

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077542.D
 Acq On : 01 May 2023 14:51
 Operator : JC\MD
 Sample : VN0501WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 01 22:24:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.225	168	705077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1308488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1173451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	479591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	428540	46.578	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.160%		
35) Dibromofluoromethane	8.172	113	379355	48.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	10.572	98	1452368	48.185	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.360%		
62) 4-Bromofluorobenzene	12.848	95	483369	49.015	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	160250	18.004	ug/l	99
3) Chloromethane	2.372	50	118689	16.793	ug/l	97
4) Vinyl Chloride	2.525	62	157256	16.702	ug/l	96
5) Bromomethane	2.960	94	129150	15.835	ug/l	93
6) Chloroethane	3.131	64	105722	14.780	ug/l	92
7) Trichlorofluoromethane	3.501	101	277802	20.075	ug/l	100
8) Diethyl Ether	3.966	74	91562	18.208	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.390	101	152678	18.971	ug/l	97
10) Methyl Iodide	4.601	142	175854	17.785	ug/l	94
11) Tert butyl alcohol	5.531	59	116356	78.779	ug/l	98
12) 1,1-Dichloroethene	4.348	96	140147	17.811	ug/l	97
13) Acrolein	4.184	56	128100	87.184	ug/l	96
14) Allyl chloride	5.031	41	141054	16.124	ug/l #	89
15) Acrylonitrile	5.731	53	296731	88.559	ug/l	98
16) Acetone	4.431	43	284146	97.076	ug/l	94
17) Carbon Disulfide	4.725	76	318307	15.920	ug/l	99
18) Methyl Acetate	5.037	43	198335	17.547	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	483849	18.490	ug/l	96
20) Methylene Chloride	5.295	84	164380	17.709	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	152990	17.981	ug/l	97
22) Diisopropyl ether	6.678	45	358453	17.854	ug/l	99
23) Vinyl Acetate	6.613	43	1088126	86.781	ug/l	99
24) 1,1-Dichloroethane	6.578	63	264201	18.590	ug/l	96
25) 2-Butanone	7.483	43	365262	87.983	ug/l	98
26) 2,2-Dichloropropane	7.495	77	265706	19.282	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	189890	18.845	ug/l	98
28) Bromochloromethane	7.819	49	110697	20.397	ug/l	96
29) Tetrahydrofuran	7.842	42	212542	81.711	ug/l	96
30) Chloroform	7.966	83	311050	19.421	ug/l	91
31) Cyclohexane	8.260	56	219406	16.834	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	288356	19.583	ug/l	97
36) 1,1-Dichloropropene	8.378	75	216454	19.051	ug/l	99
37) Ethyl Acetate	7.566	43	149786	17.349	ug/l	99
38) Carbon Tetrachloride	8.366	117	238367	19.015	ug/l	96
39) Methylcyclohexane	9.607	83	284872	19.030	ug/l	96
40) Benzene	8.613	78	665586	19.229	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	75559	16.803	ug/l	92
42) 1,2-Dichloroethane	8.678	62	225995	19.010	ug/l	99
43) Isopropyl Acetate	8.689	43	264869	17.733	ug/l	98
44) Trichloroethene	9.354	130	169425	19.117	ug/l	98
45) 1,2-Dichloropropane	9.624	63	160363	19.778	ug/l	98
46) Dibromomethane	9.713	93	123469	18.767	ug/l	98
47) Bromodichloromethane	9.889	83	247902	19.480	ug/l	99
48) Methyl methacrylate	9.683	41	117753	17.319	ug/l	97
49) 1,4-Dioxane	9.701	88	63093	369.957	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	764212	87.229	ug/l	99
52) Toluene	10.630	92	438791	19.351	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	246510	19.130	ug/l	100
54) cis-1,3-Dichloropropene	10.319	75	272709	19.443	ug/l	91
55) 1,1,2-Trichloroethane	11.019	97	175650	19.263	ug/l	97
56) Ethyl methacrylate	10.877	69	240863	18.852	ug/l	94
57) 1,3-Dichloropropane	11.166	76	288929	19.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	363919	84.210	ug/l	99
59) 2-Hexanone	11.195	43	563197	88.438	ug/l	99
60) Dibromochloromethane	11.360	129	183844	19.427	ug/l	97
61) 1,2-Dibromoethane	11.471	107	177298	19.045	ug/l	99
64) Tetrachloroethene	11.107	164	135240	19.253	ug/l	99
65) Chlorobenzene	11.895	112	476057	19.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	172162	19.057	ug/l	98
67) Ethyl Benzene	11.966	91	862448	19.730	ug/l	97
68) m/p-Xylenes	12.071	106	681104	40.091	ug/l	100
69) o-Xylene	12.401	106	338732	20.270	ug/l	98
70) Styrene	12.413	104	529571	20.264	ug/l	99
71) Bromoform	12.583	173	112624	19.055	ug/l #	99
73) Isopropylbenzene	12.701	105	870460	19.559	ug/l	99
74) N-amyl acetate	12.495	43	211382	16.043	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	242560	17.346	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	179753m	16.118	ug/l	
77) Bromobenzene	12.983	156	177845	18.336	ug/l	98
78) n-propylbenzene	13.036	91	976291	19.840	ug/l	100
79) 2-Chlorotoluene	13.130	91	586510	19.332	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	673705	20.384	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	66818	16.927	ug/l	97
82) 4-Chlorotoluene	13.224	91	556731	19.638	ug/l	99
83) tert-Butylbenzene	13.442	119	616817	19.218	ug/l	100
84) 1,2,4-Trimethylbenzene	13.489	105	612761	19.852	ug/l	99
85) sec-Butylbenzene	13.618	105	876299	19.891	ug/l	100
86) p-Isopropyltoluene	13.736	119	680370	20.072	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	333695	19.345	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	319767	18.775	ug/l	97
89) n-Butylbenzene	14.060	91	518317	19.759	ug/l	98
90) Hexachloroethane	14.336	117	133346	17.807	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	325271	19.012	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	42596	16.473	ug/l	97
93) 1,2,4-Trichlorobenzene	15.401	180	73291	18.182	ug/l	99
94) Hexachlorobutadiene	15.506	225	69288	20.042	ug/l	98
95) Naphthalene	15.642	128	259633	17.666	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	68312	18.068	ug/l	99

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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

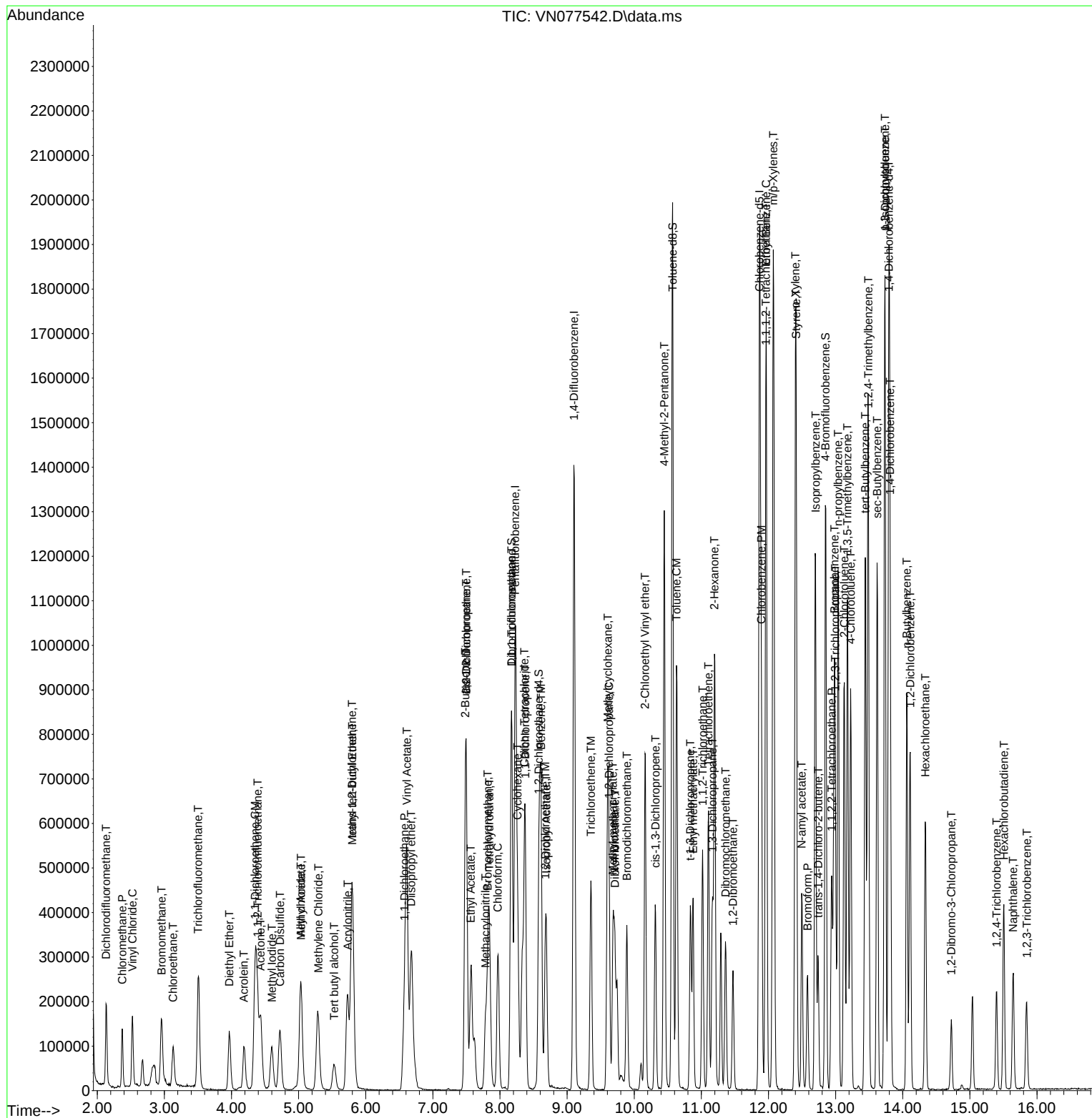
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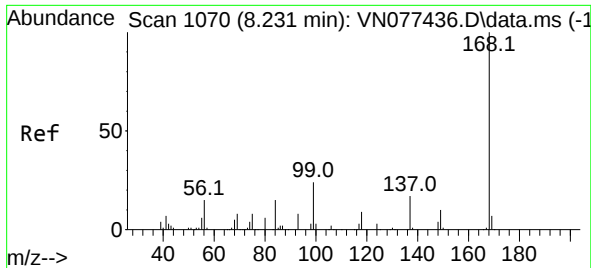
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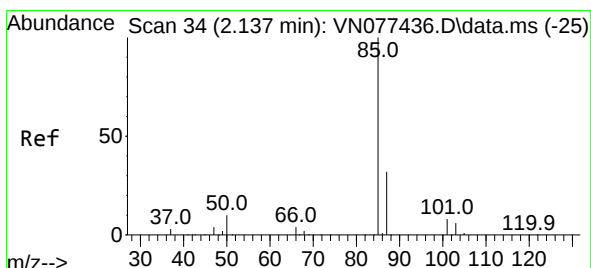
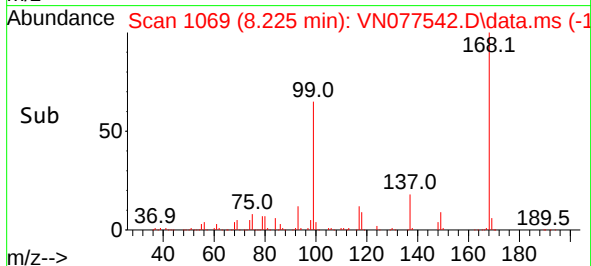
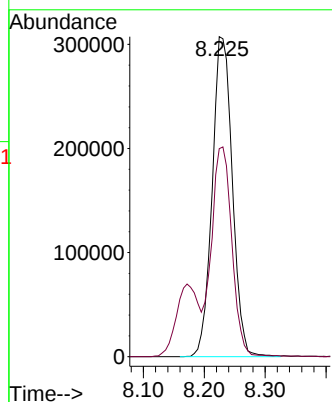
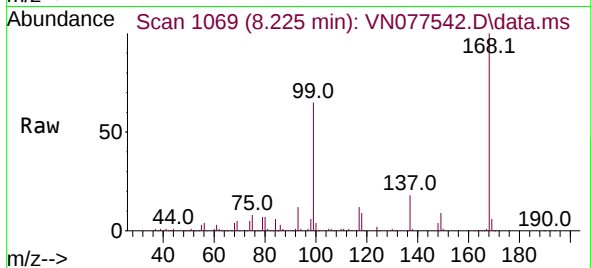
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077542.D
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Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 70507
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6

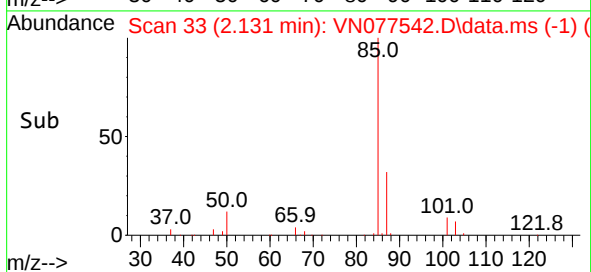
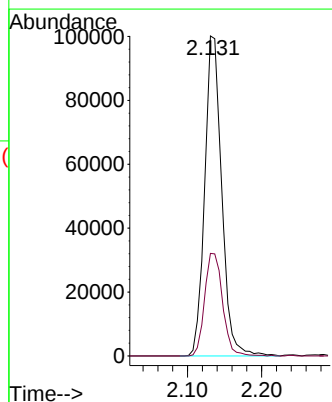
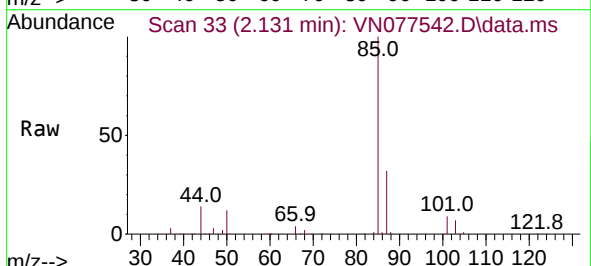
Manual Integrations
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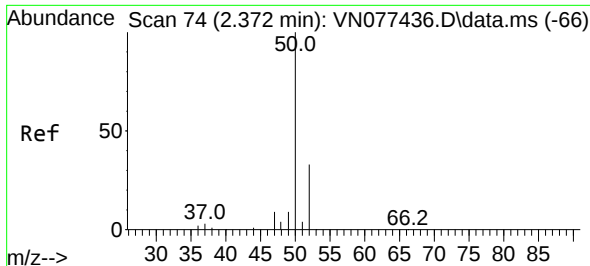
Reviewed By :John Carlone 05/02/2023
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#2
Dichlorodifluoromethane
Concen: 18.004 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

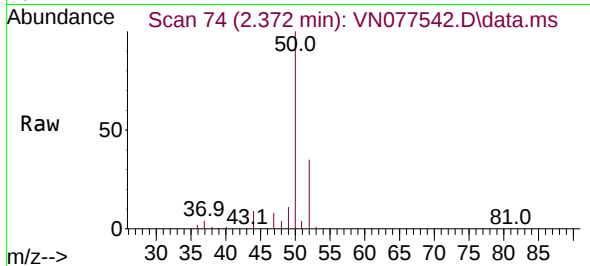
Tgt Ion: 85 Resp: 160250
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





#3
Chloromethane
Concen: 16.793 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

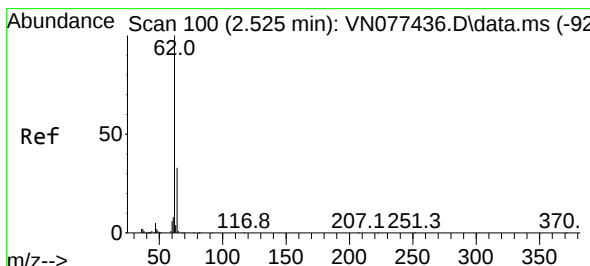
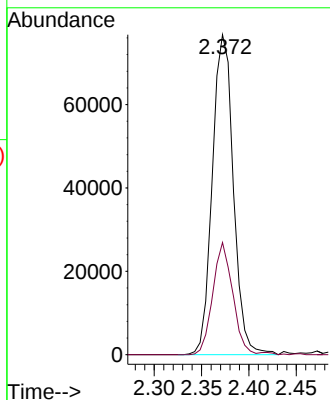
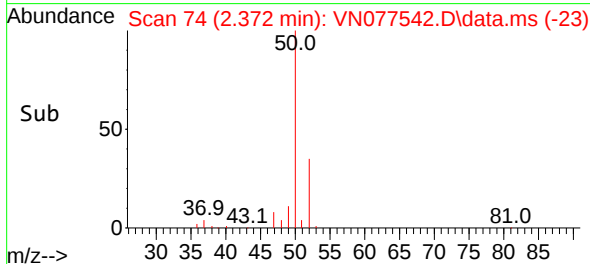
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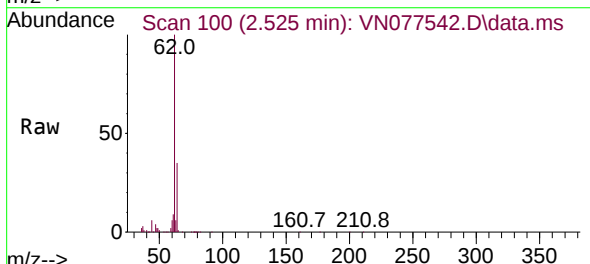
Tgt Ion: 50 Resp: 118689
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

Manual Integrations
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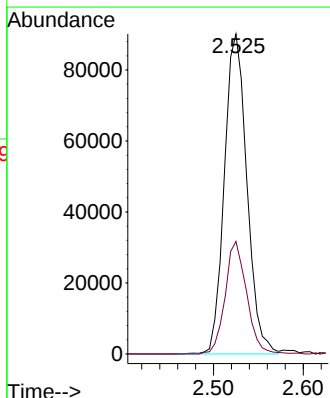
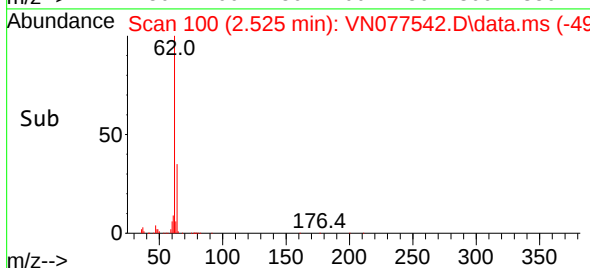
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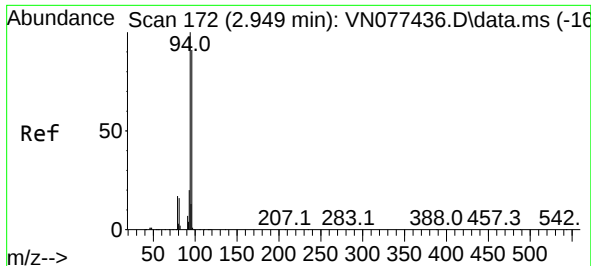


#4
Vinyl Chloride
Concen: 16.702 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



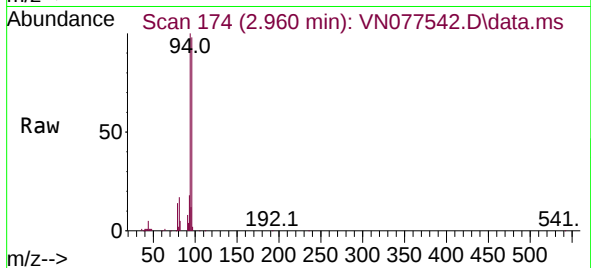
Tgt Ion: 62 Resp: 157256
Ion Ratio Lower Upper
62 100
64 35.1 26.2 39.2





#5
Bromomethane
Concen: 15.835 ug/l
RT: 2.960 min Scan# 174
Delta R.T. 0.012 min
Lab File: VN077542.D
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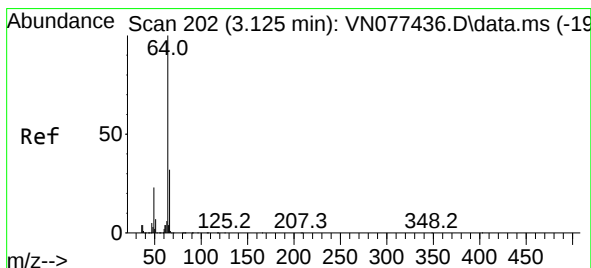
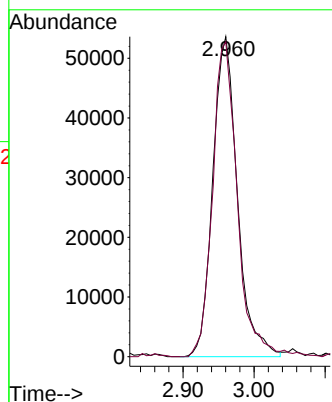
Instrument :
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Tgt Ion: 94 Resp: 129150
Ion Ratio Lower Upper
94 100
96 98.4 73.1 109.7

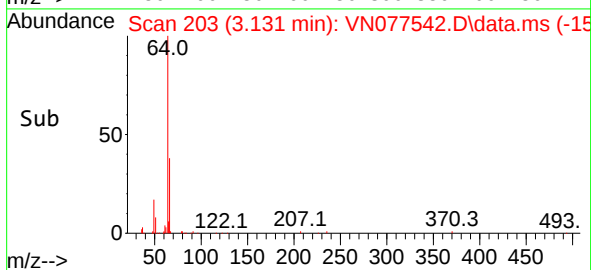
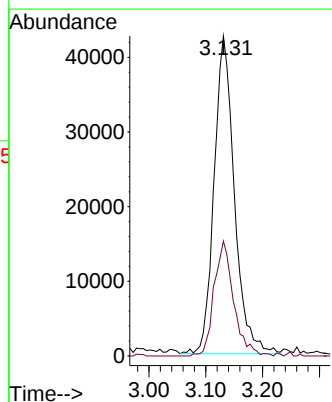
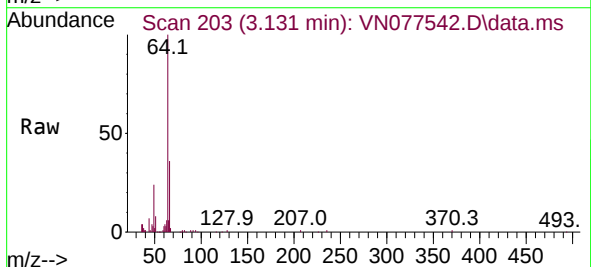
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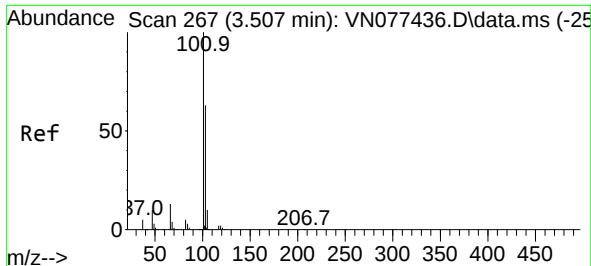
Reviewed By :John Carlone 05/02/2023
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#6
Chloroethane
Concen: 14.780 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Tgt Ion: 64 Resp: 105722
Ion Ratio Lower Upper
64 100
66 36.2 25.4 38.2





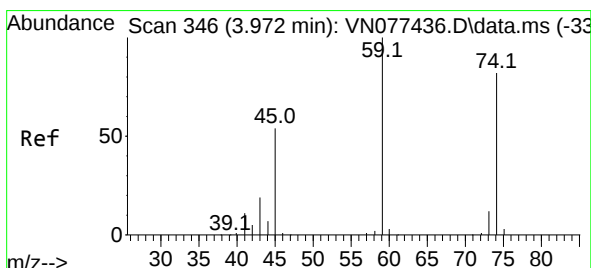
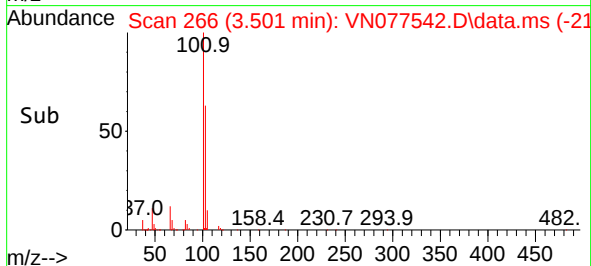
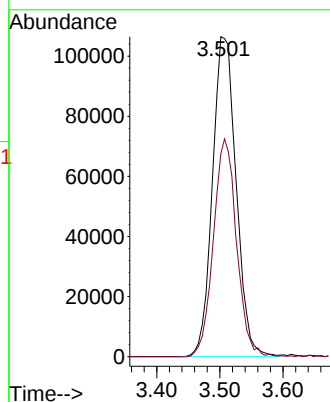
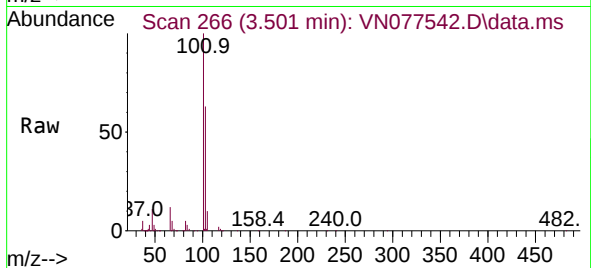
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 Trichlorofluoromethane
 Concen: 20.075 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN077542.D
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Instrument :
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Tgt Ion:101 Resp: 27780
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1

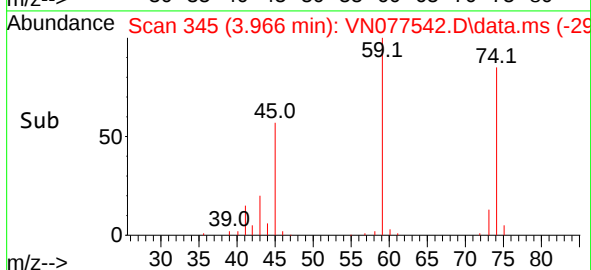
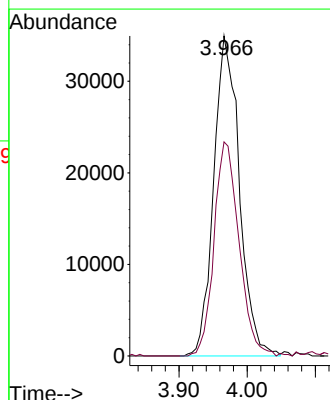
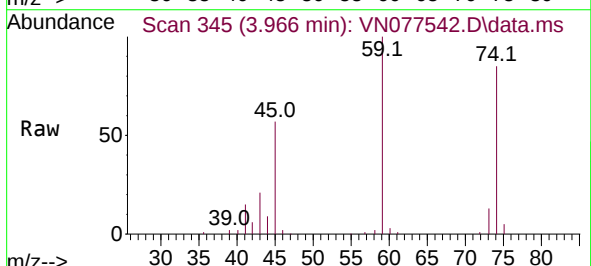
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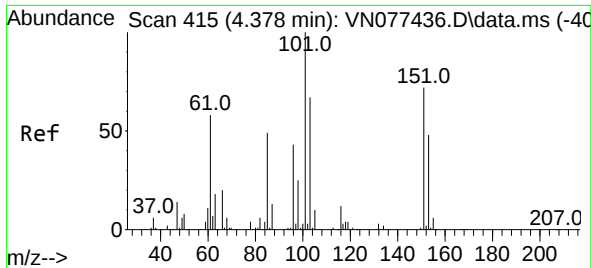
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#8
 Diethyl Ether
 Concen: 18.208 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
 Lab File: VN077542.D
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Tgt Ion: 74 Resp: 91562
 Ion Ratio Lower Upper
 74 100
 45 65.3 34.4 103.3





