

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077434.D
 Acq On : 24 Apr 2023 12:27
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 25 02:03:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	565088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1068418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	925420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	76078	10.323	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.640%#		
35) Dibromofluoromethane	8.172	113	66063	10.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.640%#		
50) Toluene-d8	10.571	98	246564	10.068	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.140%#		
62) 4-Bromofluorobenzene	12.848	95	78283	9.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.500%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	81147	11.489	ug/l	98
3) Chloromethane	2.372	50	61642	10.882	ug/l	95
4) Vinyl Chloride	2.525	62	87030	11.533	ug/l	100
5) Bromomethane	2.972	94	74913	10.486	ug/l	99
6) Chloroethane	3.131	64	61587	10.743	ug/l	94
7) Trichlorofluoromethane	3.507	101	125414	11.308	ug/l	99
8) Diethyl Ether	3.972	74	43988	10.914	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	71318	11.057	ug/l	95
10) Methyl Iodide	4.607	142	82223	10.459	ug/l	99
11) Tert butyl alcohol	5.531	59	63583	58.415	ug/l	100
12) 1,1-Dichloroethene	4.354	96	69043	10.890	ug/l	97
13) Acrolein	4.195	56	63065	54.060	ug/l	100
14) Allyl chloride	5.031	41	74145	10.575	ug/l	88
15) Acrylonitrile	5.725	53	144368	53.760	ug/l	98
16) Acetone	4.442	43	122874	52.378	ug/l	96
17) Carbon Disulfide	4.719	76	173434	10.823	ug/l	100
18) Methyl Acetate	5.042	43	98095	10.828	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	228204	10.881	ug/l	99
20) Methylene Chloride	5.289	84	76698	10.310	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	72572	10.642	ug/l	94
22) Diisopropyl ether	6.678	45	175388	10.900	ug/l	96
23) Vinyl Acetate	6.613	43	552651	54.994	ug/l	99
24) 1,1-Dichloroethane	6.578	63	125379	11.008	ug/l	97
25) 2-Butanone	7.495	43	182845	54.954	ug/l	97
26) 2,2-Dichloropropane	7.501	77	119116	10.785	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	86308	10.687	ug/l	97
28) Bromochloromethane	7.825	49	38797	8.920	ug/l	96
29) Tetrahydrofuran	7.842	42	118109	56.655	ug/l	98
30) Chloroform	7.972	83	144146	11.229	ug/l	90
31) Cyclohexane	8.266	56	114935	9.339	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	128261	10.868	ug/l	99
36) 1,1-Dichloropropene	8.377	75	99167	10.689	ug/l	100
37) Ethyl Acetate	7.566	43	73034	10.360	ug/l	98
38) Carbon Tetrachloride	8.360	117	109700	10.717	ug/l	92
39) Methylcyclohexane	9.601	83	128928	10.548	ug/l	95
40) Benzene	8.613	78	305157	10.797	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	39182	10.671	ug/l	98
42) 1,2-Dichloroethane	8.677	62	104101	10.724	ug/l	99
43) Isopropyl Acetate	8.695	43	134893	11.060	ug/l	100
44) Trichloroethene	9.354	130	77503	10.710	ug/l	100
45) 1,2-Dichloropropane	9.624	63	75387	11.387	ug/l	95
46) Dibromomethane	9.713	93	58163	10.827	ug/l	98
47) Bromodichloromethane	9.895	83	113454	10.919	ug/l	97
48) Methyl methacrylate	9.683	41	56685	10.211	ug/l	96
49) 1,4-Dioxane	9.695	88	29098	208.959	ug/l	92
51) 4-Methyl-2-Pentanone	10.448	43	390450	54.581	ug/l	99
52) Toluene	10.630	92	198163	10.703	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	109083	10.367	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	124248	10.849	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	79349	10.658	ug/l	94
56) Ethyl methacrylate	10.877	69	114918	11.015	ug/l	96
57) 1,3-Dichloropropane	11.166	76	127844	10.780	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	190827	54.079	ug/l	99
59) 2-Hexanone	11.195	43	281738	54.182	ug/l	98
60) Dibromochloromethane	11.366	129	80987	10.481	ug/l	98
61) 1,2-Dibromoethane	11.471	107	79505	10.459	ug/l	98
64) Tetrachloroethene	11.101	164	59301	10.705	ug/l	97
65) Chlorobenzene	11.895	112	208544	10.649	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.960	131	78113	10.964	ug/l	98
67) Ethyl Benzene	11.965	91	377559	10.952	ug/l	99
68) m/p-Xylenes	12.071	106	292212	21.810	ug/l	99
69) o-Xylene	12.401	106	140993	10.699	ug/l	97
70) Styrene	12.413	104	226265	10.979	ug/l	99
71) Bromoform	12.583	173	48889	10.488	ug/l #	97
73) Isopropylbenzene	12.695	105	354013	10.800	ug/l	98
74) N-amyl acetate	12.495	43	100052	10.310	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.936	83	110802	10.758	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	81578m	9.720	ug/l	
77) Bromobenzene	12.983	156	78186	10.945	ug/l	98
78) n-propylbenzene	13.036	91	382602	10.557	ug/l	99
79) 2-Chlorotoluene	13.130	91	242117	10.835	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	257948	10.597	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	29744m	10.519	ug/l	
82) 4-Chlorotoluene	13.224	91	227886	10.914	ug/l	100
83) tert-Butylbenzene	13.442	119	258091	10.918	ug/l	97
84) 1,2,4-Trimethylbenzene	13.489	105	229864	10.111	ug/l	99
85) sec-Butylbenzene	13.618	105	354121	10.914	ug/l	99
86) p-Isopropyltoluene	13.736	119	263194	10.543	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	133132	10.479	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	127464	10.169	ug/l	97
89) n-Butylbenzene	14.059	91	184348	9.542	ug/l	99
90) Hexachloroethane	14.336	117	58686	10.640	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	129186	10.252	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	19316	10.142	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	24821	9.563	ug/l	90
94) Hexachlorobutadiene	15.465	225	26074	10.240	ug/l	96
95) Naphthalene	15.589	128	90043	9.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	23845	9.629	ug/l	97

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ClientSampleId :
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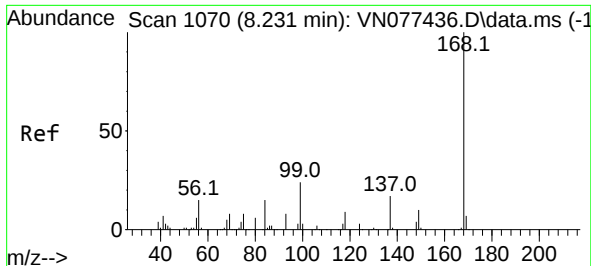
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/25/2023

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Quant Title : SW846 8260
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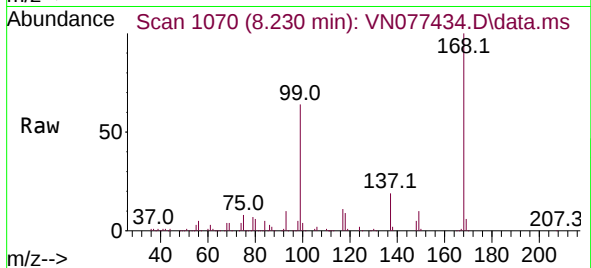
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077434.D
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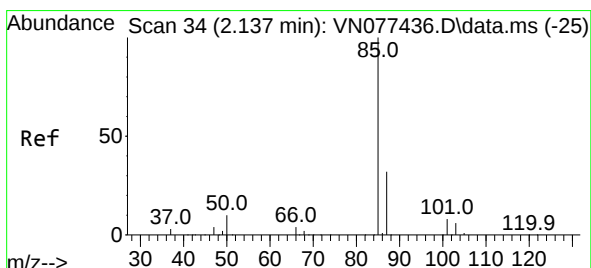
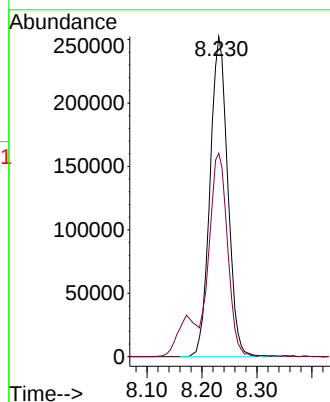
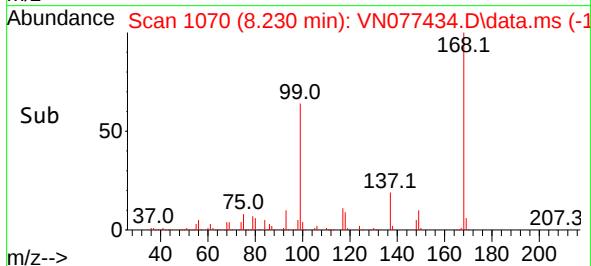
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 56508
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6

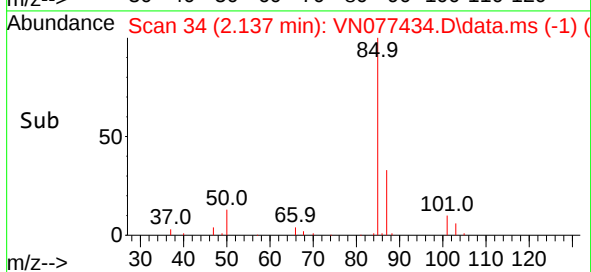
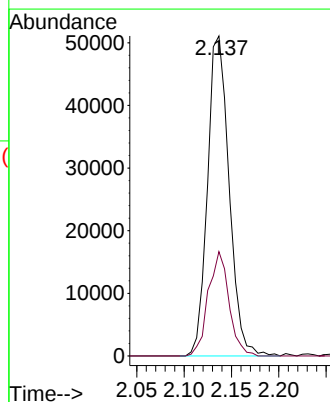
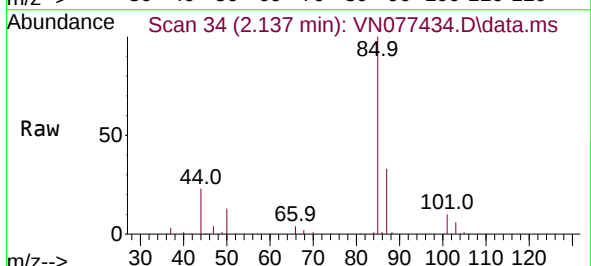
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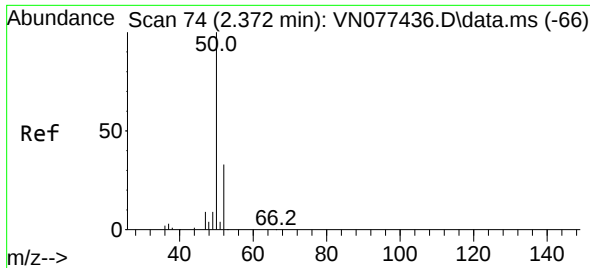
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#2
Dichlorodifluoromethane
Concen: 11.489 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 85 Resp: 81147
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





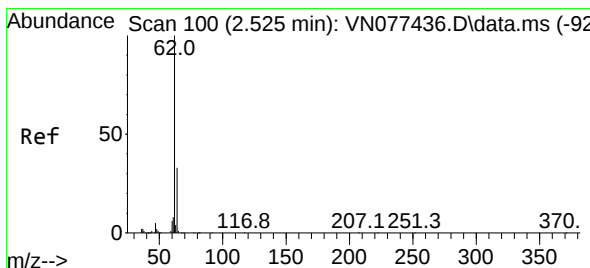
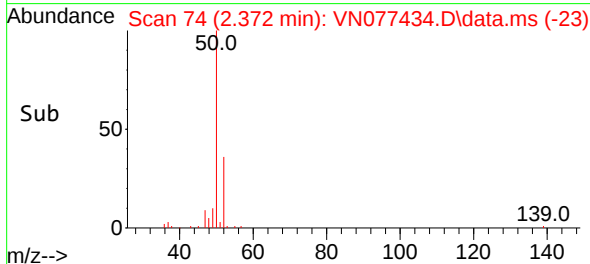
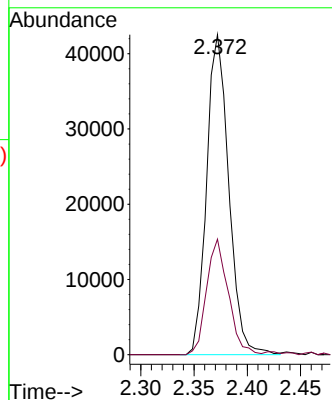
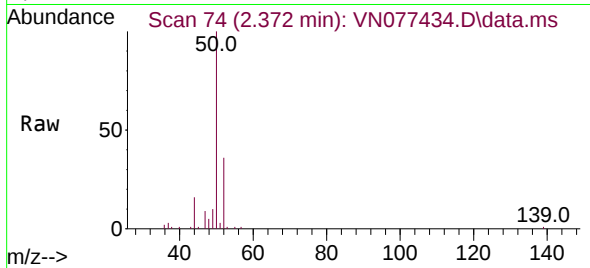
#3
Chloromethane
Concen: 10.882 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
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Tgt Ion: 50 Resp: 6164
Ion Ratio Lower Upper
50 100
52 36.1 26.5 39.7

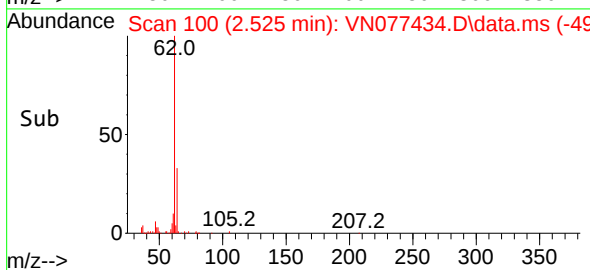
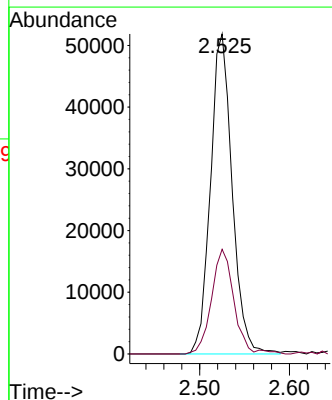
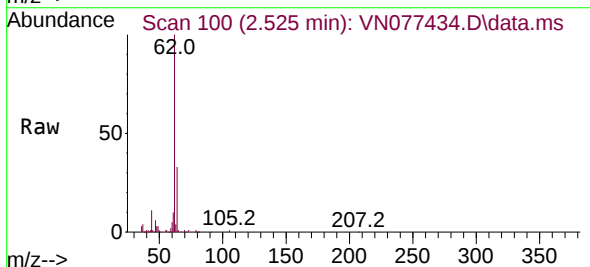
Manual Integrations
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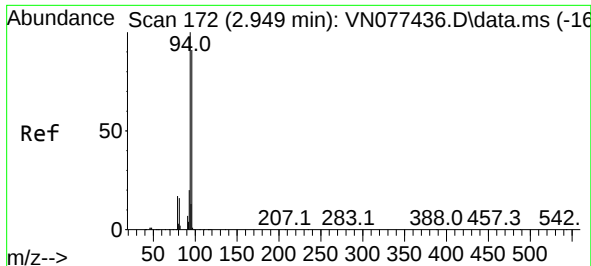
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#4
Vinyl Chloride
Concen: 11.533 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

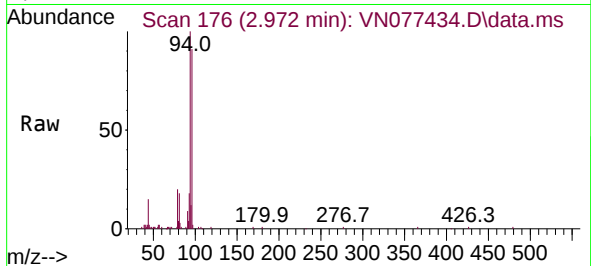
Tgt Ion: 62 Resp: 87030
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5
Bromomethane
Concen: 10.486 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.023 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

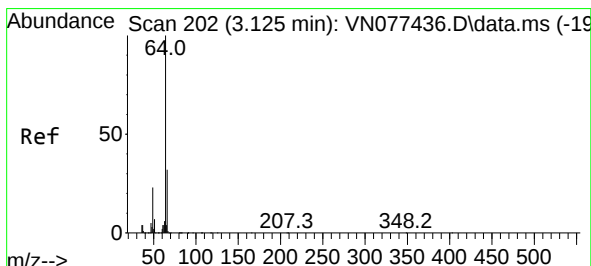
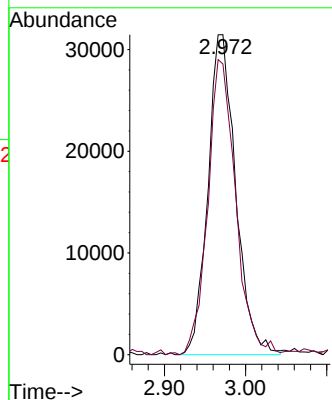
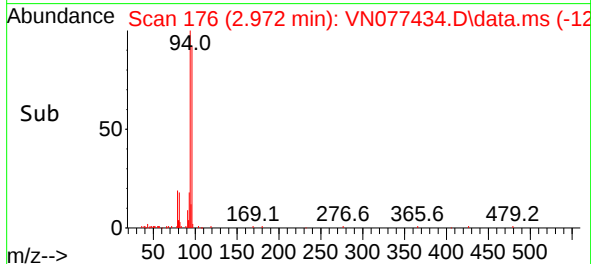
Instrument :
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Tgt Ion: 94 Resp: 7491
Ion Ratio Lower Upper
94 100
96 90.8 73.1 109.7

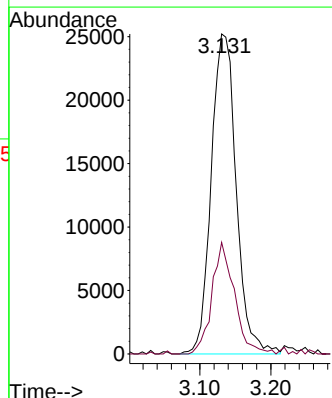
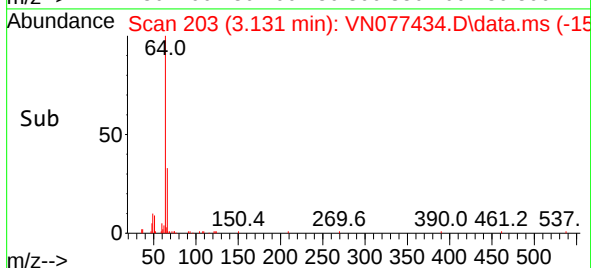
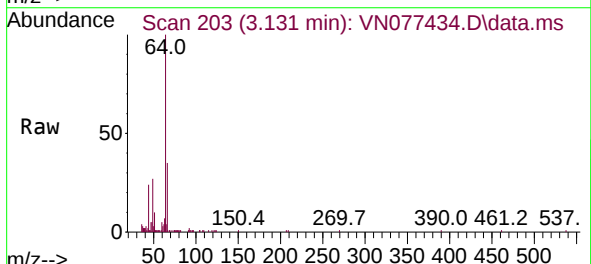
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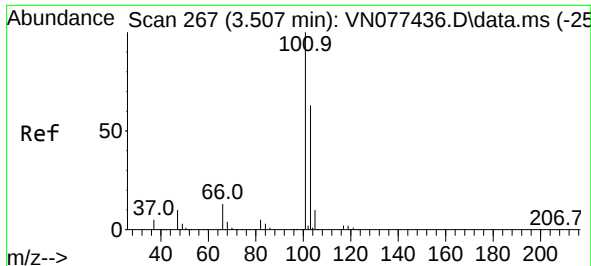
Reviewed By :John Carlone 04/25/2023
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#6
Chloroethane
Concen: 10.743 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077434.D
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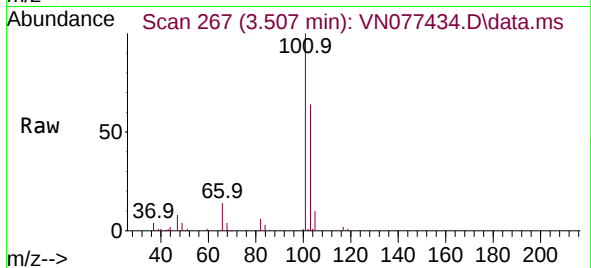
Tgt Ion: 64 Resp: 61587
Ion Ratio Lower Upper
64 100
66 34.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 11.308 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

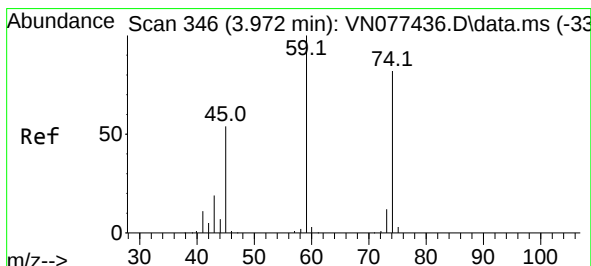
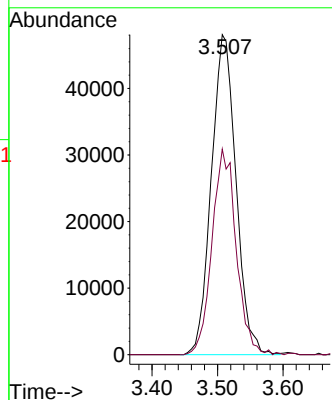
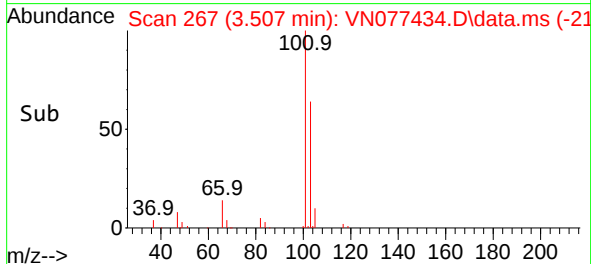
Instrument :
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Tgt Ion:101 Resp: 125414
Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1

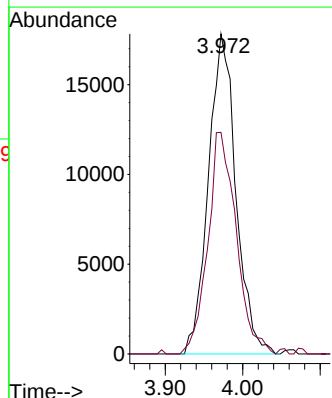
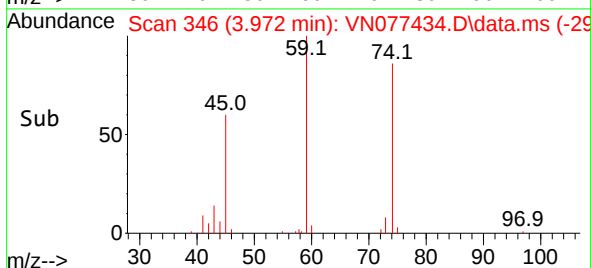
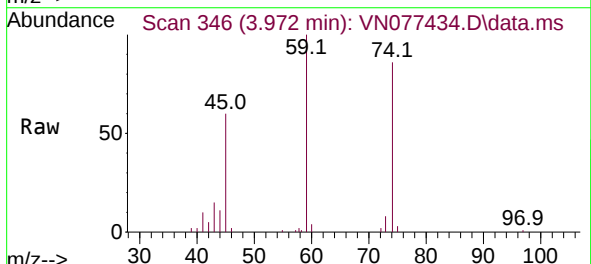
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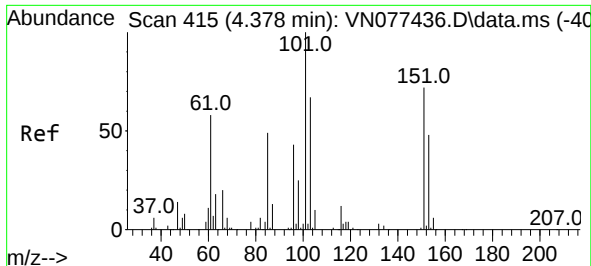
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#8
Diethyl Ether
Concen: 10.914 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 74 Resp: 43988
Ion Ratio Lower Upper
74 100
45 71.5 34.4 103.3





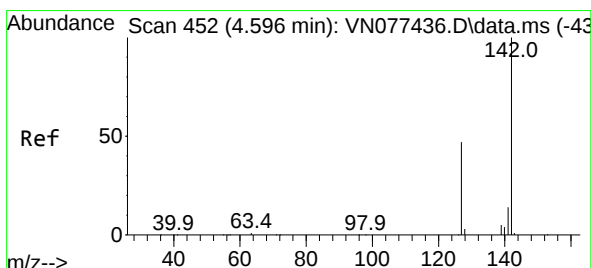
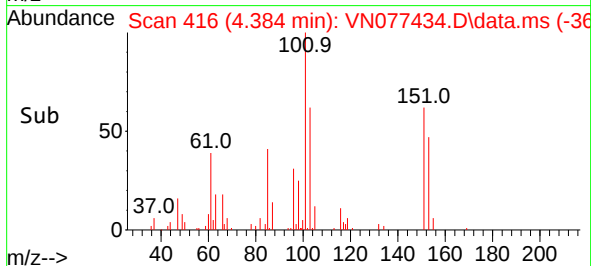
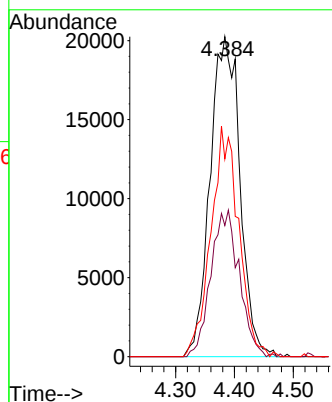
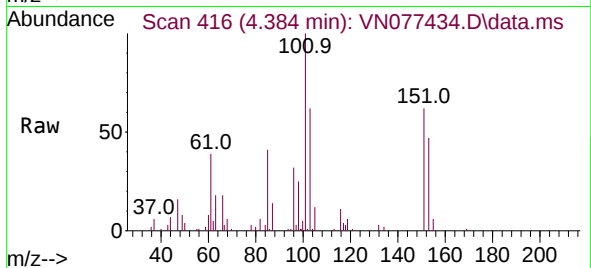
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.057 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 71318
Ion Ratio Lower Upper
101 100
85 43.6 36.6 55.0
151 66.8 57.6 86.4

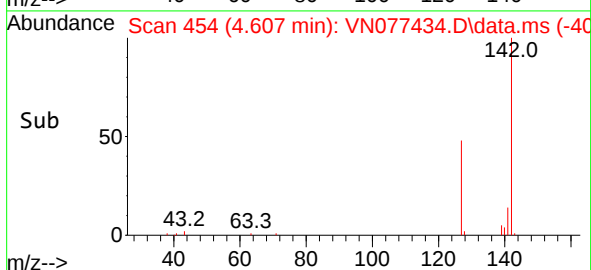
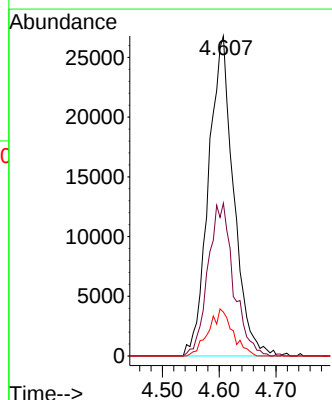
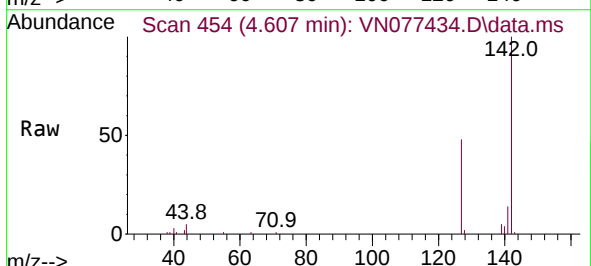
Manual Integrations
APPROVED

