

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077466.D
 Acq On : 25 Apr 2023 12:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 14:08:07 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	623229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1187117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1069270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	456563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	447939	55.081	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	8.172	113	380511	53.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.660%			
50) Toluene-d8	10.566	98	1484684	54.293	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.580%			
62) 4-Bromofluorobenzene	12.848	95	510284	57.035	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	342809	43.132	ug/l	98
3) Chloromethane	2.372	50	263655	42.203	ug/l	99
4) Vinyl Chloride	2.525	62	380647	45.739	ug/l	99
5) Bromomethane	2.949	94	311012	43.142	ug/l	97
6) Chloroethane	3.125	64	280828	44.416	ug/l	99
7) Trichlorofluoromethane	3.501	101	546761	44.699	ug/l	99
8) Diethyl Ether	3.972	74	201489	45.330	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	303411	42.651	ug/l	100
10) Methyl Iodide	4.601	142	409017	46.800	ug/l	98
11) Tert butyl alcohol	5.531	59	290438	222.466	ug/l	98
12) 1,1-Dichloroethene	4.354	96	297336	42.751	ug/l	98
13) Acrolein	4.190	56	267892	206.271	ug/l	99
14) Allyl chloride	5.037	41	340695	44.060	ug/l	99
15) Acrylonitrile	5.725	53	701096	236.722	ug/l	99
16) Acetone	4.437	43	529061	204.488	ug/l	99
17) Carbon Disulfide	4.725	76	744052	42.101	ug/l	100
18) Methyl Acetate	5.031	43	458153	45.856	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	1065962	46.086	ug/l	99
20) Methylene Chloride	5.290	84	349083	42.545	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	343232	45.638	ug/l	98
22) Diisopropyl ether	6.684	45	810038	45.644	ug/l	98
23) Vinyl Acetate	6.613	43	2541966	229.354	ug/l	100
24) 1,1-Dichloroethane	6.578	63	566212	45.073	ug/l	100
25) 2-Butanone	7.489	43	828455	225.762	ug/l	100
26) 2,2-Dichloropropane	7.495	77	377447	30.987	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	400253	44.937	ug/l	95
28) Bromochloromethane	7.819	49	218182	45.481	ug/l	98
29) Tetrahydrofuran	7.842	42	540547	235.103	ug/l	99
30) Chloroform	7.972	83	658819	46.536	ug/l	95
31) Cyclohexane	8.260	56	469726	40.774	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	615783	47.311	ug/l	100
36) 1,1-Dichloropropene	8.378	75	465021	45.112	ug/l	99
37) Ethyl Acetate	7.566	43	353877	45.178	ug/l	98
38) Carbon Tetrachloride	8.366	117	523334	46.014	ug/l	97
39) Methylcyclohexane	9.607	83	583785	42.985	ug/l	98
40) Benzene	8.613	78	1430258	45.546	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	179897	44.096	ug/l	94
42) 1,2-Dichloroethane	8.678	62	480976	44.594	ug/l	99
43) Isopropyl Acetate	8.695	43	619975	45.751	ug/l	99
44) Trichloroethene	9.354	130	367906	45.758	ug/l	98
45) 1,2-Dichloropropane	9.625	63	330643	44.949	ug/l	98
46) Dibromomethane	9.713	93	269293	45.117	ug/l	98
47) Bromodichloromethane	9.889	83	531280	46.017	ug/l	100
48) Methyl methacrylate	9.683	41	276082	44.758	ug/l	99
49) 1,4-Dioxane	9.695	88	143049	924.551	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1848363	232.547	ug/l	99
52) Toluene	10.636	92	967449	47.027	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	521920	44.644	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	560042	44.010	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	378772	45.787	ug/l	98
56) Ethyl methacrylate	10.877	69	546655	47.159	ug/l	99
57) 1,3-Dichloropropane	11.166	76	616652	46.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	973873	248.391	ug/l	98
59) 2-Hexanone	11.201	43	1346014	232.973	ug/l	100
60) Dibromochloromethane	11.360	129	402319	46.860	ug/l	99
61) 1,2-Dibromoethane	11.472	107	394902	46.758	ug/l	97
64) Tetrachloroethene	11.107	164	295070	46.099	ug/l	97
65) Chlorobenzene	11.895	112	1008322	44.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	373555	45.377	ug/l	98
67) Ethyl Benzene	11.966	91	1830259	45.950	ug/l	99
68) m/p-Xylenes	12.071	106	1432161	92.513	ug/l	100
69) o-Xylene	12.401	106	716501	47.055	ug/l	99
70) Styrene	12.413	104	1154242	48.471	ug/l	99
71) Bromoform	12.583	173	264139	49.044	ug/l #	99
73) Isopropylbenzene	12.695	105	1855532	43.797	ug/l	99
74) N-amyl acetate	12.495	43	530182	42.269	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	548585	41.210	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	470212m	44.289	ug/l	
77) Bromobenzene	12.983	156	392876	42.549	ug/l	99
78) n-propylbenzene	13.036	91	2104203	44.918	ug/l	99
79) 2-Chlorotoluene	13.124	91	1261158	43.665	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1551159	49.301	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	152348	40.540	ug/l	96
82) 4-Chlorotoluene	13.224	91	1196968	44.350	ug/l	99
83) tert-Butylbenzene	13.442	119	1333156	43.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1499370	51.027	ug/l	100
85) sec-Butylbenzene	13.618	105	1897059	45.234	ug/l	100
86) p-Isopropyltoluene	13.730	119	1499824	46.480	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	722800	44.016	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	713814	44.025	ug/l	99
89) n-Butylbenzene	14.060	91	1201019	48.094	ug/l	99
90) Hexachloroethane	14.336	117	306136	42.943	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	708665	43.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	105566	42.884	ug/l	98
93) 1,2,4-Trichlorobenzene	15.365	180	230456	45.636	ug/l	98
94) Hexachlorobutadiene	15.465	225	133592	40.591	ug/l	96
95) Naphthalene	15.589	128	925364	47.527	ug/l	100
96) 1,2,3-Trichlorobenzene	15.759	180	211838	45.055	ug/l	98