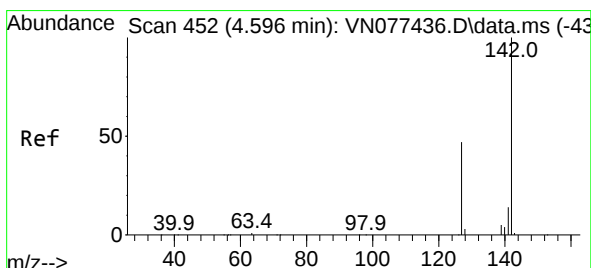
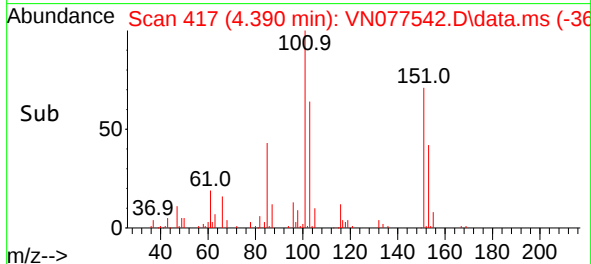
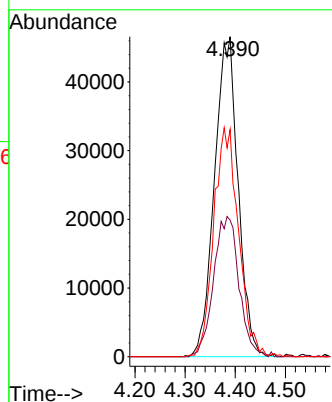
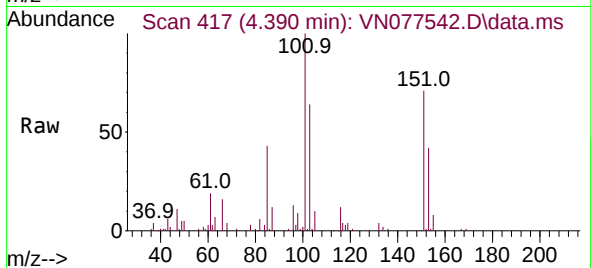
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.971 ug/l
RT: 4.390 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

Tgt Ion:101 Resp: 152678
Ion Ratio Lower Upper
101 100
85 46.9 36.6 55.0
151 74.9 57.6 86.4

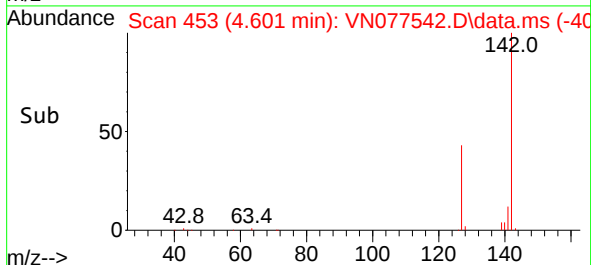
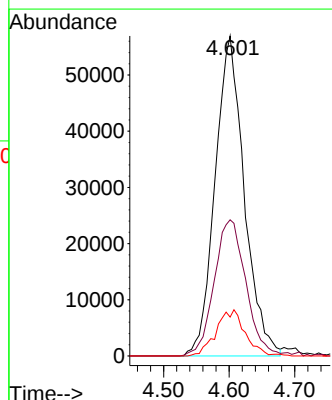
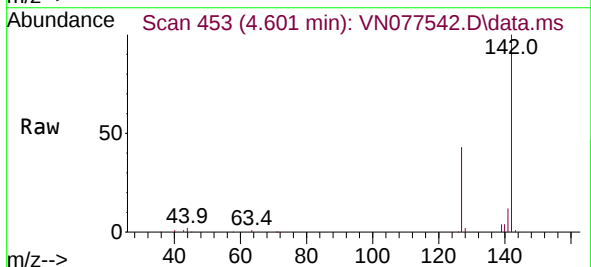
Manual Integrations
APPROVED

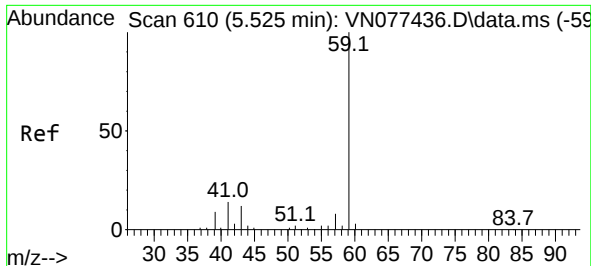
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#10
Methyl Iodide
Concen: 17.785 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

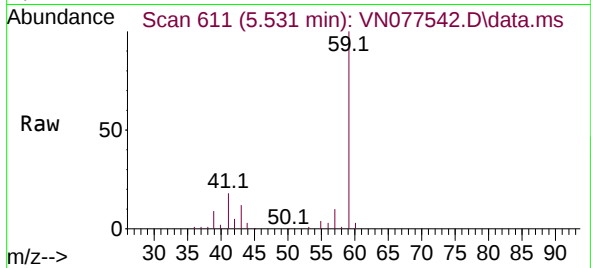
Tgt Ion:142 Resp: 175854
Ion Ratio Lower Upper
142 100
127 42.5 37.6 56.4
141 12.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 78.779 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

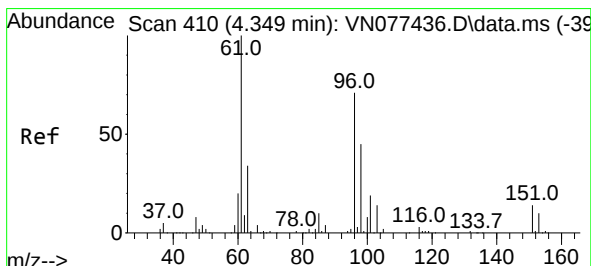
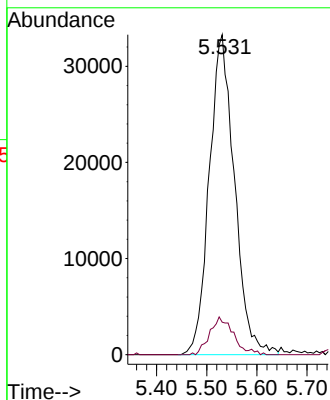
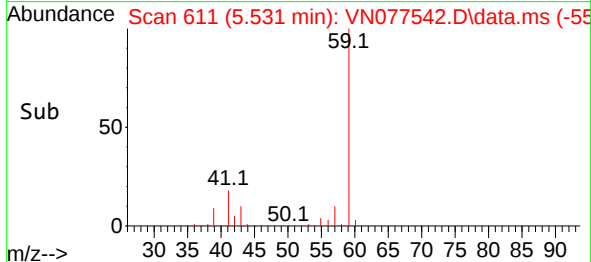
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



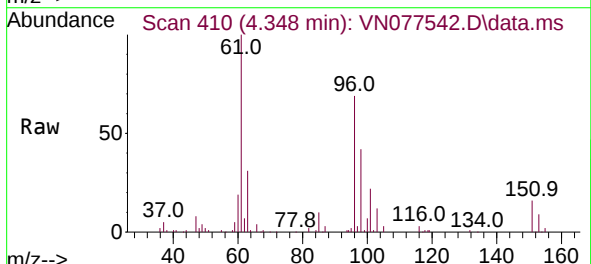
Tgt Ion: 59 Resp: 116350
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

Manual Integrations
APPROVED

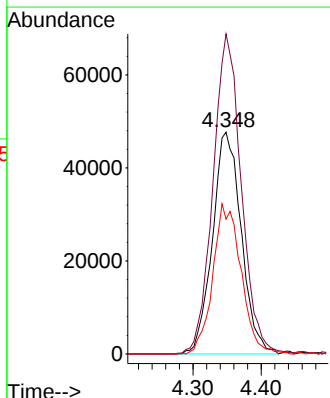
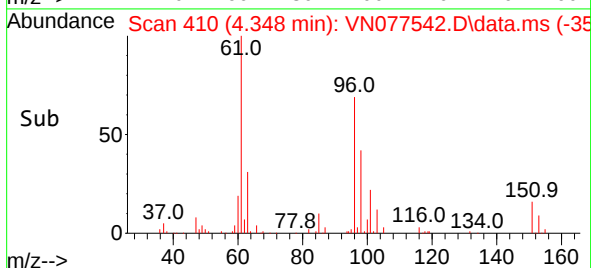
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

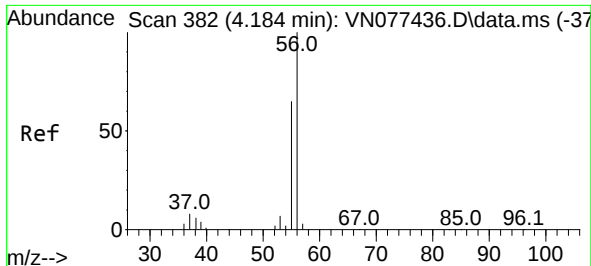


#12
1,1-Dichloroethene
Concen: 17.811 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



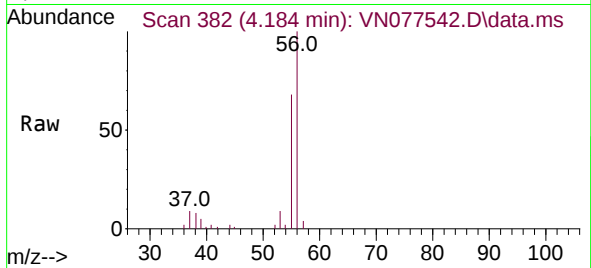
Tgt Ion: 96 Resp: 140147
Ion Ratio Lower Upper
96 100
61 144.0 112.7 169.1
98 60.9 51.2 76.8





#13
Acrolein
Concen: 87.184 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

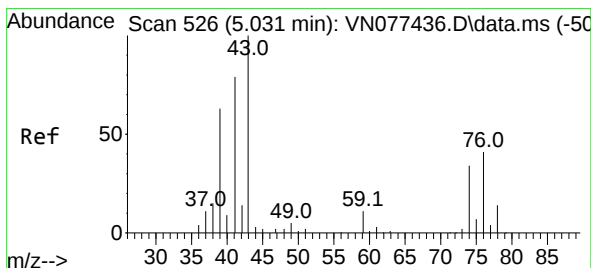
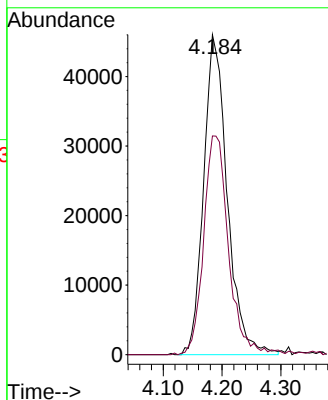
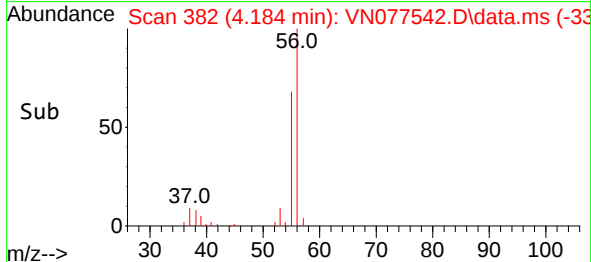
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



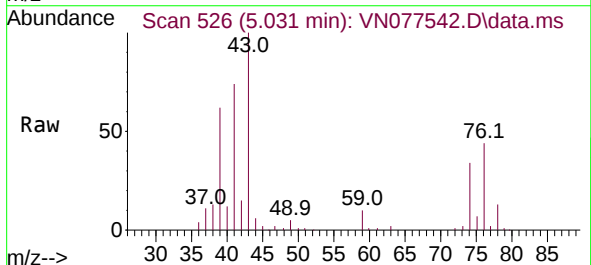
Tgt Ion: 56 Resp: 128100
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

Manual Integrations
APPROVED

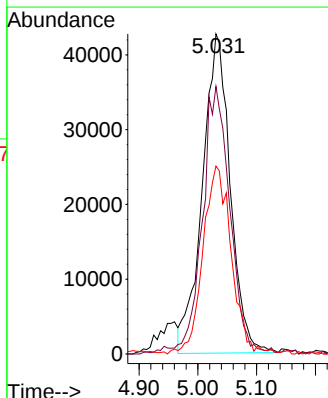
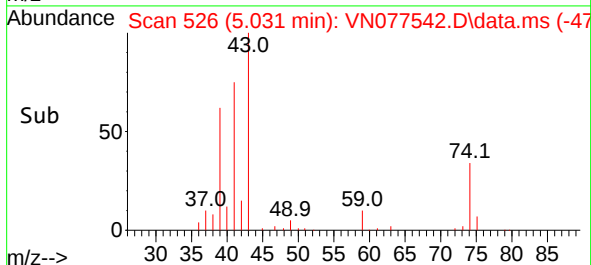
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

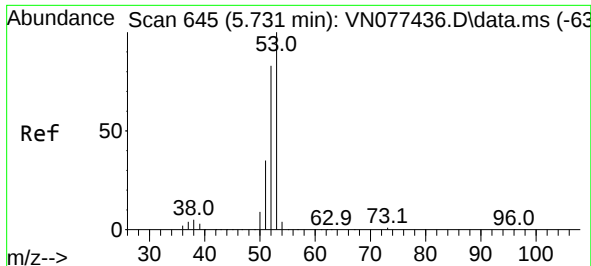


#14
Allyl chloride
Concen: 16.124 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



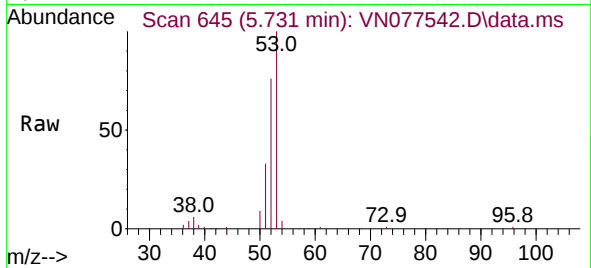
Tgt Ion: 41 Resp: 141054
Ion Ratio Lower Upper
41 100
39 80.0 58.8 88.2
76 59.8 39.1 58.7#





#15
Acrylonitrile
Concen: 88.559 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

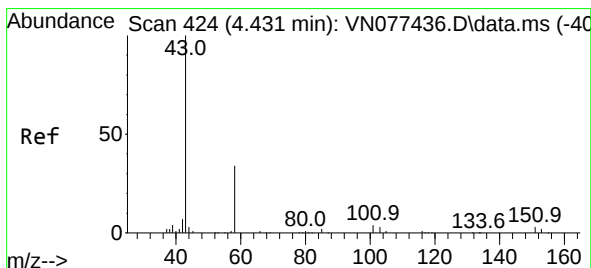
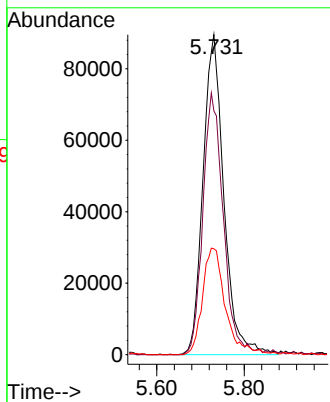
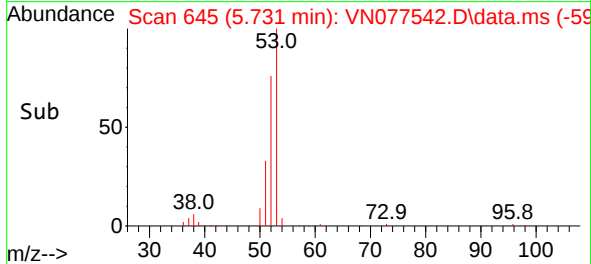
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



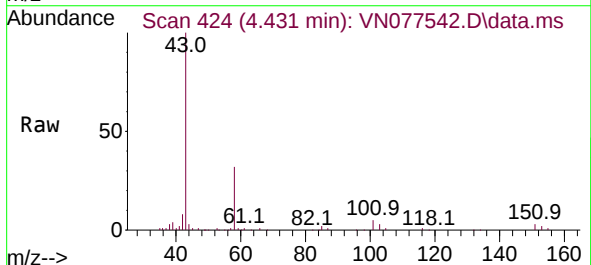
Tgt Ion: 53 Resp: 29673
Ion Ratio Lower Upper
53 100
52 79.9 65.3 97.9
51 36.5 28.9 43.3

Manual Integrations
APPROVED

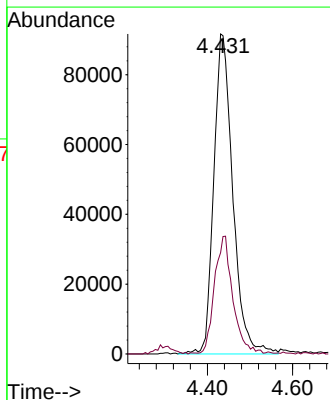
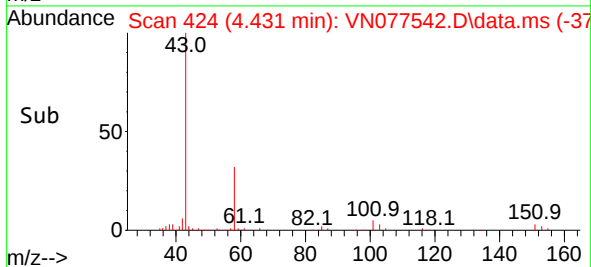
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

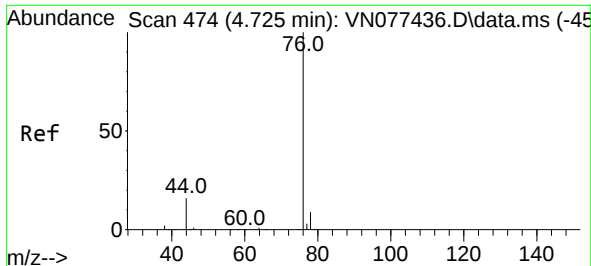


#16
Acetone
Concen: 97.076 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



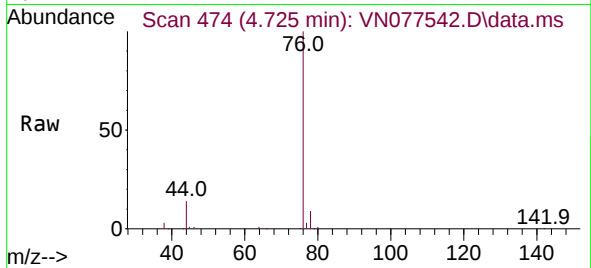
Tgt Ion: 43 Resp: 284146
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0





#17
Carbon Disulfide
Concen: 15.920 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

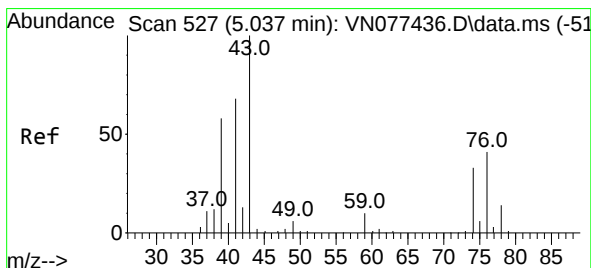
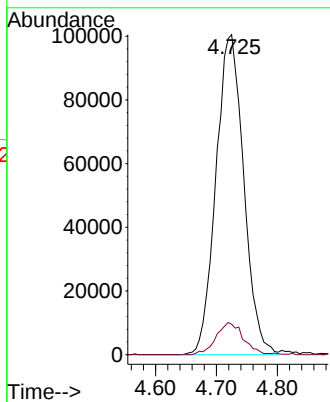
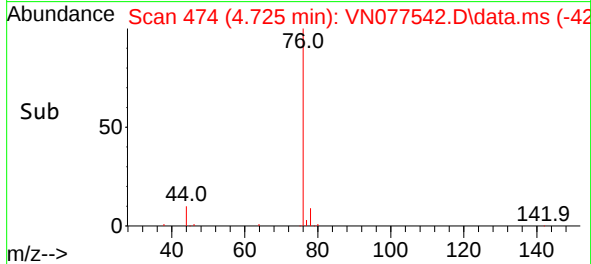
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



Tgt Ion: 76 Resp: 31830
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

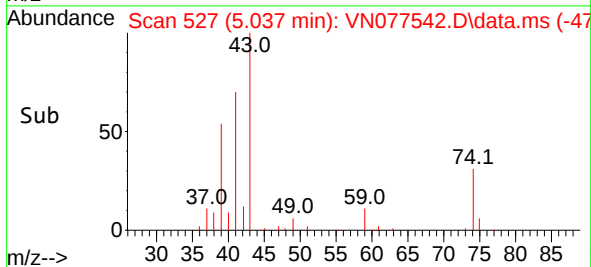
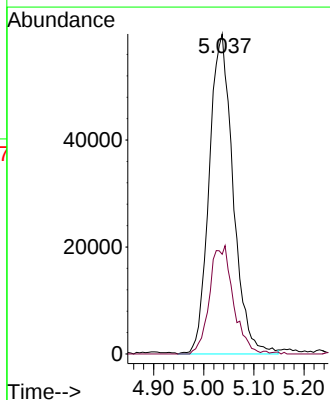
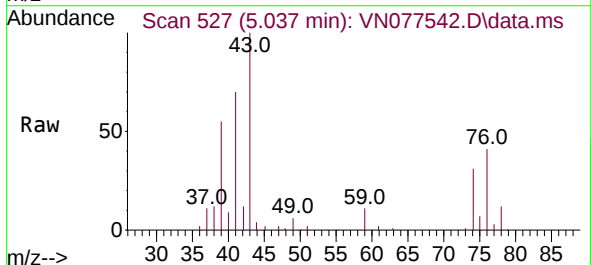
Manual Integrations
APPROVED

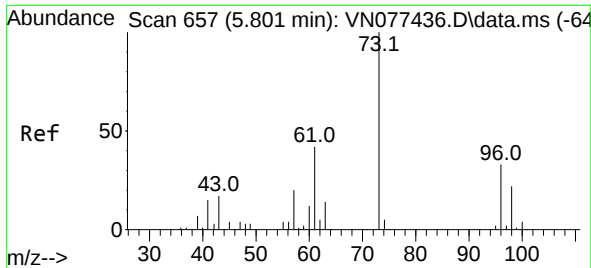
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#18
Methyl Acetate
Concen: 17.547 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

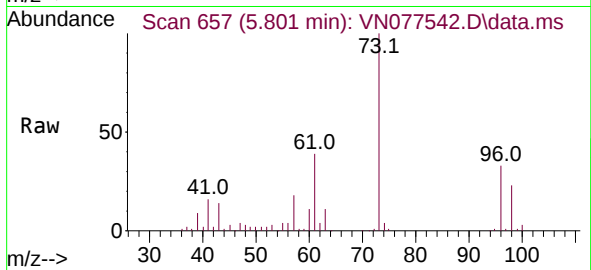
Tgt Ion: 43 Resp: 198335
Ion Ratio Lower Upper
43 100
74 33.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 18.490 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

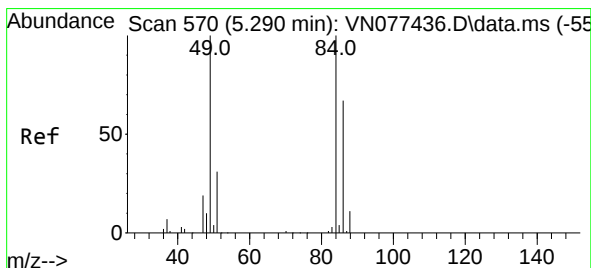
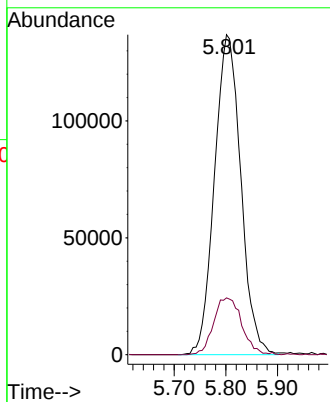
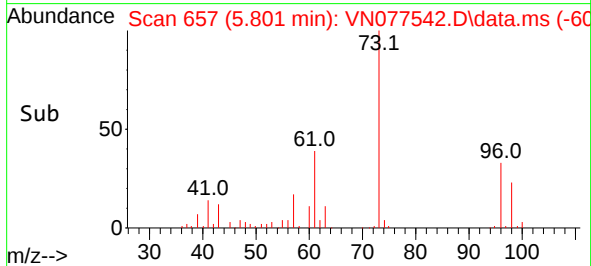
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



Tgt Ion: 73 Resp: 483849
Ion Ratio Lower Upper
73 100
57 17.8 15.6 23.4

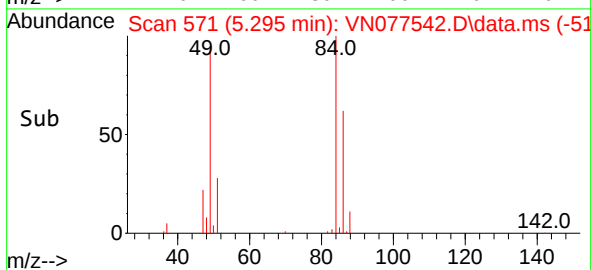
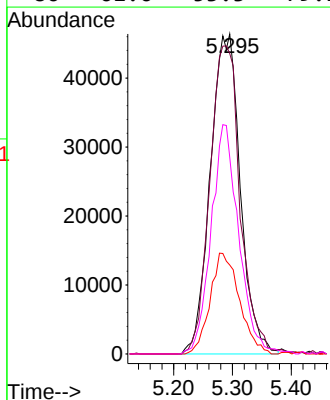
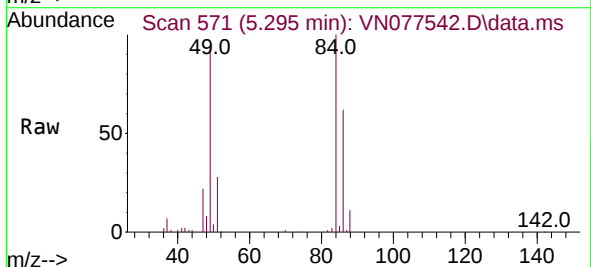
Manual Integrations
APPROVED

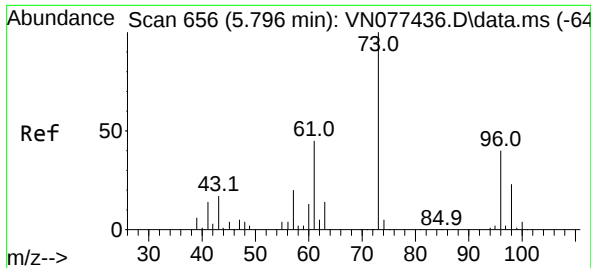
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#20
Methylene Chloride
Concen: 17.709 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Tgt Ion: 84 Resp: 164380
Ion Ratio Lower Upper
84 100
49 93.9 79.7 119.5
51 27.8 25.2 37.8
86 61.6 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 17.981 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