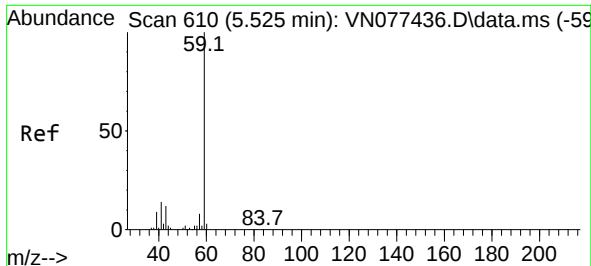
Reviewed By :John Carbone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#10
Methyl Iodide
Concen: 10.459 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.012 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion:142 Resp: 82223
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 13.7 11.4 17.0





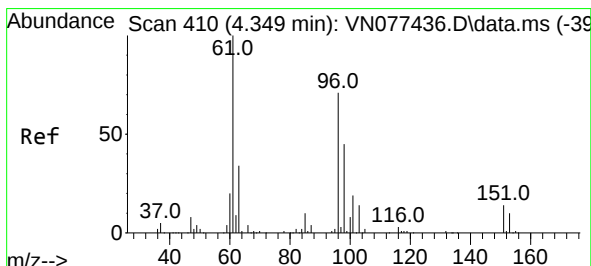
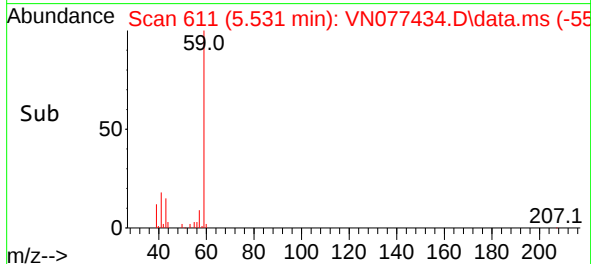
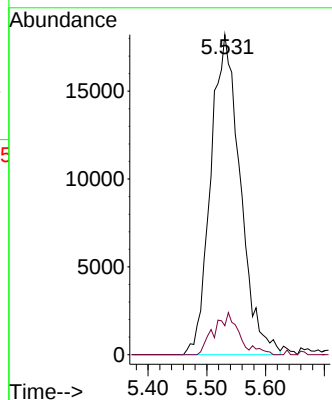
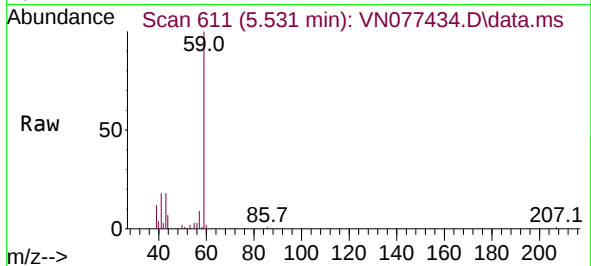
#11
Tert butyl alcohol
Concen: 58.415 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 6358
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

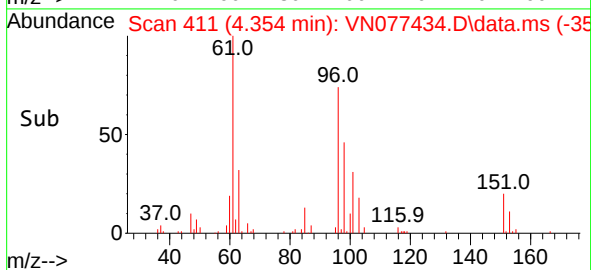
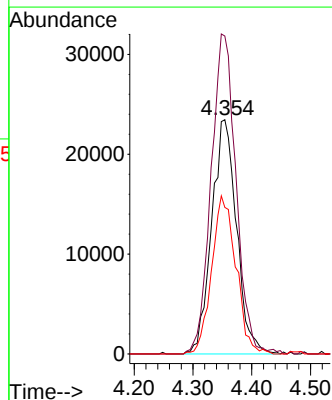
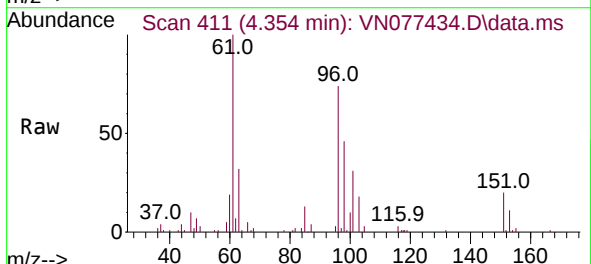
Manual Integrations
APPROVED

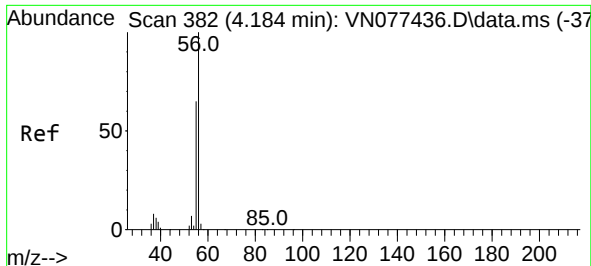
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#12
1,1-Dichloroethene
Concen: 10.890 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 96 Resp: 69043
Ion Ratio Lower Upper
96 100
61 135.7 112.7 169.1
98 62.6 51.2 76.8





#13

Acrolein

Concen: 54.060 ug/l

RT: 4.195 min Scan# 384

Delta R.T. 0.012 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 6306

Ion Ratio Lower Upper

56 100

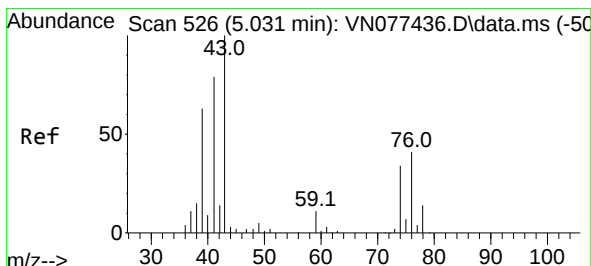
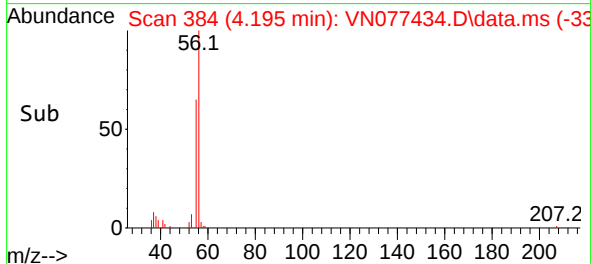
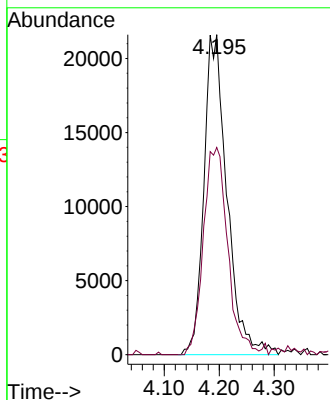
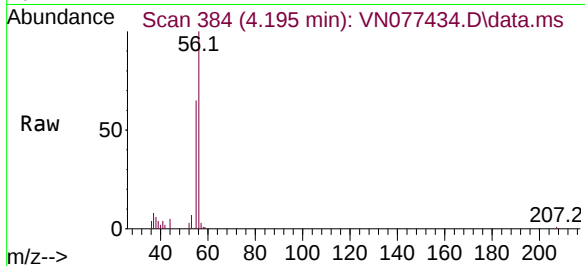
55 68.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#14

Allyl chloride

Concen: 10.575 ug/l

RT: 5.031 min Scan# 526

Delta R.T. -0.000 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

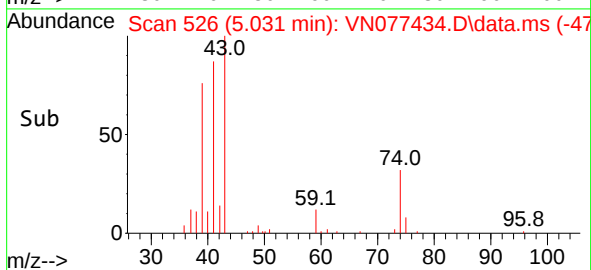
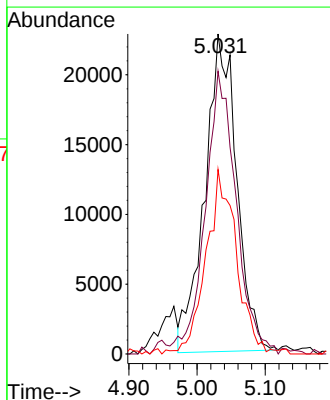
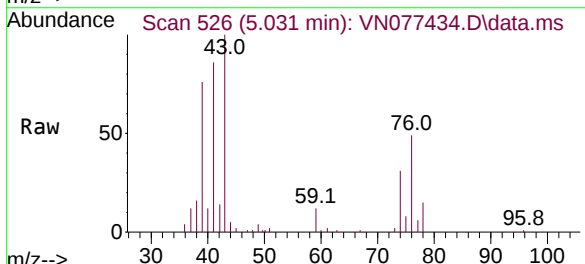
Tgt Ion: 41 Resp: 74145

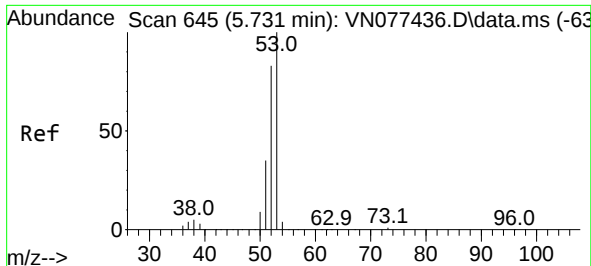
Ion Ratio Lower Upper

41 100

39 85.9 58.8 88.2

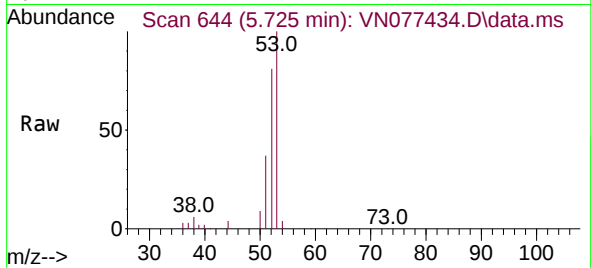
76 55.1 39.1 58.7





#15
Acrylonitrile
Concen: 53.760 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

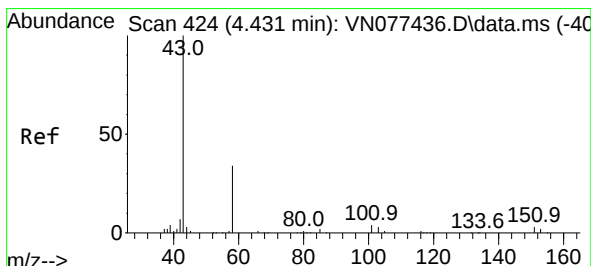
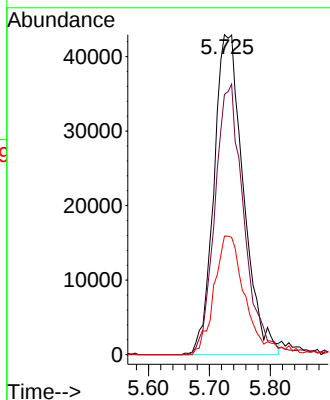
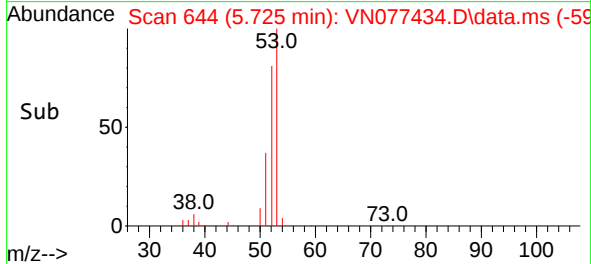
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



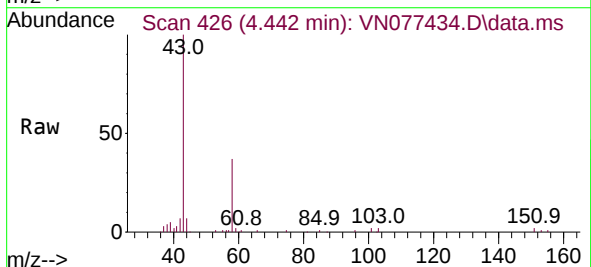
Tgt Ion: 53 Resp: 144368
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 38.9 28.9 43.3

Manual Integrations
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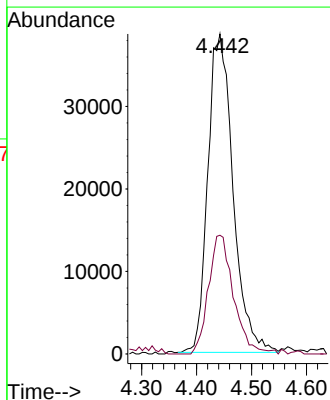
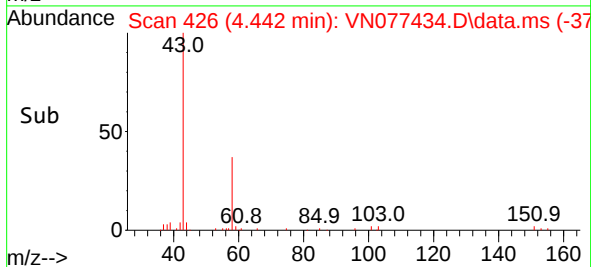
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

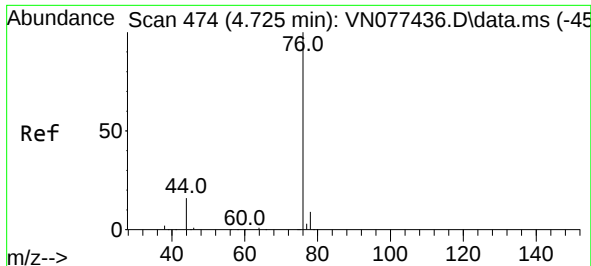


#16
Acetone
Concen: 52.378 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27



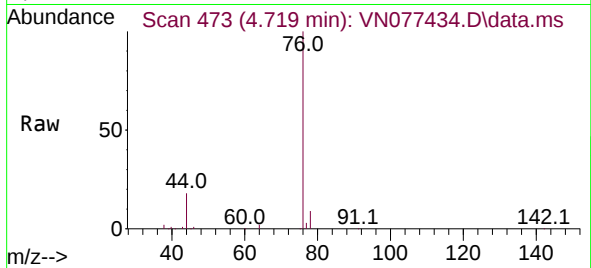
Tgt Ion: 43 Resp: 122874
Ion Ratio Lower Upper
43 100
58 37.3 28.0 42.0





#17
Carbon Disulfide
Concen: 10.823 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

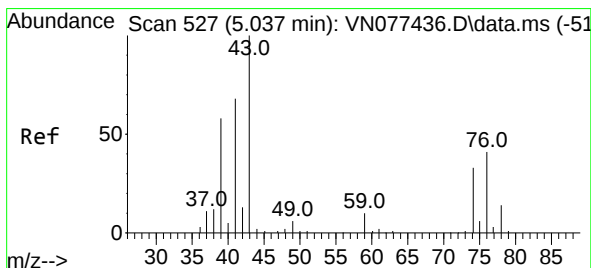
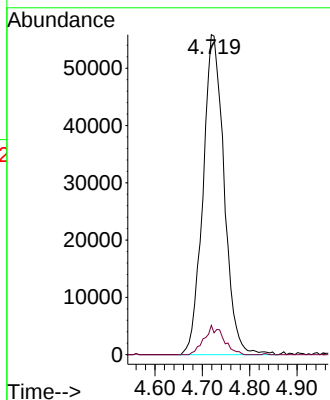
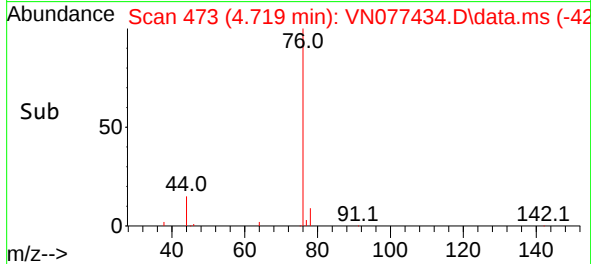
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 173434
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

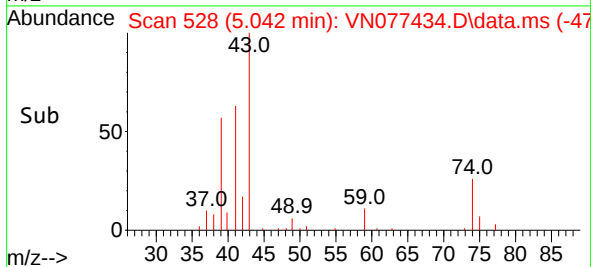
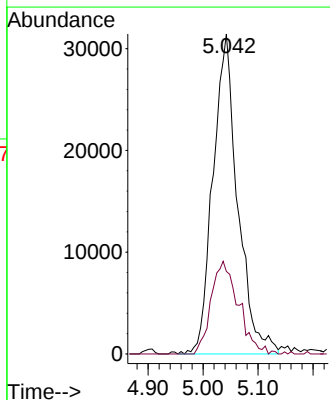
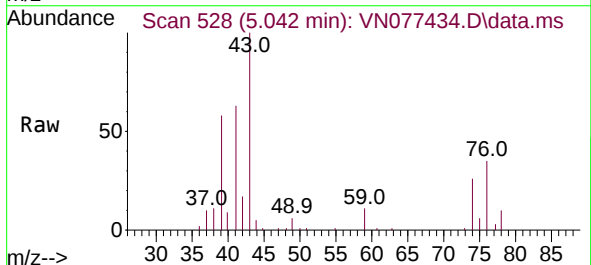
Manual Integrations
APPROVED

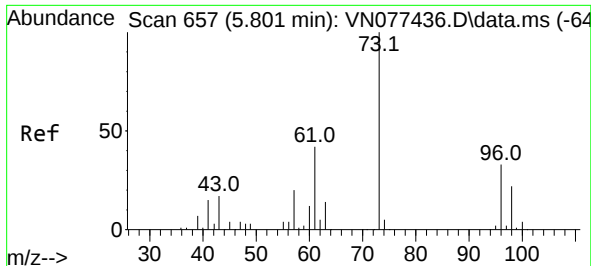
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#18
Methyl Acetate
Concen: 10.828 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 43 Resp: 98095
Ion Ratio Lower Upper
43 100
74 32.0 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 10.881 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 228204

Ion Ratio Lower Upper

73 100

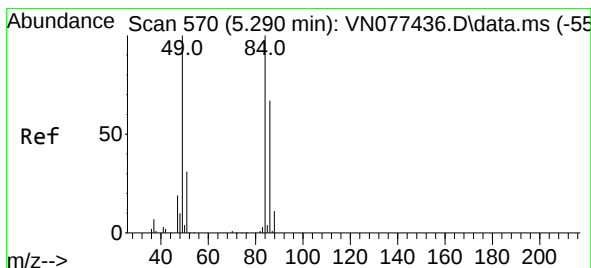
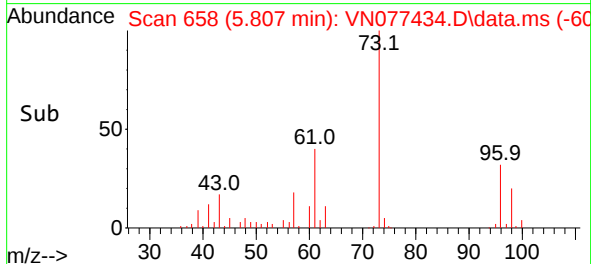
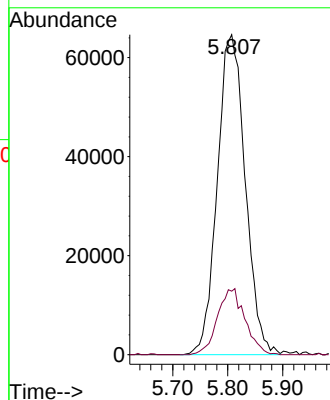
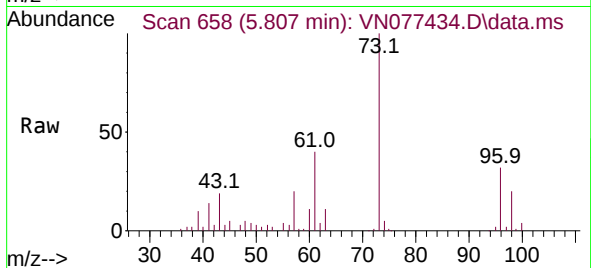
57 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#20

Methylene Chloride

Concen: 10.310 ug/l

RT: 5.289 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

Tgt Ion: 84 Resp: 76698

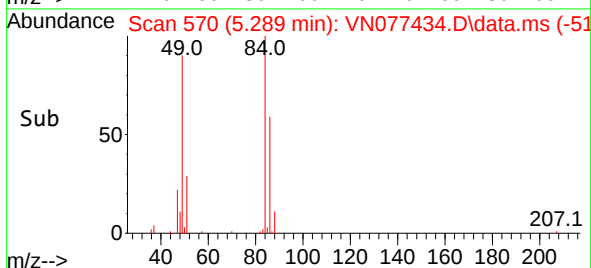
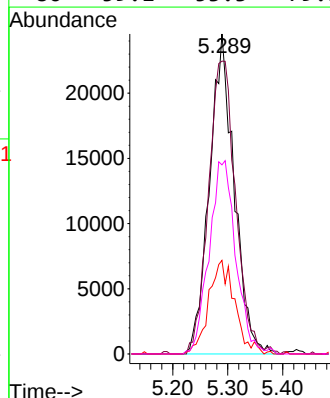
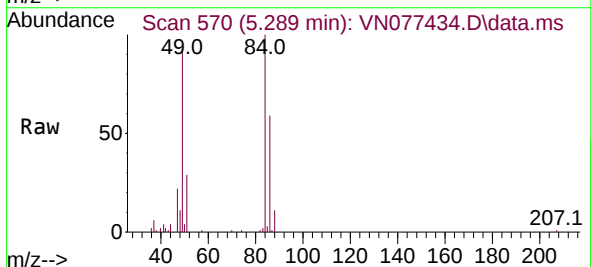
Ion Ratio Lower Upper

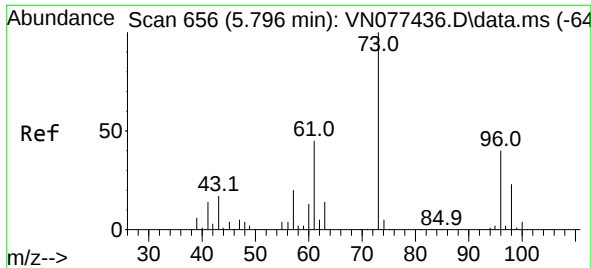
84 100

49 91.5 79.7 119.5

51 29.3 25.2 37.8

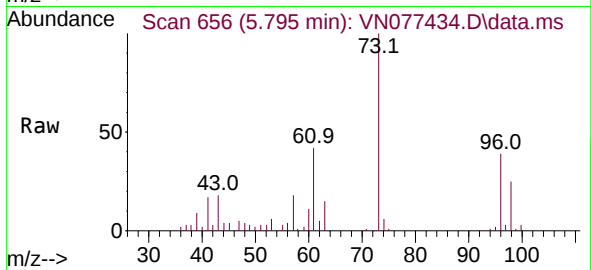
86 59.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 10.642 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

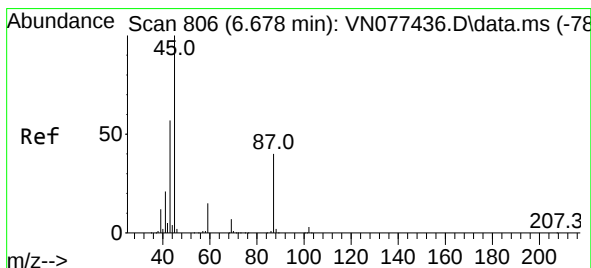
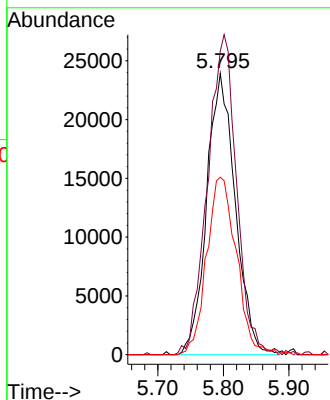
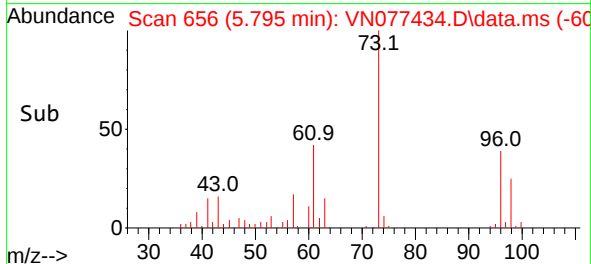
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



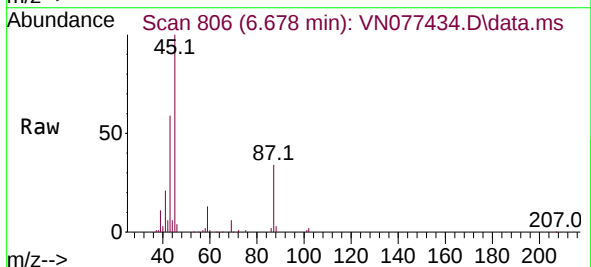
Tgt Ion: 96 Resp: 72572
Ion Ratio Lower Upper
96 100
61 107.2 90.1 135.1
98 63.1 46.4 69.6

Manual Integrations
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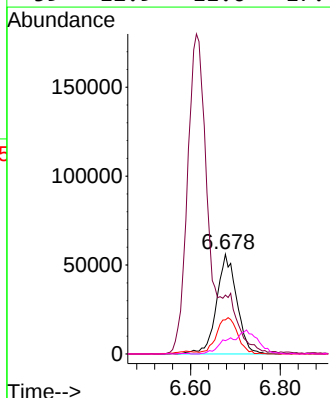
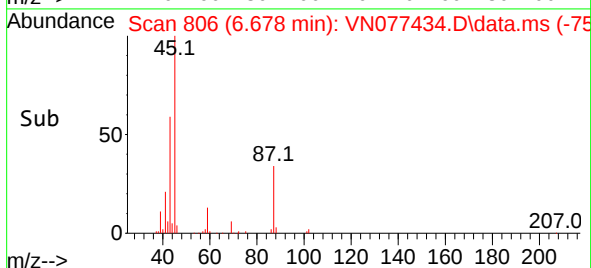
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