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ClientSampleId :
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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

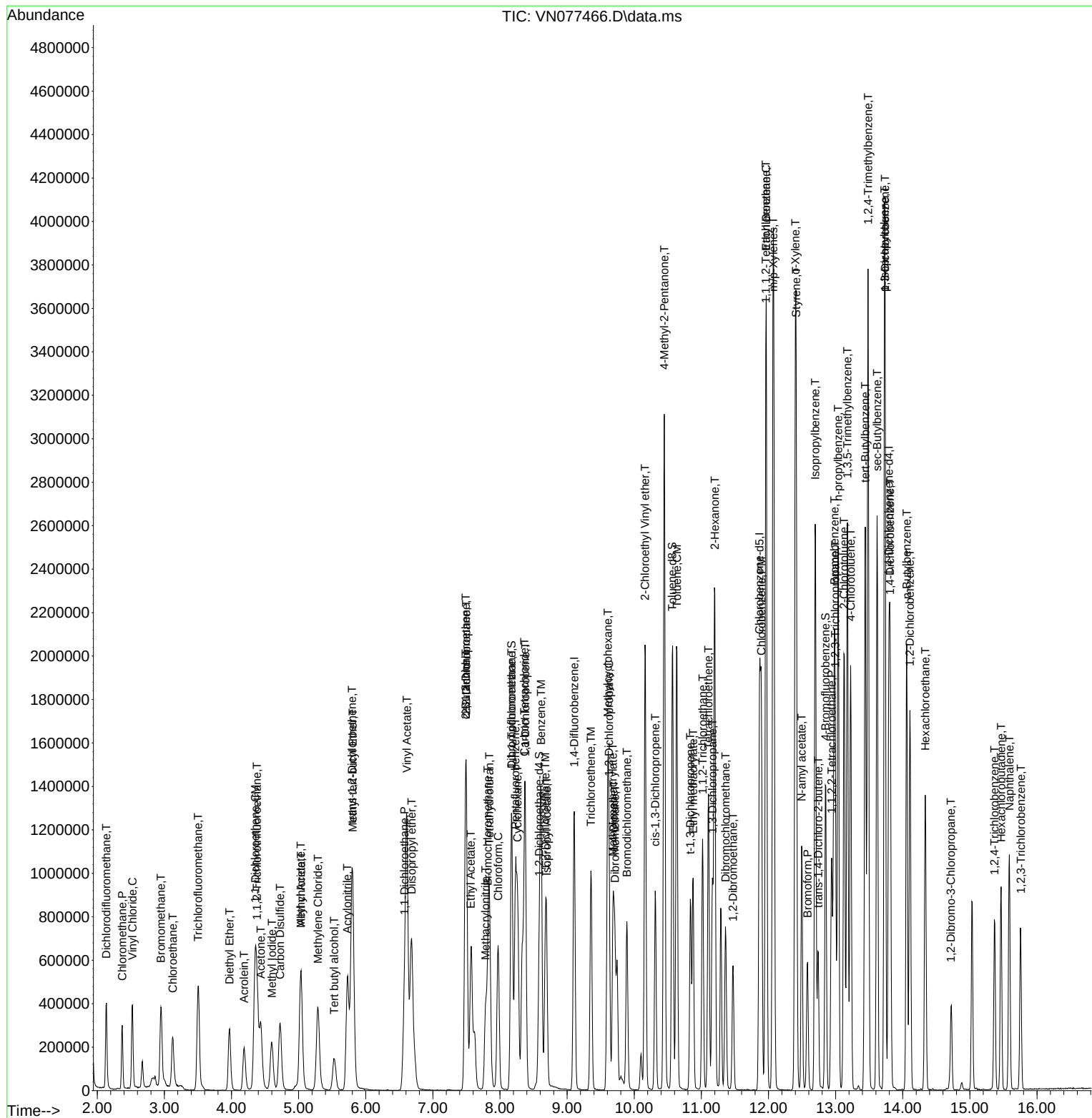
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
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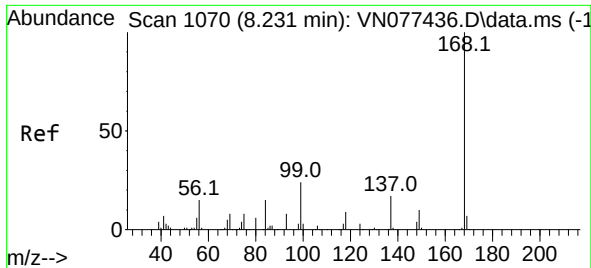
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077466.D
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Instrument :