Tgt Ion: 96 Resp: 152990

Ion Ratio Lower Upper

96 100

61 111.0 90.1 135.1

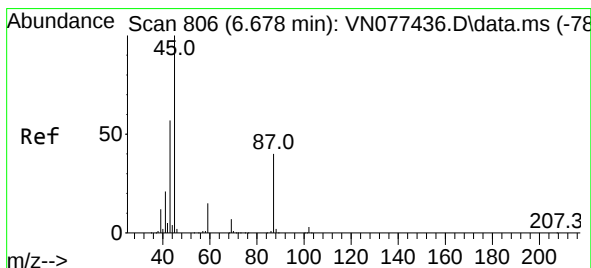
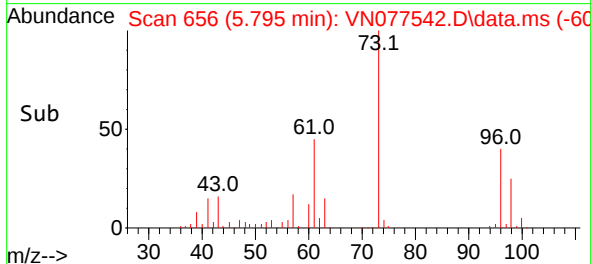
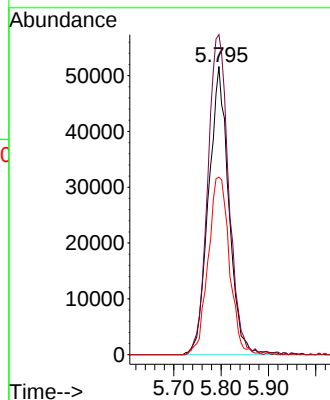
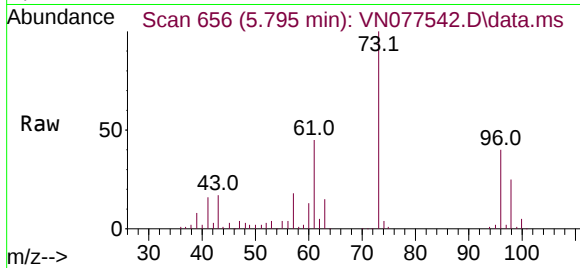
98 61.6 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#22

Diisopropyl ether

Concen: 17.854 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Tgt Ion: 45 Resp: 358453

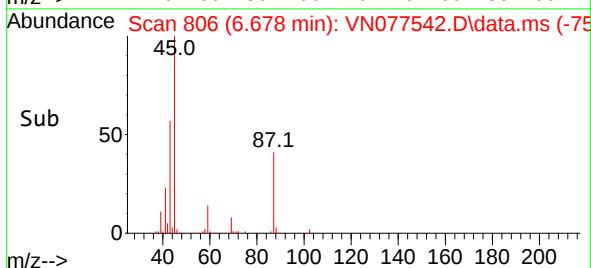
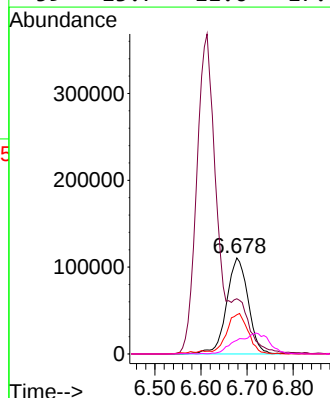
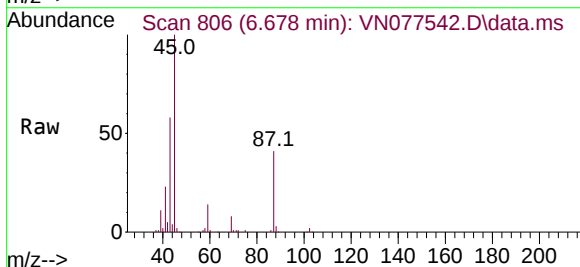
Ion Ratio Lower Upper

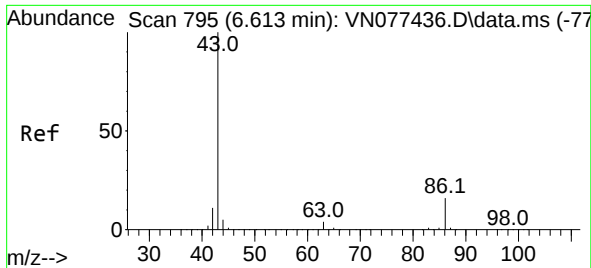
45 100

43 55.7 45.5 68.3

87 40.5 31.8 47.8

59 13.7 11.6 17.4





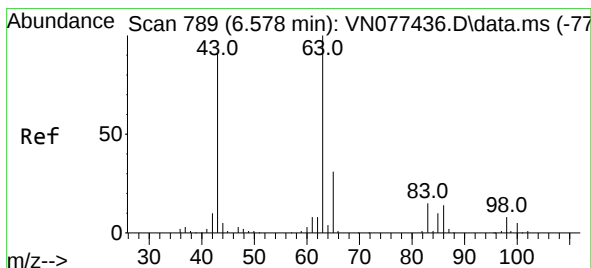
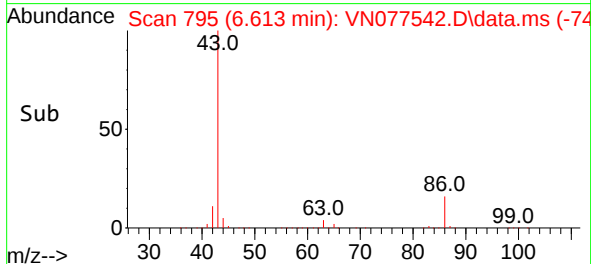
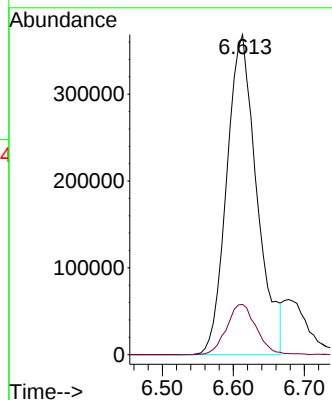
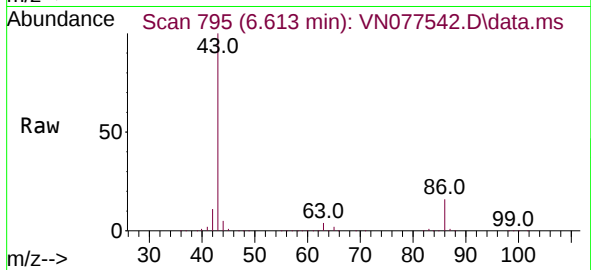
#23
 Vinyl Acetate
 Concen: 86.781 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077542.D
 Acq: 01 May 2023 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02

Tgt Ion: 43 Resp: 1088120
 Ion Ratio Lower Upper
 43 100
 86 15.7 13.0 19.6

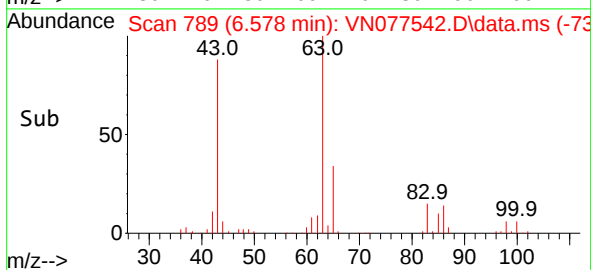
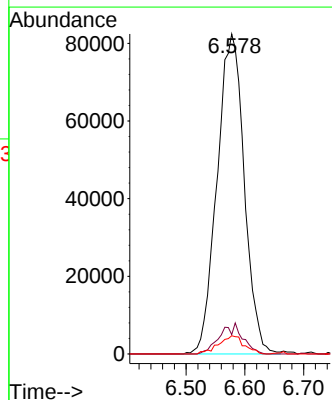
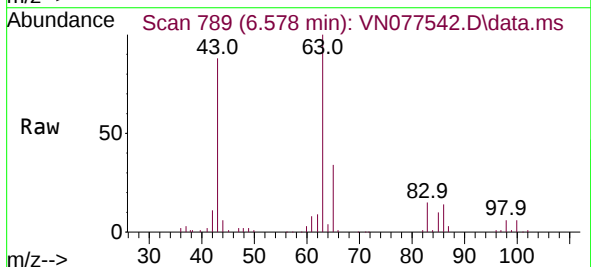
Manual Integrations
 APPROVED

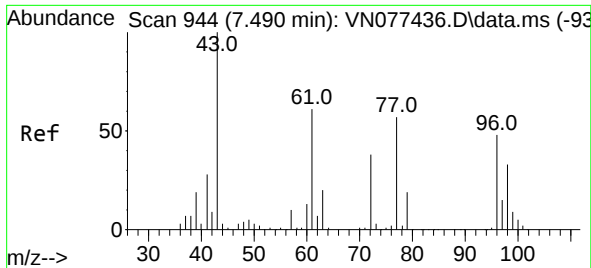
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#24
 1,1-Dichloroethane
 Concen: 18.590 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077542.D
 Acq: 01 May 2023 14:51

Tgt Ion: 63 Resp: 264201
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 5.7 2.5 7.4





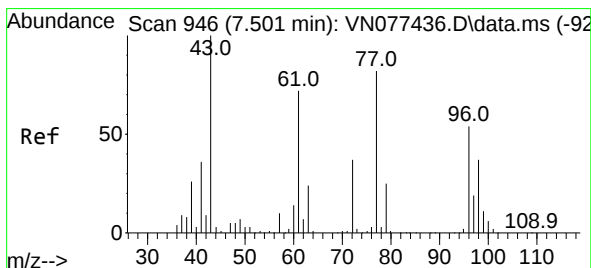
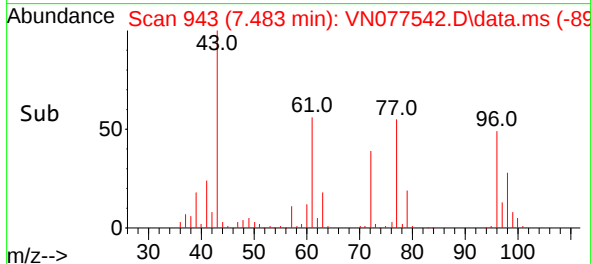
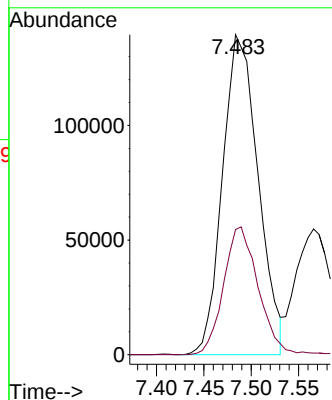
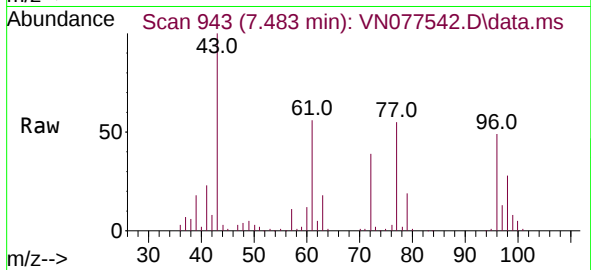
#25
2-Butanone
Concen: 87.983 ug/l
RT: 7.483 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

Tgt Ion: 43 Resp: 365262
Ion Ratio Lower Upper
43 100
72 39.1 30.2 45.2

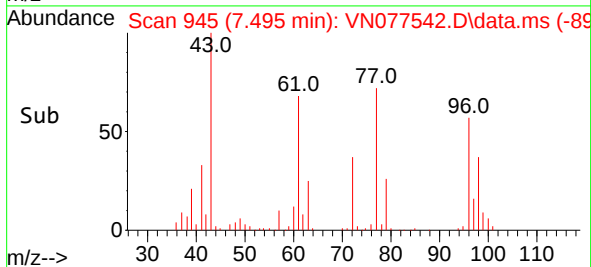
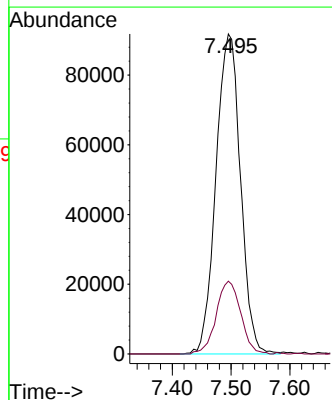
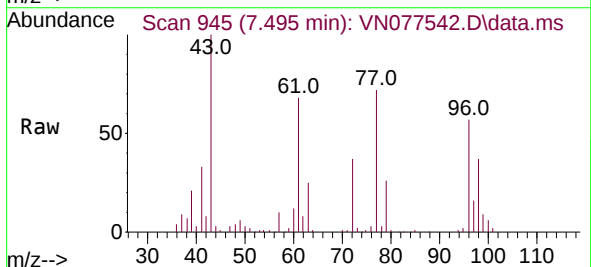
Manual Integrations
APPROVED

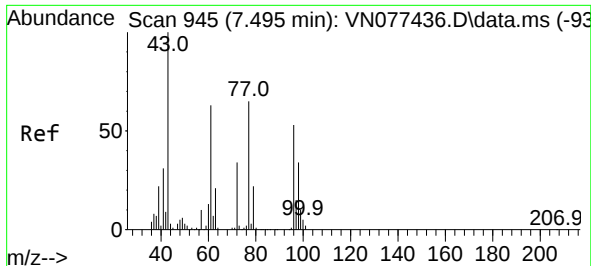
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#26
2,2-Dichloropropane
Concen: 19.282 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

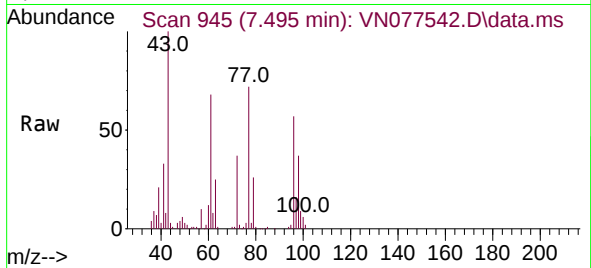
Tgt Ion: 77 Resp: 265706
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.845 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN077542.D
 Acq: 01 May 2023 14:51

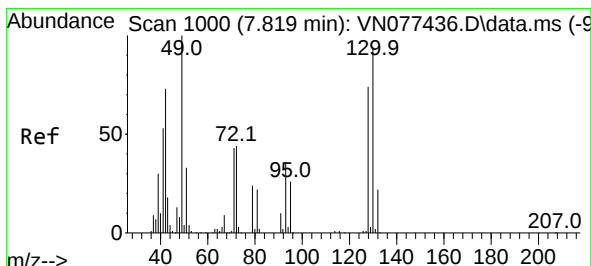
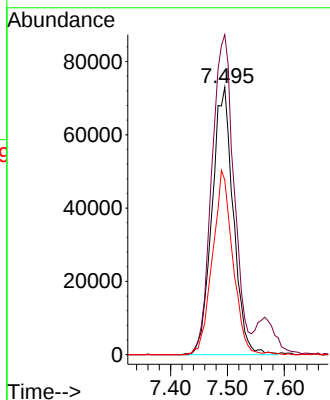
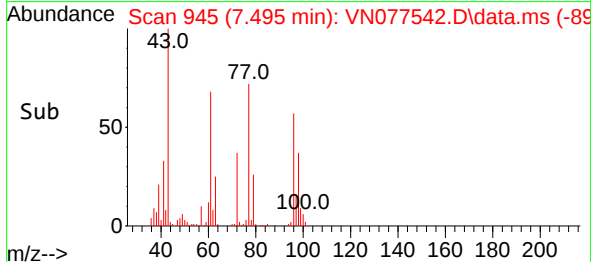
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02



Tgt Ion: 96 Resp: 189890
 Ion Ratio Lower Upper
 96 100
 61 124.6 0.0 255.2
 98 65.5 0.0 128.8

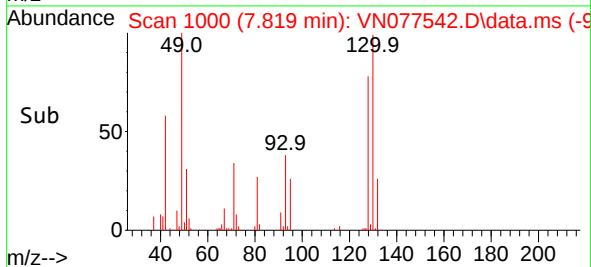
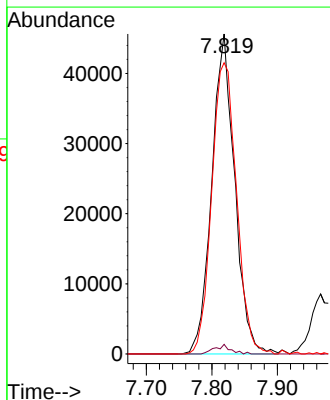
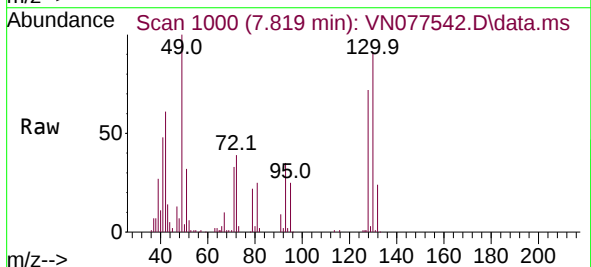
Manual Integrations
 APPROVED

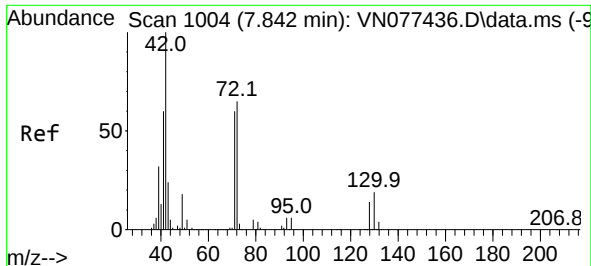
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#28
 Bromochloromethane
 Concen: 20.397 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077542.D
 Acq: 01 May 2023 14:51

Tgt Ion: 49 Resp: 110697
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 98.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 81.711 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

Tgt Ion: 42 Resp: 21254

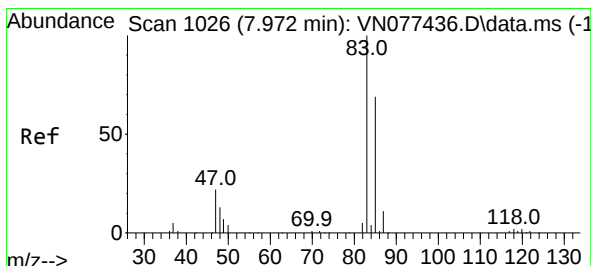
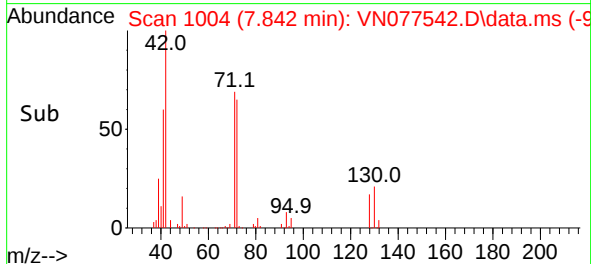
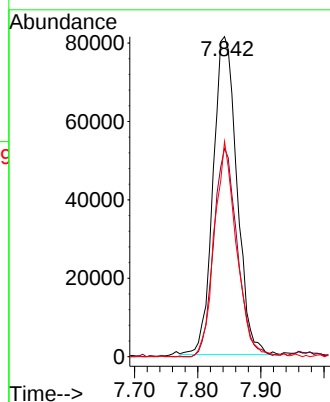
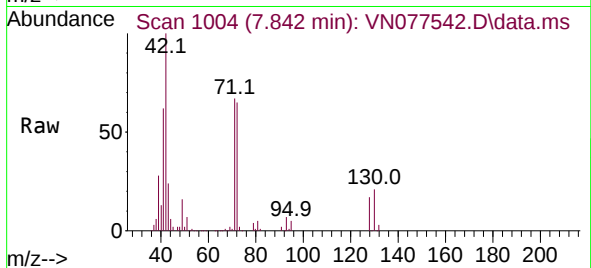
Ion	Ratio	Lower	Upper
42	100		
72	64.9	49.8	74.6
71	62.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#30

Chloroform

Concen: 19.421 ug/l

RT: 7.966 min Scan# 1025

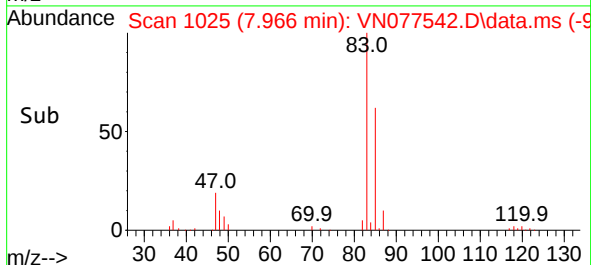
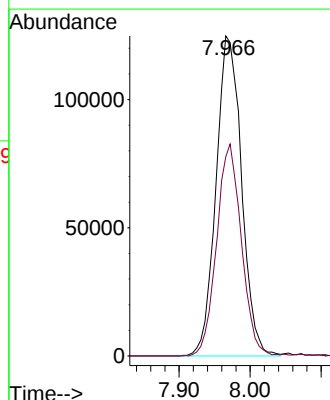
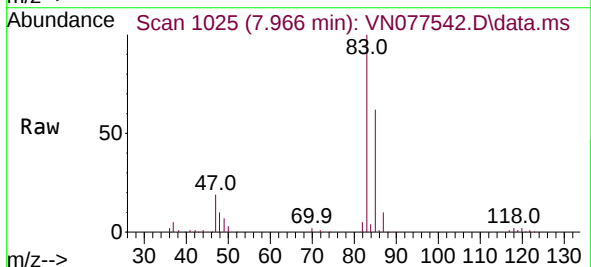
Delta R.T. -0.006 min

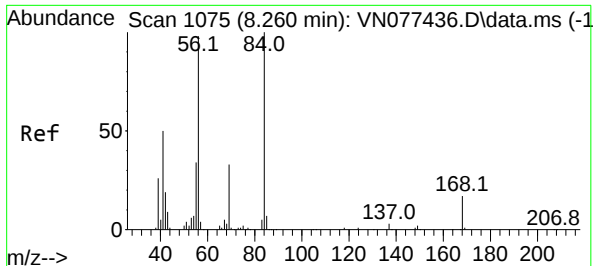
Lab File: VN077542.D

Acq: 01 May 2023 14:51

Tgt Ion: 83 Resp: 311050

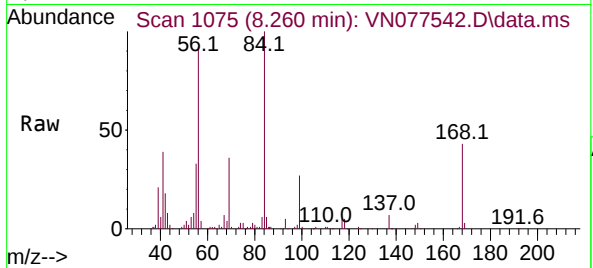
Ion	Ratio	Lower	Upper
83	100		
85	62.3	55.4	83.0





#31
Cyclohexane
Concen: 16.834 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

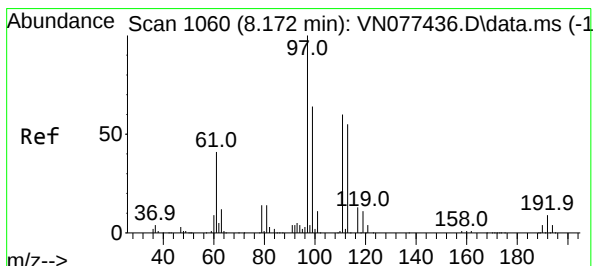
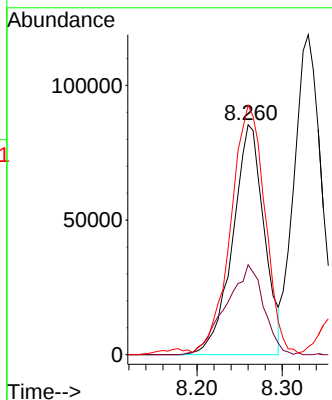
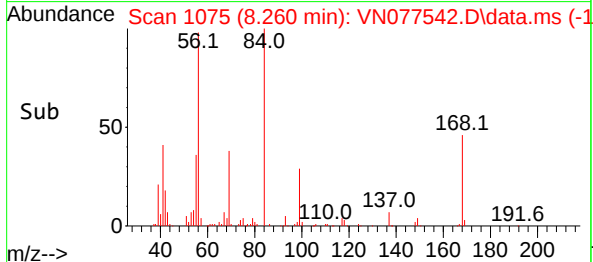
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



Tgt Ion: 56 Resp: 219400
Ion Ratio Lower Upper
56 100
69 39.1 26.8 40.2
84 105.9 81.8 122.6

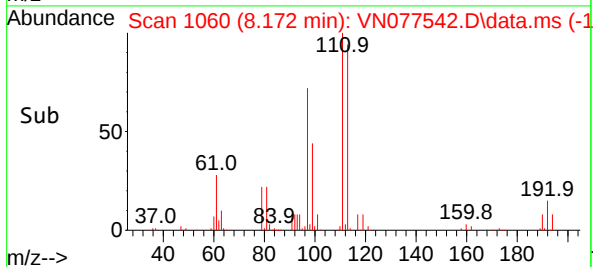
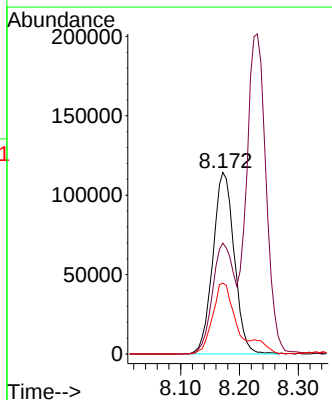
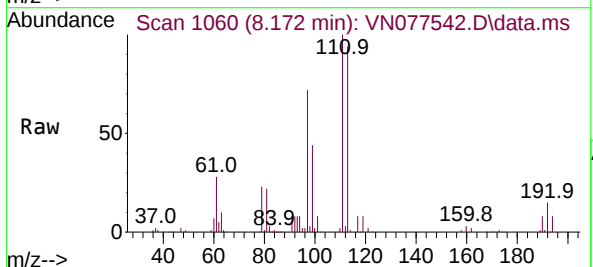
Manual Integrations
APPROVED

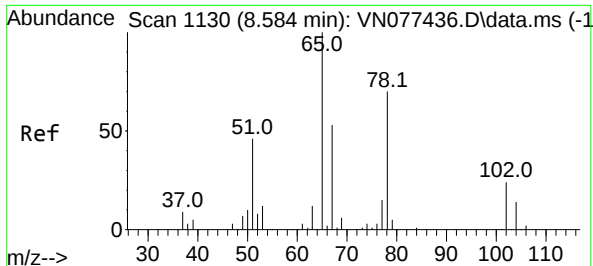
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#32
1,1,1-Trichloroethane
Concen: 19.583 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Tgt Ion: 97 Resp: 288356
Ion Ratio Lower Upper
97 100
99 61.2 50.3 75.5
61 40.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.578 ug/l

RT: 8.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

Tgt Ion: 65 Resp: 428540

Ion Ratio Lower Upper

65 100

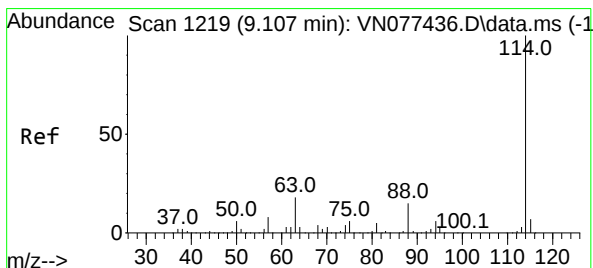
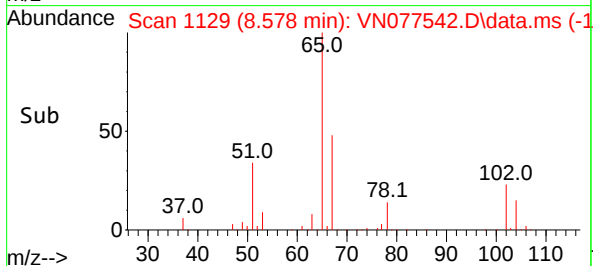
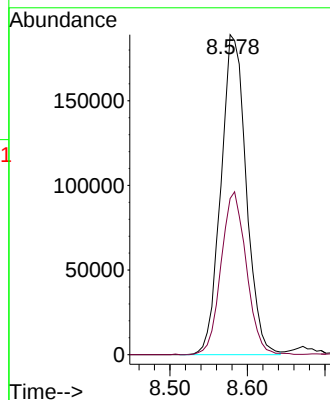
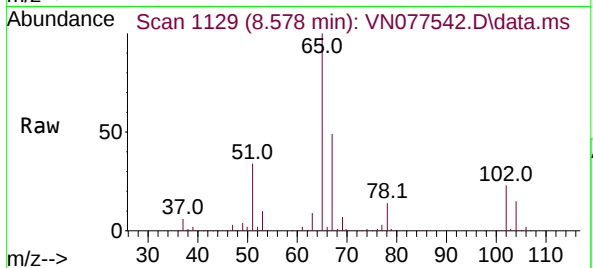
67 50.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