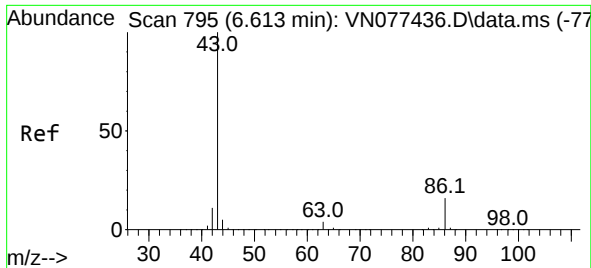


#22
Diisopropyl ether
Concen: 10.900 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27



Tgt Ion: 45 Resp: 175388
Ion Ratio Lower Upper
45 100
43 57.7 45.5 68.3
87 34.2 31.8 47.8
59 12.9 11.6 17.4





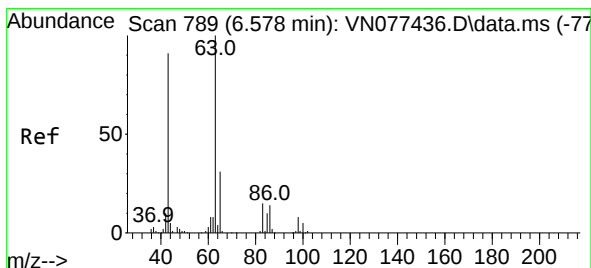
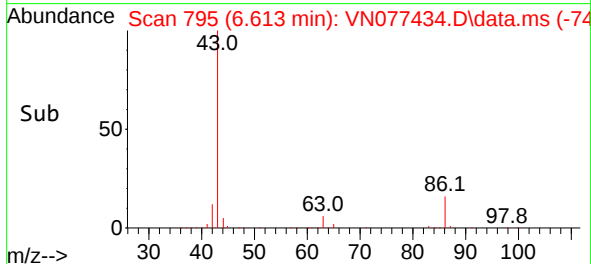
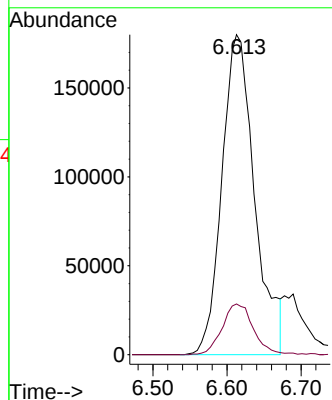
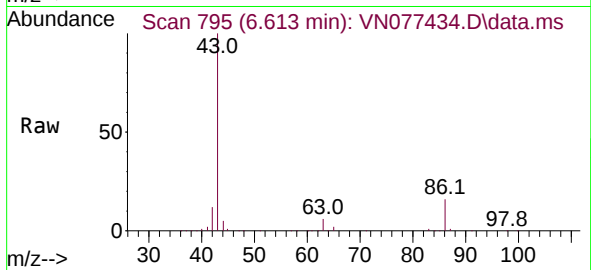
#23
 Vinyl Acetate
 Concen: 54.994 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077434.D
 Acq: 24 Apr 2023 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 55265
 Ion Ratio Lower Upper
 43 100
 86 15.9 13.0 19.6

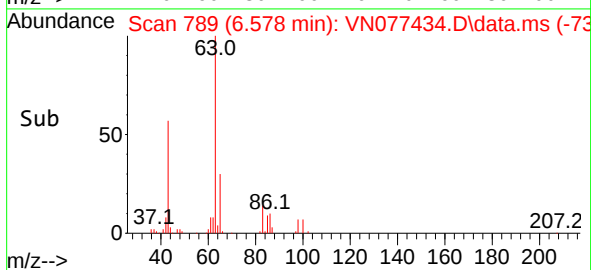
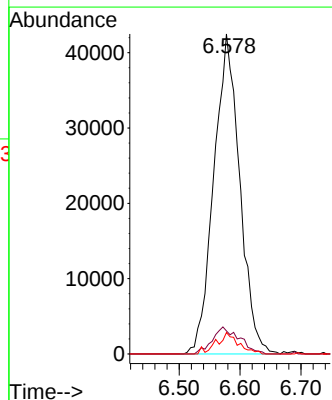
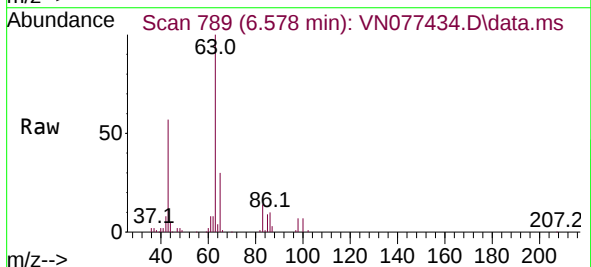
Manual Integrations
 APPROVED

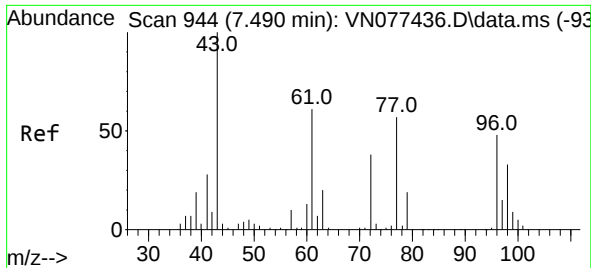
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#24
 1,1-Dichloroethane
 Concen: 11.008 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077434.D
 Acq: 24 Apr 2023 12:27

Tgt Ion: 63 Resp: 125379
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 6.7 2.5 7.4





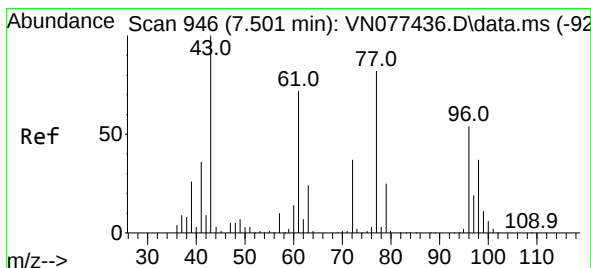
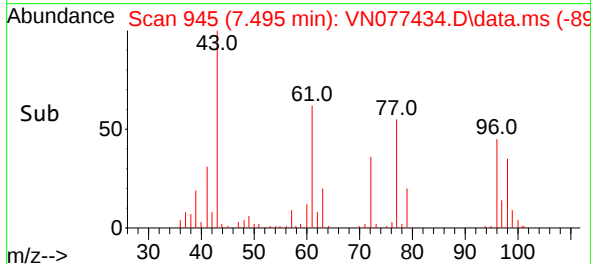
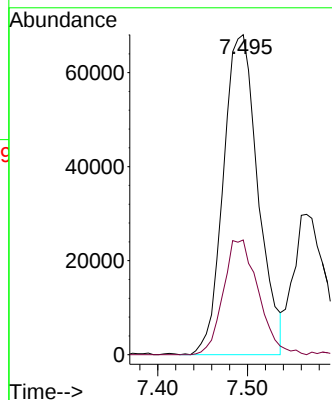
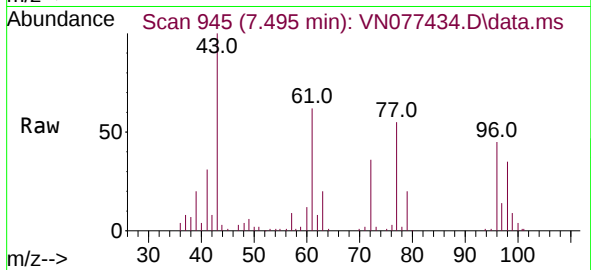
#25
2-Butanone
Concen: 54.954 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 182849
Ion Ratio Lower Upper
43 100
72 35.9 30.2 45.2

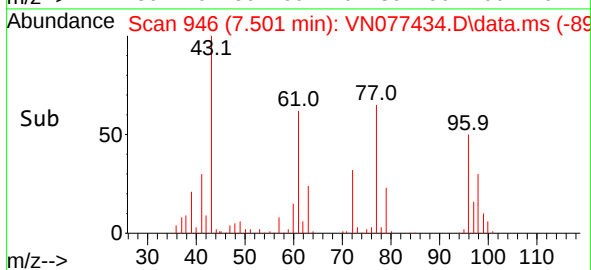
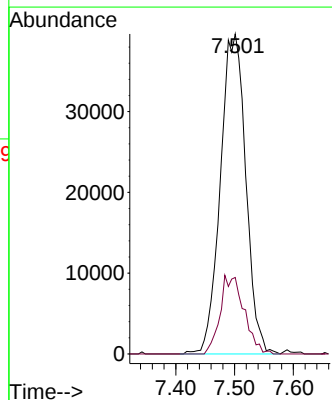
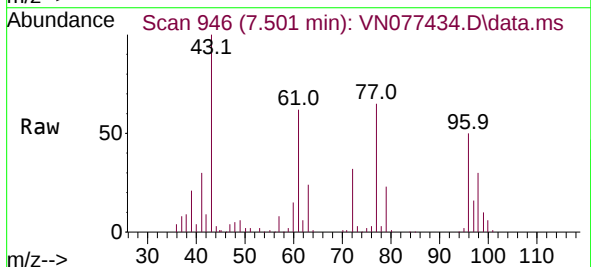
Manual Integrations
APPROVED

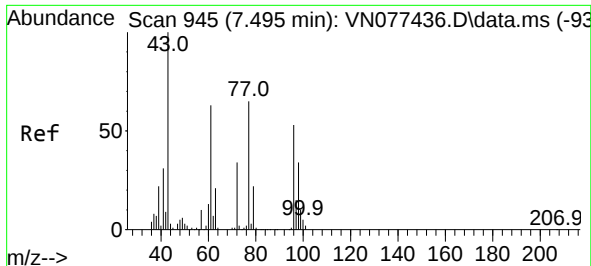
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#26
2,2-Dichloropropane
Concen: 10.785 ug/l
RT: 7.501 min Scan# 946
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

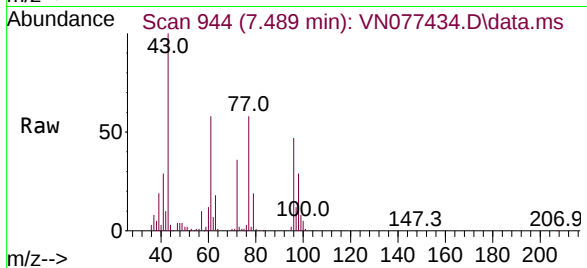
Tgt Ion: 77 Resp: 119116
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 10.687 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. -0.006 min
 Lab File: VN077434.D
 Acq: 24 Apr 2023 12:27

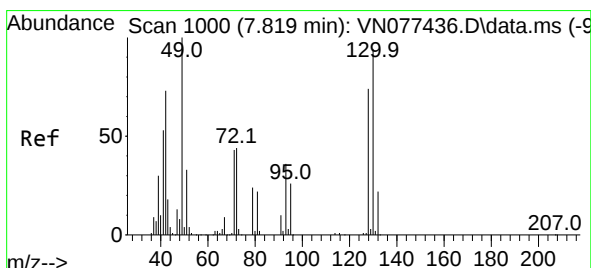
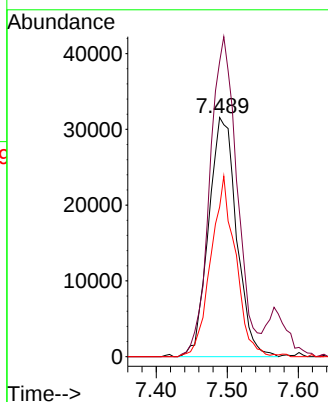
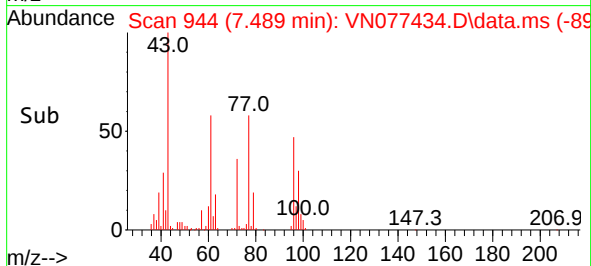
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 86308
 Ion Ratio Lower Upper
 96 100
 61 131.2 0.0 255.2
 98 66.5 0.0 128.8

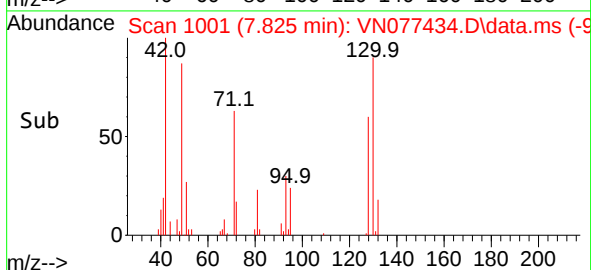
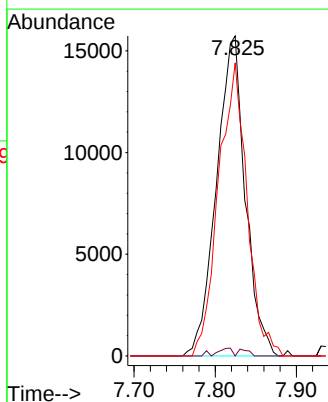
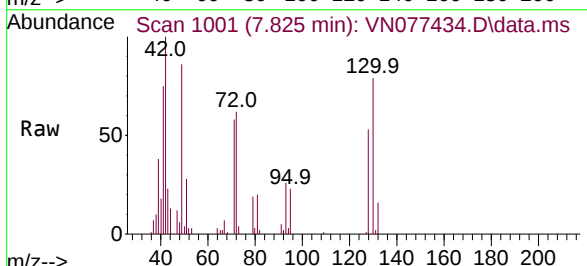
Manual Integrations
 APPROVED

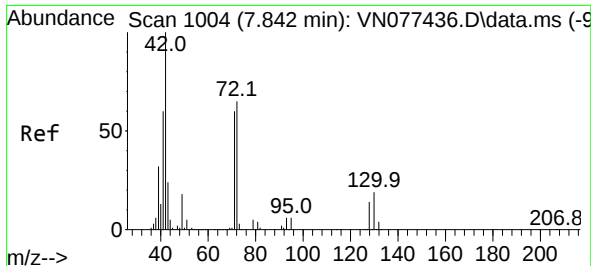
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#28
 Bromochloromethane
 Concen: 8.920 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN077434.D
 Acq: 24 Apr 2023 12:27

Tgt Ion: 49 Resp: 38797
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 90.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 56.655 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077434.D

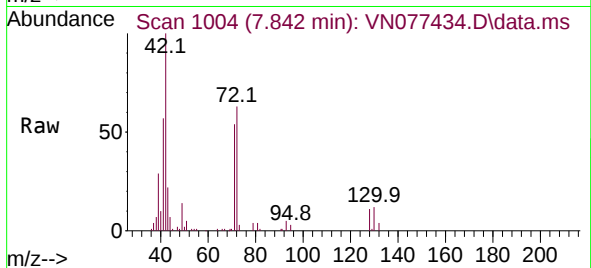
Acq: 24 Apr 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010



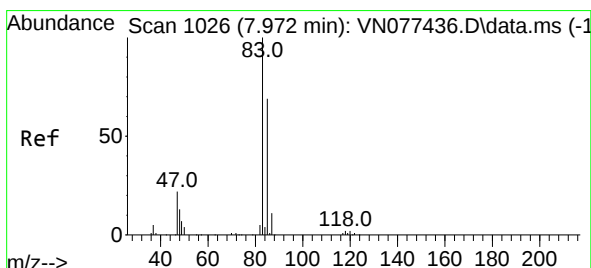
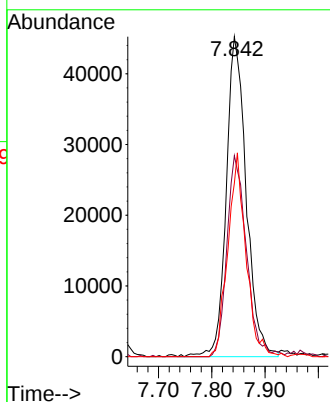
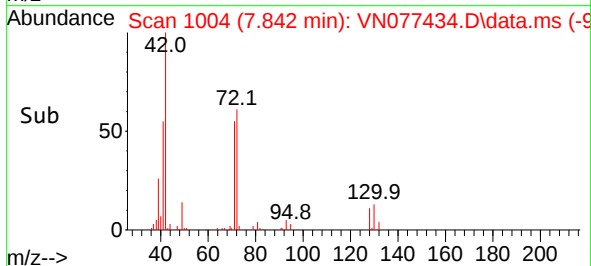
Tgt Ion:	42	Resp:	118109
Ion Ratio	100	Lower	Upper
42	100		
72	60.9	49.8	74.6
71	57.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#30

Chloroform

Concen: 11.229 ug/l

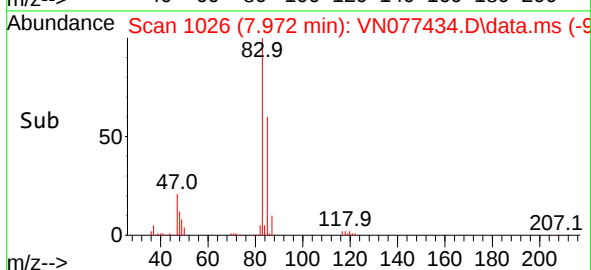
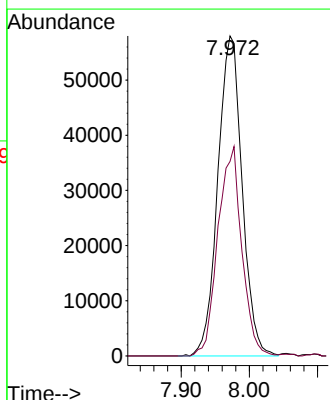
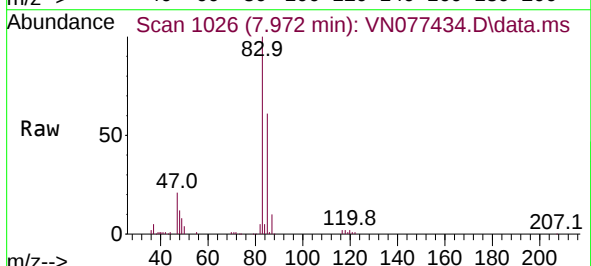
RT: 7.972 min Scan# 1026

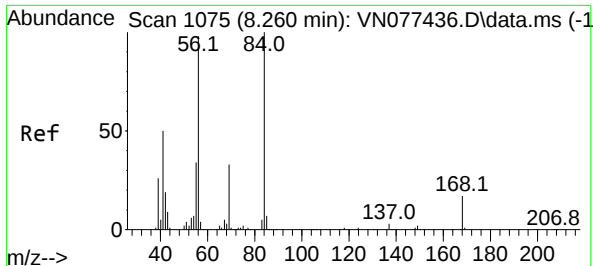
Delta R.T. -0.000 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

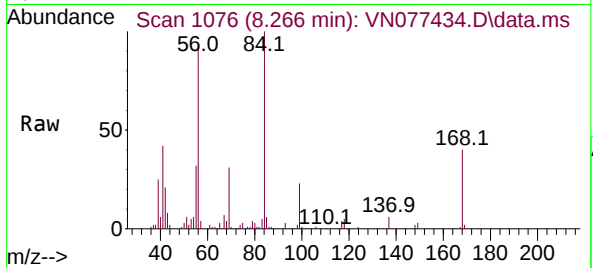
Tgt Ion:	83	Resp:	144146
Ion Ratio	100	Lower	Upper
83	100		
85	60.8	55.4	83.0





#31
Cyclohexane
Concen: 9.339 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

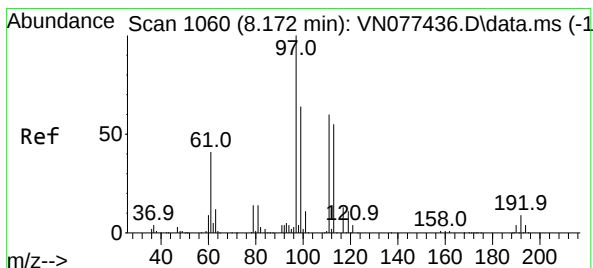
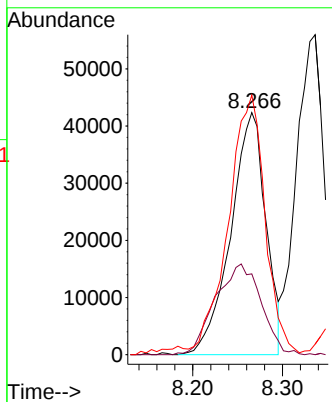
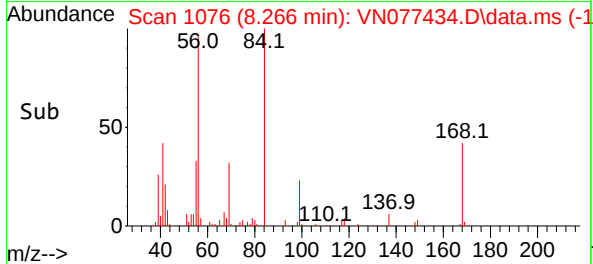
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 11493
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 103.7 81.8 122.6

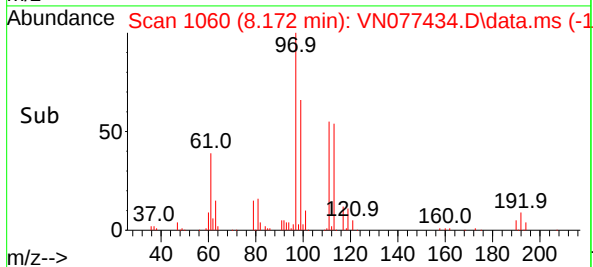
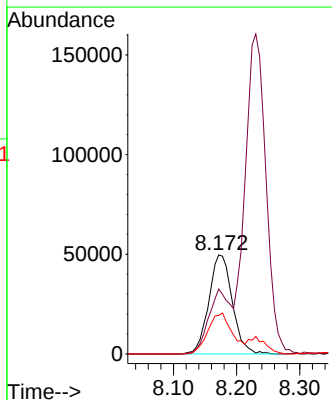
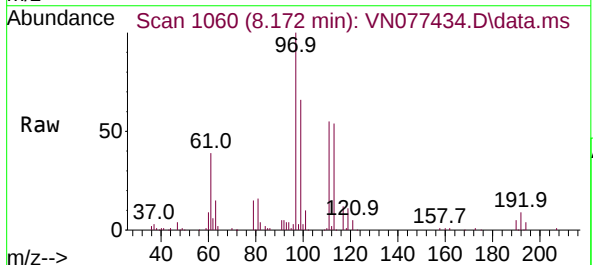
Manual Integrations
APPROVED

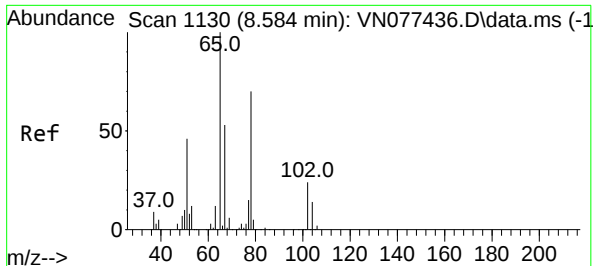
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#32
1,1,1-Trichloroethane
Concen: 10.868 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 97 Resp: 128261
Ion Ratio Lower Upper
97 100
99 61.6 50.3 75.5
61 43.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 10.323 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 76078

Ion Ratio Lower Upper

65 100

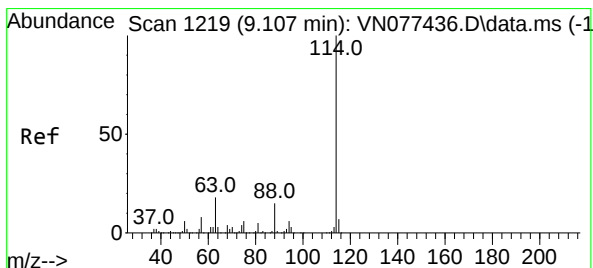
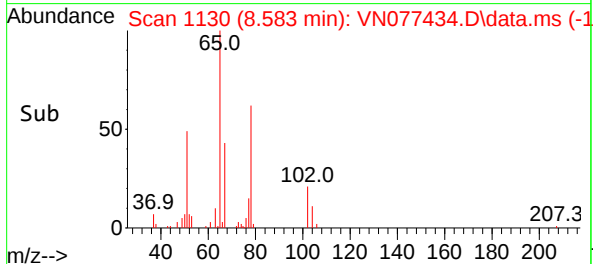
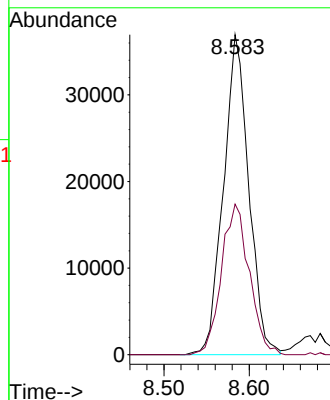
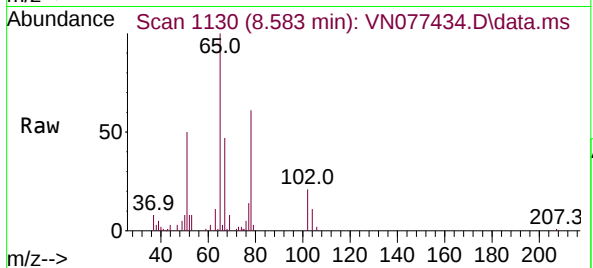
67 51.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

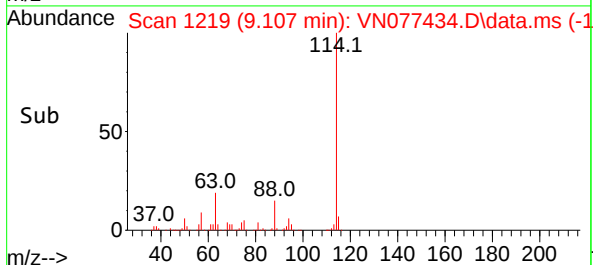
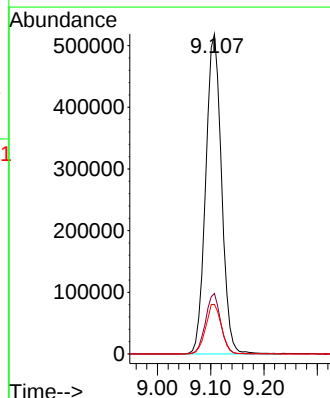
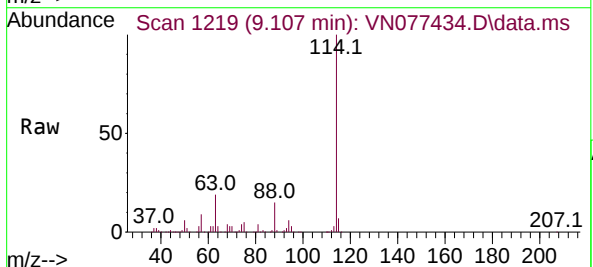
Tgt Ion:114 Resp: 1068418

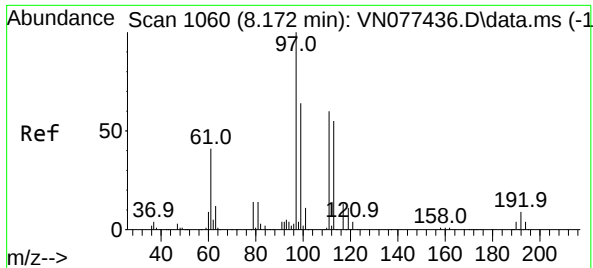
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