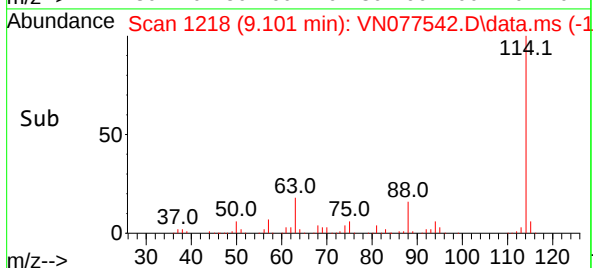
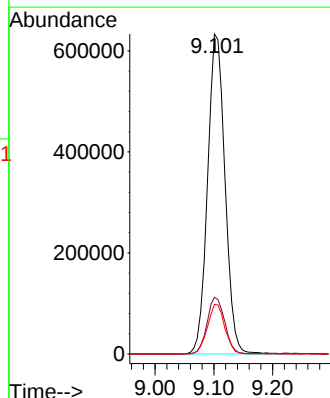
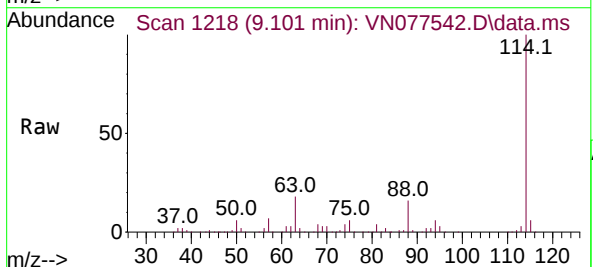
Tgt Ion:114 Resp: 1308488

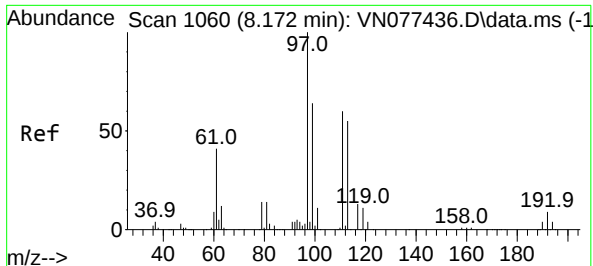
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.236 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

Tgt Ion: 113 Resp: 37935

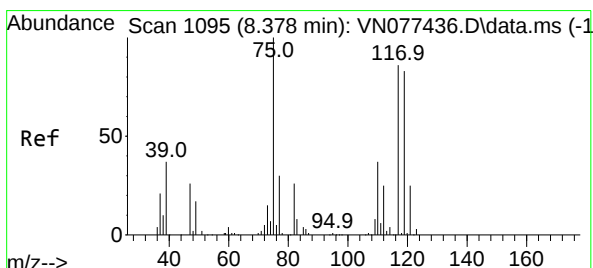
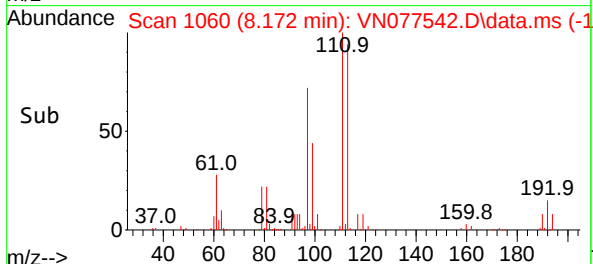
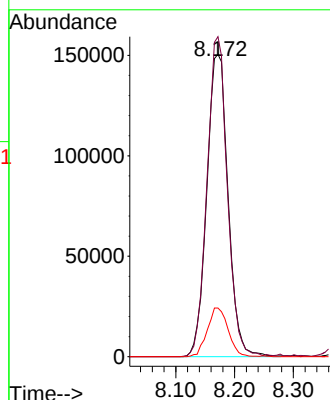
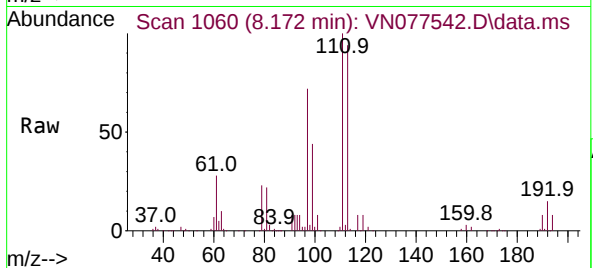
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.6	123.8
192	15.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#36

1,1-Dichloropropene

Concen: 19.051 ug/l

RT: 8.378 min Scan# 1095

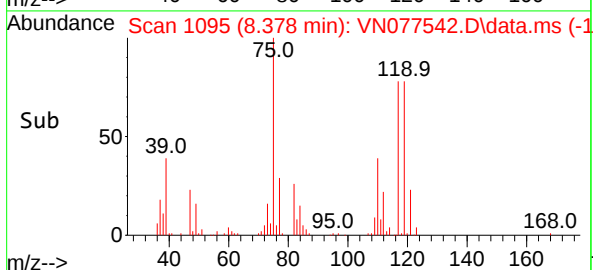
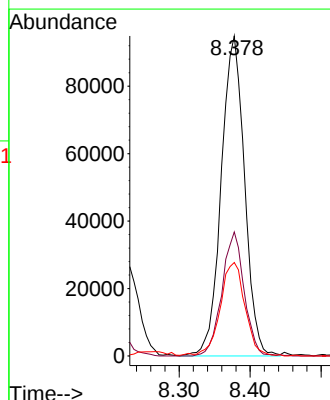
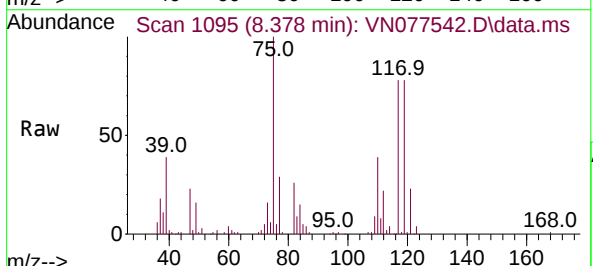
Delta R.T. -0.000 min

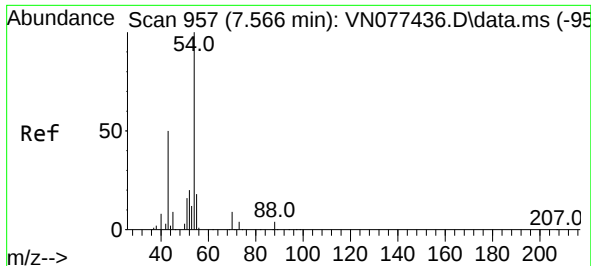
Lab File: VN077542.D

Acq: 01 May 2023 14:51

Tgt Ion: 75 Resp: 216454

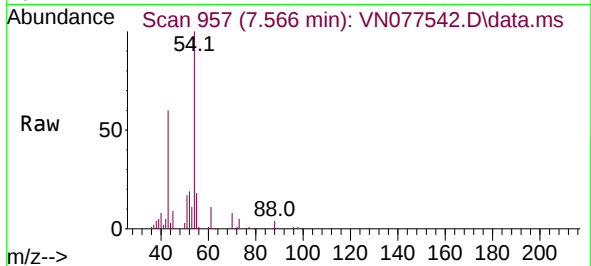
Ion	Ratio	Lower	Upper
75	100		
110	36.9	19.1	57.3
77	31.1	25.0	37.4





#37
Ethyl Acetate
Concen: 17.349 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

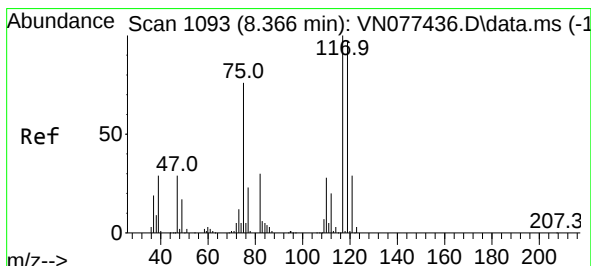
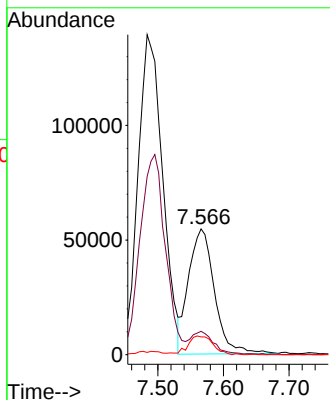
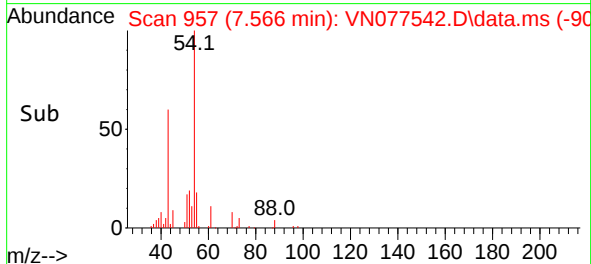
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



Tgt Ion: 43 Resp: 149780
Ion Ratio Lower Upper
43 100
61 15.9 13.2 19.8
70 14.1 11.3 16.9

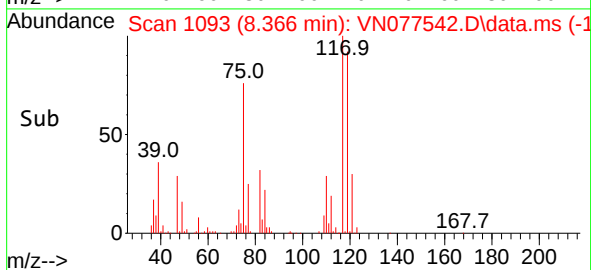
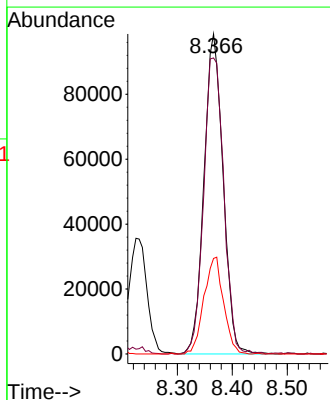
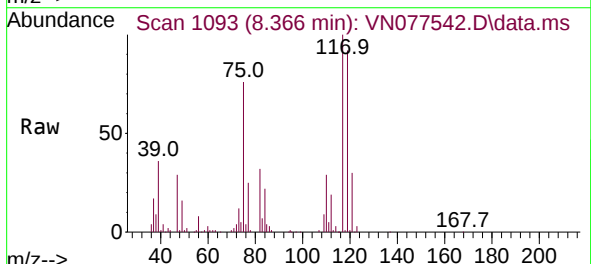
Manual Integrations
APPROVED

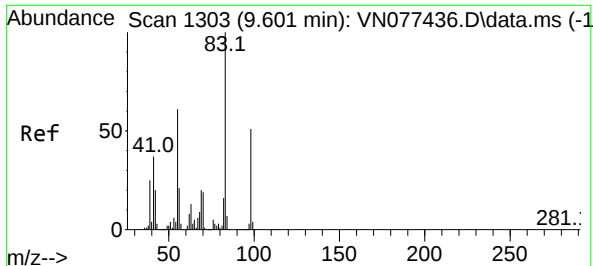
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#38
Carbon Tetrachloride
Concen: 19.015 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Tgt Ion:117 Resp: 238367
Ion Ratio Lower Upper
117 100
119 92.5 77.3 115.9
121 29.8 23.3 34.9





#39

Methylcyclohexane

Concen: 19.030 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077542.D

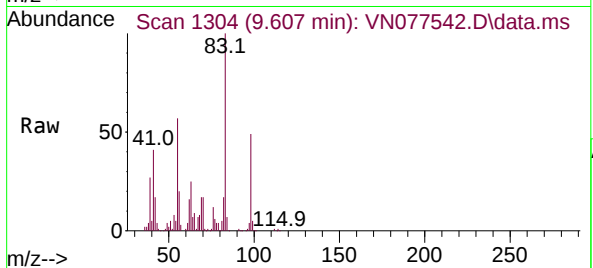
Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02



Tgt Ion: 83 Resp: 284872

Ion Ratio Lower Upper

83 100

55 57.1 49.1 73.7

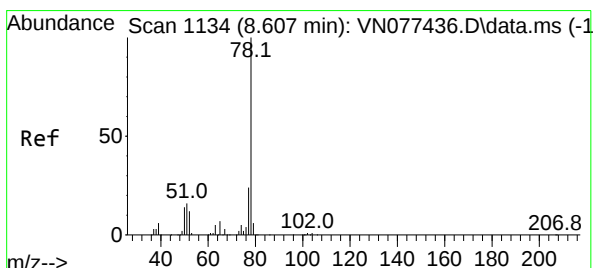
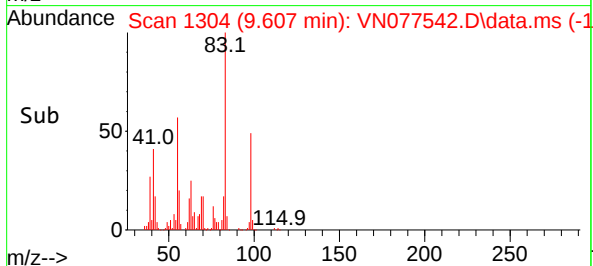
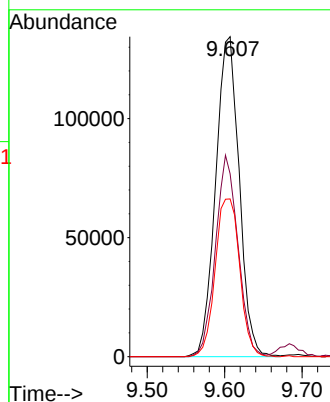
98 49.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#40

Benzene

Concen: 19.229 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077542.D

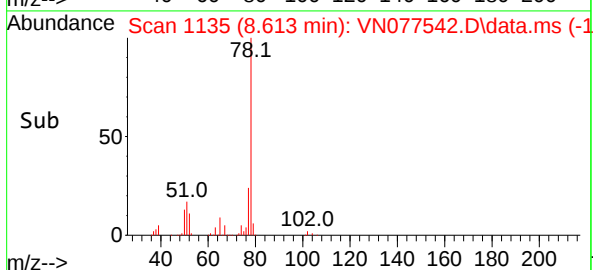
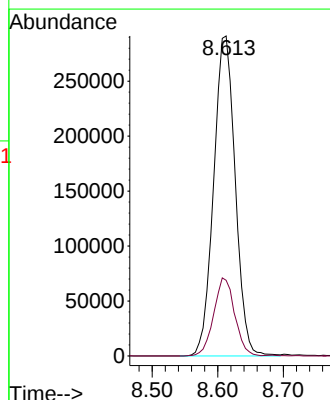
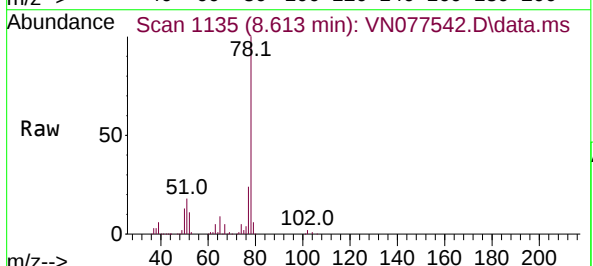
Acq: 01 May 2023 14:51

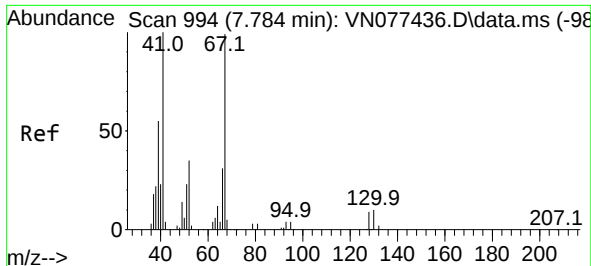
Tgt Ion: 78 Resp: 665586

Ion Ratio Lower Upper

78 100

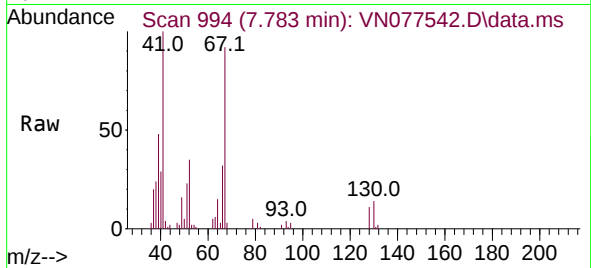
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 16.803 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

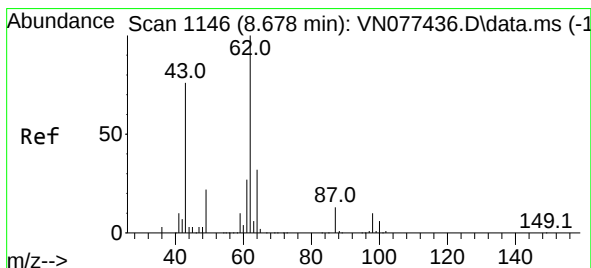
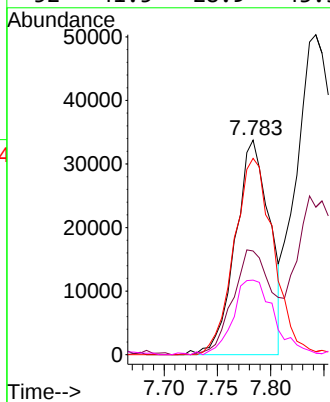
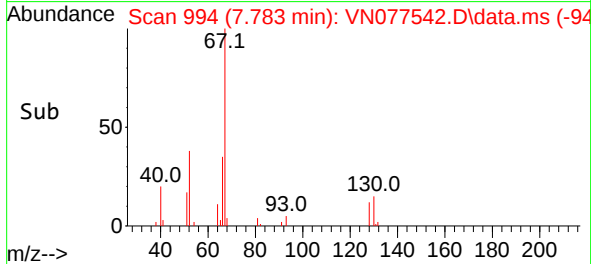
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



Tgt Ion: 41 Resp: 7555
Ion Ratio Lower Upper
41 100
39 58.2 42.6 64.0
67 105.6 77.5 116.3
52 41.5 28.9 43.3

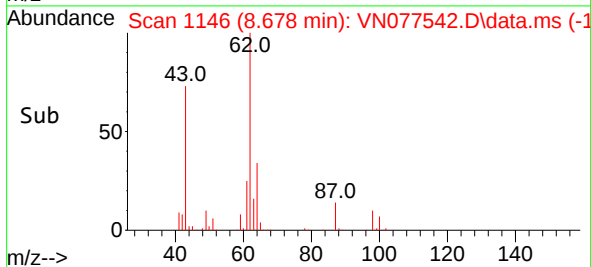
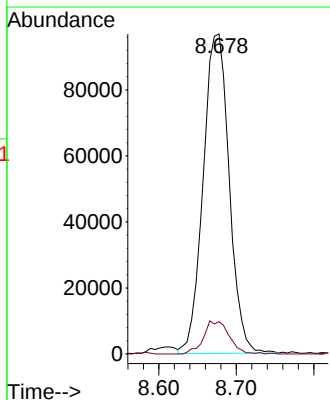
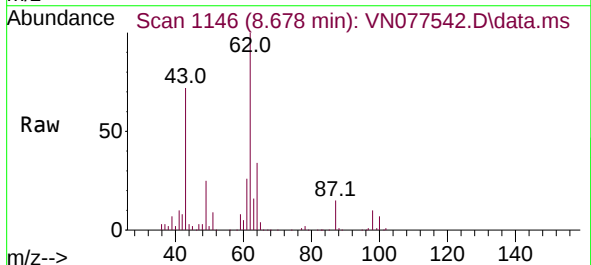
Manual Integrations
APPROVED

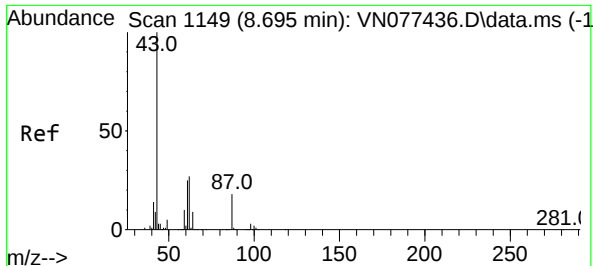
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#42
1,2-Dichloroethane
Concen: 19.010 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

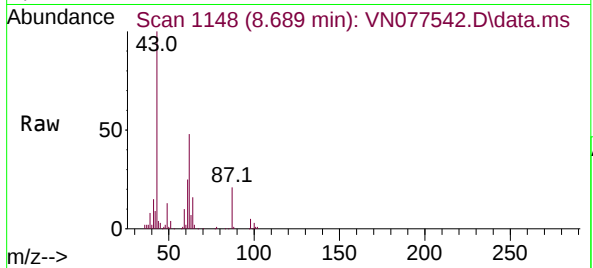
Tgt Ion: 62 Resp: 225995
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.733 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

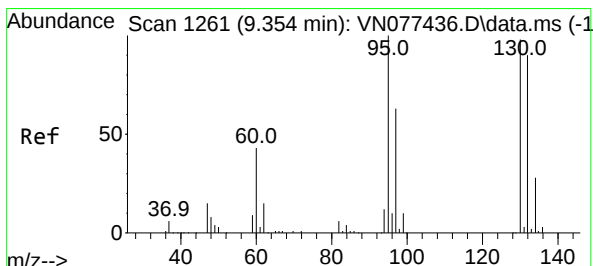
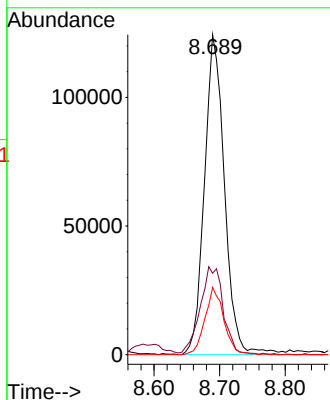
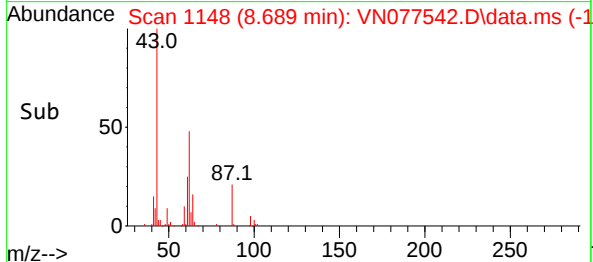
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



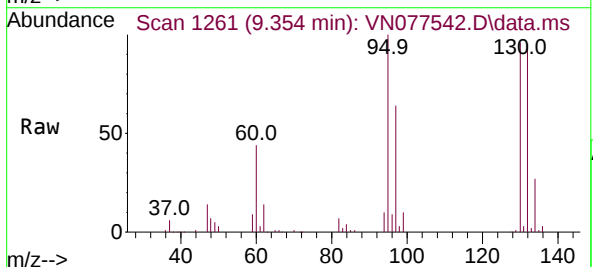
Tgt Ion: 43 Resp: 264869
Ion Ratio Lower Upper
43 100
61 31.4 24.7 37.1
87 19.8 14.6 21.8

Manual Integrations
APPROVED

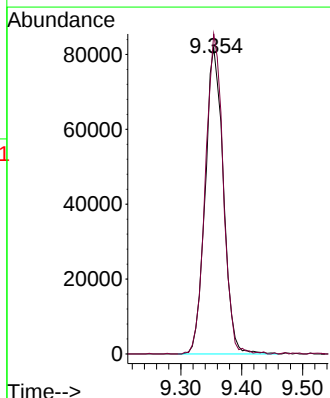
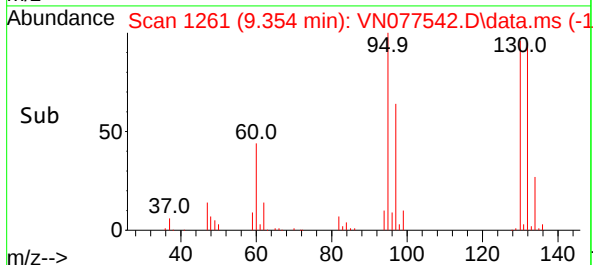
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

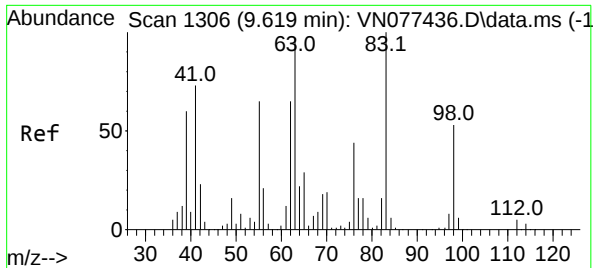


#44
Trichloroethene
Concen: 19.117 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



Tgt Ion:130 Resp: 169425
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.778 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

Tgt Ion: 63 Resp: 16036

Ion Ratio Lower Upper

63 100

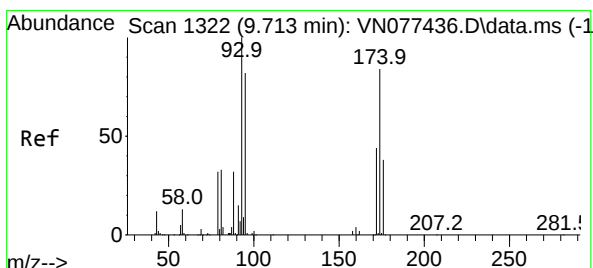
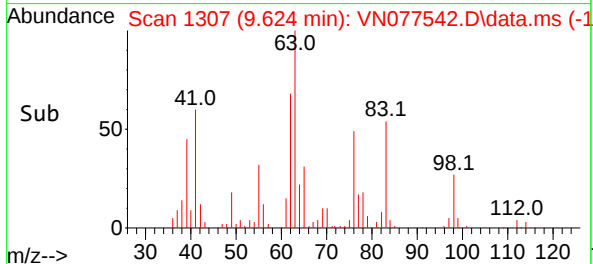
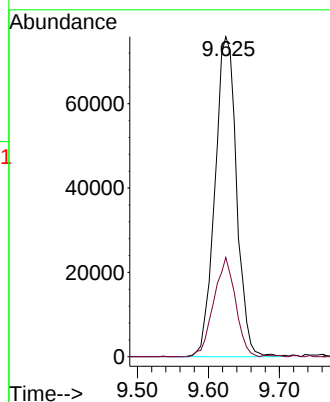
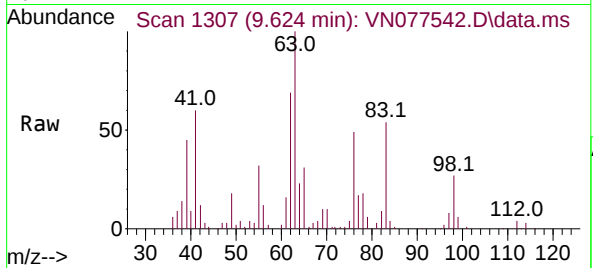
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#46

Dibromomethane

Concen: 18.767 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

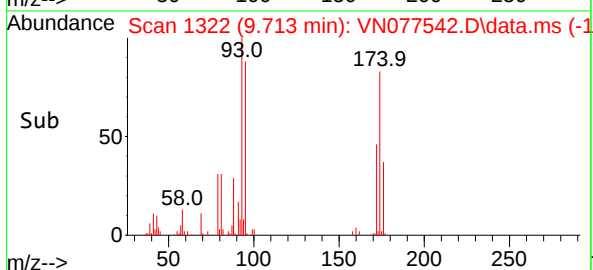
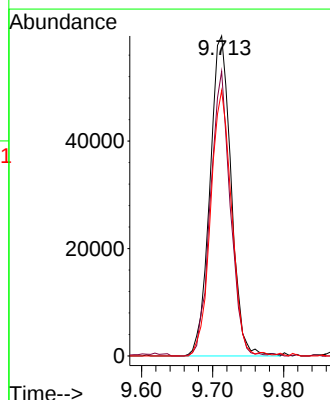
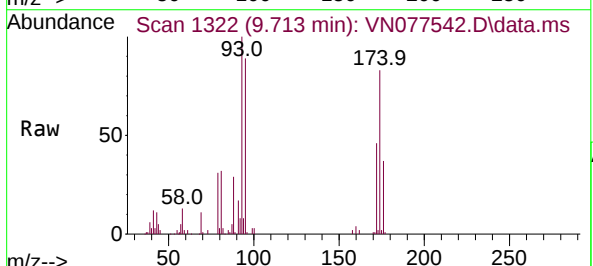
Tgt Ion: 93 Resp: 123469

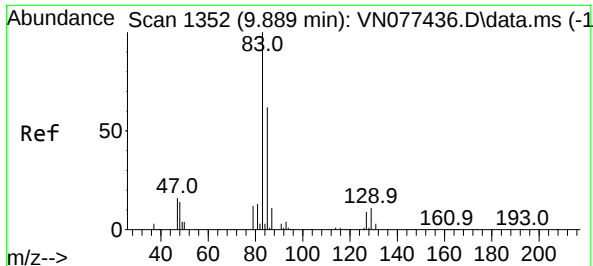
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

174 81.4 65.6 98.4





#47

Bromodichloromethane

Concen: 19.480 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

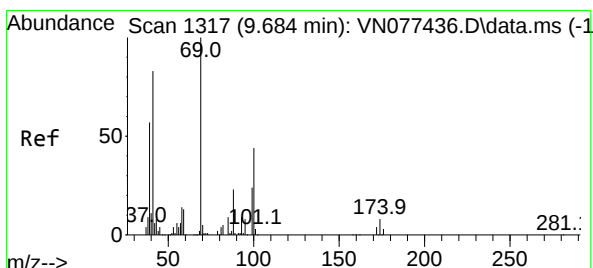
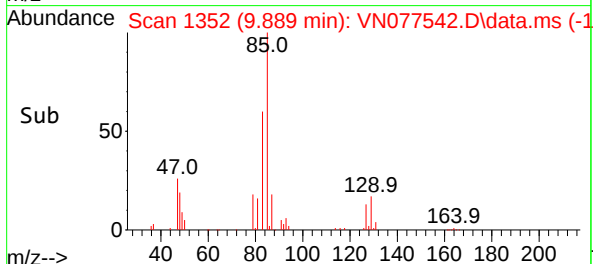
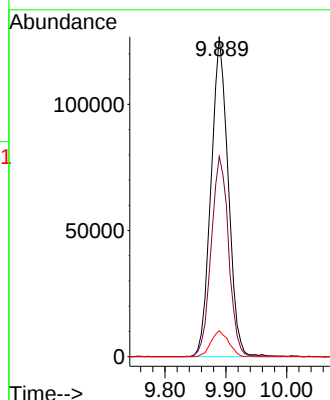
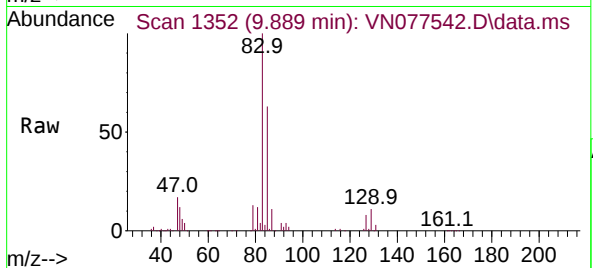
Tgt Ion:	83	Resp:	24790
Ion Ratio	Lower	Upper	
83	100		
85	62.5	49.6	74.4
127	8.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#48

Methyl methacrylate

Concen: 17.319 ug/l

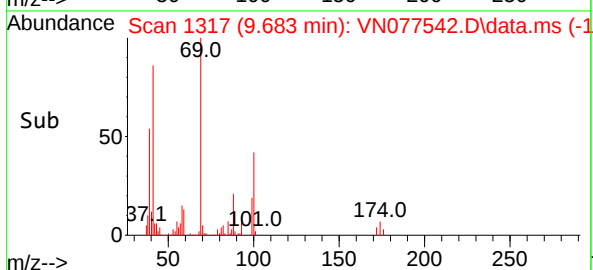
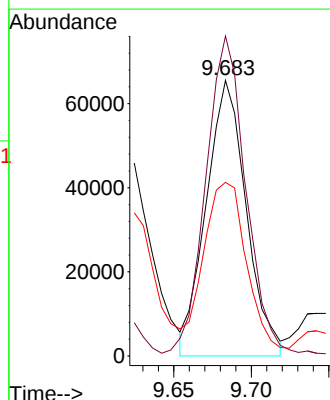
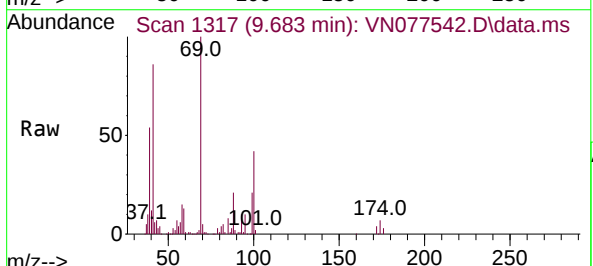
RT: 9.683 min Scan# 1317

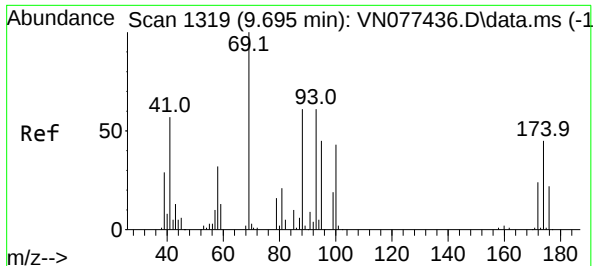
Delta R.T. -0.000 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Tgt Ion:	41	Resp:	117753
Ion Ratio	Lower	Upper	
41	100		
69	117.5	90.4	135.6
39	69.0	54.6	81.8





#49

1,4-Dioxane

Concen: 369.957 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

Tgt Ion: 88 Resp: 6309

Ion Ratio Lower Upper

88 100

43 18.6 17.0 25.6

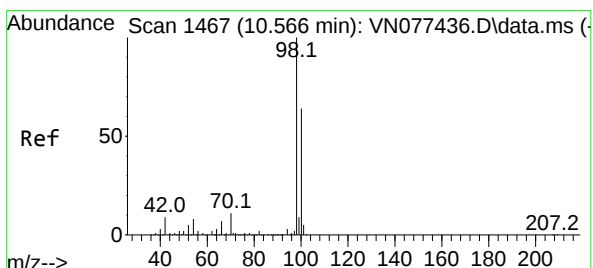
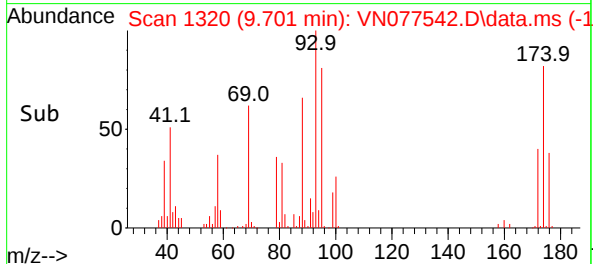
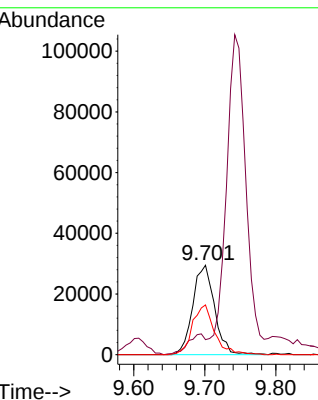
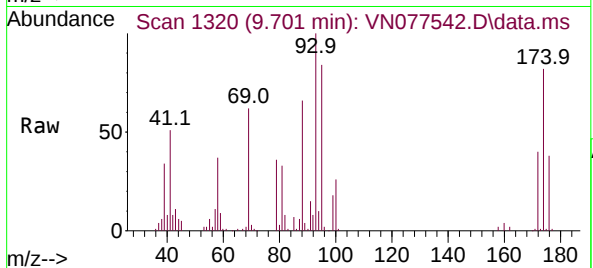
58 56.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#50

Toluene-d8

Concen: 48.185 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077542.D

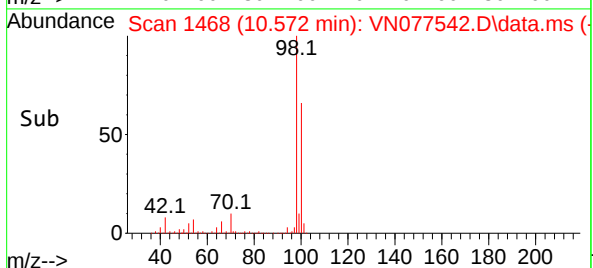
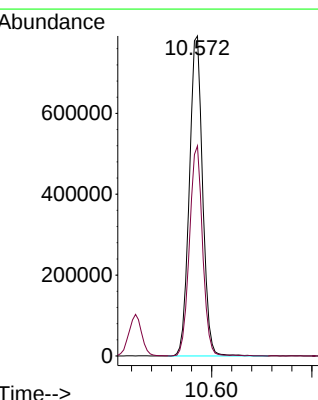
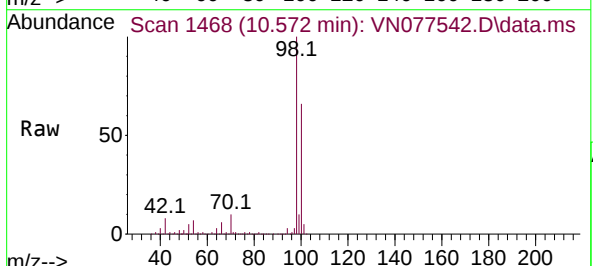
Acq: 01 May 2023 14:51

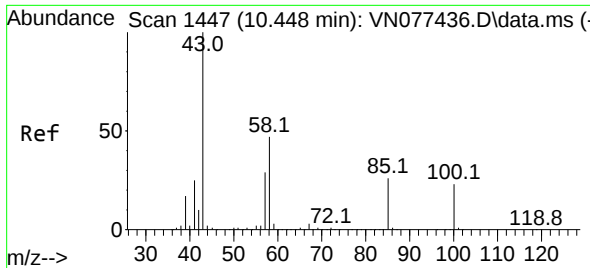
Tgt Ion: 98 Resp: 1452368

Ion Ratio Lower Upper

98 100

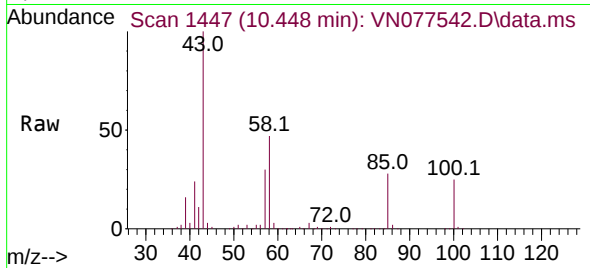
100 64.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 87.229 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

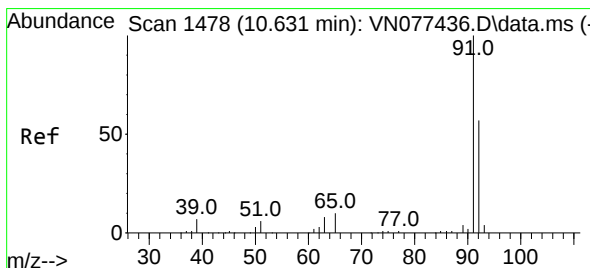
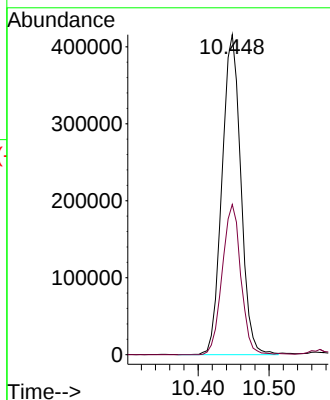
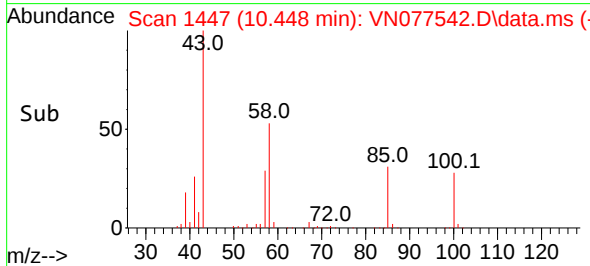
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



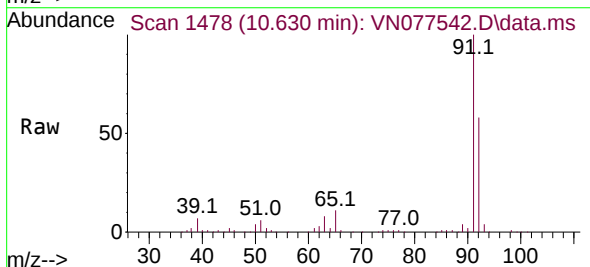
Tgt Ion: 43 Resp: 764212
Ion Ratio Lower Upper
43 100
58 46.3 36.6 54.8

Manual Integrations
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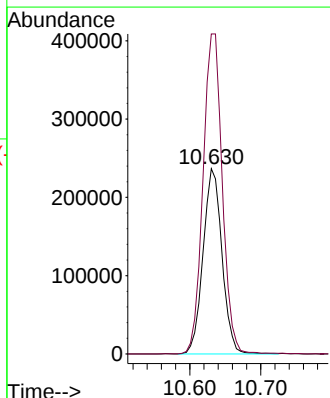
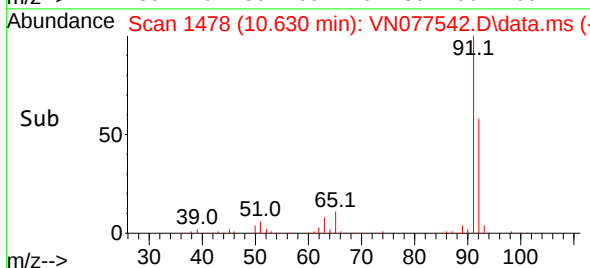
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

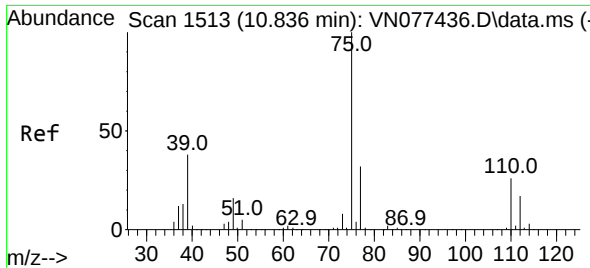


#52
Toluene
Concen: 19.351 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



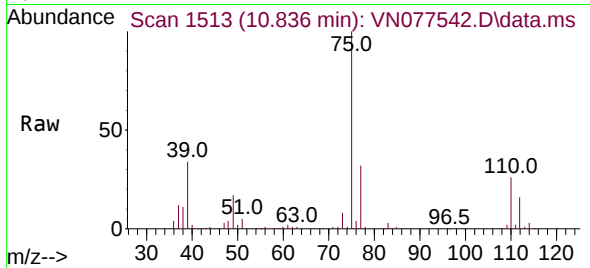
Tgt Ion: 92 Resp: 438791
Ion Ratio Lower Upper
92 100
91 176.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.130 ug/l
 RT: 10.836 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN077542.D
 Acq: 01 May 2023 14:51

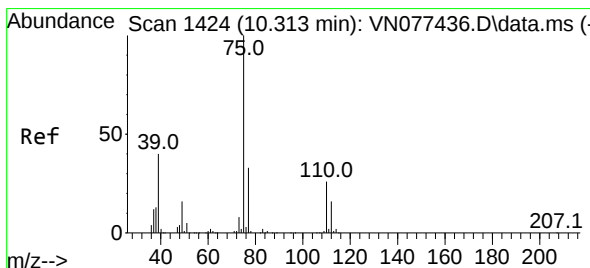
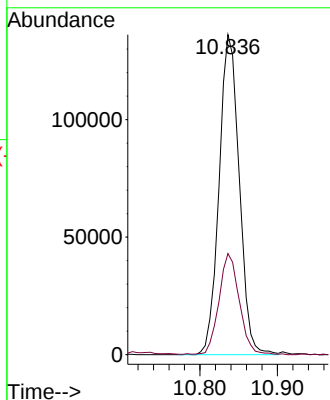
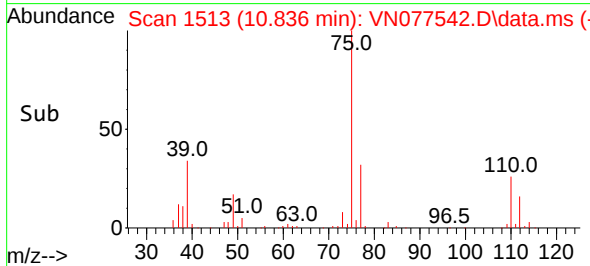
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02



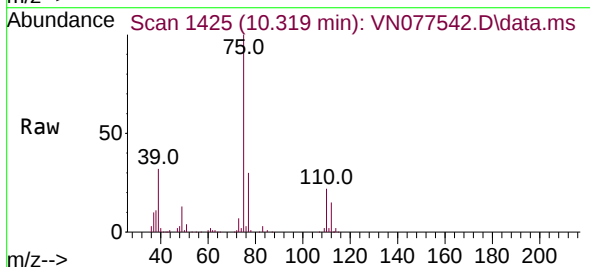
Tgt Ion: 75 Resp: 246510
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0

Manual Integrations
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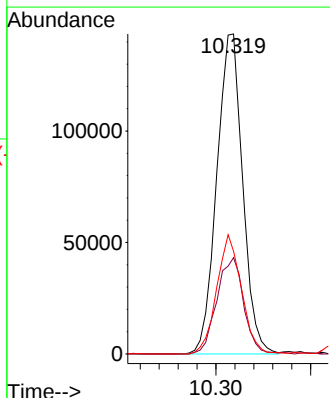
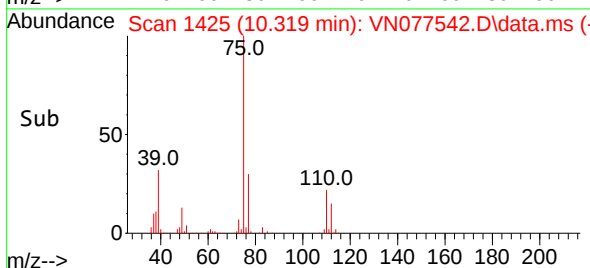
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023

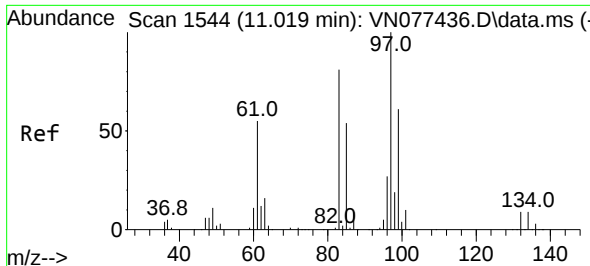


#54
 cis-1,3-Dichloropropene
 Concen: 19.443 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VN077542.D
 Acq: 01 May 2023 14:51



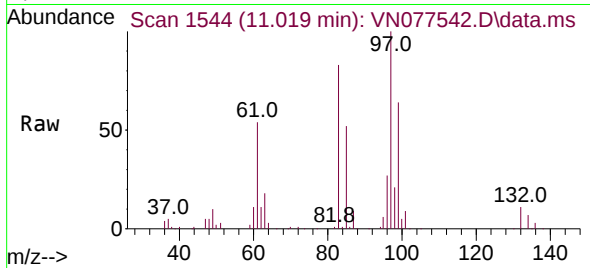
Tgt Ion: 75 Resp: 272709
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.1 39.1
 39 32.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.263 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

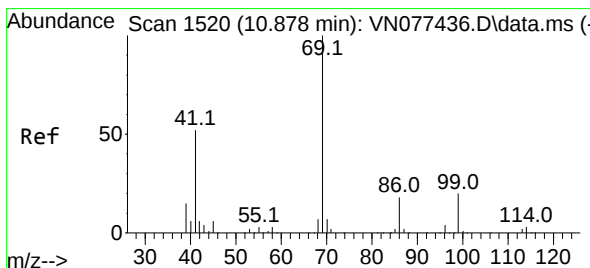
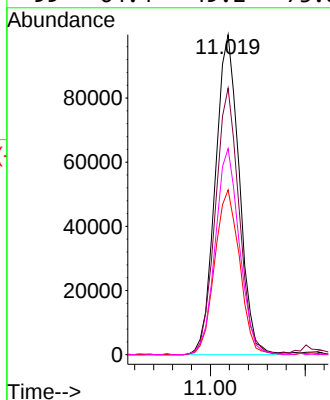
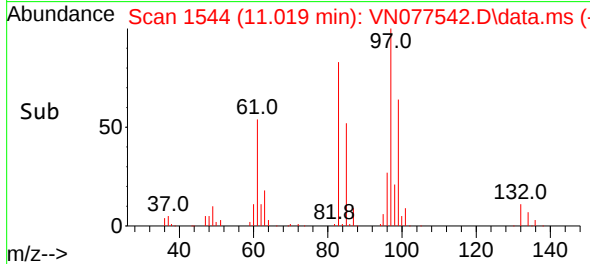
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



Tgt Ion: 97 Resp: 175650
Ion Ratio Lower Upper
97 100
83 83.3 65.1 97.7
85 51.5 43.4 65.2
99 64.4 49.2 73.8

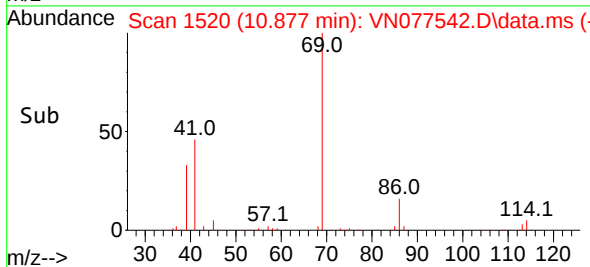
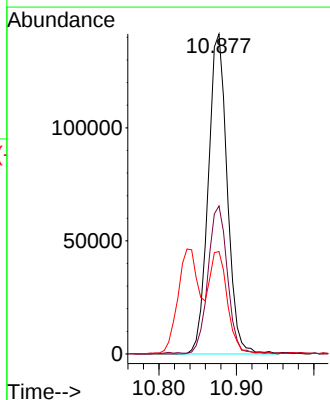
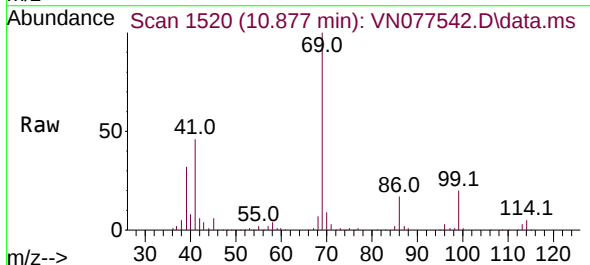
Manual Integrations
APPROVED

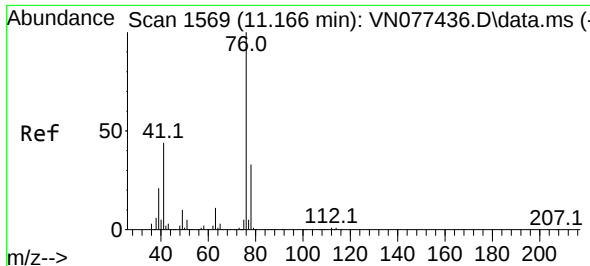
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#56
Ethyl methacrylate
Concen: 18.852 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

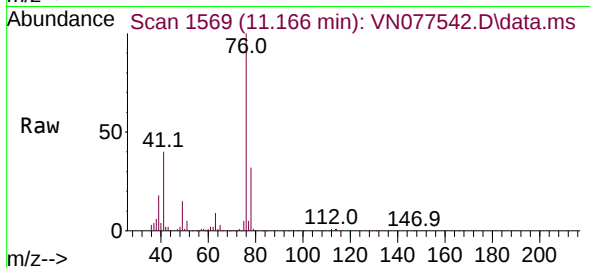
Tgt Ion: 69 Resp: 240863
Ion Ratio Lower Upper
69 100
41 47.6 39.6 59.4
39 29.6 28.6 43.0





#57
1,3-Dichloropropane
Concen: 19.893 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

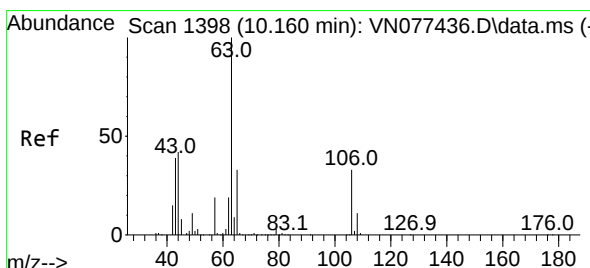
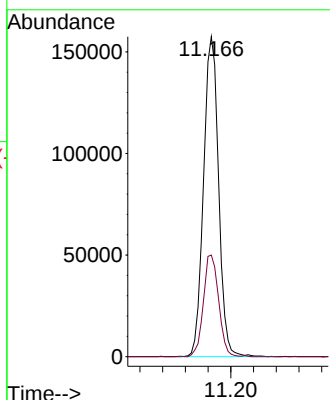
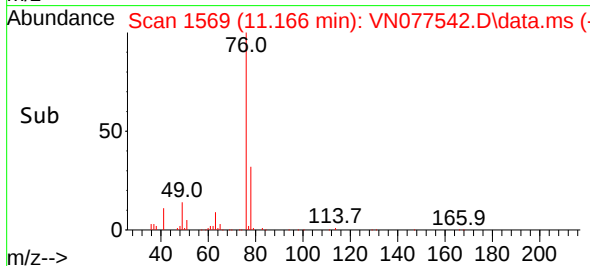
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



Tgt Ion: 76 Resp: 288929
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

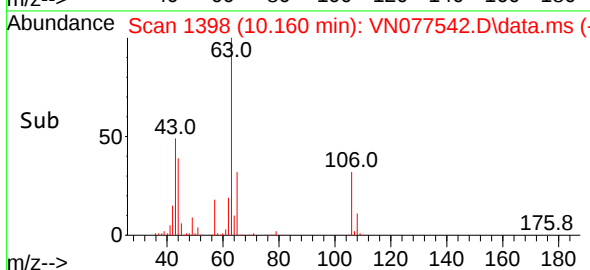
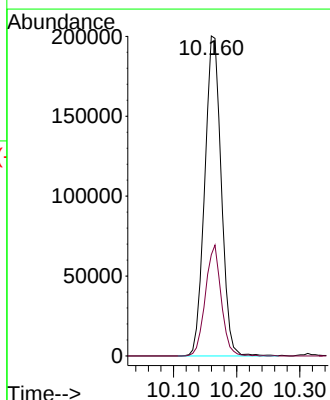
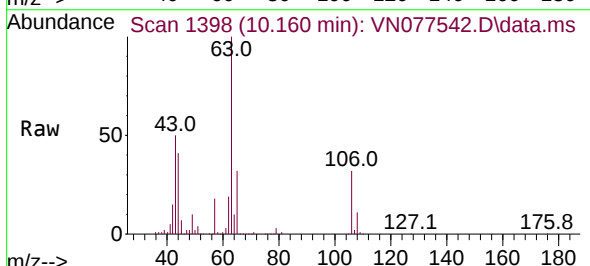
Manual Integrations
APPROVED