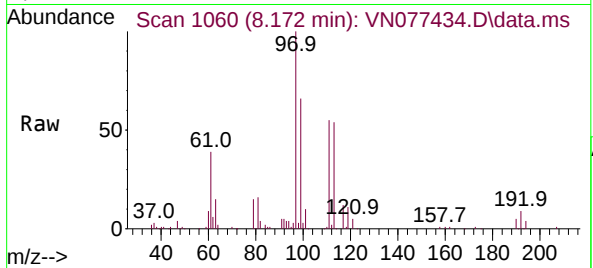
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 10.316 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

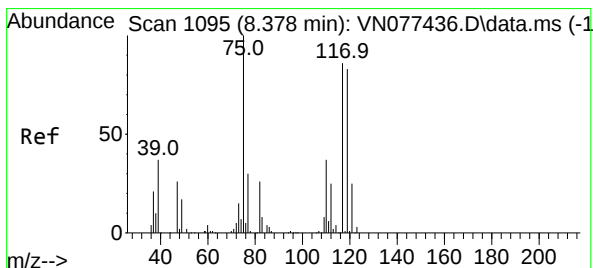
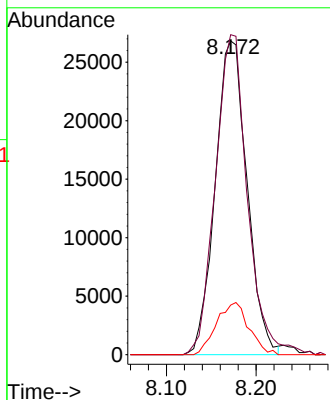
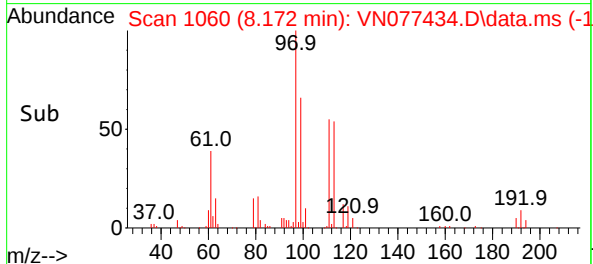
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 113 Resp: 6606
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 16.9 12.7 19.1

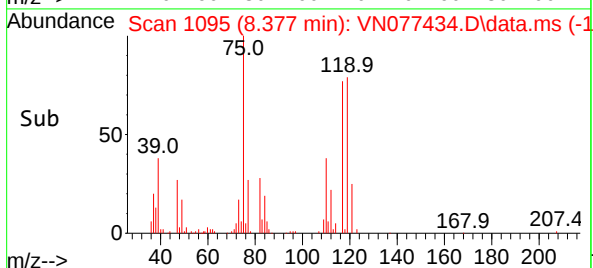
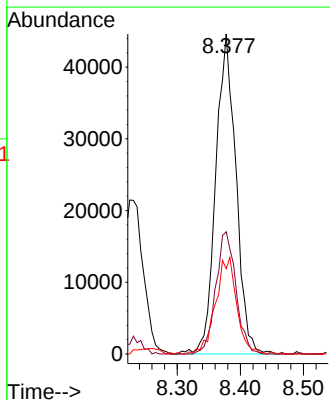
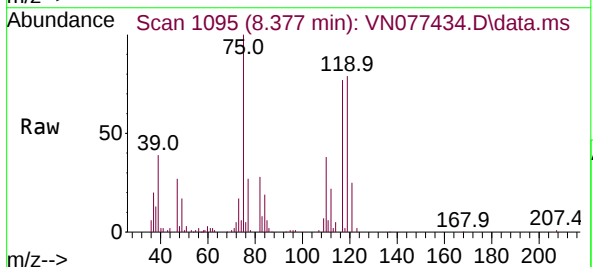
Manual Integrations
APPROVED

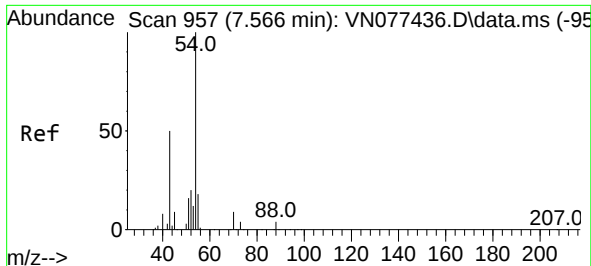
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#36
1,1-Dichloropropene
Concen: 10.689 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

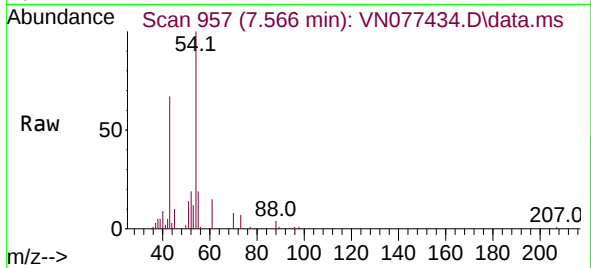
Tgt Ion: 75 Resp: 99167
Ion Ratio Lower Upper
75 100
110 38.0 19.1 57.3
77 31.5 25.0 37.4





#37
Ethyl Acetate
Concen: 10.360 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

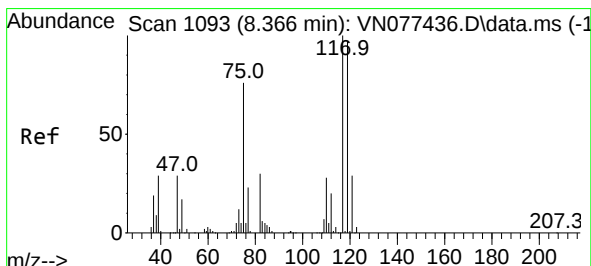
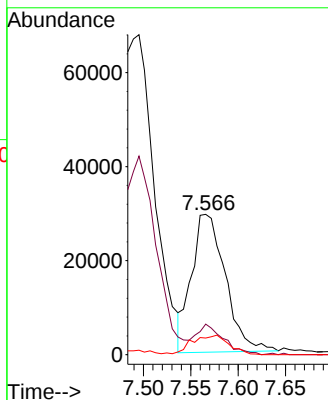
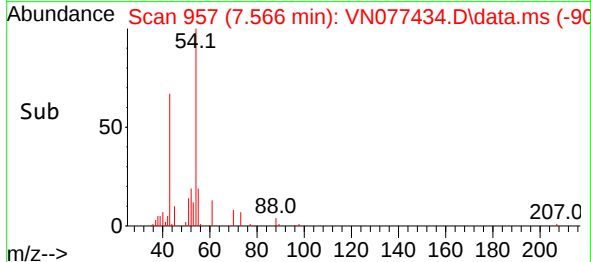
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 73034
Ion Ratio Lower Upper
43 100
61 16.8 13.2 19.8
70 15.6 11.3 16.9

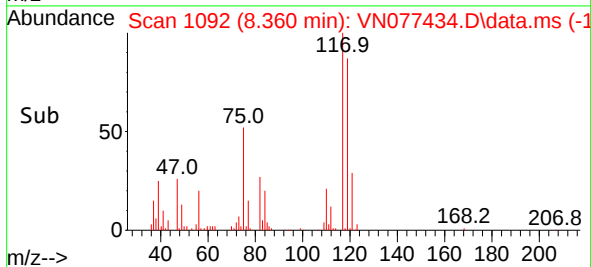
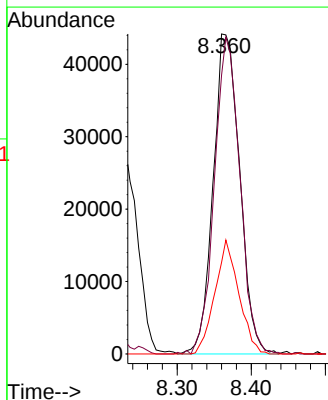
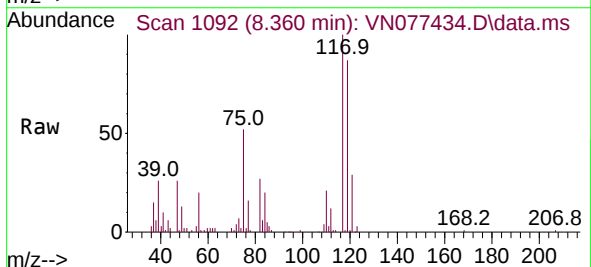
Manual Integrations
APPROVED

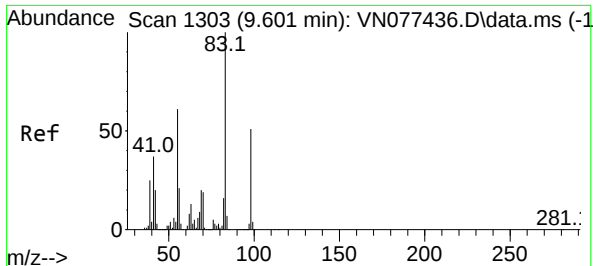
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#38
Carbon Tetrachloride
Concen: 10.717 ug/l
RT: 8.360 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion:117 Resp: 109700
Ion Ratio Lower Upper
117 100
119 86.6 77.3 115.9
121 28.6 23.3 34.9





#39

Methylcyclohexane

Concen: 10.548 ug/l

RT: 9.601 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077434.D

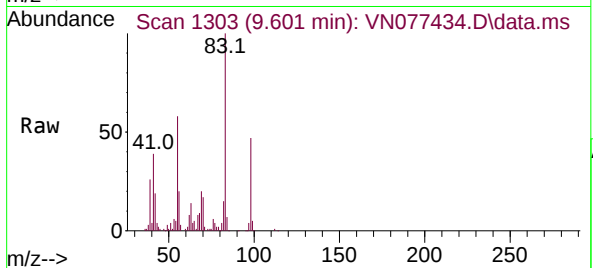
Acq: 24 Apr 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010



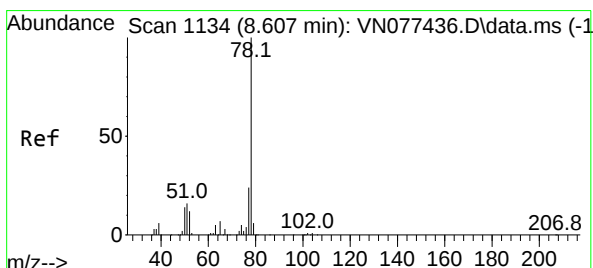
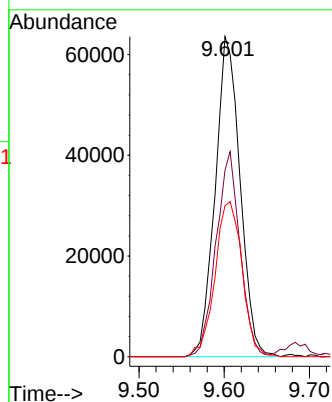
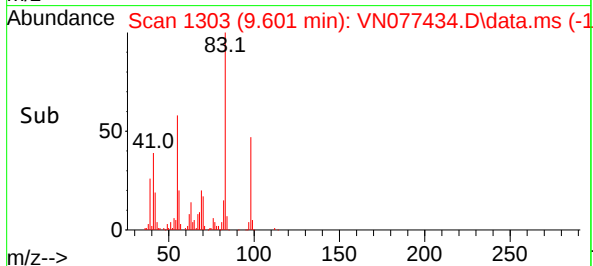
Tgt Ion:	83	Resp:	128928
Ion Ratio	Lower	Upper	
83	100		
55	58.3	49.1	73.7
98	47.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#40

Benzene

Concen: 10.797 ug/l

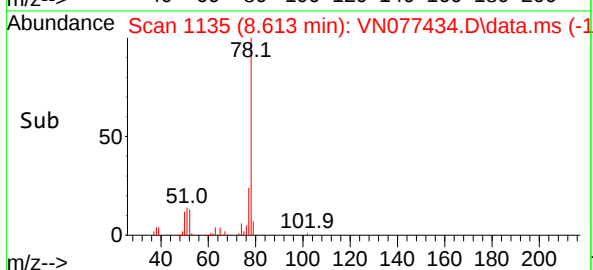
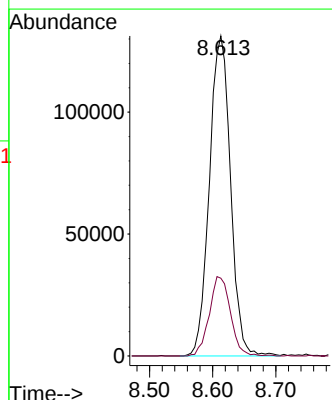
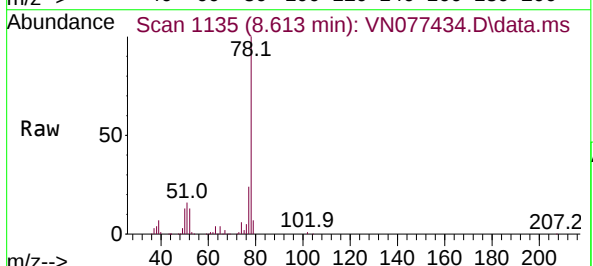
RT: 8.613 min Scan# 1135

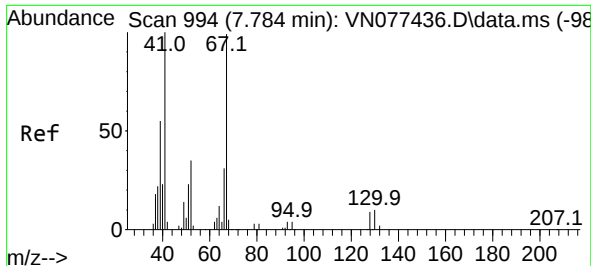
Delta R.T. 0.006 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

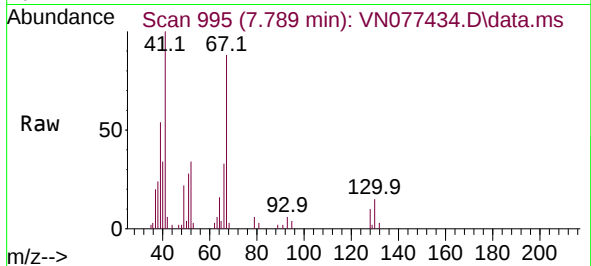
Tgt Ion:	78	Resp:	305157
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.0	28.6





#41
Methacrylonitrile
Concen: 10.671 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

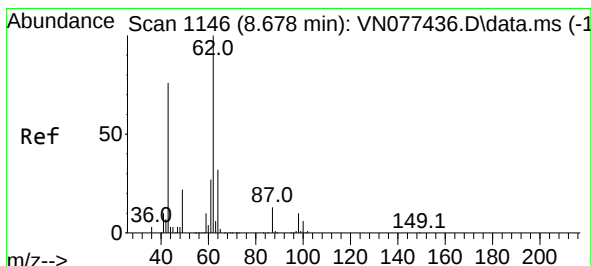
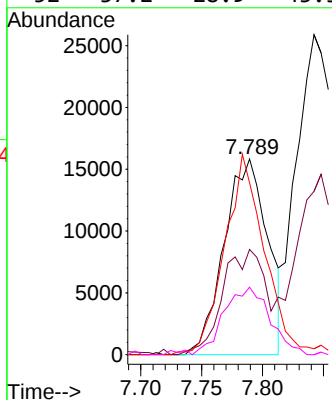
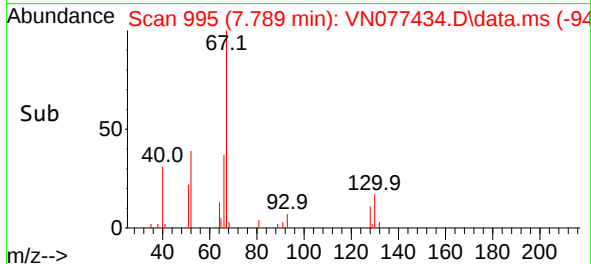
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 3918
Ion Ratio Lower Upper
41 100
39 52.1 42.6 64.0
67 95.0 77.5 116.3
52 37.2 28.9 43.3

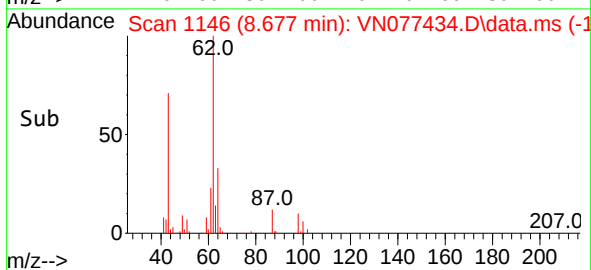
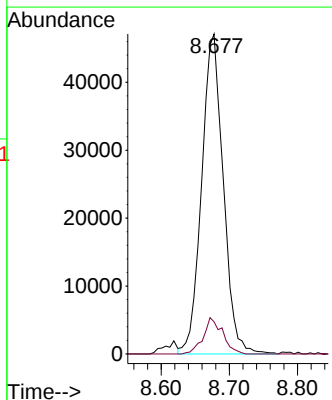
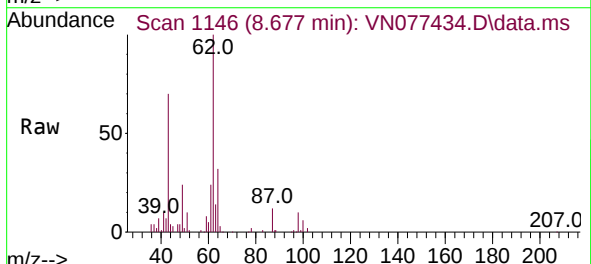
Manual Integrations
APPROVED

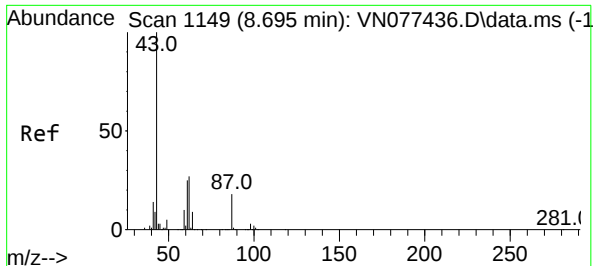
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#42
1,2-Dichloroethane
Concen: 10.724 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

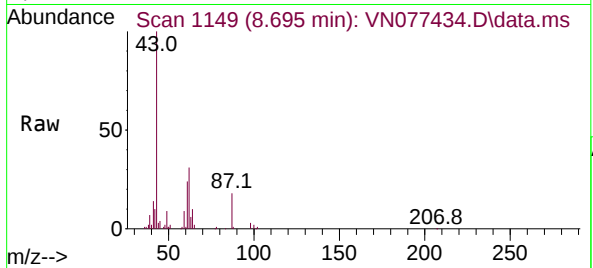
Tgt Ion: 62 Resp: 104101
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 11.060 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

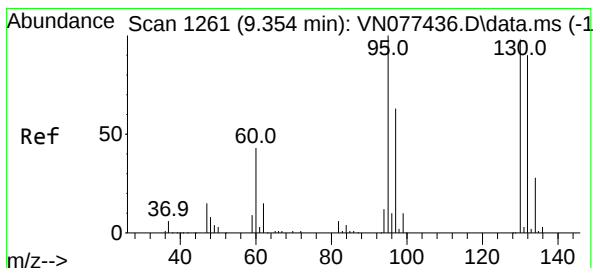
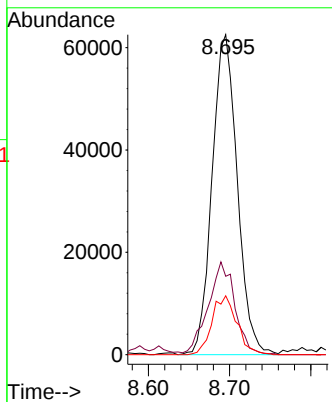
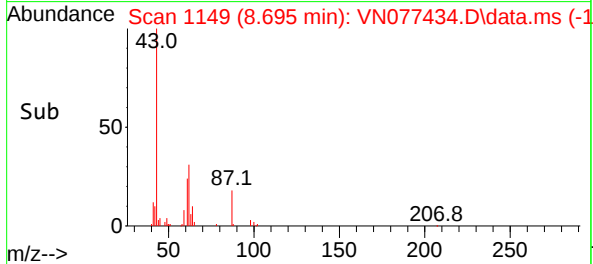
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 13489
Ion Ratio Lower Upper
43 100
61 30.9 24.7 37.1
87 18.3 14.6 21.8

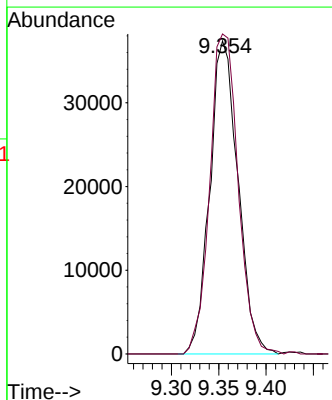
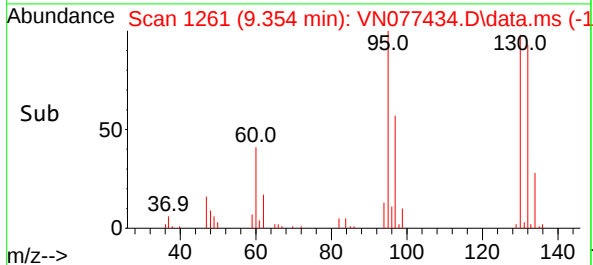
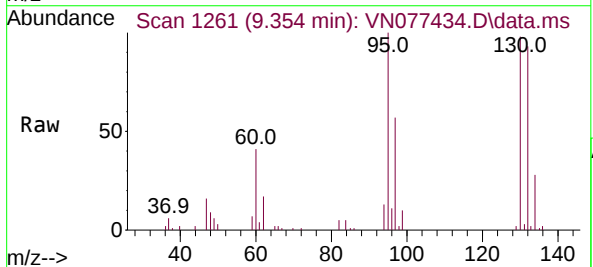
Manual Integrations
APPROVED

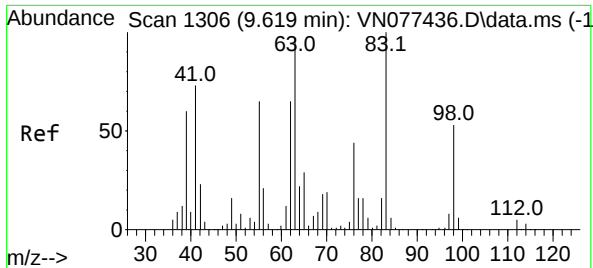
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#44
Trichloroethene
Concen: 10.710 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion:130 Resp: 77503
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 11.387 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 7538

Ion Ratio Lower Upper

63 100

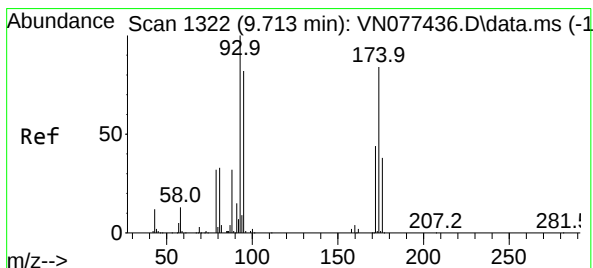
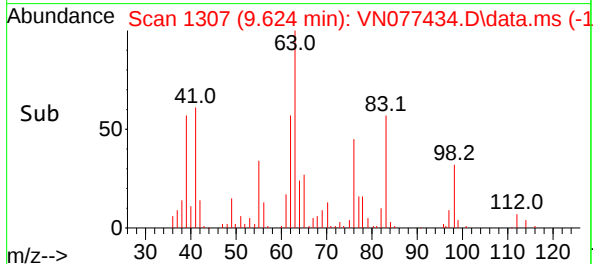
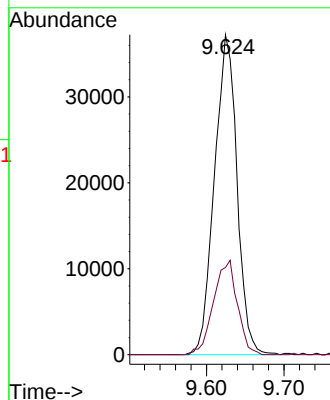
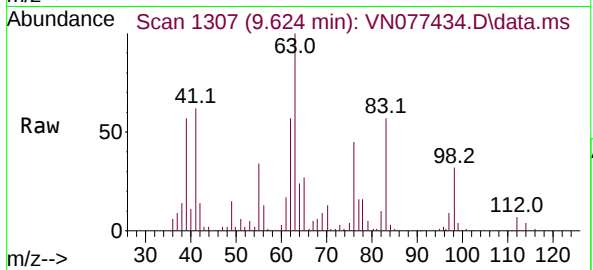
65 27.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#46

Dibromomethane

Concen: 10.827 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

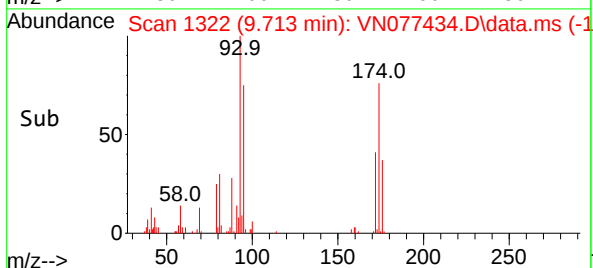
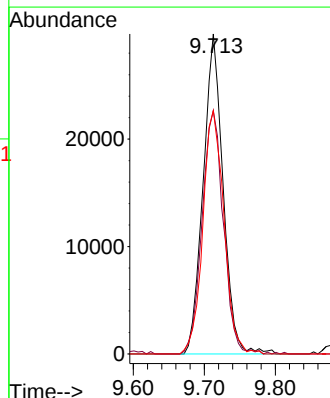
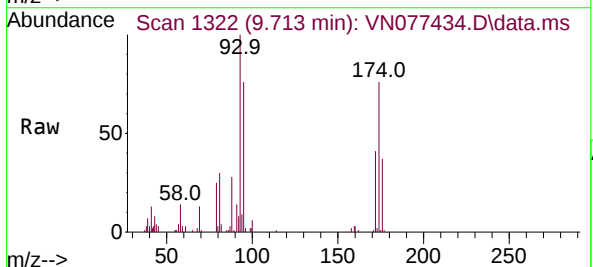
Tgt Ion: 93 Resp: 58163

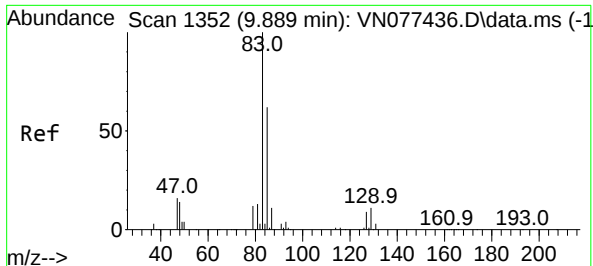
Ion Ratio Lower Upper

93 100

95 81.4 63.8 95.8

174 80.7 65.6 98.4





#47

Bromodichloromethane

Concen: 10.919 ug/l

RT: 9.895 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

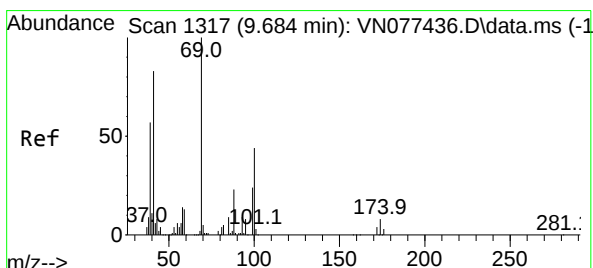
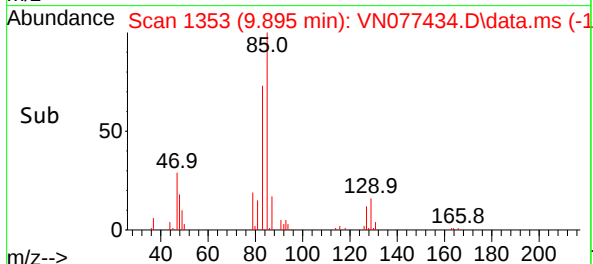
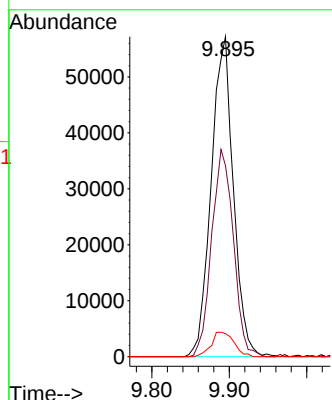
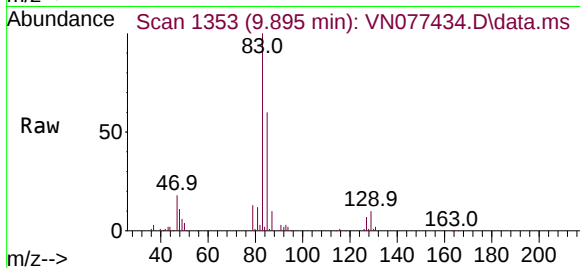
Tgt Ion:	83	Resp:	11345
Ion	Ratio	Lower	Upper
83	100		
85	59.7	49.6	74.4
127	7.2	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#48

Methyl methacrylate

Concen: 10.211 ug/l

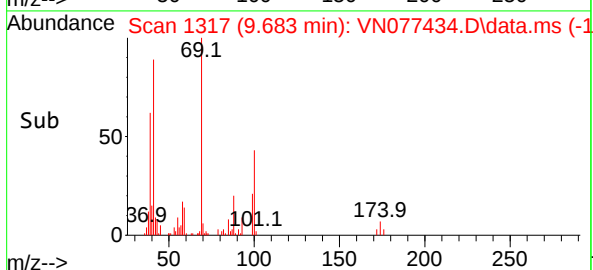
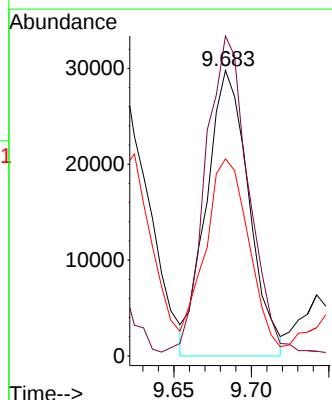
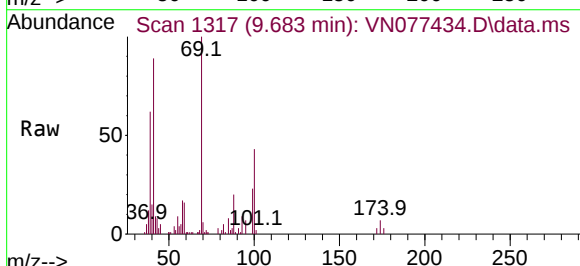
RT: 9.683 min Scan# 1317

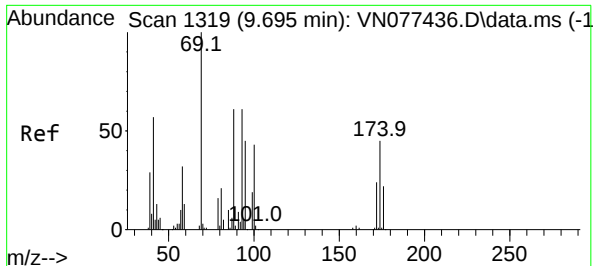
Delta R.T. -0.000 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

Tgt Ion:	41	Resp:	56685
Ion	Ratio	Lower	Upper
41	100		
69	116.2	90.4	135.6
39	72.1	54.6	81.8





#49

1,4-Dioxane

Concen: 208.959 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 29098

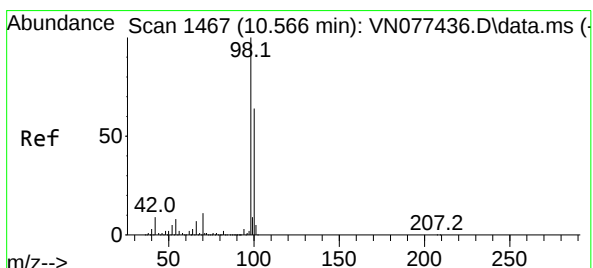
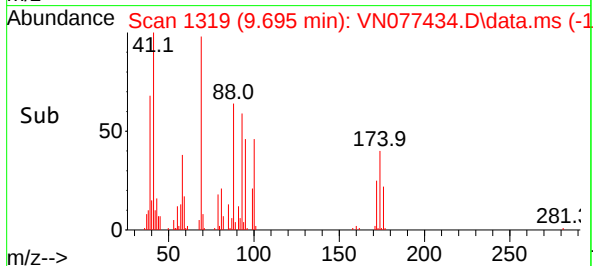
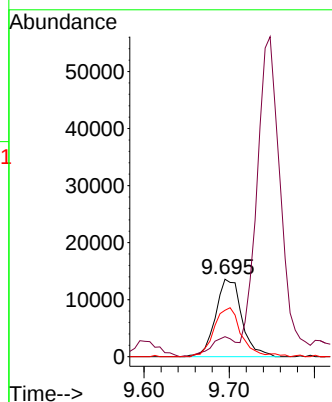
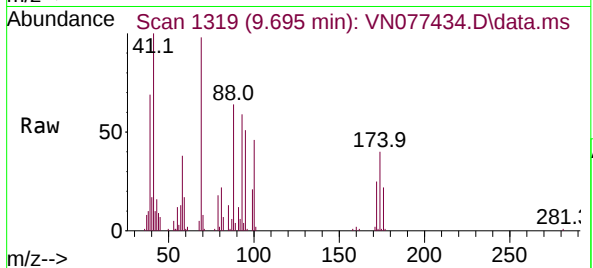
Ion	Ratio	Lower	Upper
88	100		
43	22.5	17.0	25.6
58	65.9	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#50

Toluene-d8

Concen: 10.068 ug/l

RT: 10.571 min Scan# 1468

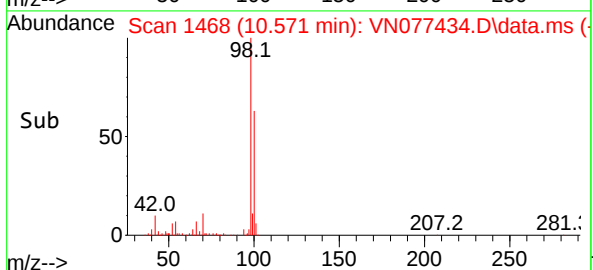
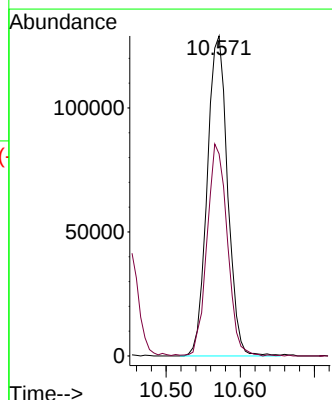
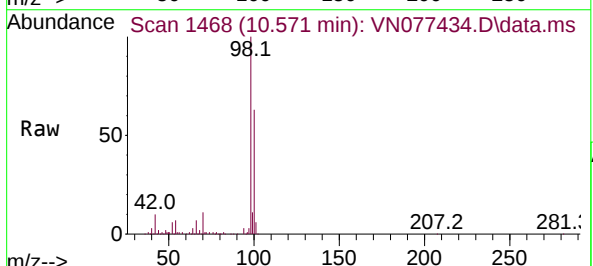
Delta R.T. 0.006 min

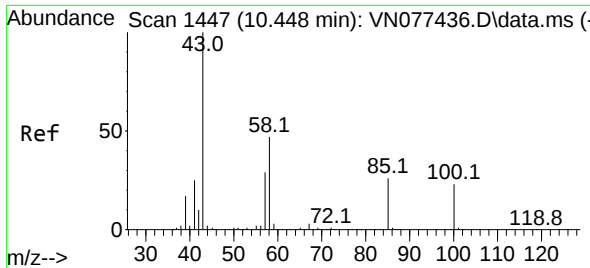
Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

Tgt Ion: 98 Resp: 246564

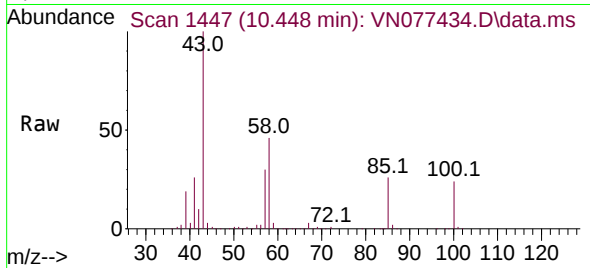
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 54.581 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

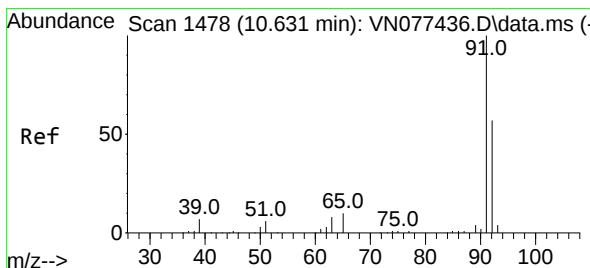
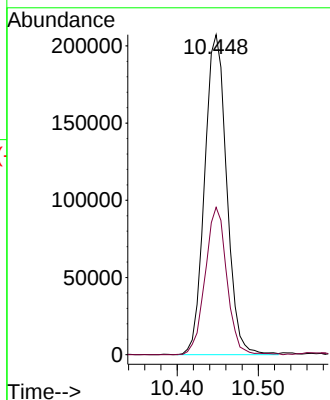
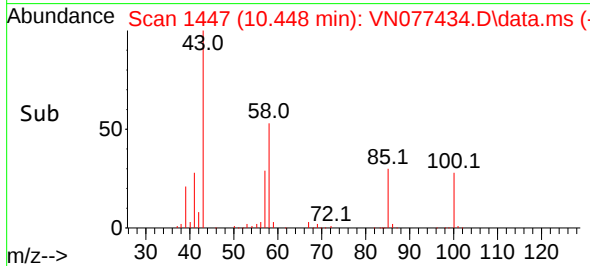
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 390450
Ion Ratio Lower Upper
43 100
58 45.3 36.6 54.8

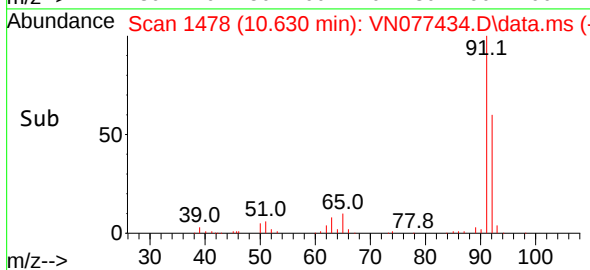
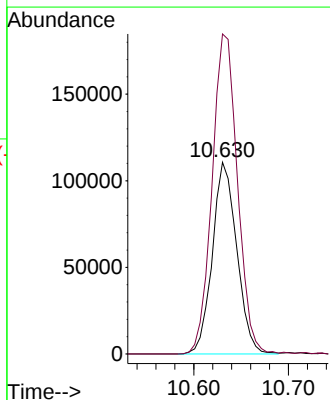
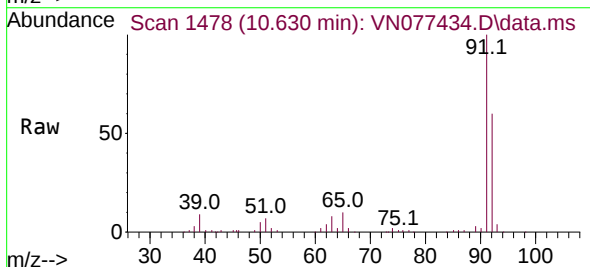
Manual Integrations
APPROVED

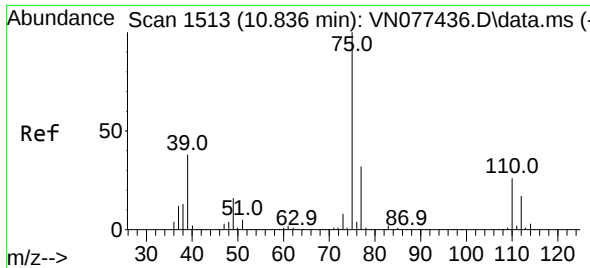
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#52
Toluene
Concen: 10.703 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

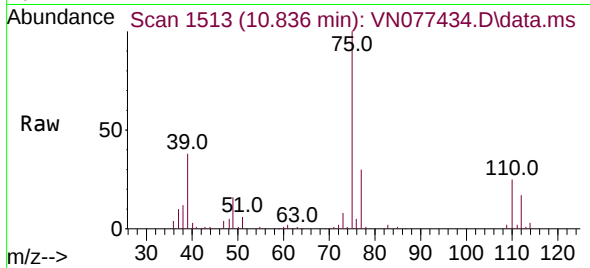
Tgt Ion: 92 Resp: 198163
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 10.367 ug/l
RT: 10.836 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

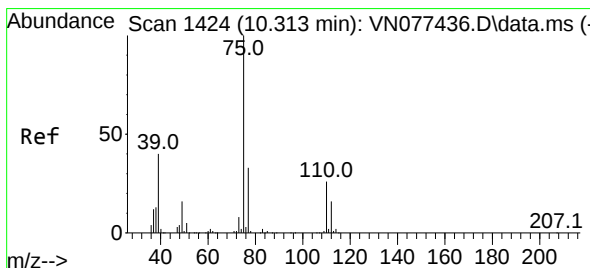
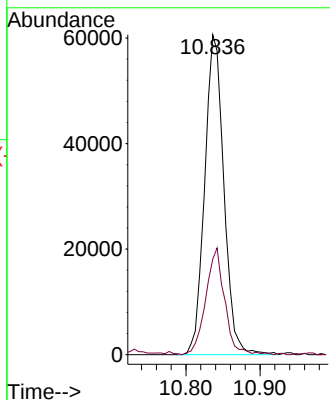
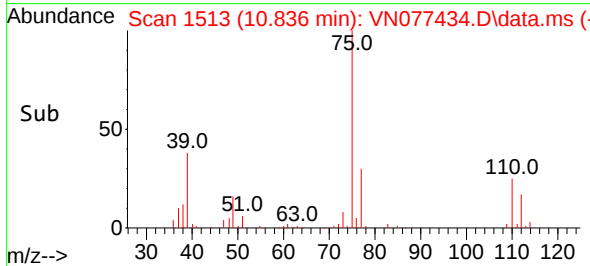
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



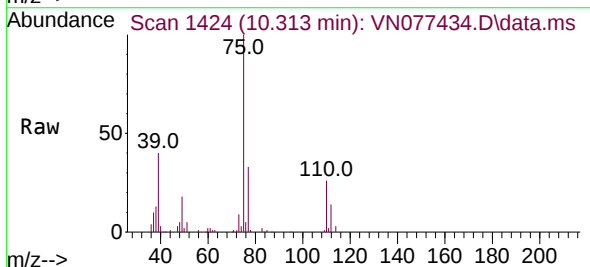
Tgt Ion: 75 Resp: 109083
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0

Manual Integrations
APPROVED

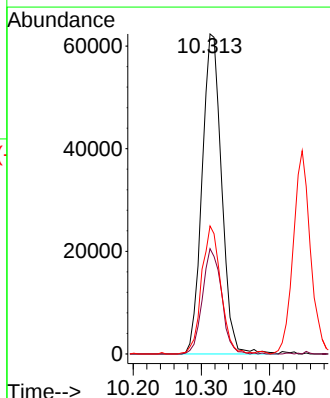
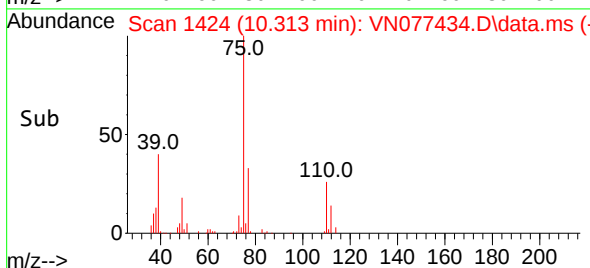
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

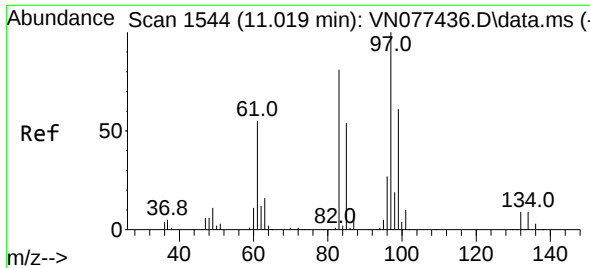


#54
cis-1,3-Dichloropropene
Concen: 10.849 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27



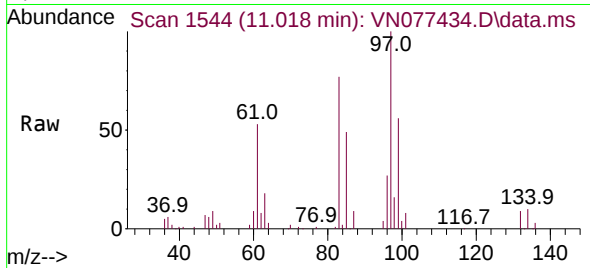
Tgt Ion: 75 Resp: 124248
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1
39 40.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 10.658 ug/l
RT: 11.018 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

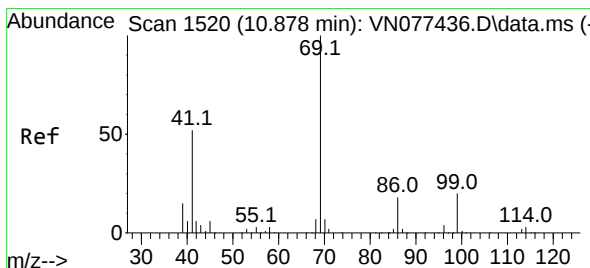
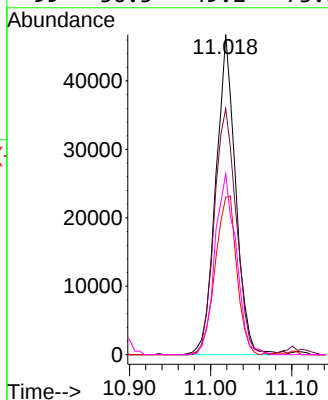
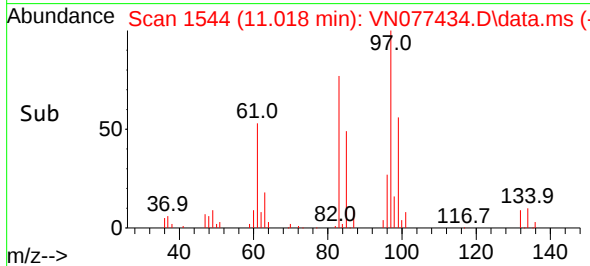
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:	97	Resp:	79349
Ion Ratio	100	Lower	Upper
97	100		
83	76.9	65.1	97.7
85	49.2	43.4	65.2
99	56.5	49.2	73.8

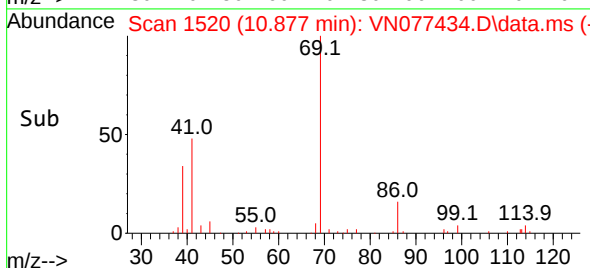
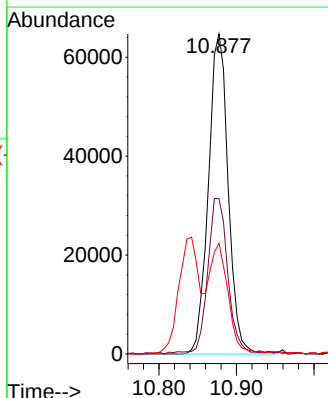
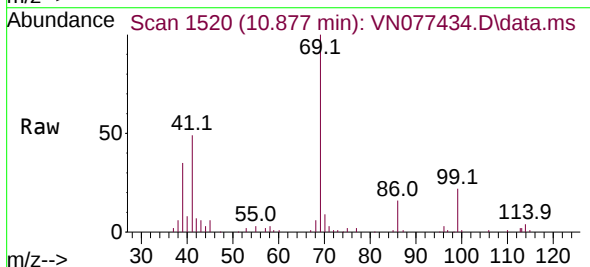
Manual Integrations
APPROVED

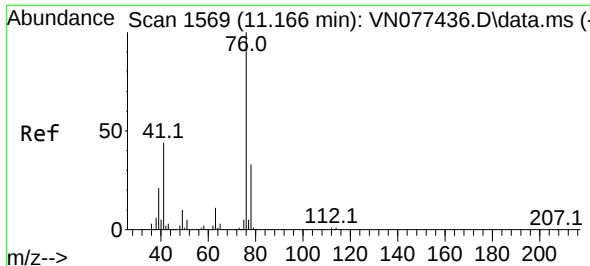
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#56
Ethyl methacrylate
Concen: 11.015 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion:	69	Resp:	114918
Ion Ratio	100	Lower	Upper
69	100		
41	49.5	39.6	59.4
39	30.6	28.6	43.0





#57

1,3-Dichloropropane

Concen: 10.780 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077434.D

Acq: 24 Apr 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 12784

Ion Ratio Lower Upper

76 100

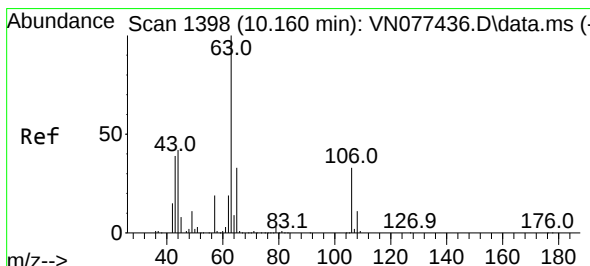
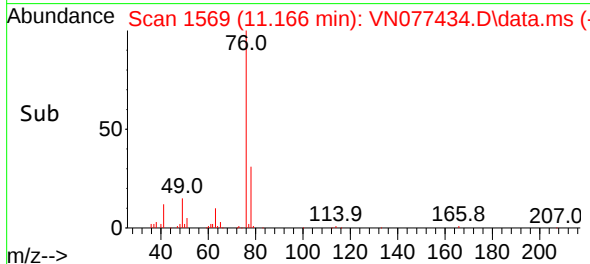
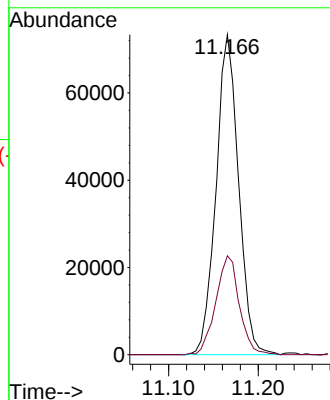
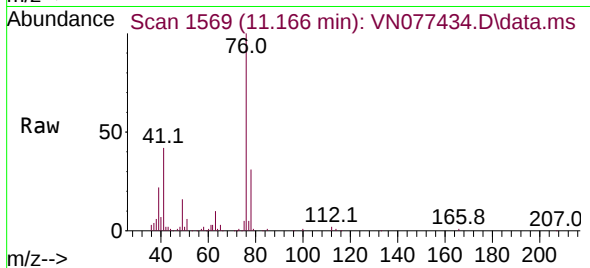
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 54.079 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077434.D

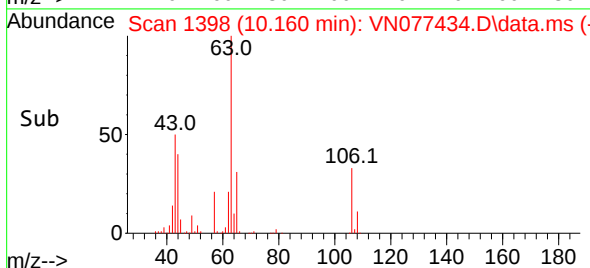
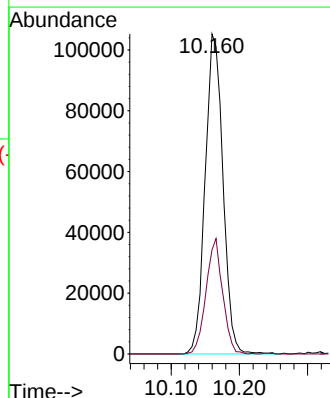
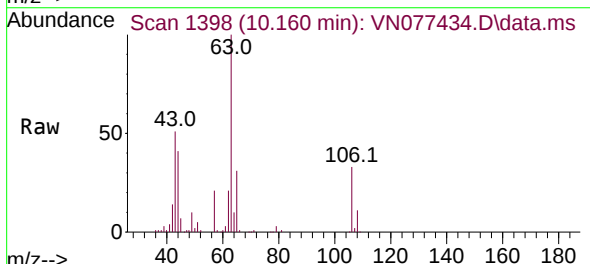
Acq: 24 Apr 2023 12:27

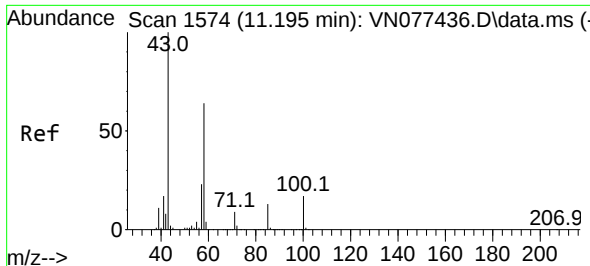
Tgt Ion: 63 Resp: 190827

Ion Ratio Lower Upper

63 100

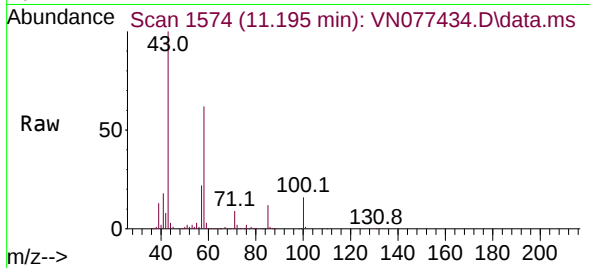
106 33.6 26.2 39.4





#59
2-Hexanone
Concen: 54.182 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