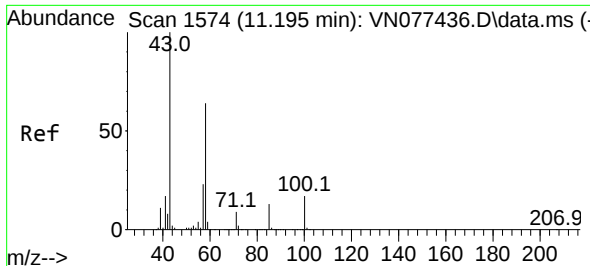
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#58
2-Chloroethyl Vinyl ether
Concen: 84.210 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

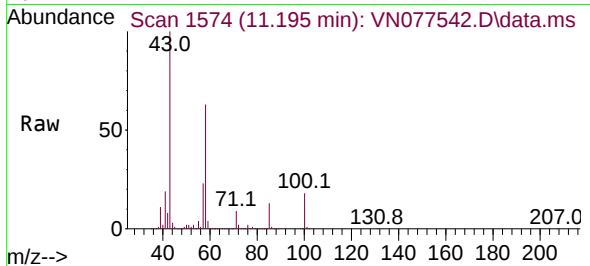
Tgt Ion: 63 Resp: 363919
Ion Ratio Lower Upper
63 100
106 33.2 26.2 39.4





#59
2-Hexanone
Concen: 88.438 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

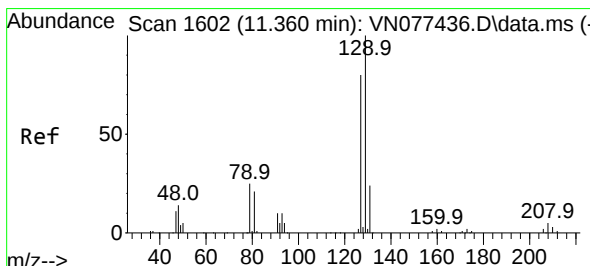
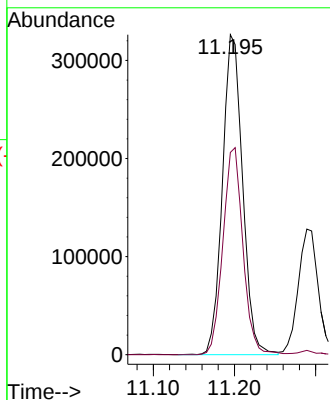
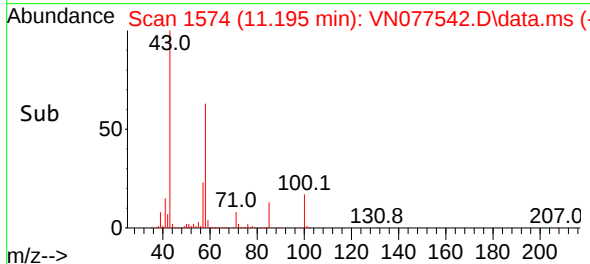
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



Tgt Ion: 43 Resp: 563197
Ion Ratio Lower Upper
43 100
58 64.3 31.7 95.1

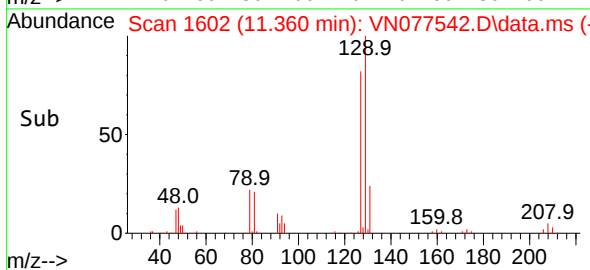
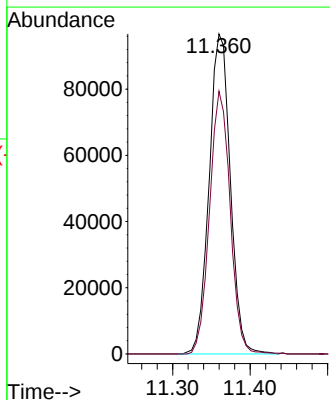
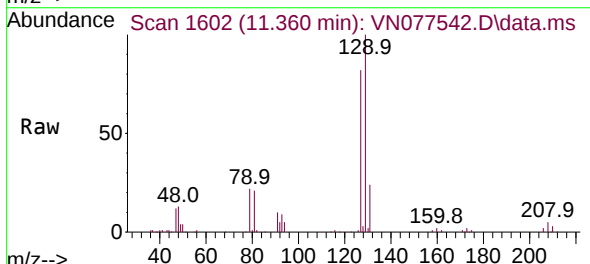
Manual Integrations
APPROVED

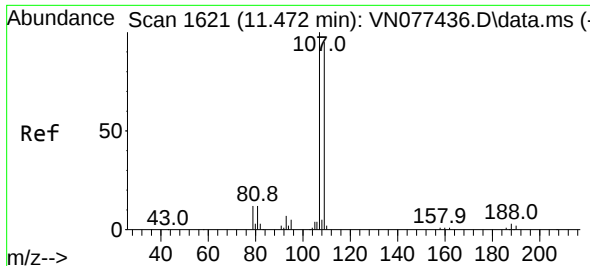
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#60
Dibromochloromethane
Concen: 19.427 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

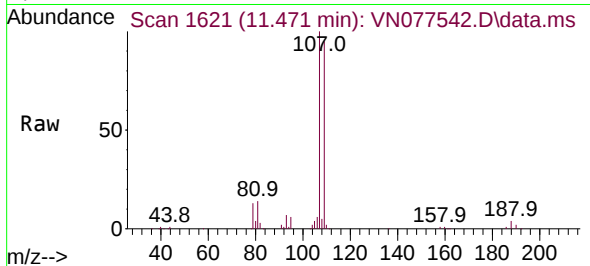
Tgt Ion:129 Resp: 183844
Ion Ratio Lower Upper
129 100
127 79.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.045 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

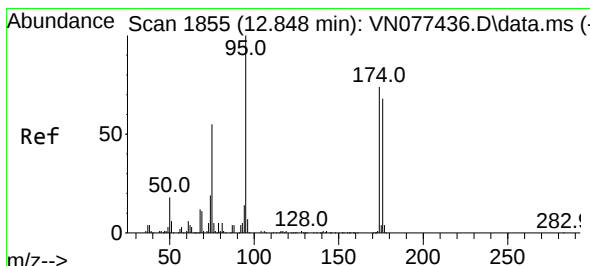
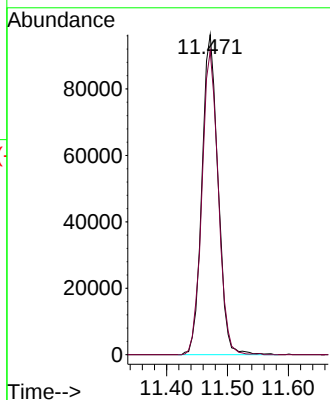
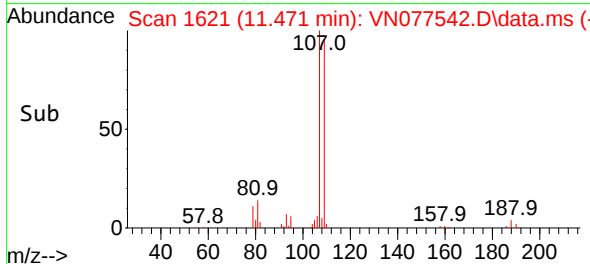
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



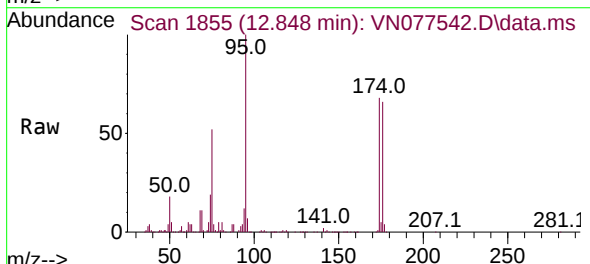
Tgt Ion:107 Resp: 177298
Ion Ratio Lower Upper
107 100
109 96.3 76.6 114.8

Manual Integrations
APPROVED

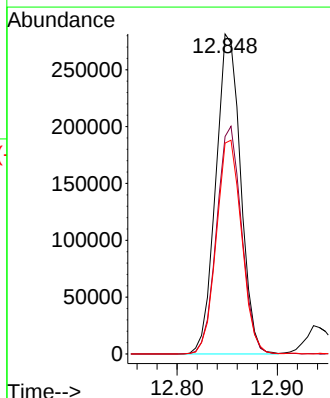
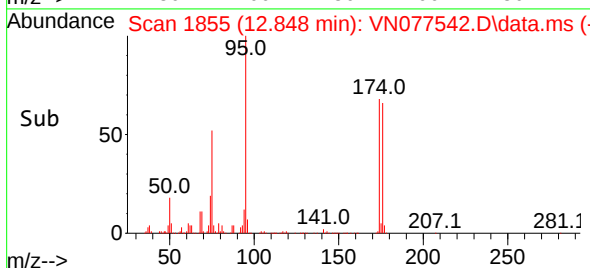
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

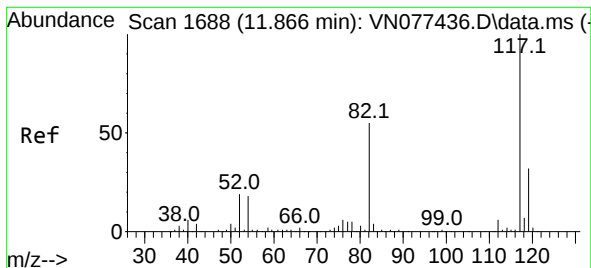


#62
4-Bromofluorobenzene
Concen: 49.015 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



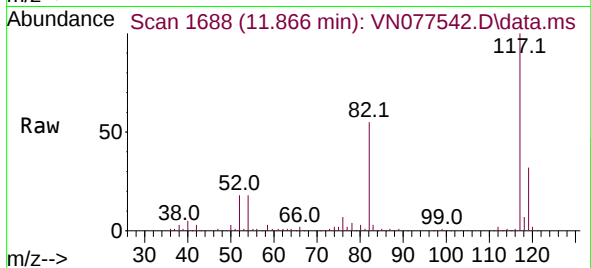
Tgt Ion: 95 Resp: 483369
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.8
176 68.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117345
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

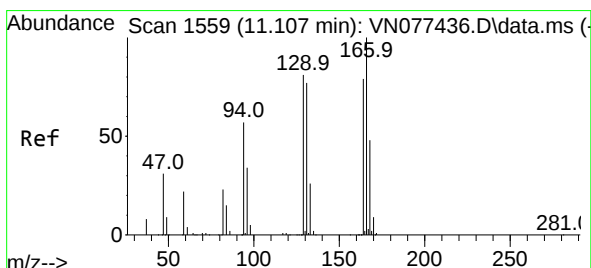
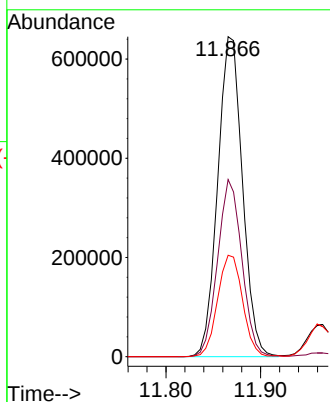
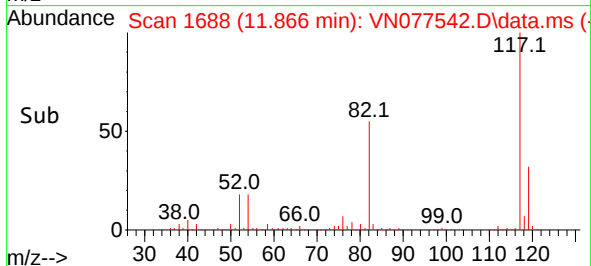
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



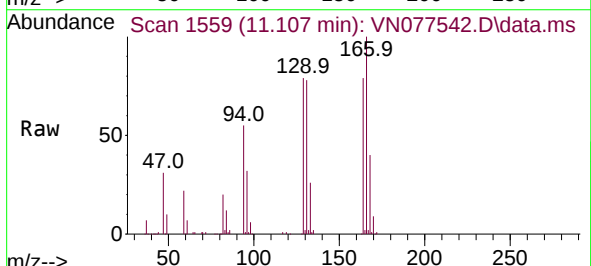
Tgt Ion:117 Resp: 117345
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.7 25.6 38.4

Manual Integrations
APPROVED

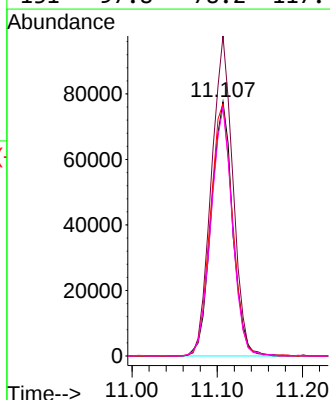
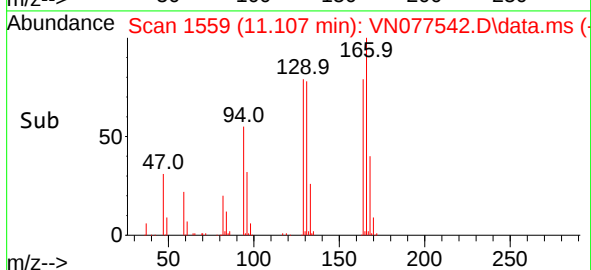
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

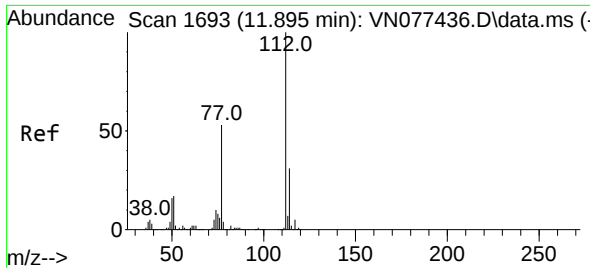


#64
Tetrachloroethene
Concen: 19.253 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



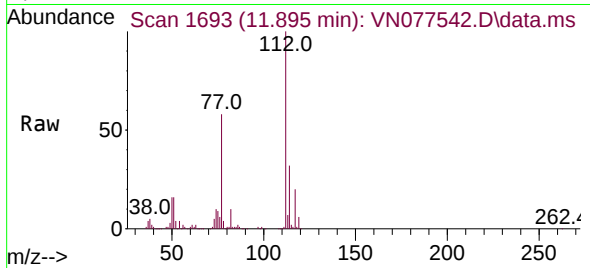
Tgt Ion:164 Resp: 135240
Ion Ratio Lower Upper
164 100
166 126.0 101.4 152.0
129 99.3 82.4 123.6
131 97.8 78.2 117.4





#65
Chlorobenzene
Concen: 19.172 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

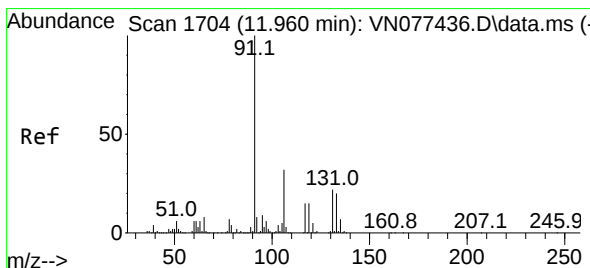
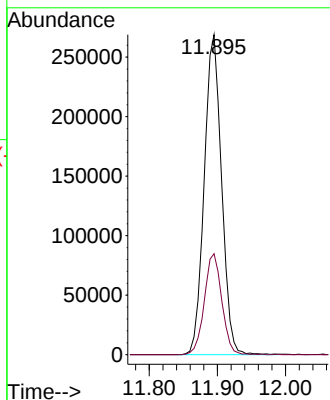
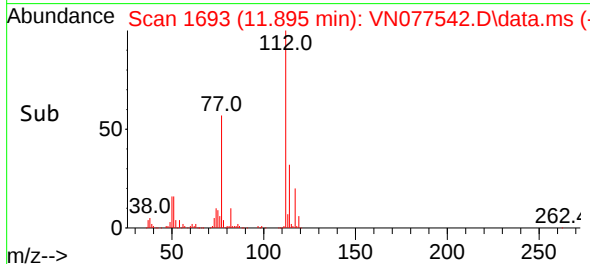
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



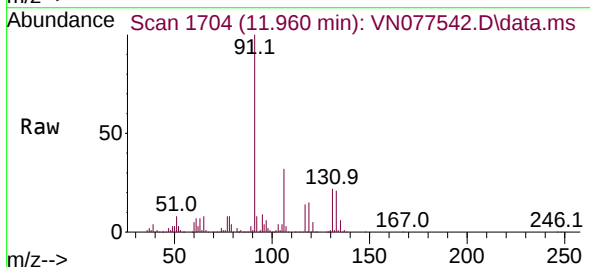
Tgt Ion:112 Resp: 47605
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

Manual Integrations
APPROVED

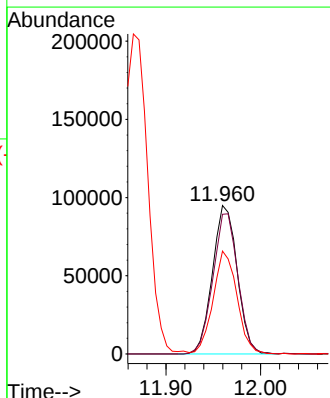
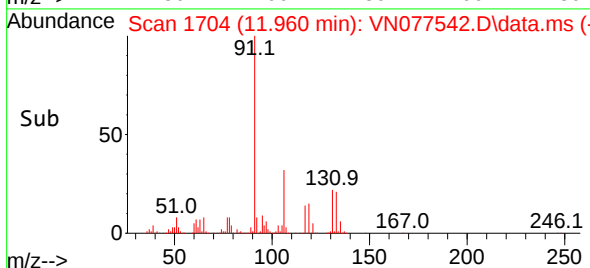
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

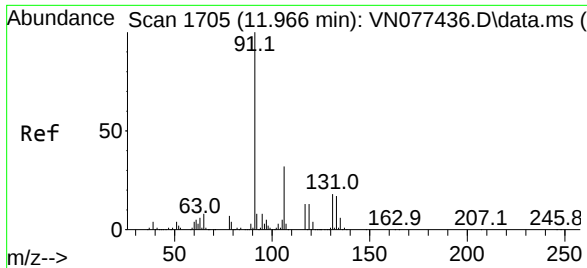


#66
1,1,1,2-Tetrachloroethane
Concen: 19.057 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



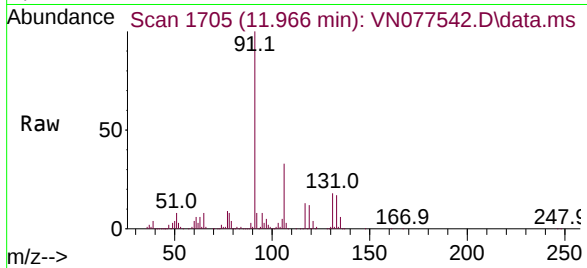
Tgt Ion:131 Resp: 172162
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 67.1 34.1 102.2





#67
Ethyl Benzene
Concen: 19.730 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

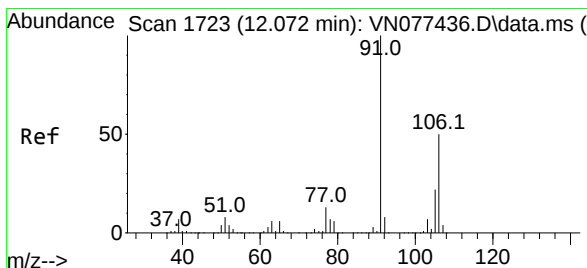
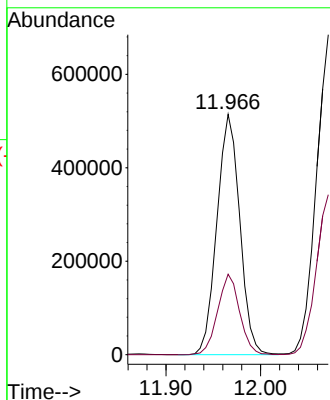
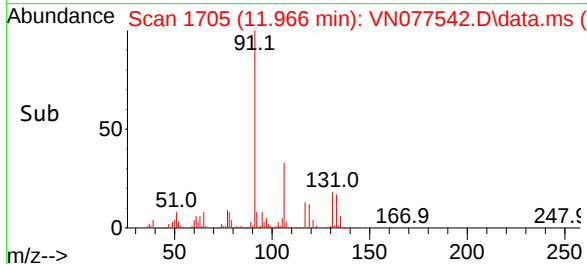
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



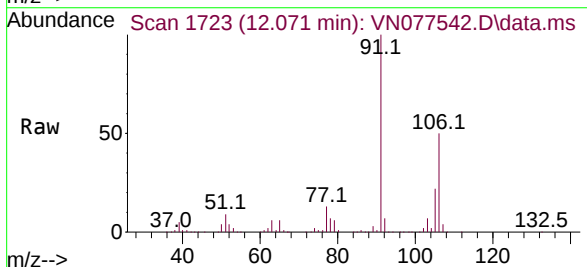
Tgt Ion: 91 Resp: 862448
Ion Ratio Lower Upper
91 100
106 33.5 25.6 38.4

Manual Integrations
APPROVED

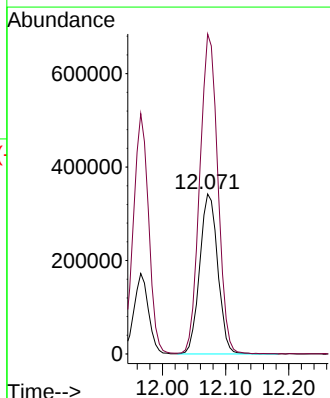
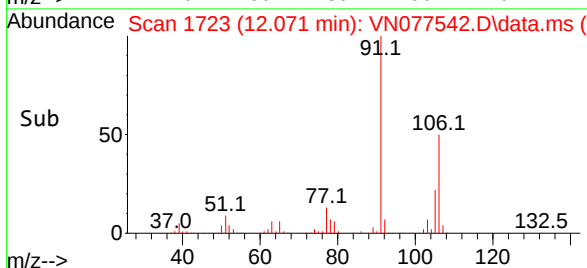
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

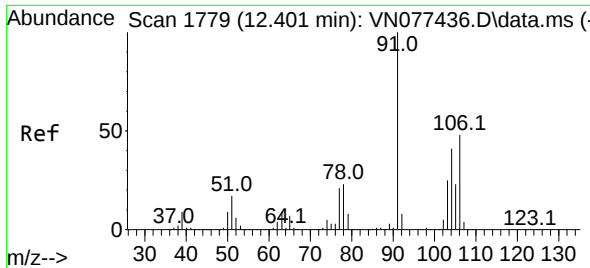


#68
m/p-Xylenes
Concen: 40.091 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



Tgt Ion:106 Resp: 681104
Ion Ratio Lower Upper
106 100
91 199.6 159.6 239.4





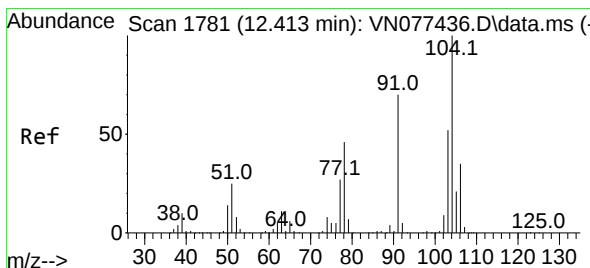
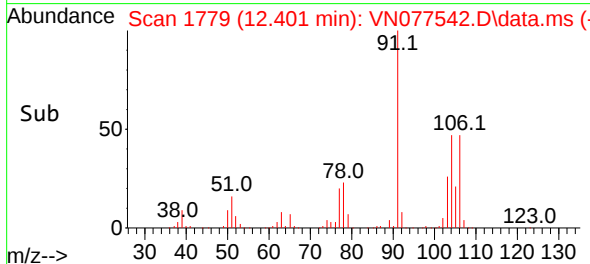
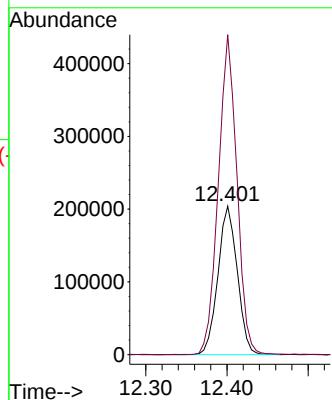
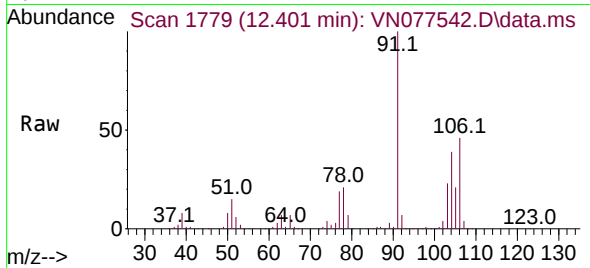
#69
o-Xylene
Concen: 20.270 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

Tgt Ion:106 Resp: 338732
Ion Ratio Lower Upper
106 100
91 207.0 105.2 315.5

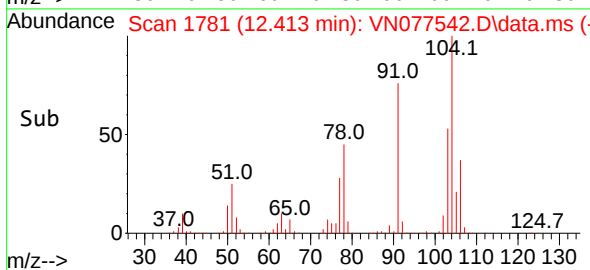
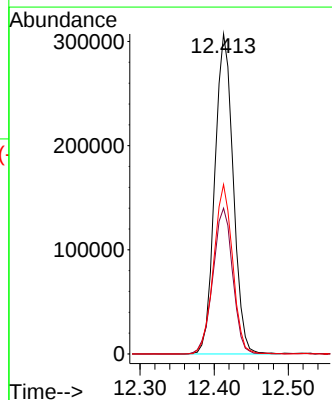
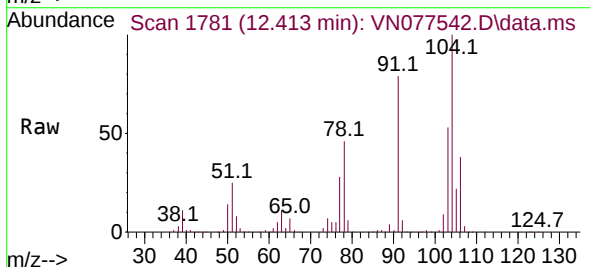
Manual Integrations
APPROVED

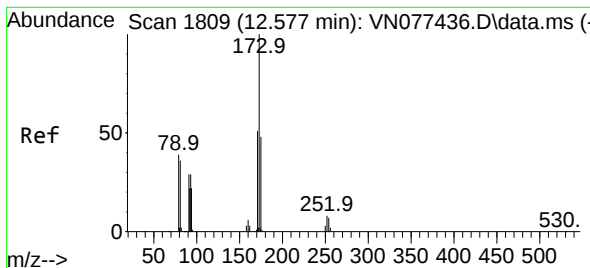
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#70
Styrene
Concen: 20.264 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Tgt Ion:104 Resp: 529571
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 54.6 43.2 64.8