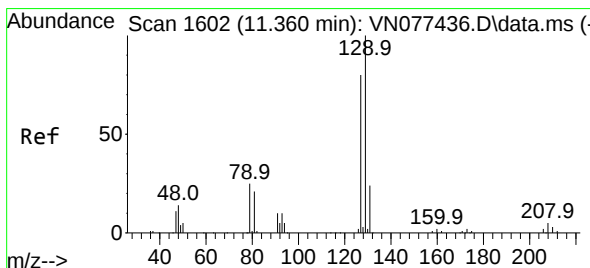
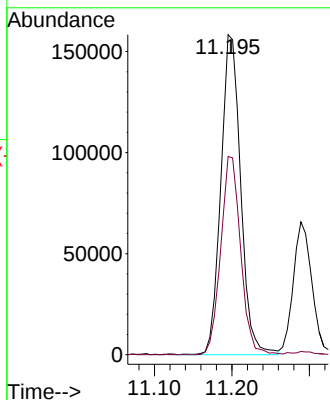
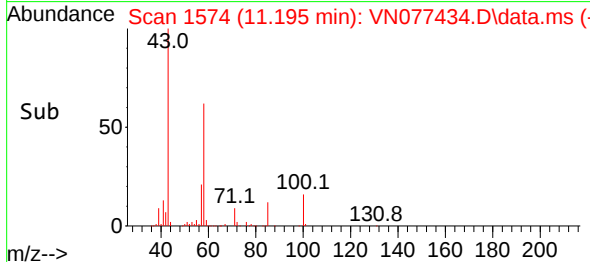
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 281738
Ion Ratio Lower Upper
43 100
58 62.1 31.7 95.1

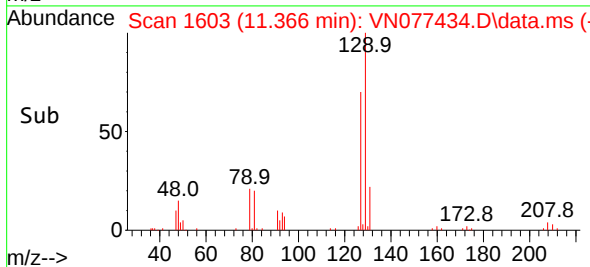
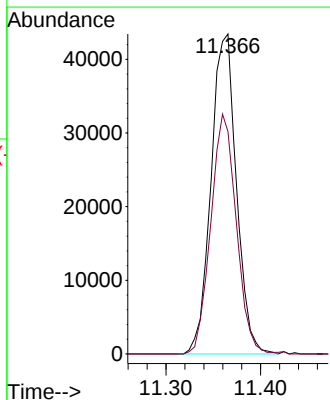
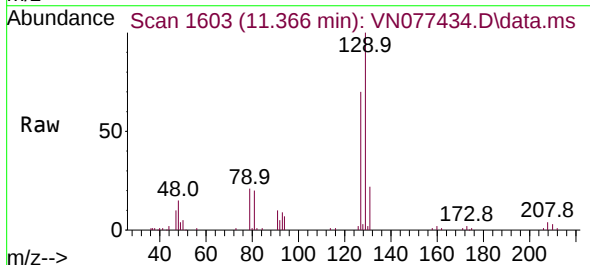
Manual Integrations
APPROVED

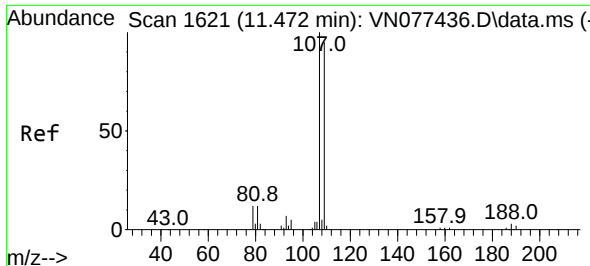
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#60
Dibromochloromethane
Concen: 10.481 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

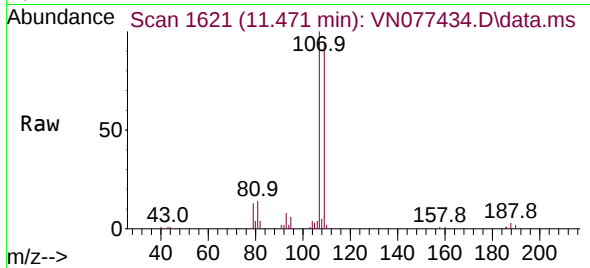
Tgt Ion:129 Resp: 80987
Ion Ratio Lower Upper
129 100
127 75.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 10.459 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

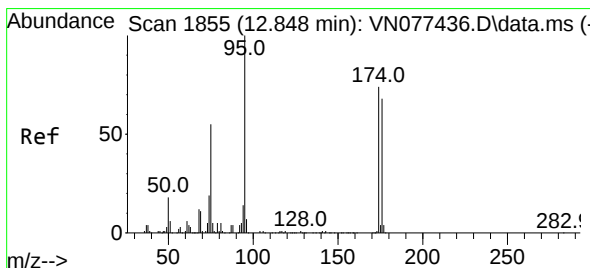
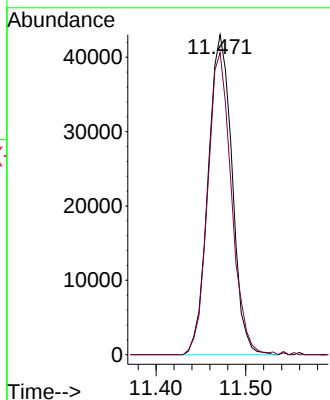
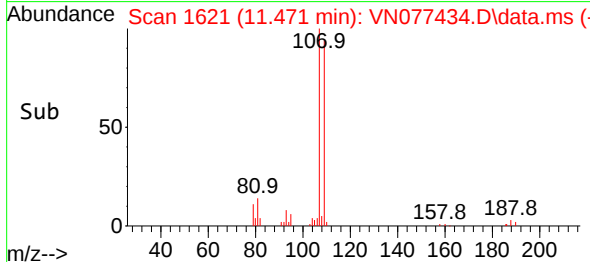
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



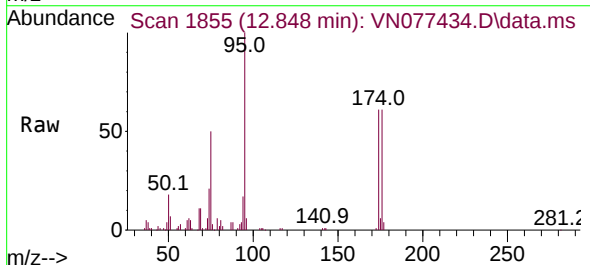
Tgt Ion:107 Resp: 7950
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

Manual Integrations
APPROVED

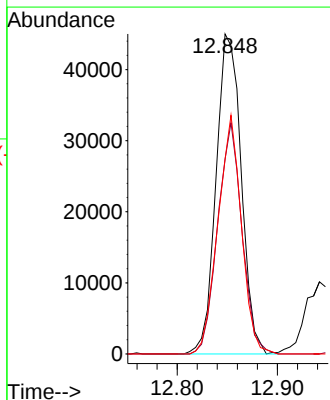
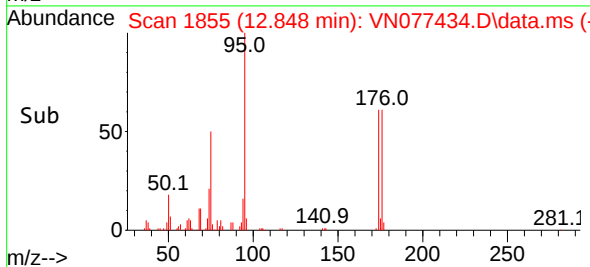
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

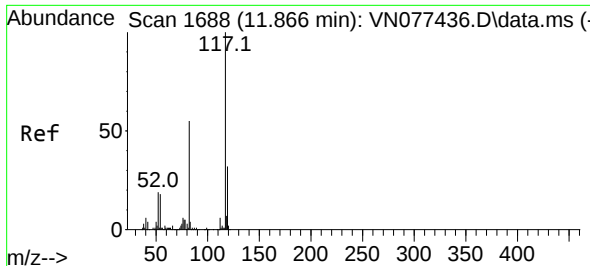


#62
4-Bromofluorobenzene
Concen: 9.752 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27



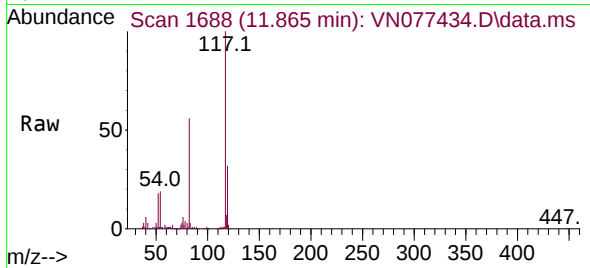
Tgt Ion: 95 Resp: 78283
Ion Ratio Lower Upper
95 100
174 69.7 0.0 143.8
176 69.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

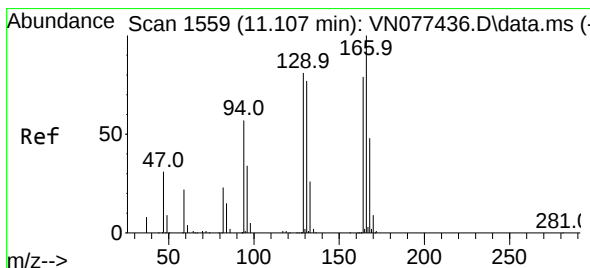
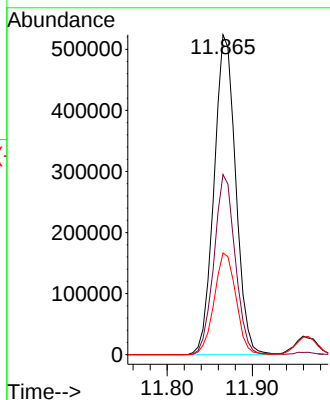
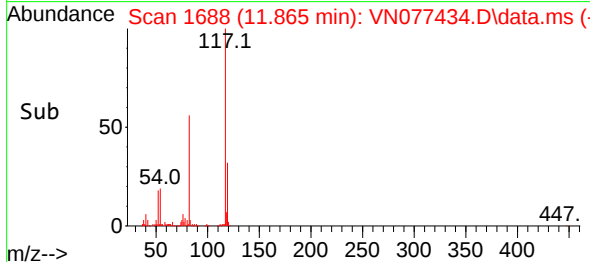
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



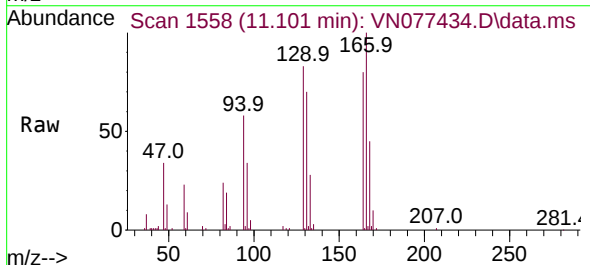
Tgt Ion:117 Resp: 925420
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.8 25.6 38.4

Manual Integrations
APPROVED

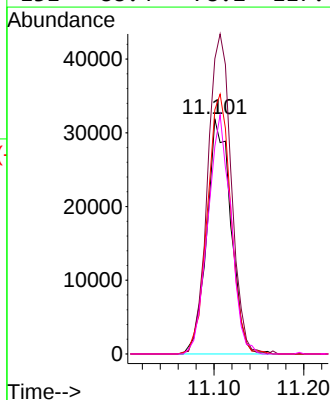
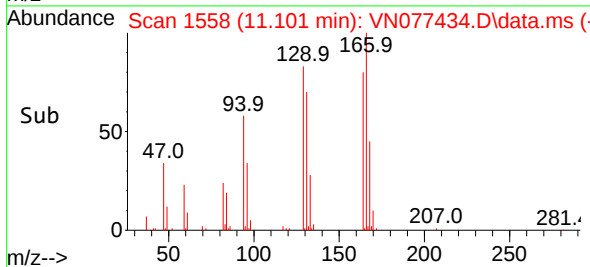
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

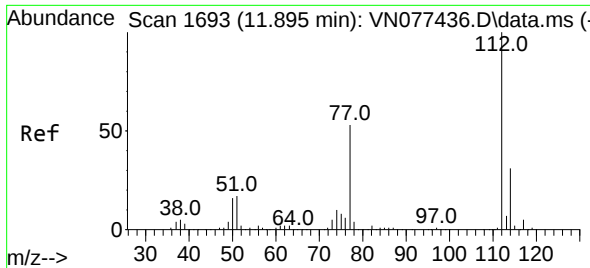


#64
Tetrachloroethene
Concen: 10.705 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27



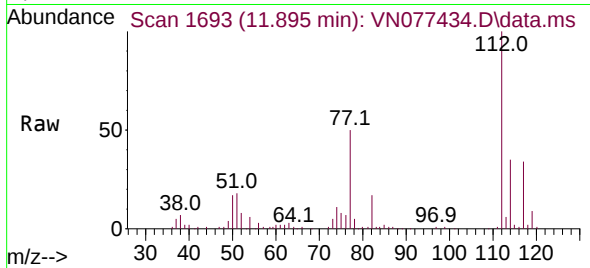
Tgt Ion:164 Resp: 59301
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 104.0 82.4 123.6
131 88.4 78.2 117.4





#65
Chlorobenzene
Concen: 10.649 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

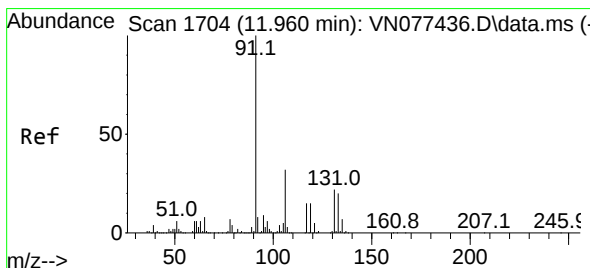
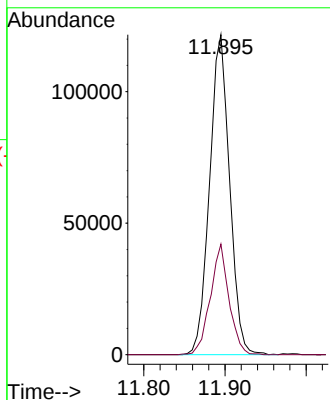
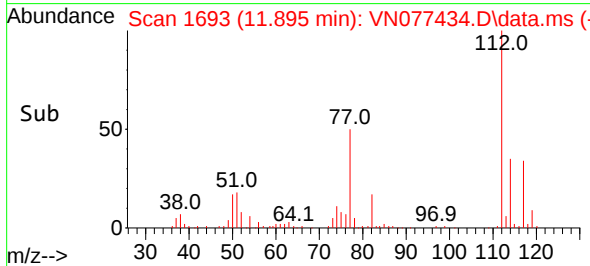
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



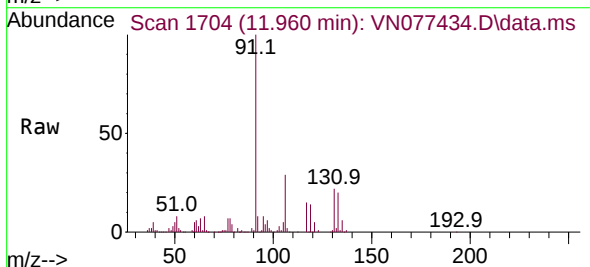
Tgt Ion:112 Resp: 208544
Ion Ratio Lower Upper
112 100
114 34.6 25.0 37.4

Manual Integrations
APPROVED

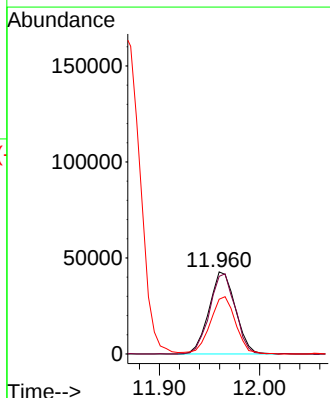
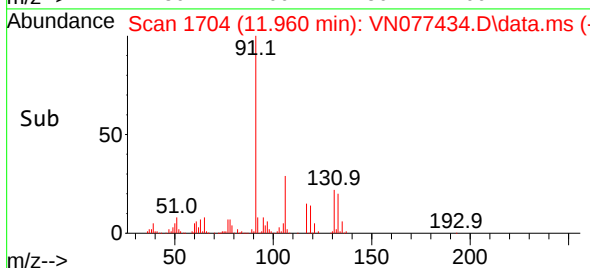
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

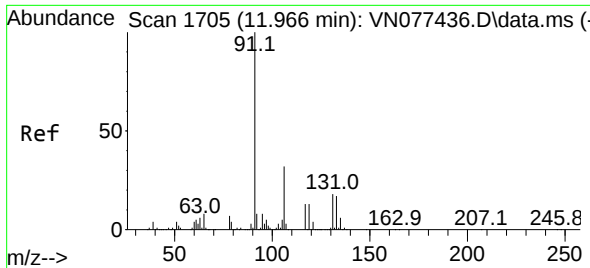


#66
1,1,1,2-Tetrachloroethane
Concen: 10.964 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27



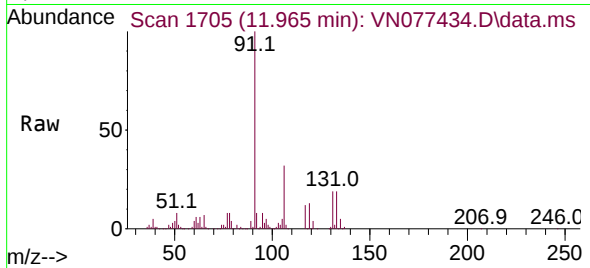
Tgt Ion:131 Resp: 78113
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 67.5 34.1 102.2





#67
Ethyl Benzene
Concen: 10.952 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

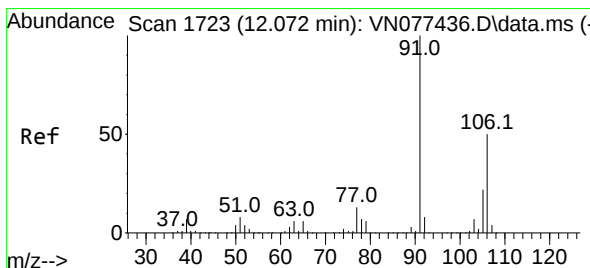
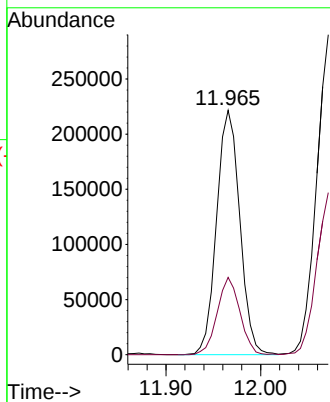
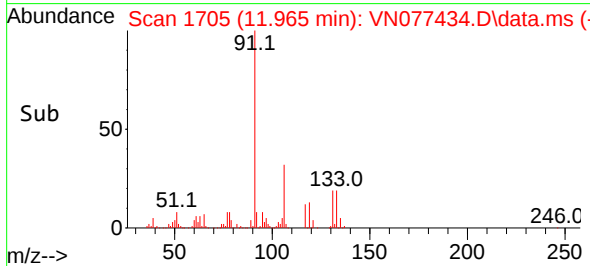
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



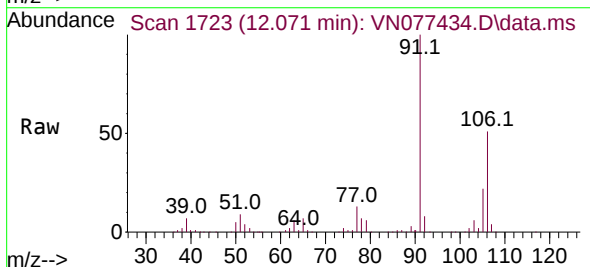
Tgt Ion: 91 Resp: 377559
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
APPROVED

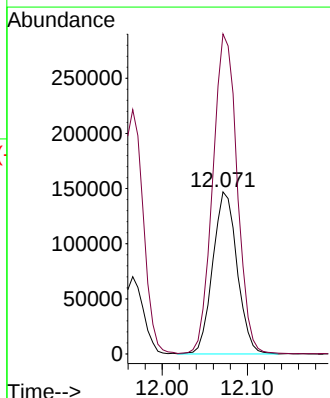
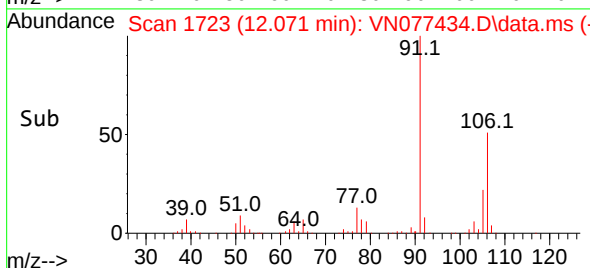
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

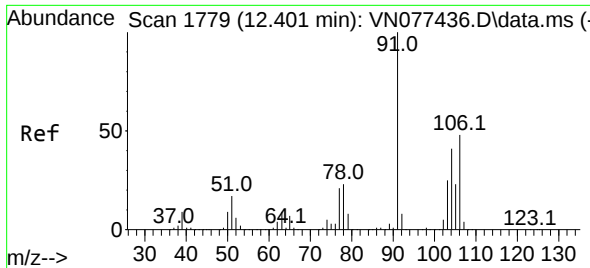


#68
m/p-Xylenes
Concen: 21.810 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27



Tgt Ion:106 Resp: 292212
Ion Ratio Lower Upper
106 100
91 197.7 159.6 239.4





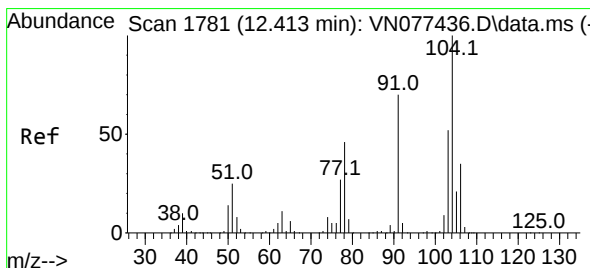
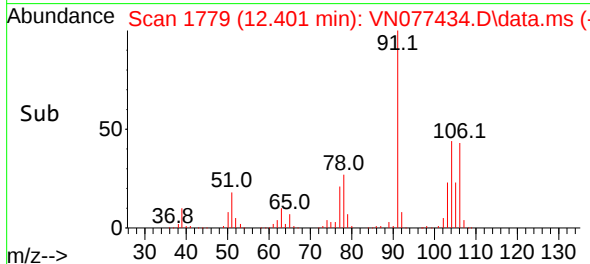
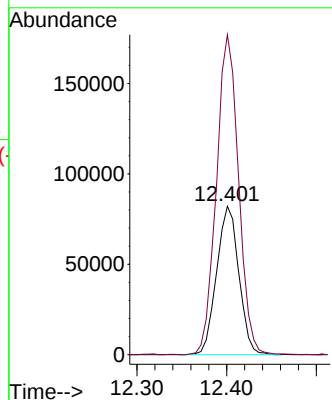
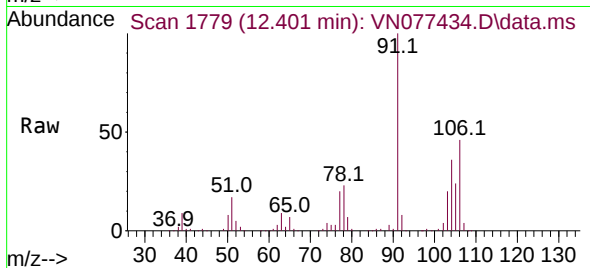
#69
o-Xylene
Concen: 10.699 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 140993
Ion Ratio Lower Upper
106 100
91 215.6 105.2 315.5

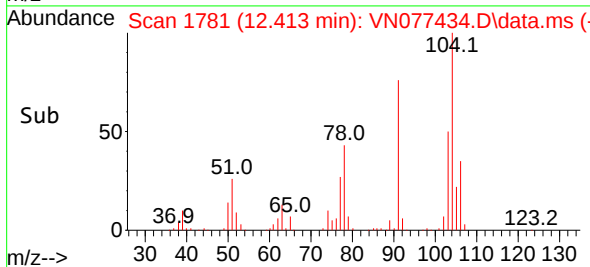
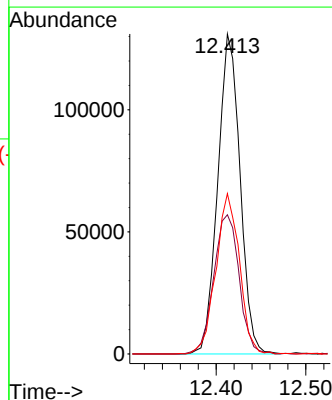
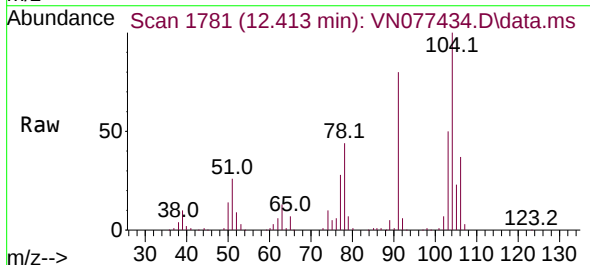
Manual Integrations
APPROVED

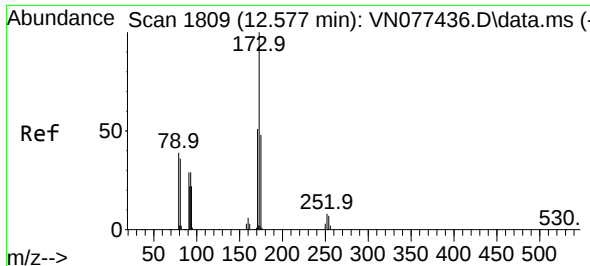
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#70
Styrene
Concen: 10.979 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

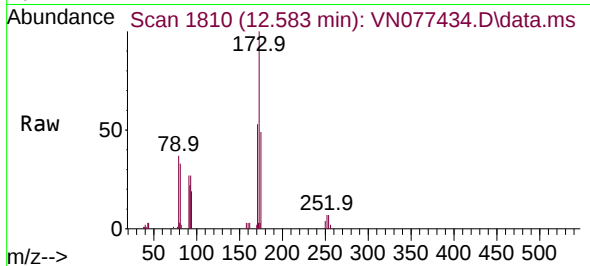
Tgt Ion:104 Resp: 226265
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 52.9 43.2 64.8





#71
Bromoform
Concen: 10.488 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

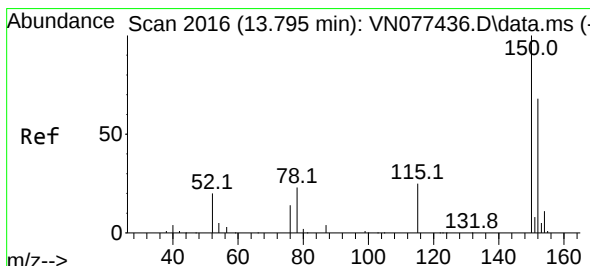
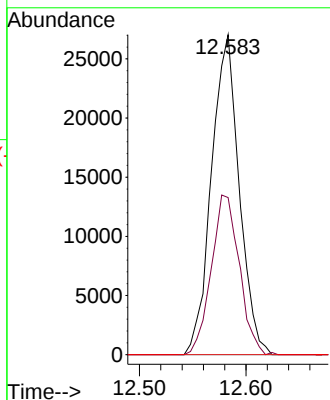
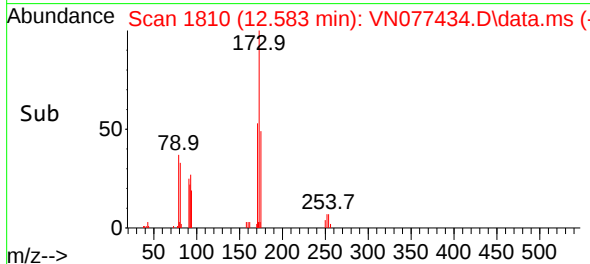
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



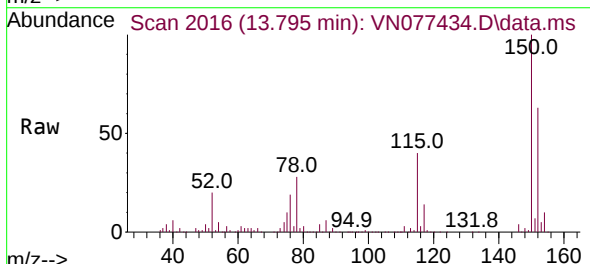
Tgt Ion:173 Resp: 48889
Ion Ratio Lower Upper
173 100
175 50.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

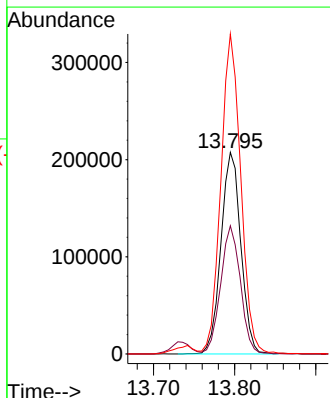
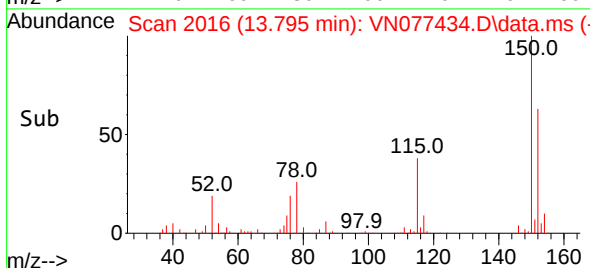
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

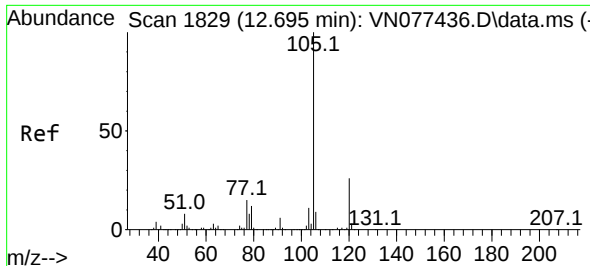


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27



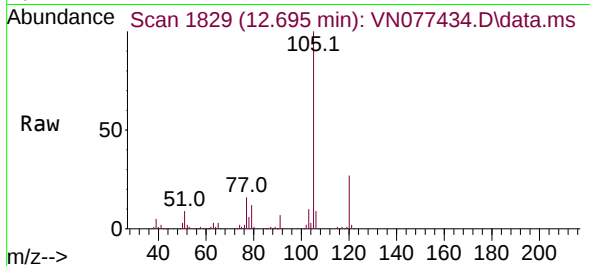
Tgt Ion:152 Resp: 353229
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 159.4 0.0 355.8





#73
Isopropylbenzene
Concen: 10.800 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

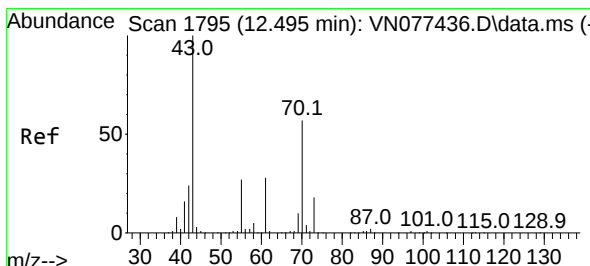
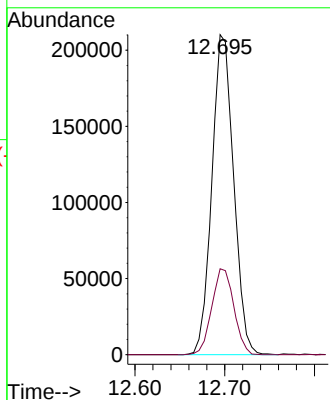
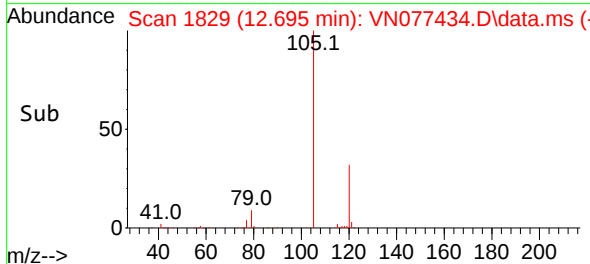
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



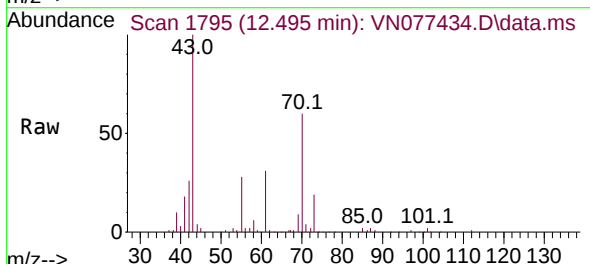
Tgt Ion:105 Resp: 35401
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1

Manual Integrations
APPROVED

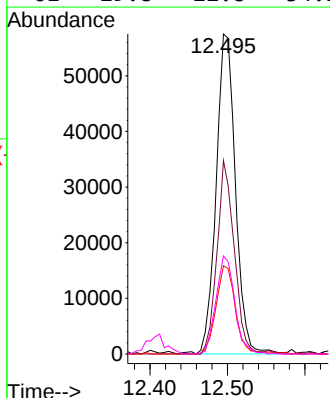
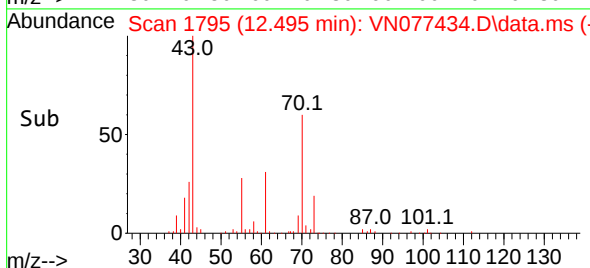
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

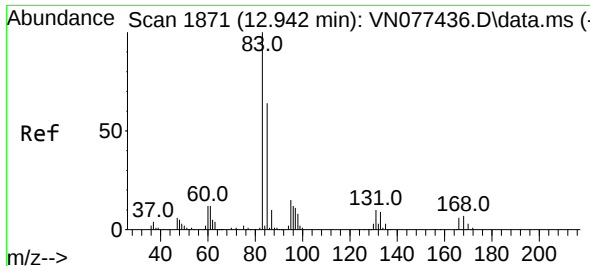


#74
N-ethyl acetate
Concen: 10.310 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27



Tgt Ion: 43 Resp: 100052
Ion Ratio Lower Upper
43 100
70 53.7 43.4 65.2
55 27.1 21.4 32.0
61 29.8 22.8 34.2





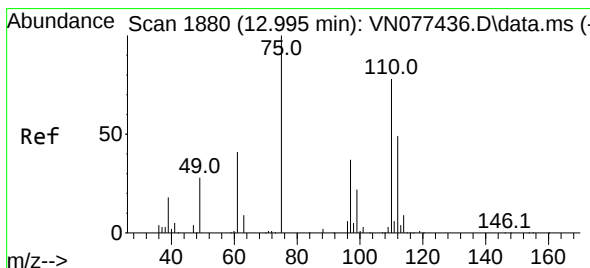
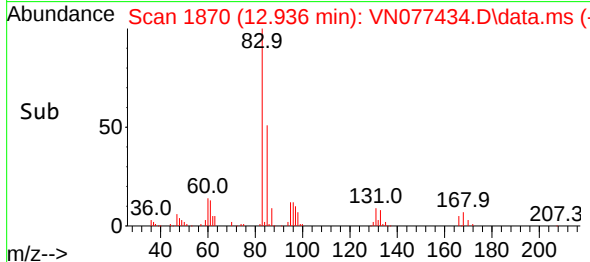
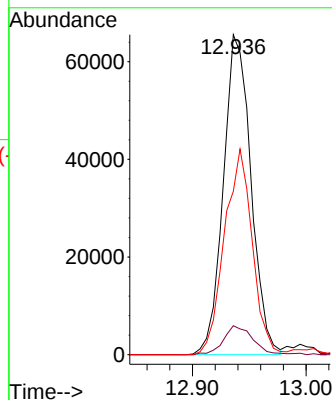
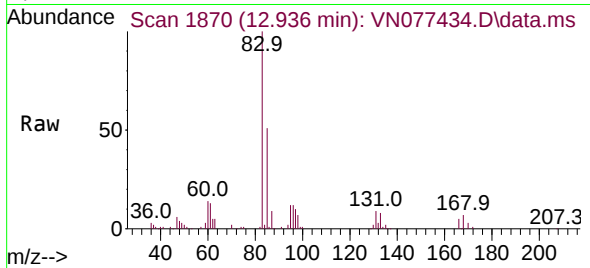
#75
1,1,2,2-Tetrachloroethane
Concen: 10.758 ug/l
RT: 12.936 min Scan# 11080
Delta R.T. -0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 11080
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.7 31.9 95.7

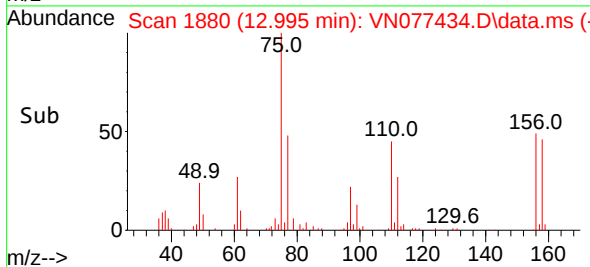
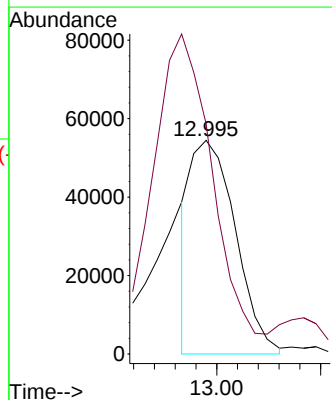
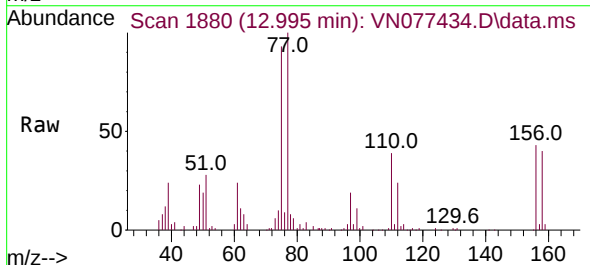
Manual Integrations
APPROVED

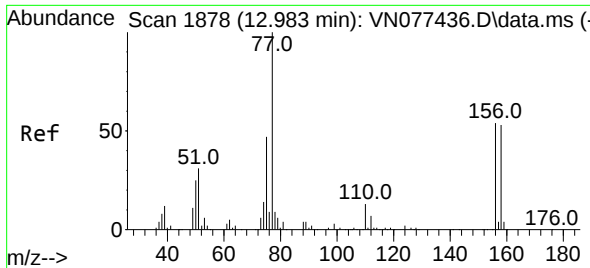
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#76
1,2,3-Trichloropropane
Concen: 9.720 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

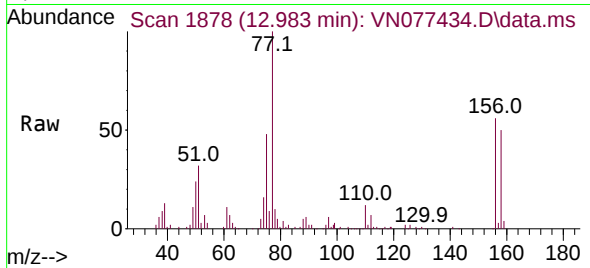
Tgt Ion: 75 Resp: 81578
Ion Ratio Lower Upper
75 100
77 204.5 84.5 253.5





#77
Bromobenzene
Concen: 10.945 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

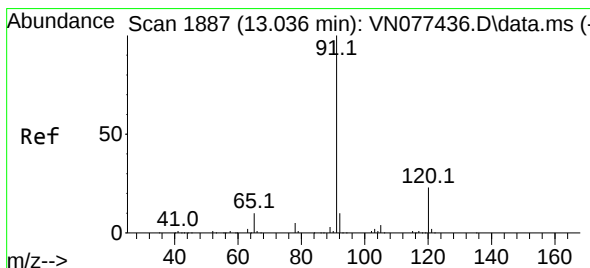
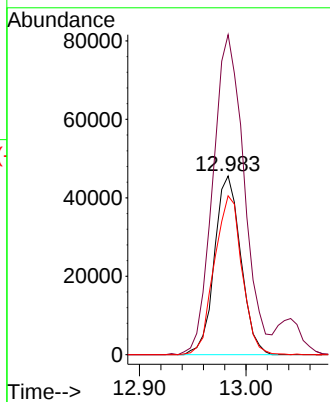
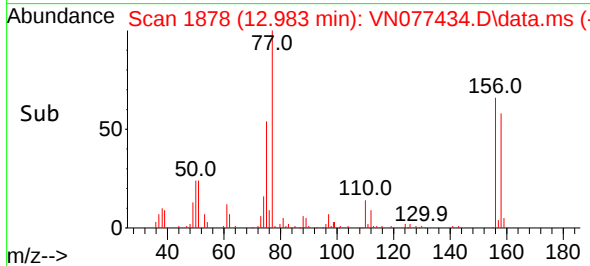
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:156 Resp: 78180
Ion Ratio Lower Upper
156 100
77 213.4 107.7 323.3
158 93.5 48.4 145.3

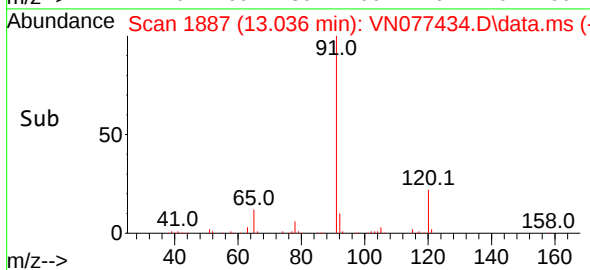
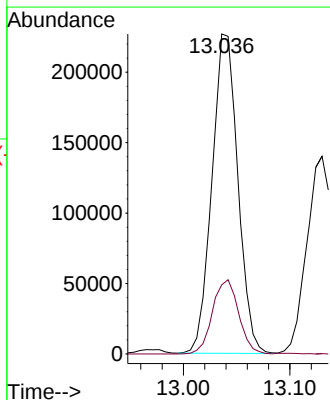
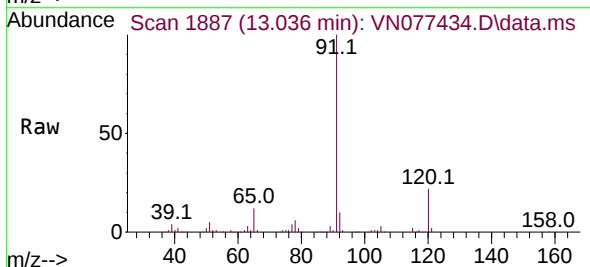
Manual Integrations
APPROVED

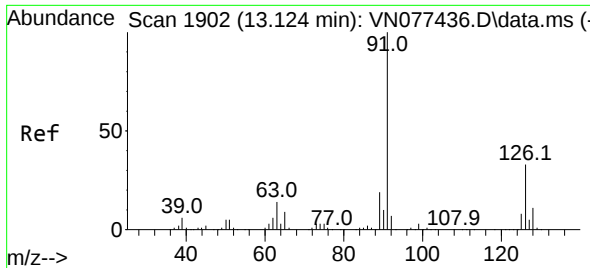
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#78
n-propylbenzene
Concen: 10.557 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 91 Resp: 382602
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





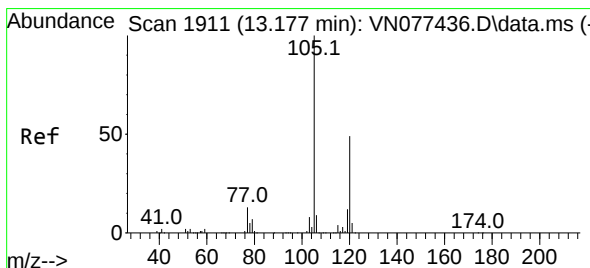
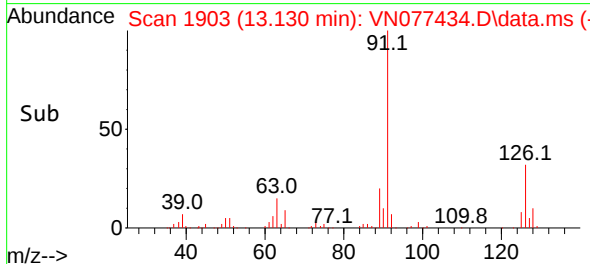
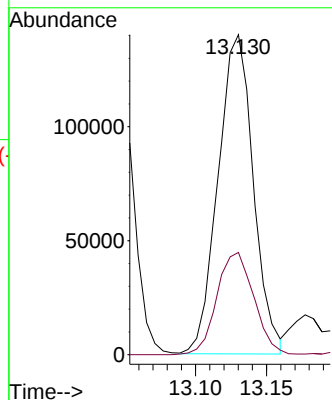
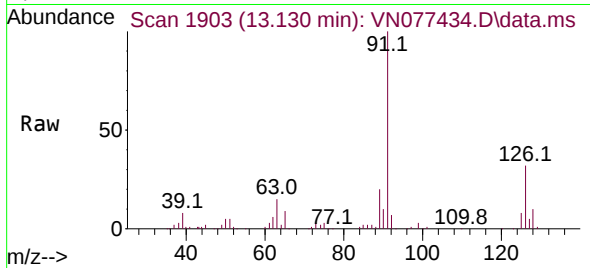
#79
2-Chlorotoluene
Concen: 10.835 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 242117
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

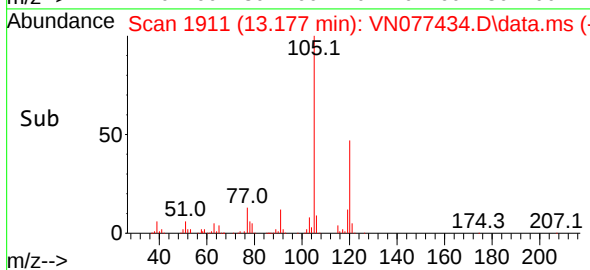
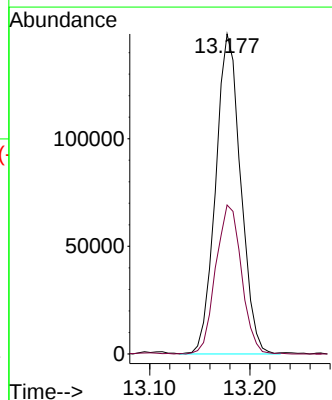
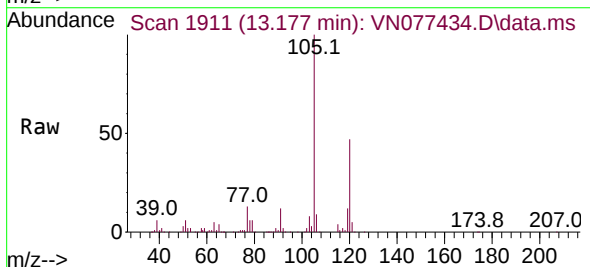
Manual Integrations
APPROVED

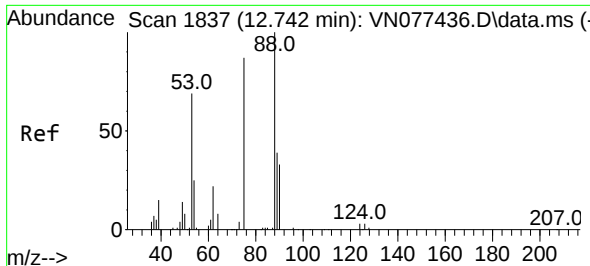
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 10.597 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

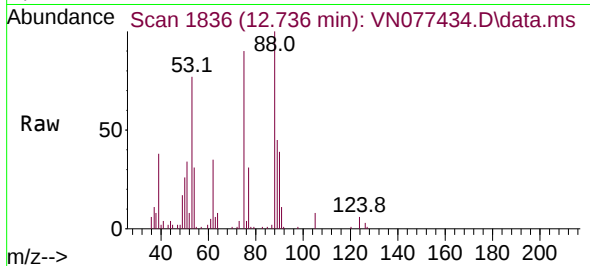
Tgt Ion:105 Resp: 257948
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 10.519 ug/l m
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

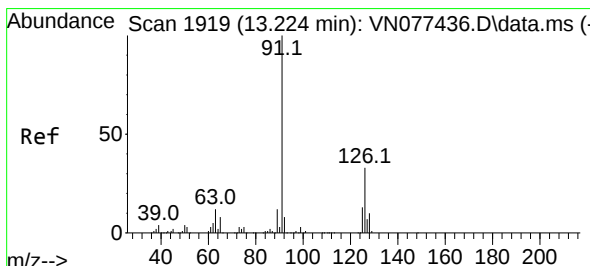
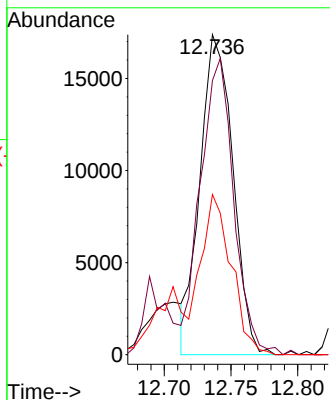
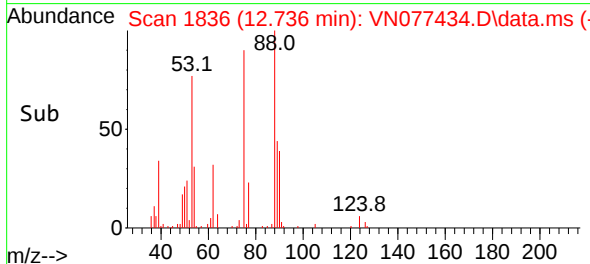
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 29744
Ion Ratio Lower Upper
75 100
53 93.8 67.4 101.2
89 45.8 38.8 58.2

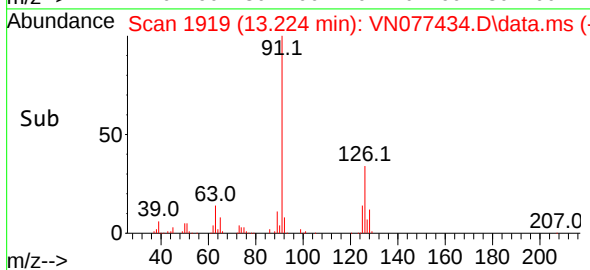
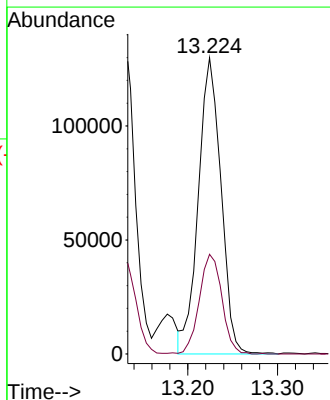
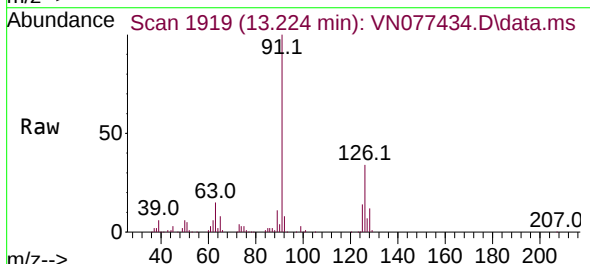
Manual Integrations
APPROVED

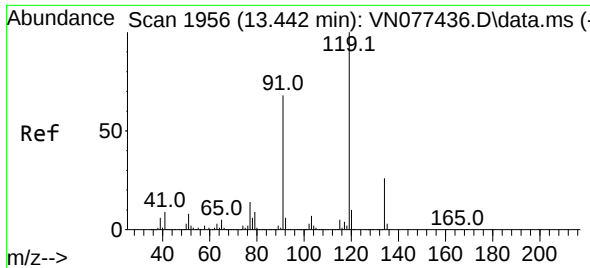
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#82
4-Chlorotoluene
Concen: 10.914 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 91 Resp: 227886
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0





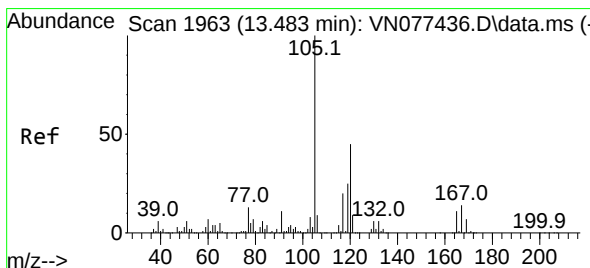
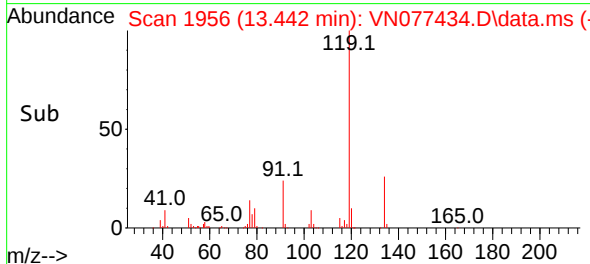
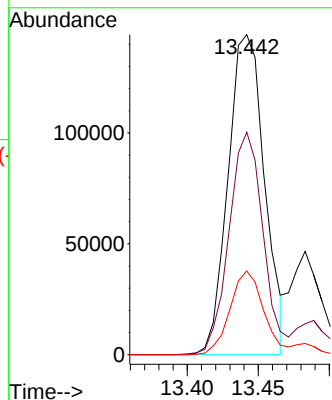
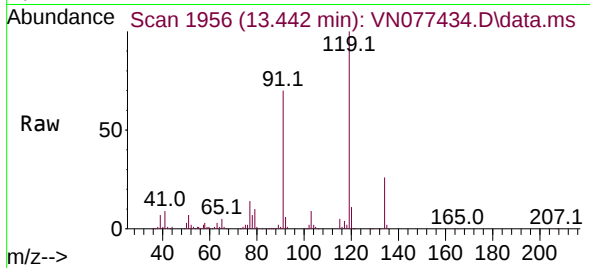
#83
tert-Butylbenzene
Concen: 10.918 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 25809
Ion Ratio Lower Upper
119 100
91 65.3 33.9 101.7
134 24.2 13.2 39.6