#71

Bromoform

Concen: 19.055 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

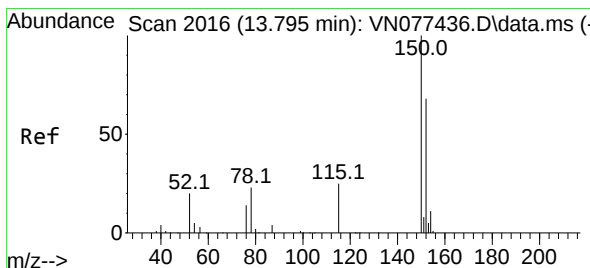
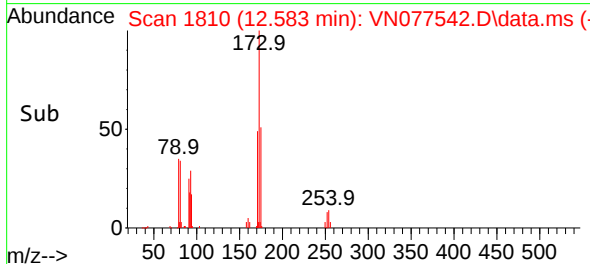
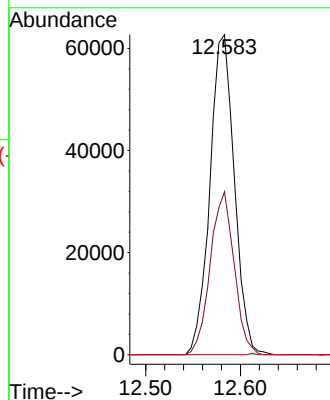
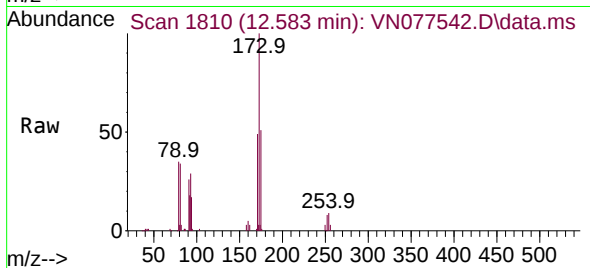
Tgt Ion:173 Resp: 112624
 Ion Ratio Lower Upper
 173 100
 175 49.7 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

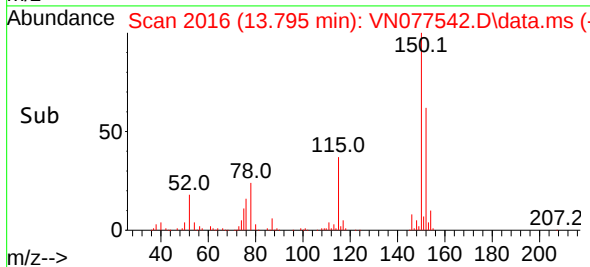
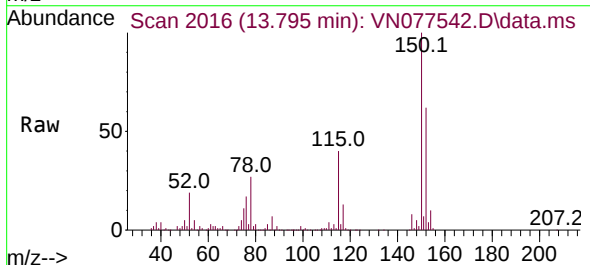
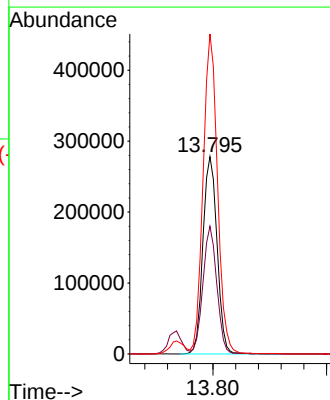
RT: 13.795 min Scan# 2016

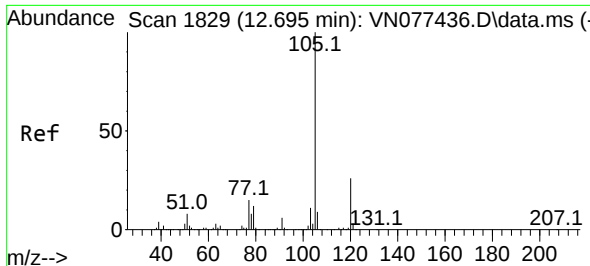
Delta R.T. -0.000 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

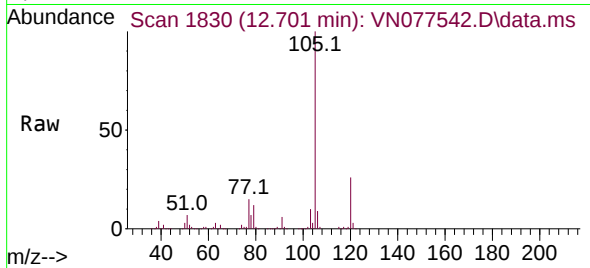
Tgt Ion:152 Resp: 479591
 Ion Ratio Lower Upper
 152 100
 115 63.6 32.3 96.8
 150 164.5 0.0 355.8





#73
Isopropylbenzene
Concen: 19.559 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

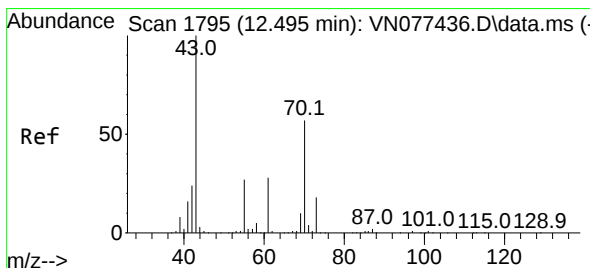
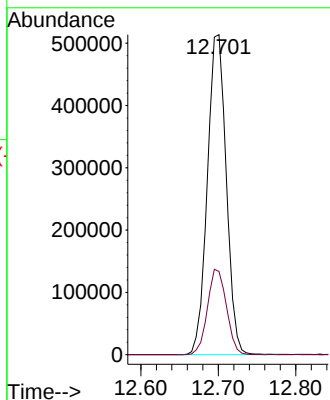
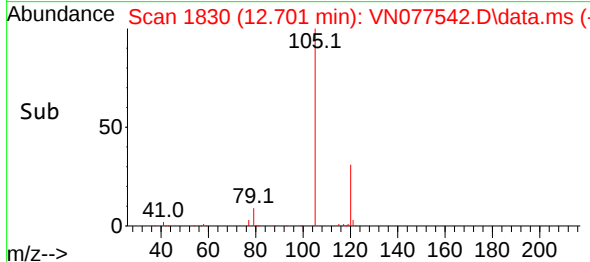
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



Tgt Ion:105 Resp: 870460
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

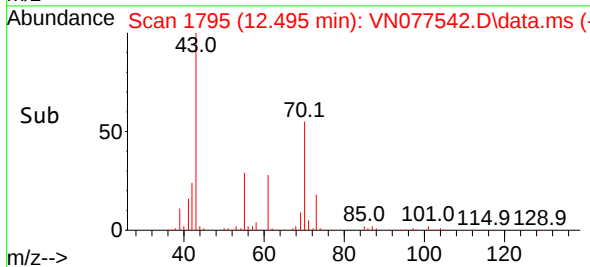
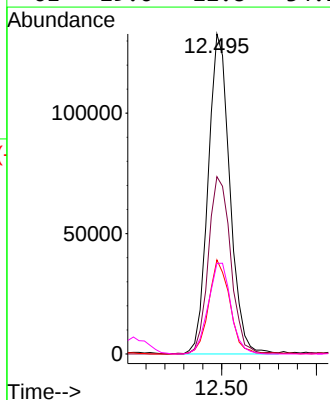
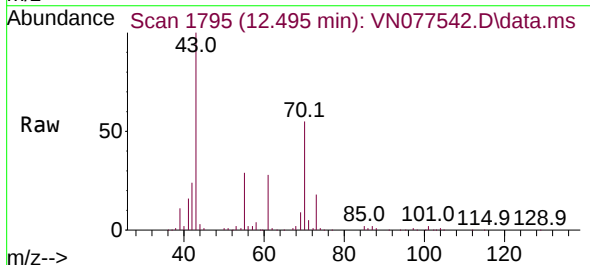
Manual Integrations
APPROVED

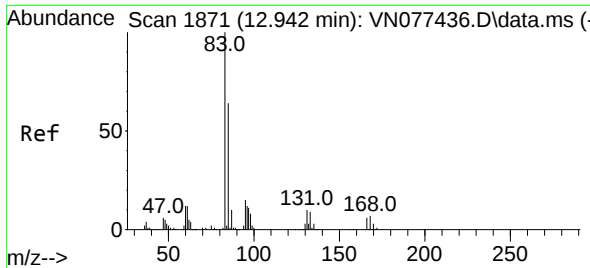
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#74
N-ethyl acetate
Concen: 16.043 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

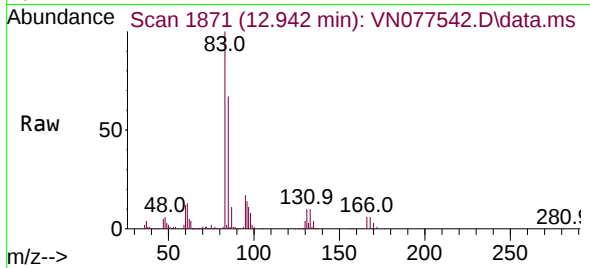
Tgt Ion: 43 Resp: 211382
Ion Ratio Lower Upper
43 100
70 57.5 43.4 65.2
55 28.6 21.4 32.0
61 29.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.346 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

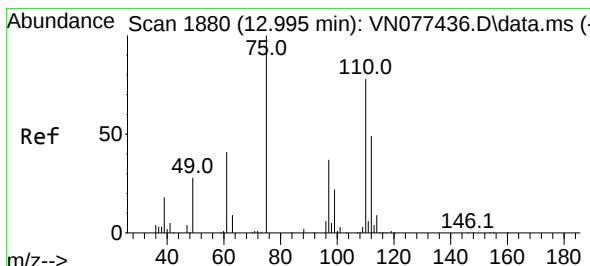
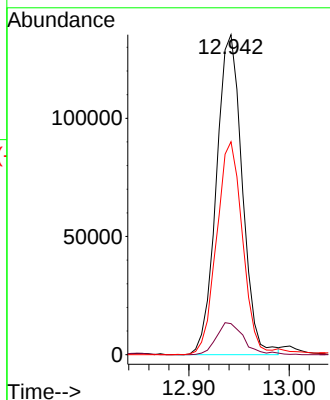
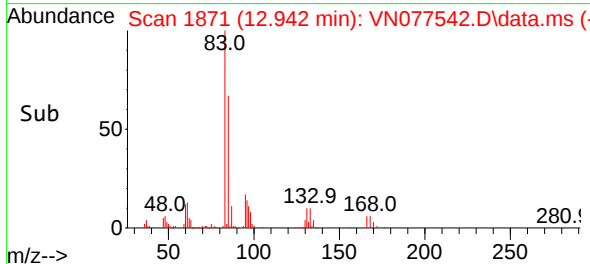
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



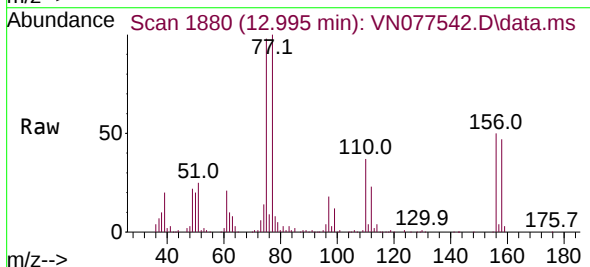
Tgt Ion: 83 Resp: 242560
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 66.6 31.9 95.7

Manual Integrations
APPROVED

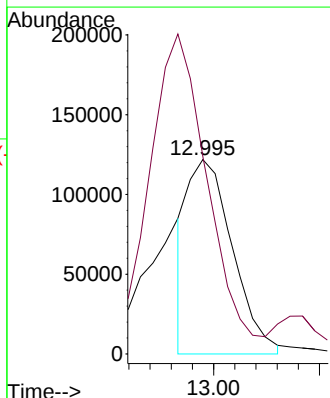
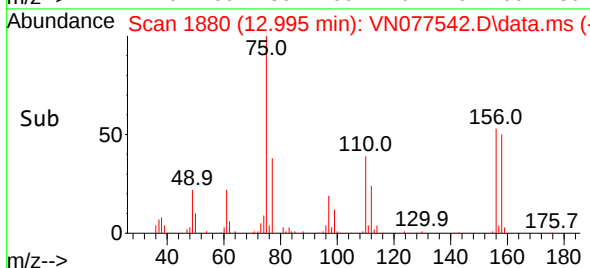
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

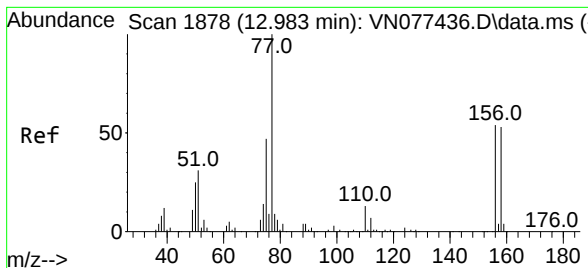


#76
1,2,3-Trichloropropane
Concen: 16.118 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



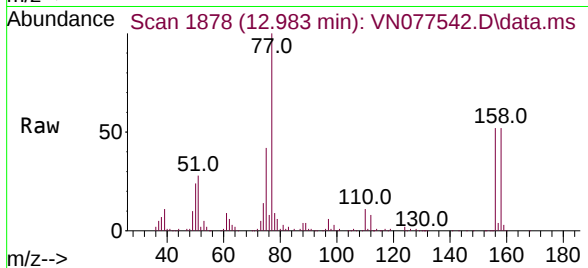
Tgt Ion: 75 Resp: 179753
Ion Ratio Lower Upper
75 100
77 216.1 84.5 253.5





#77
Bromobenzene
Concen: 18.336 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

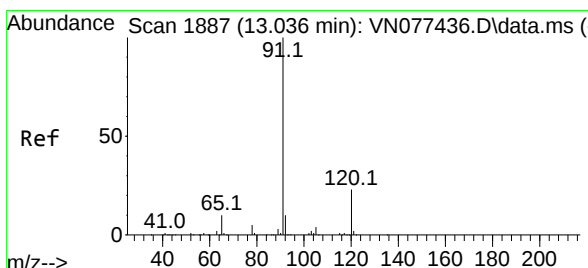
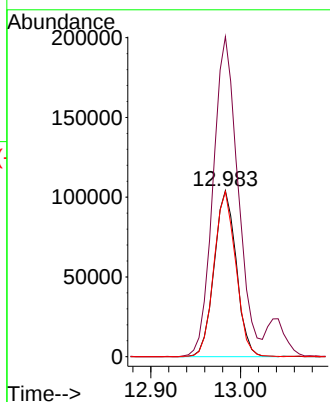
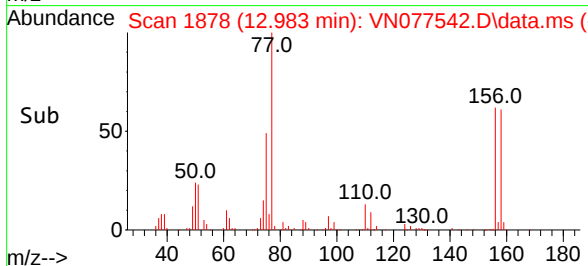
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



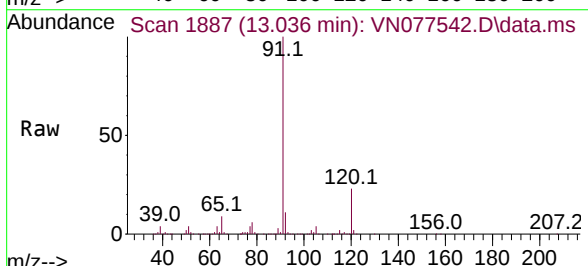
Tgt Ion:156 Resp: 177849
Ion Ratio Lower Upper
156 100
77 218.4 107.7 323.3
158 98.1 48.4 145.3

Manual Integrations
APPROVED

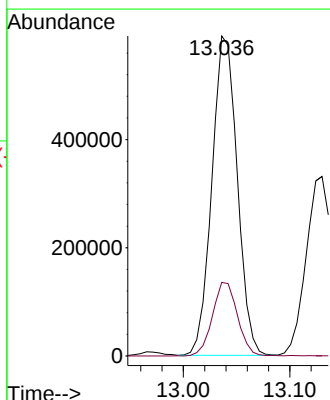
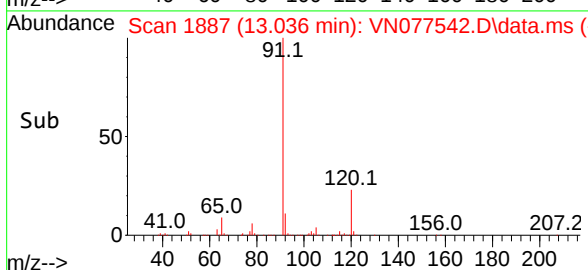
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

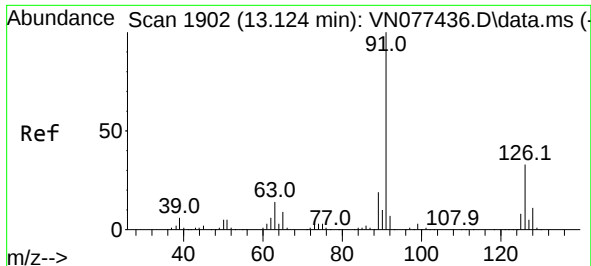


#78
n-propylbenzene
Concen: 19.840 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



Tgt Ion: 91 Resp: 976291
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.332 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

Tgt Ion: 91 Resp: 586510

Ion Ratio Lower Upper

91 100

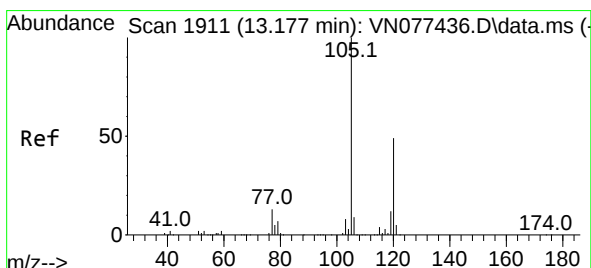
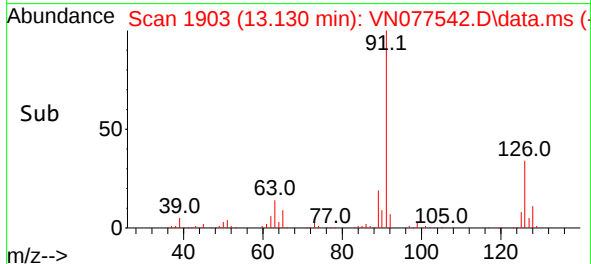
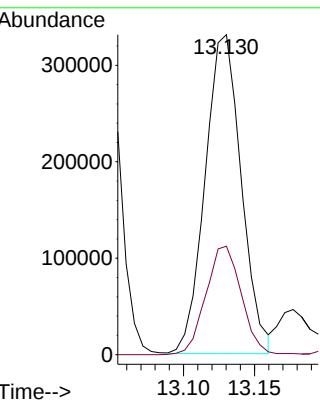
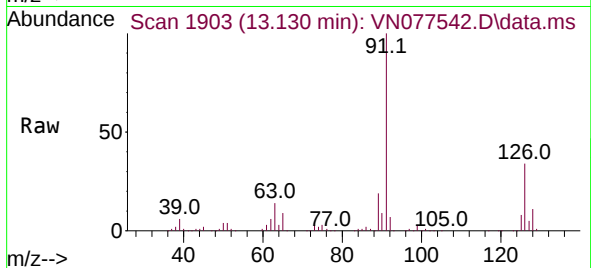
126 33.4 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#80

1,3,5-Trimethylbenzene

Concen: 20.384 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077542.D

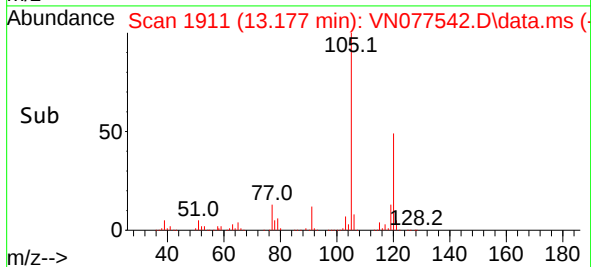
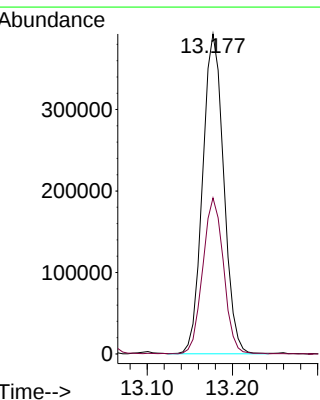
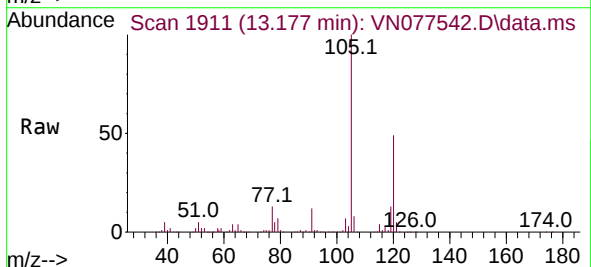
Acq: 01 May 2023 14:51

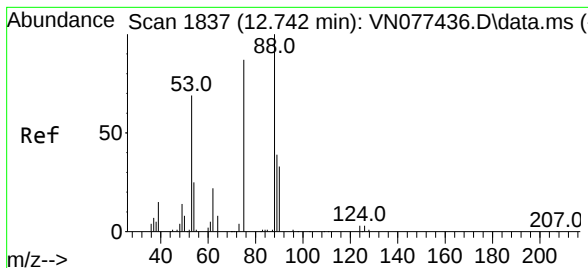
Tgt Ion:105 Resp: 673705

Ion Ratio Lower Upper

105 100

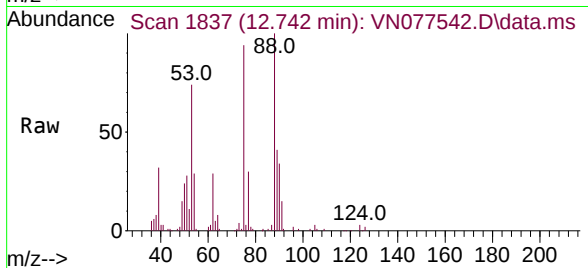
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.927 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

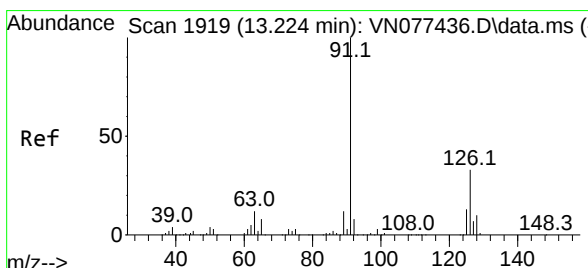
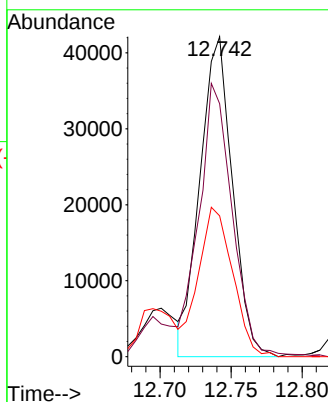
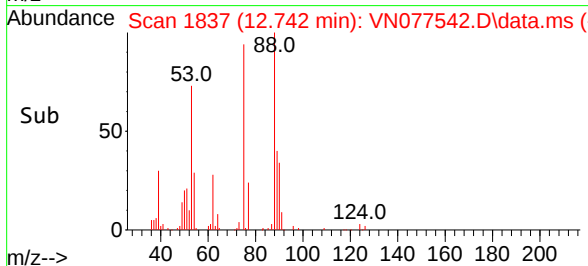
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



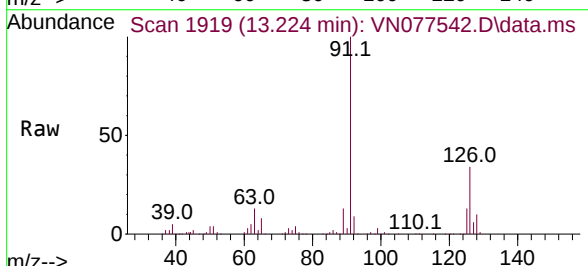
Tgt Ion: 75 Resp: 66818
Ion Ratio Lower Upper
75 100
53 87.7 67.4 101.2
89 49.8 38.8 58.2

Manual Integrations
APPROVED

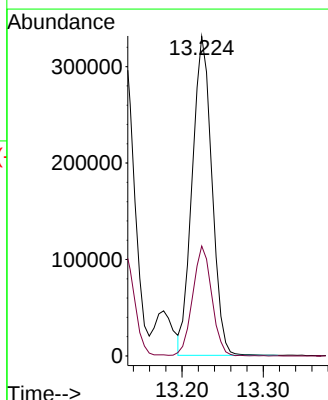
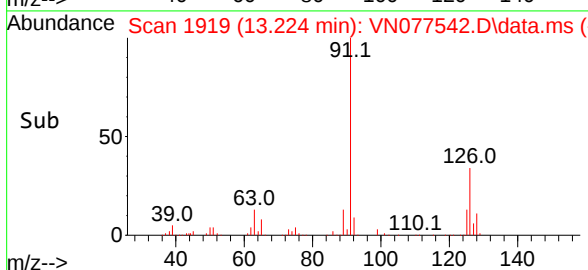
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

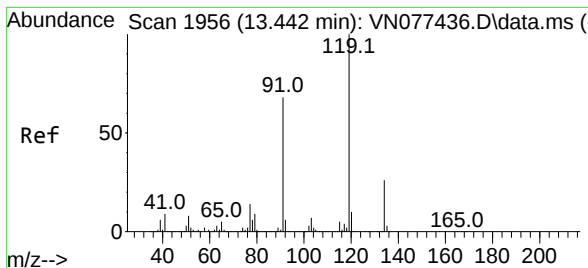


#82
4-Chlorotoluene
Concen: 19.638 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



Tgt Ion: 91 Resp: 556731
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





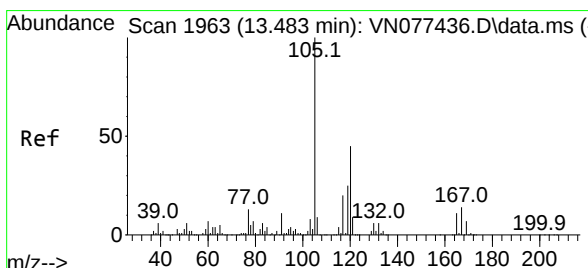
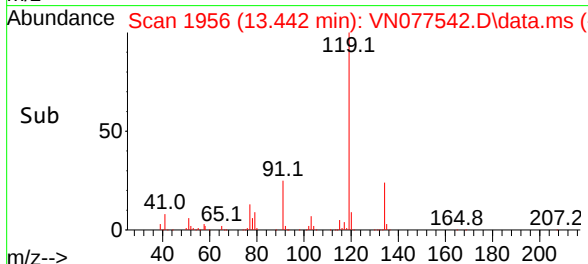
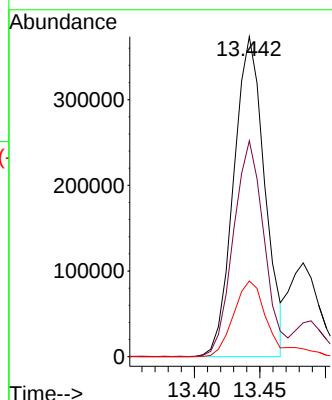
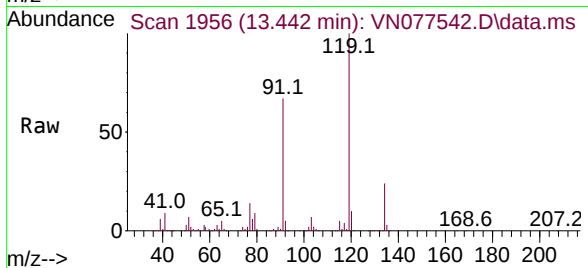
#83
tert-Butylbenzene
Concen: 19.218 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