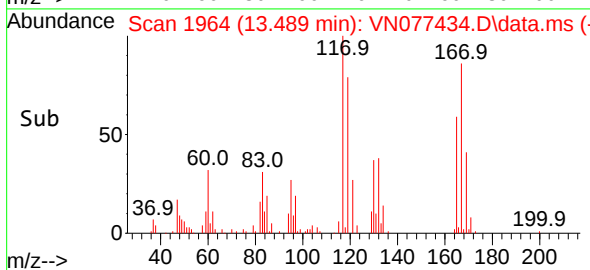
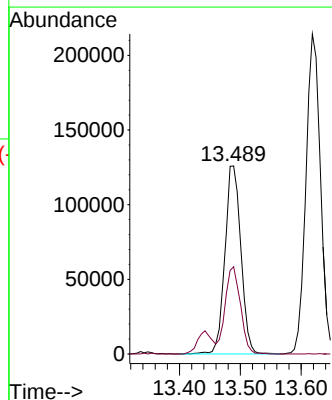
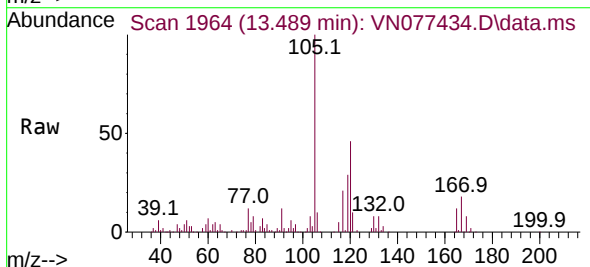
Manual Integrations
APPROVED

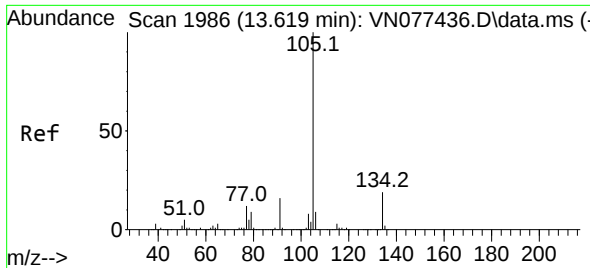
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 10.111 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion:105 Resp: 229864
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





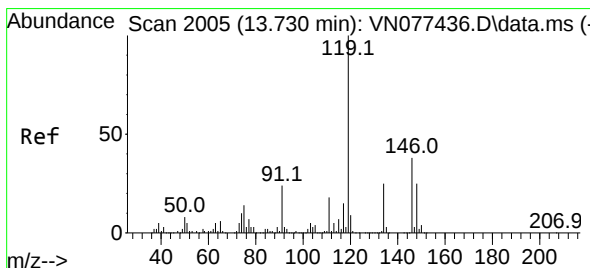
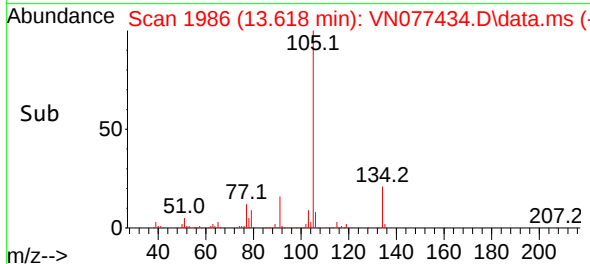
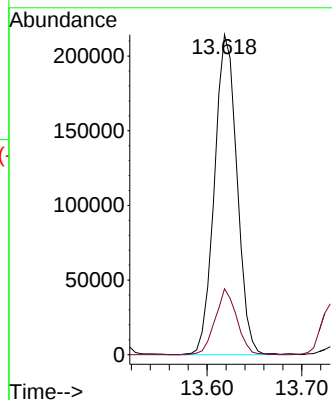
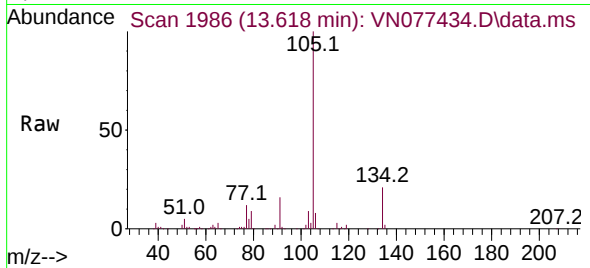
#85
 sec-Butylbenzene
 Concen: 10.914 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077434.D
 Acq: 24 Apr 2023 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 35412
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

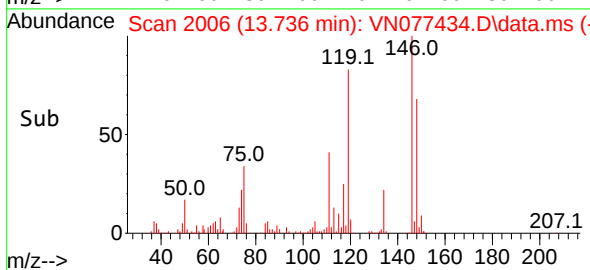
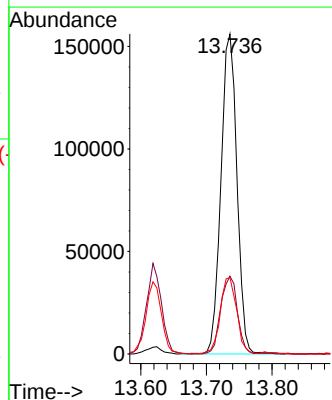
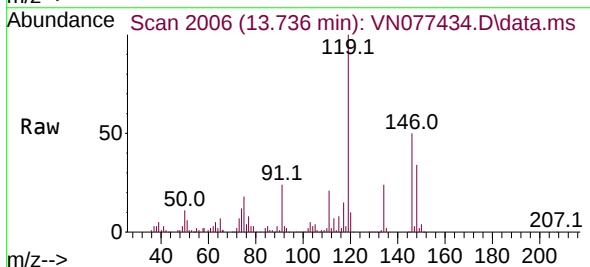
Manual Integrations
 APPROVED

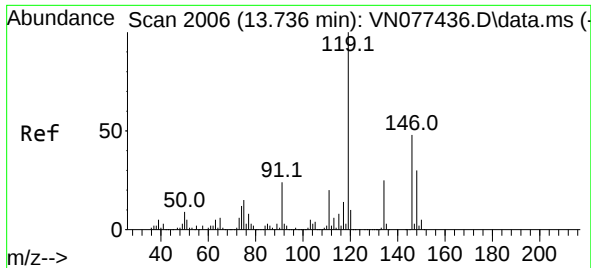
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#86
 p-Isopropyltoluene
 Concen: 10.543 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077434.D
 Acq: 24 Apr 2023 12:27

Tgt Ion:119 Resp: 263194
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.6 12.4 37.2





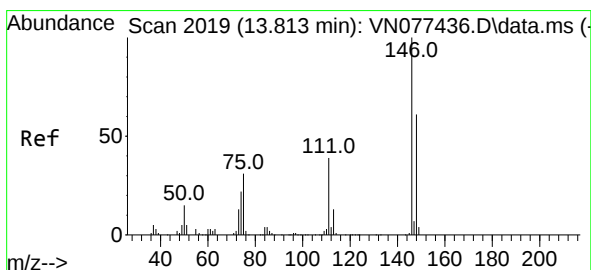
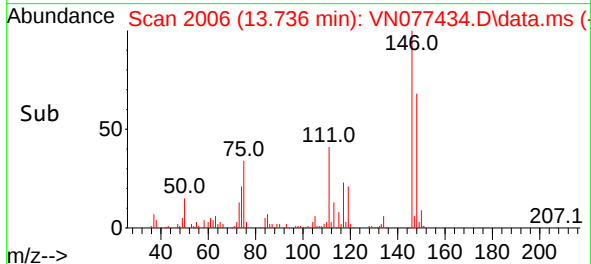
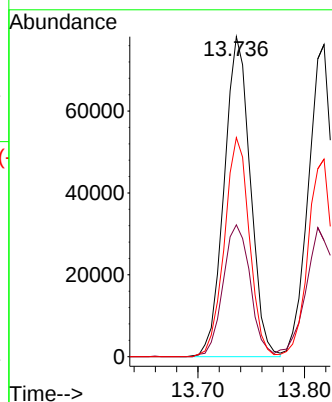
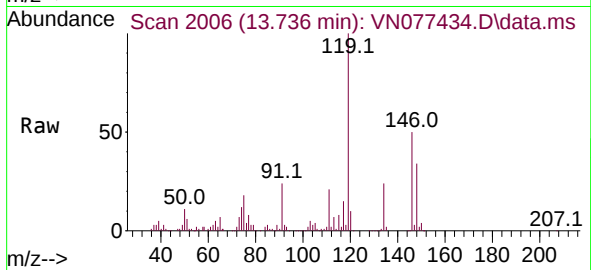
#87
1,3-Dichlorobenzene
Concen: 10.479 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 13313
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.3
148 65.6 32.0 96.0

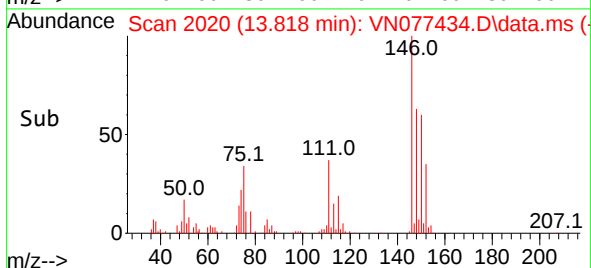
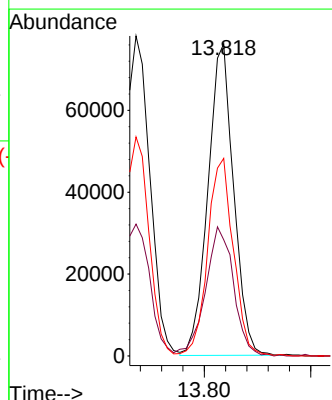
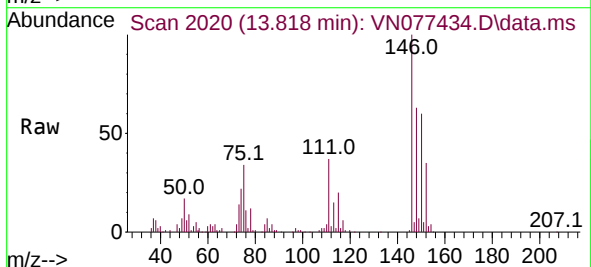
Manual Integrations
APPROVED

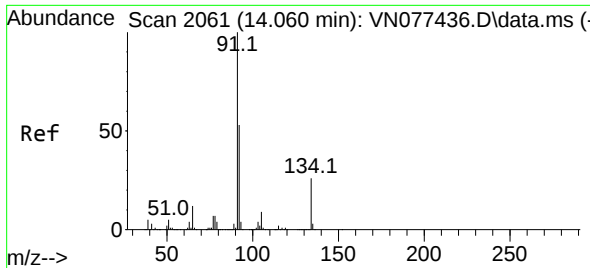
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#88
1,4-Dichlorobenzene
Concen: 10.169 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

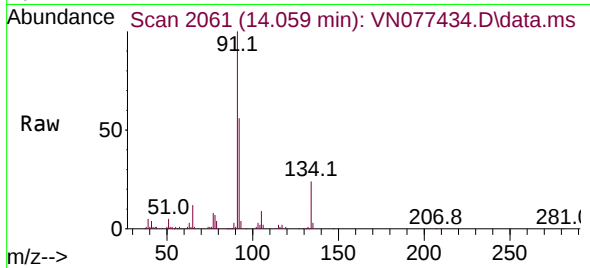
Tgt Ion:146 Resp: 127464
Ion Ratio Lower Upper
146 100
111 45.4 20.6 61.8
148 63.9 31.6 94.8





#89
n-Butylbenzene
Concen: 9.542 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

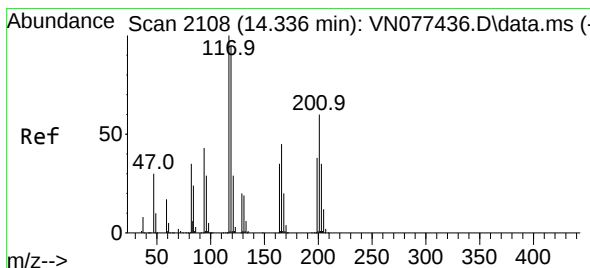
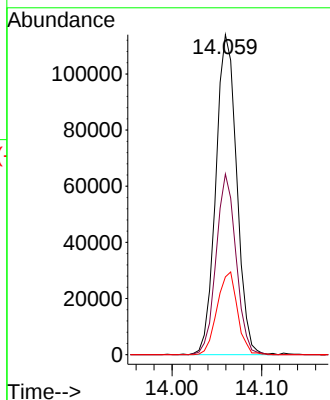
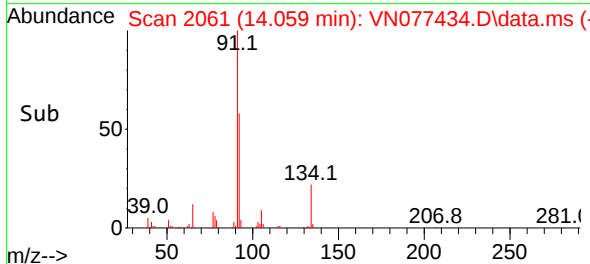
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 18434
Ion Ratio Lower Upper
91 100
92 53.8 26.4 79.0
134 25.2 12.6 37.6

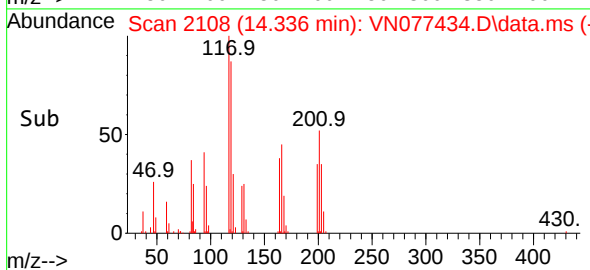
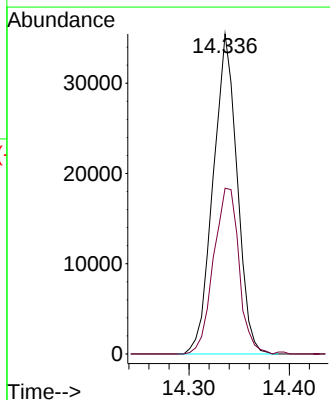
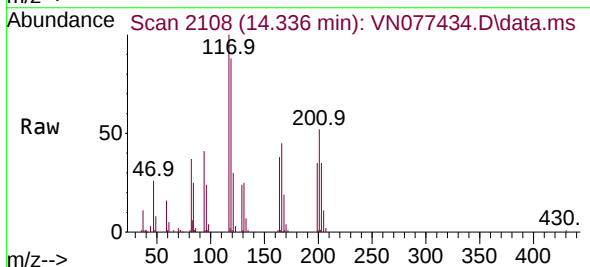
Manual Integrations
APPROVED

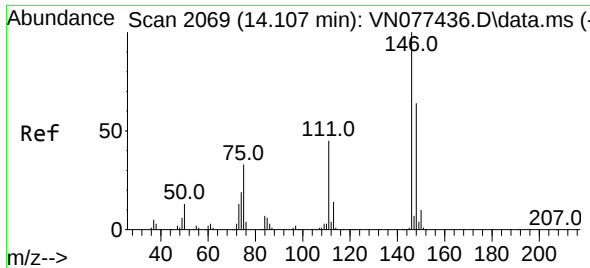
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#90
Hexachloroethane
Concen: 10.640 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion:117 Resp: 58686
Ion Ratio Lower Upper
117 100
201 55.2 29.3 88.0





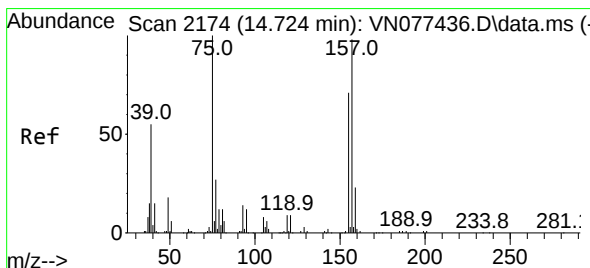
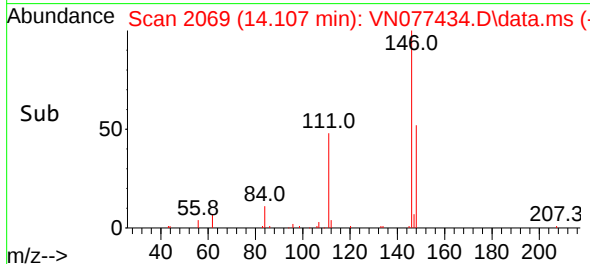
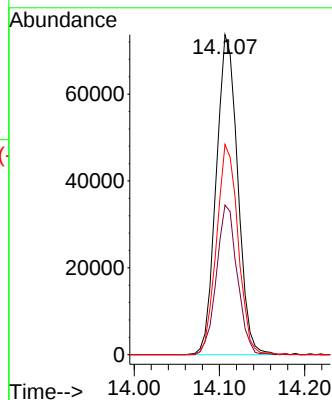
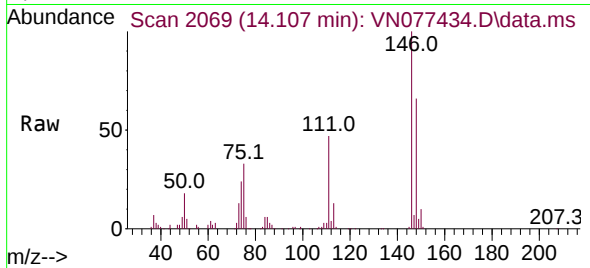
#91
1,2-Dichlorobenzene
Concen: 10.252 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 129180
Ion Ratio Lower Upper
146 100
111 45.3 22.0 66.0
148 65.8 31.8 95.3

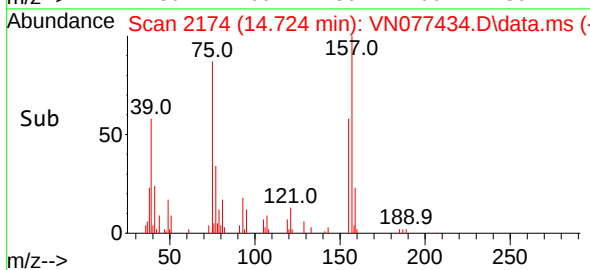
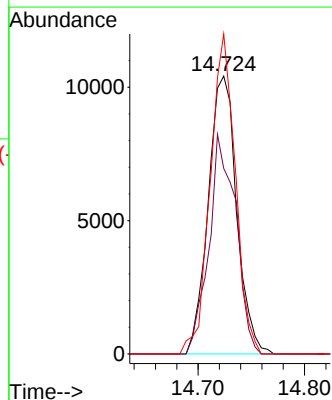
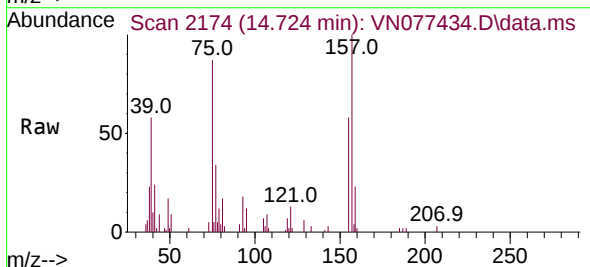
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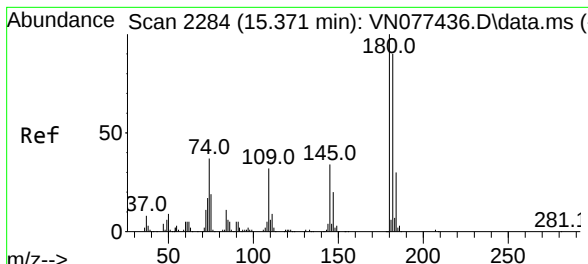
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.142 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Tgt Ion: 75 Resp: 19316
Ion Ratio Lower Upper
75 100
155 74.6 39.1 117.2
157 101.7 50.3 150.9





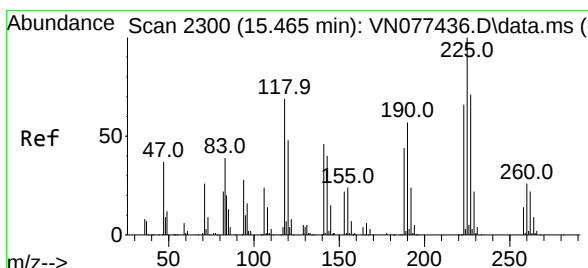
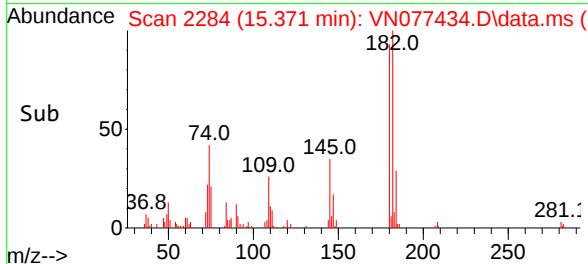
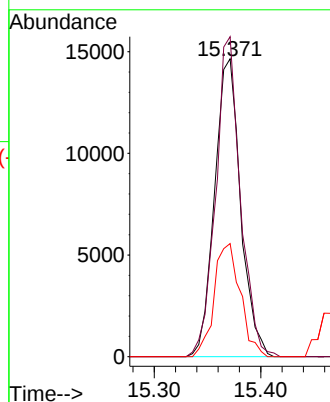
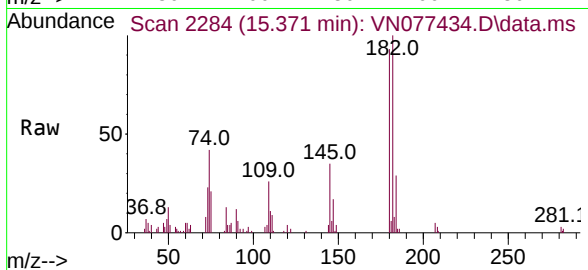
#93
1,2,4-Trichlorobenzene
Concen: 9.563 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:180 Resp: 2482
Ion Ratio Lower Upper
180 100
182 102.2 46.1 138.2
145 38.2 16.6 49.8

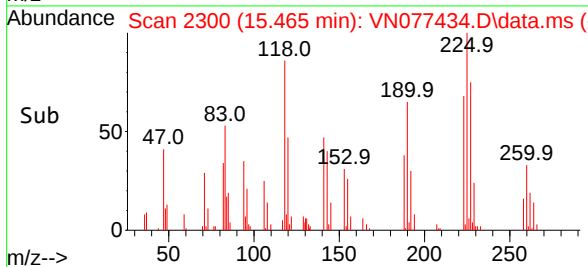
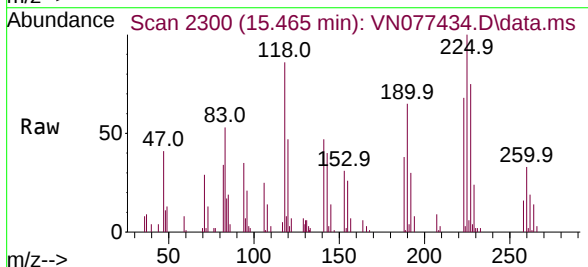
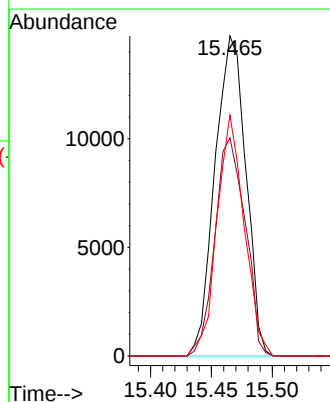
Manual Integrations
APPROVED

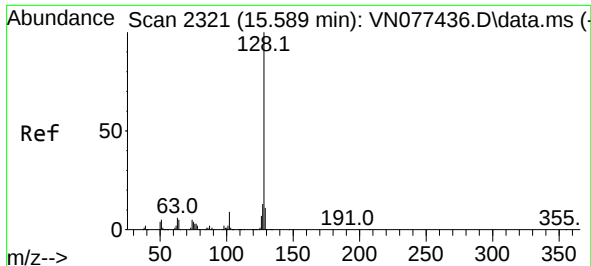
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#94
Hexachlorobutadiene
Concen: 10.240 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

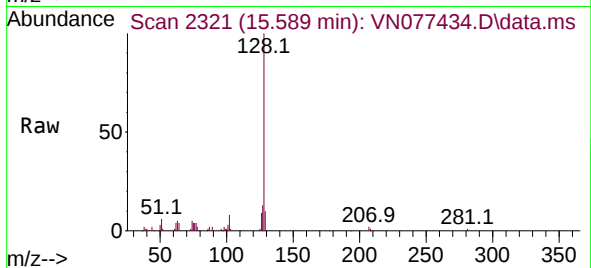
Tgt Ion:225 Resp: 26074
Ion Ratio Lower Upper
225 100
223 66.5 31.3 93.8
227 66.4 31.9 95.9





#95
Naphthalene
Concen: 9.684 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27

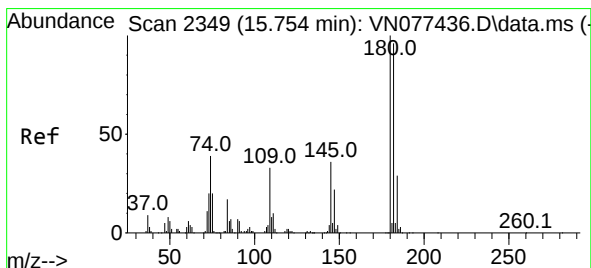
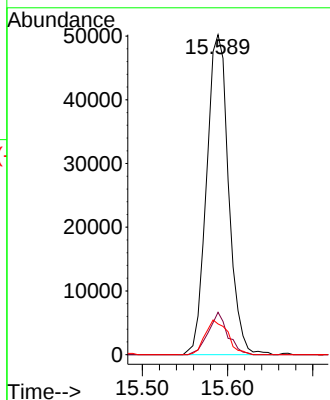
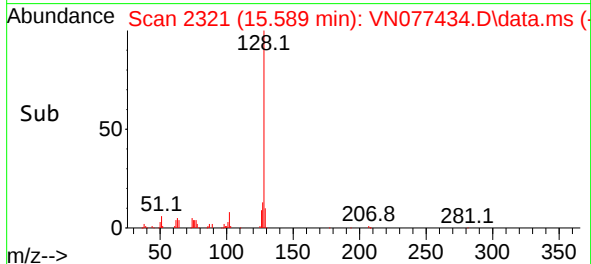
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



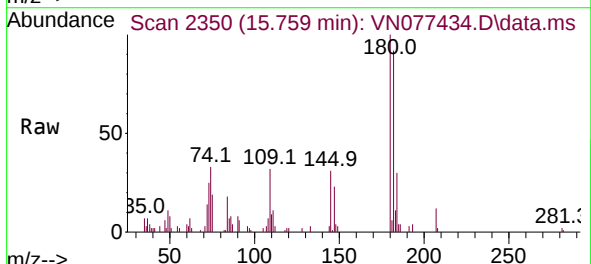
Tgt Ion:128 Resp: 9004
Ion Ratio Lower Upper
128 100
127 11.8 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.629 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.005 min
Lab File: VN077434.D
Acq: 24 Apr 2023 12:27



Tgt Ion:180 Resp: 23845
Ion Ratio Lower Upper
180 100
182 95.9 46.2 138.6
145 34.7 17.5 52.6