Tgt Ion:119 Resp: 61681
Ion Ratio Lower Upper
119 100
91 67.3 33.9 101.7
134 26.4 13.2 39.6

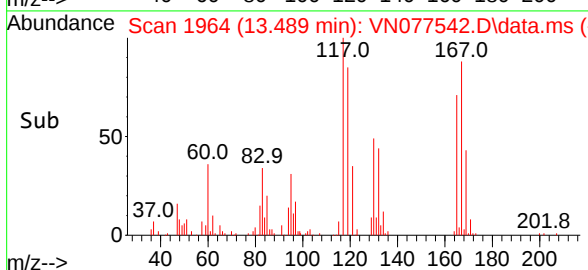
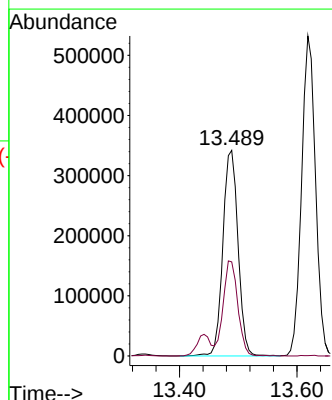
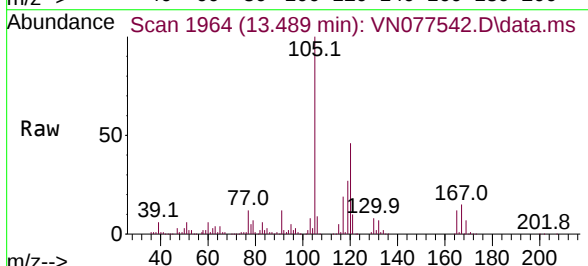
Manual Integrations
APPROVED

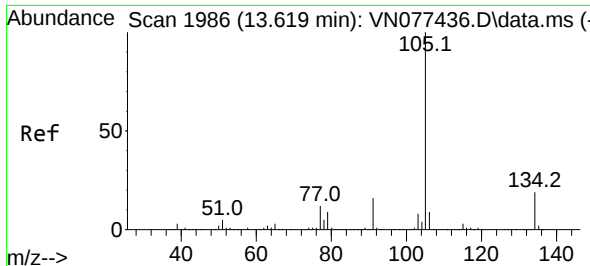
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.852 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

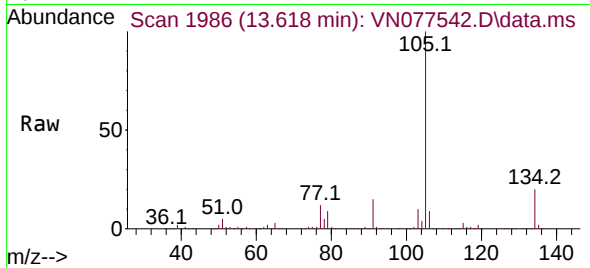
Tgt Ion:105 Resp: 612761
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.891 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077542.D
 Acq: 01 May 2023 14:51

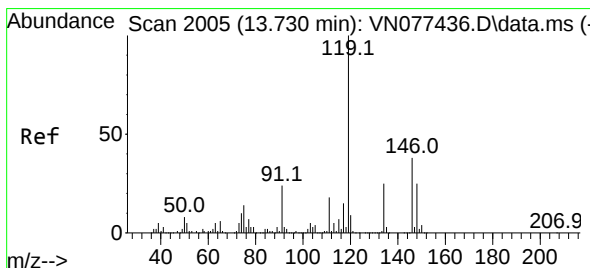
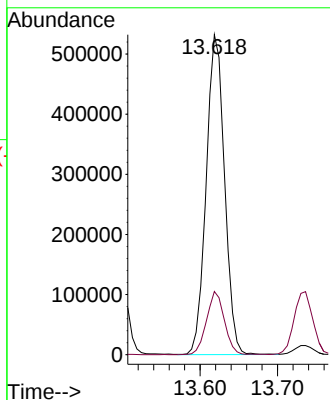
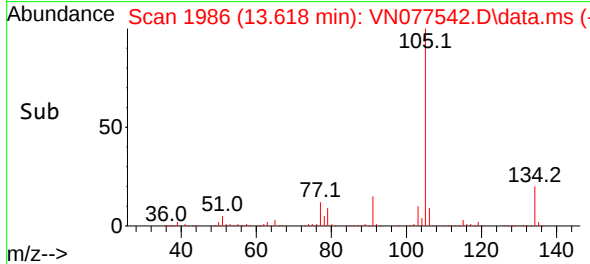
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS02



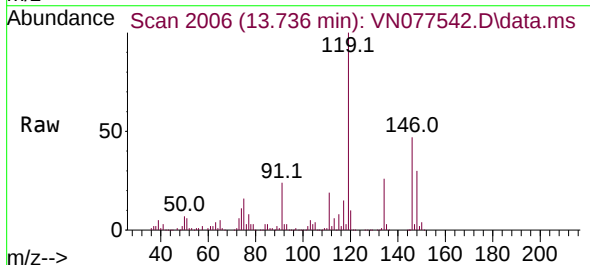
Tgt Ion:105 Resp: 876299
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

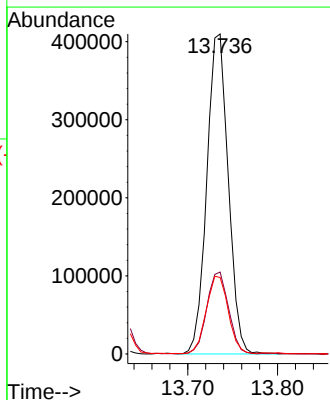
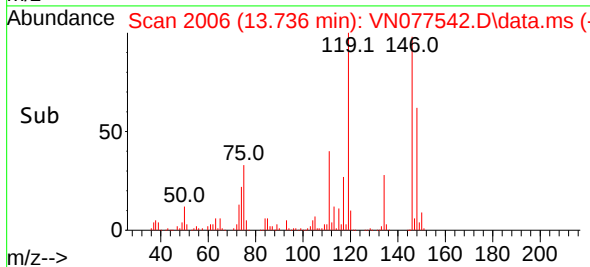
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023

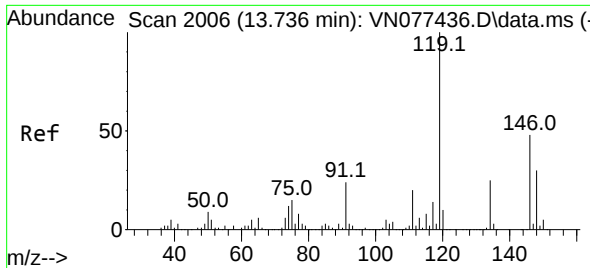


#86
 p-Isopropyltoluene
 Concen: 20.072 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077542.D
 Acq: 01 May 2023 14:51



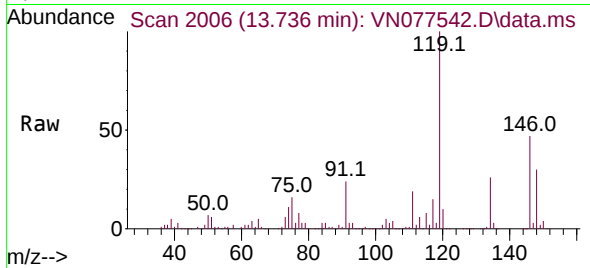
Tgt Ion:119 Resp: 680370
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.345 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

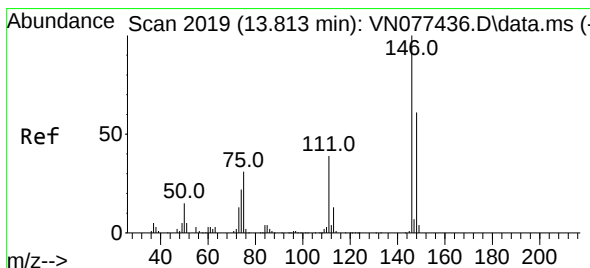
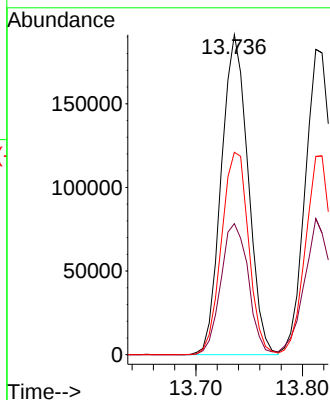
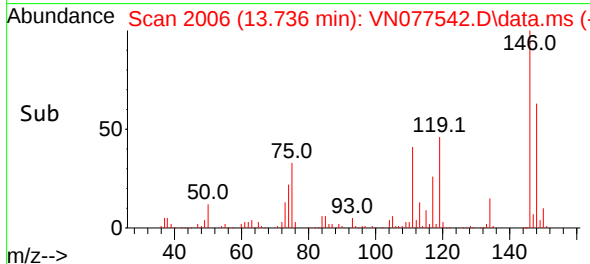
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



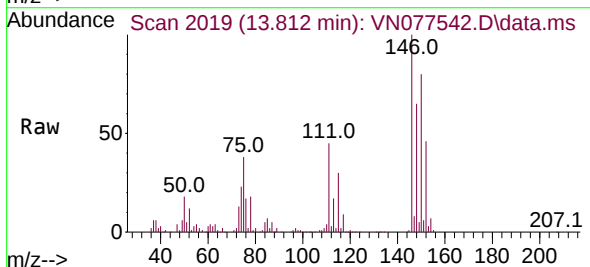
Tgt Ion:146 Resp: 33369
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 64.2 32.0 96.0

Manual Integrations
APPROVED

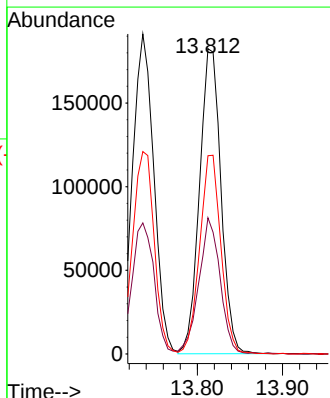
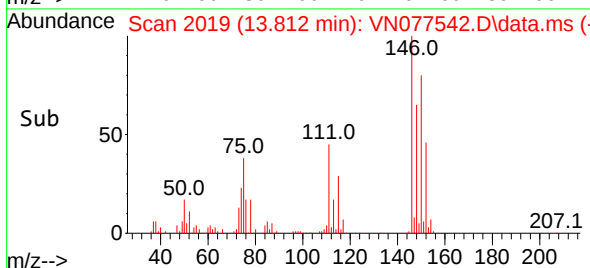
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

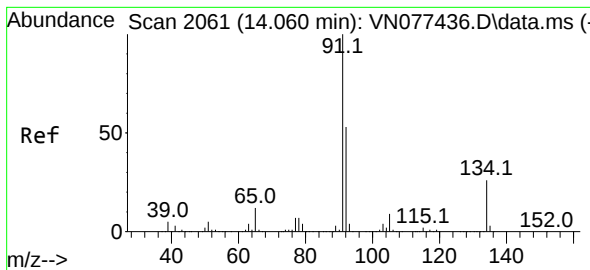


#88
1,4-Dichlorobenzene
Concen: 18.775 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



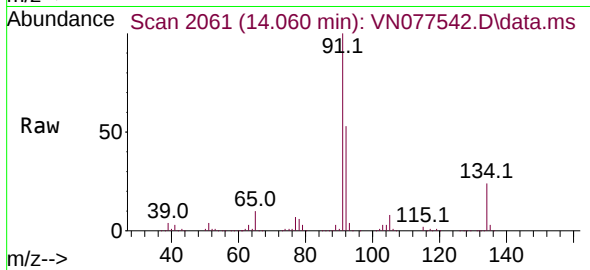
Tgt Ion:146 Resp: 319767
Ion Ratio Lower Upper
146 100
111 44.0 20.6 61.8
148 64.4 31.6 94.8





#89
n-Butylbenzene
Concen: 19.759 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

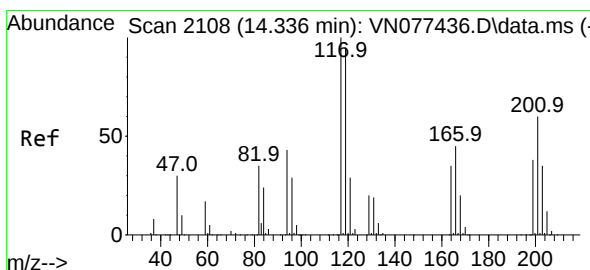
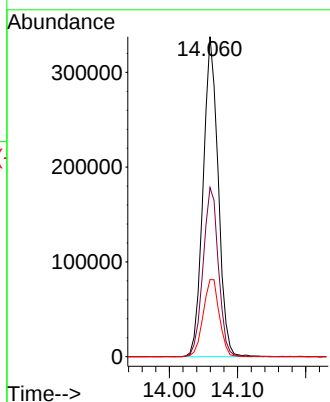
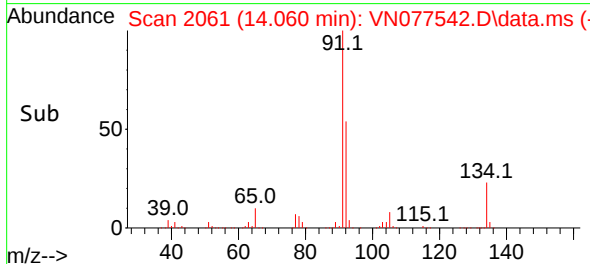
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



Tgt Ion: 91 Resp: 51831
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.0
134 25.9 12.6 37.6

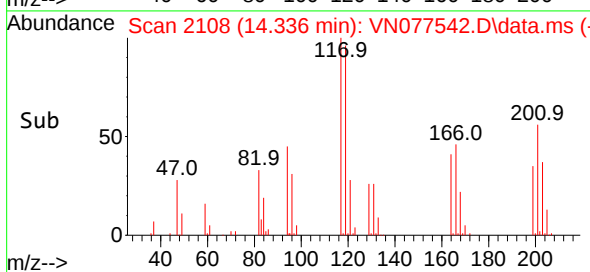
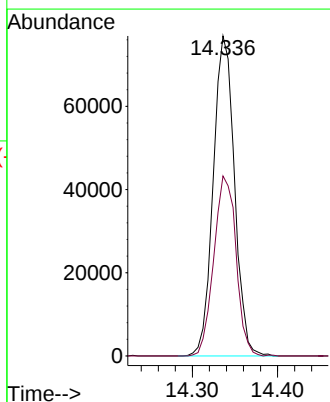
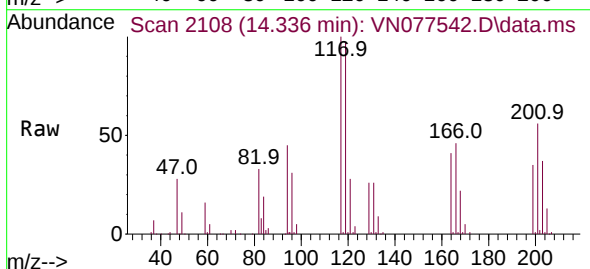
Manual Integrations
APPROVED

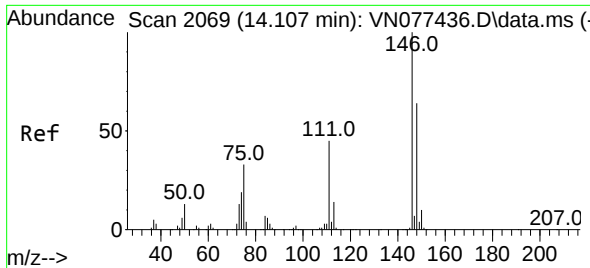
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#90
Hexachloroethane
Concen: 17.807 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Tgt Ion:117 Resp: 133346
Ion Ratio Lower Upper
117 100
201 58.8 29.3 88.0





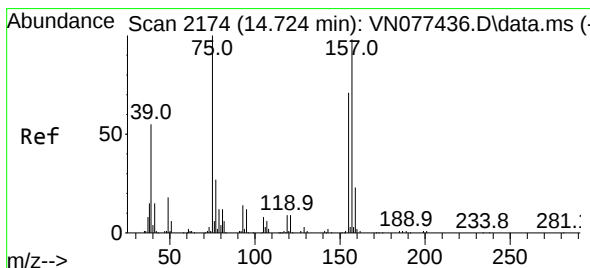
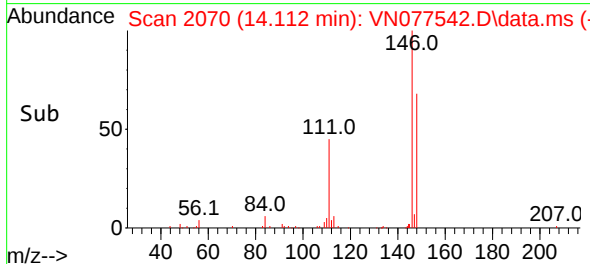
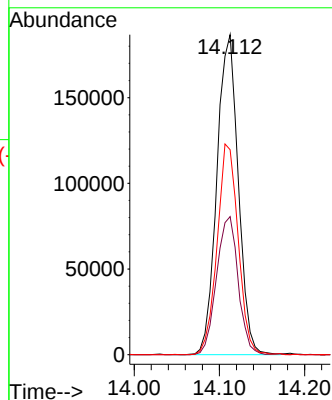
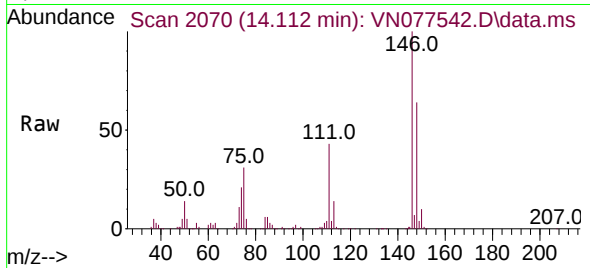
#91
1,2-Dichlorobenzene
Concen: 19.012 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02

Tgt Ion:146 Resp: 32527
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 64.8 31.8 95.3

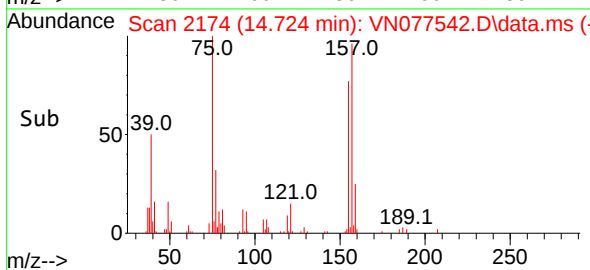
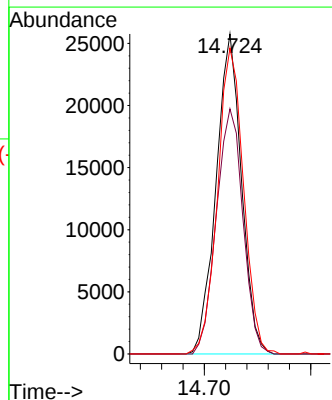
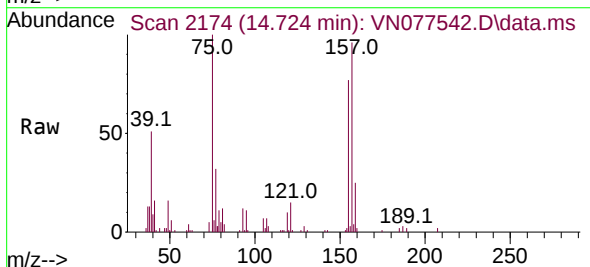
Manual Integrations
APPROVED

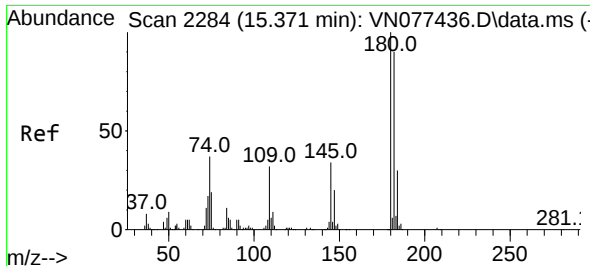
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.473 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

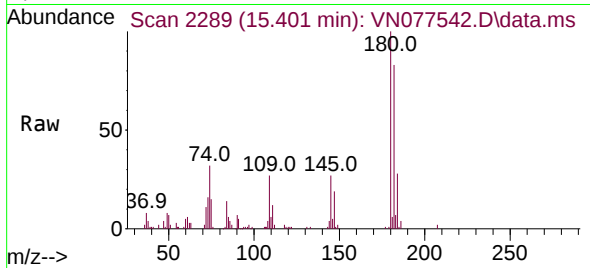
Tgt Ion: 75 Resp: 42596
Ion Ratio Lower Upper
75 100
155 80.1 39.1 117.2
157 97.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 18.182 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.030 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51

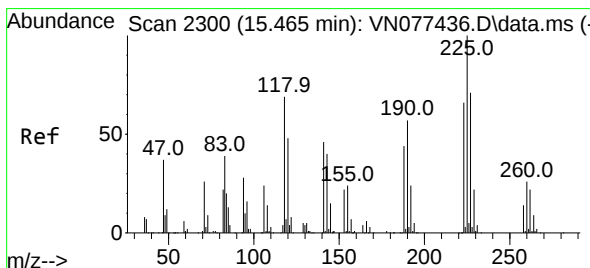
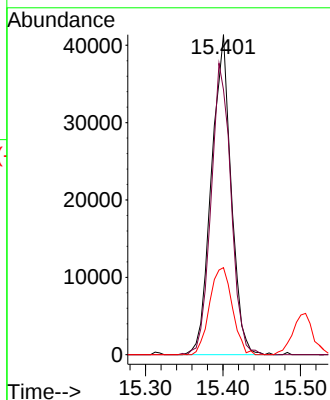
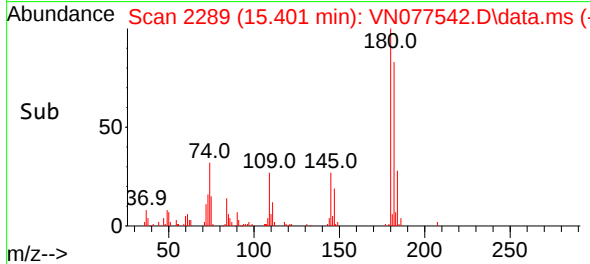
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS02



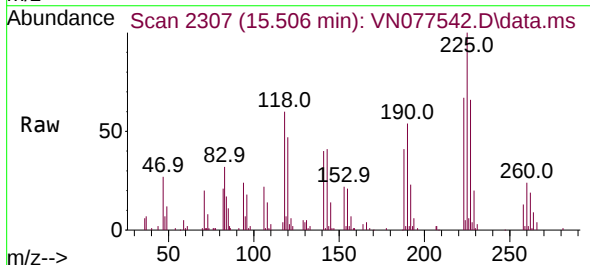
Tgt Ion:180 Resp: 7329
Ion Ratio Lower Upper
180 100
182 91.6 46.1 138.2
145 31.3 16.6 49.8

Manual Integrations
APPROVED

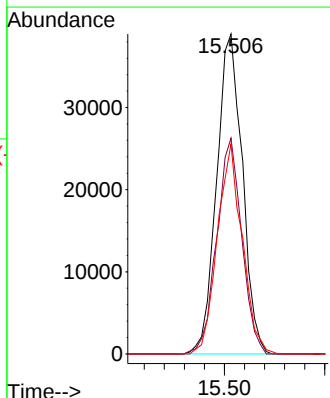
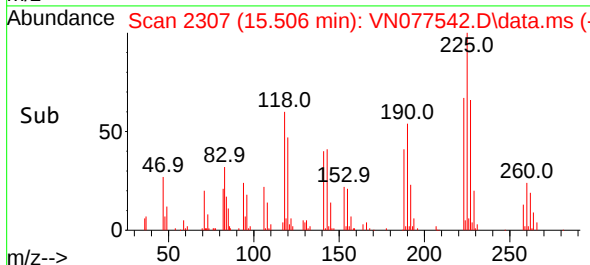
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

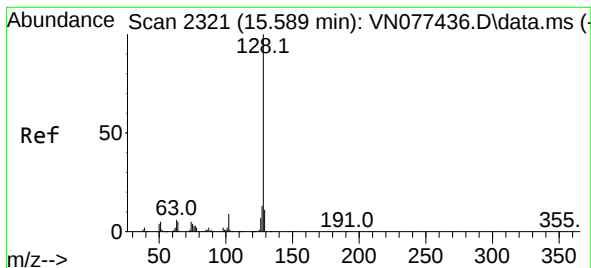


#94
Hexachlorobutadiene
Concen: 20.042 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. 0.041 min
Lab File: VN077542.D
Acq: 01 May 2023 14:51



Tgt Ion:225 Resp: 69288
Ion Ratio Lower Upper
225 100
223 65.5 31.3 93.8
227 63.6 31.9 95.9





#95

Naphthalene

Concen: 17.666 ug/l

RT: 15.642 min Scan# 21

Delta R.T. 0.053 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS02

Tgt Ion:128 Resp: 25963

Ion Ratio Lower Upper

128 100

127 12.3 10.0 15.0

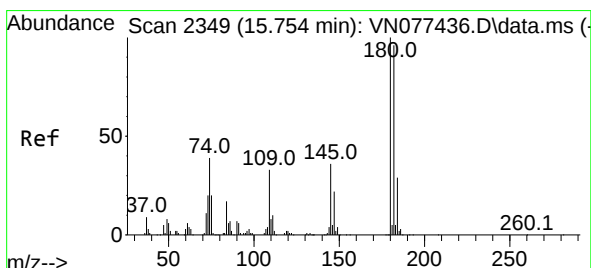
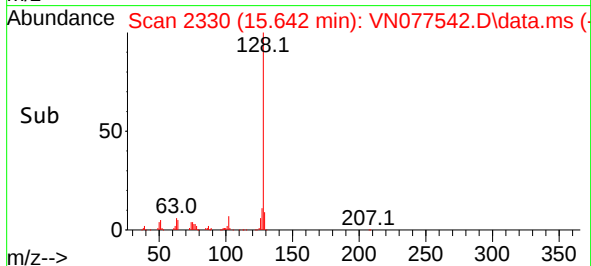
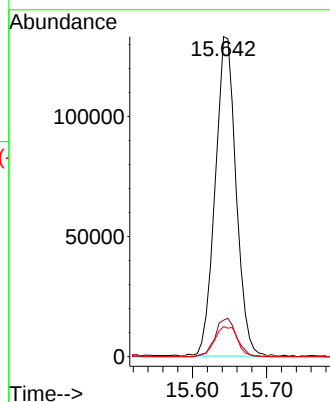
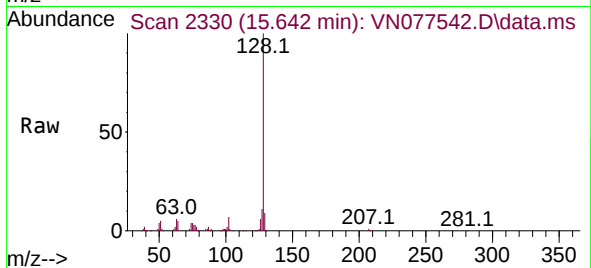
129 10.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.068 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.094 min

Lab File: VN077542.D

Acq: 01 May 2023 14:51

Tgt Ion:180 Resp: 68312

Ion Ratio Lower Upper

180 100

182 92.8 46.2 138.6

145 35.9 17.5 52.6