MSVOA_N

ClientSampleId :

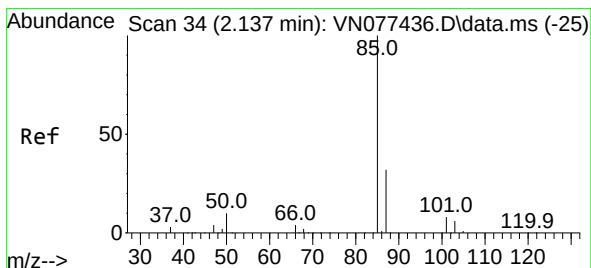
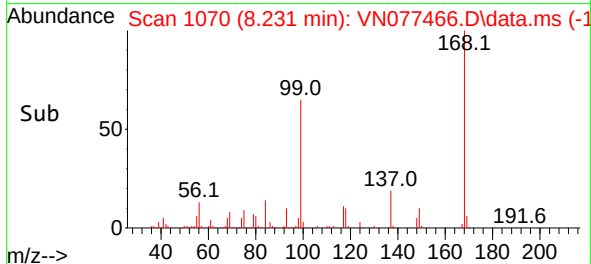
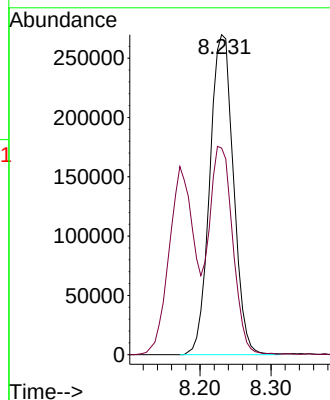
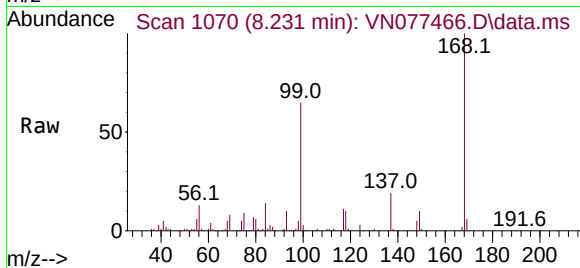
VSTDCCC050EC

Tgt Ion:168 Resp: 623229
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6

Manual Integrations

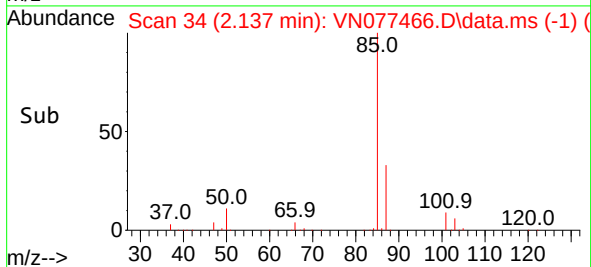
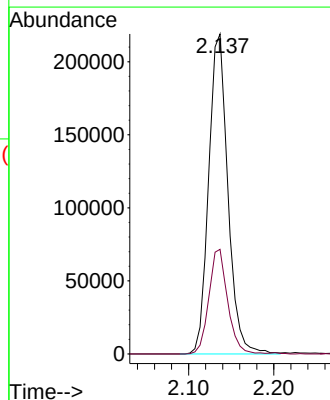
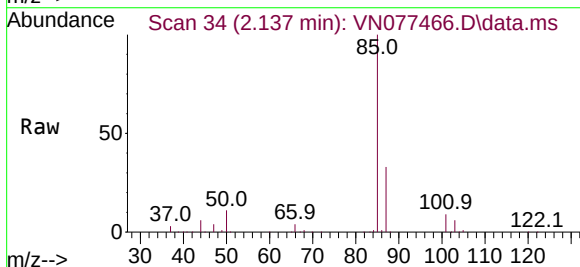
APPROVED

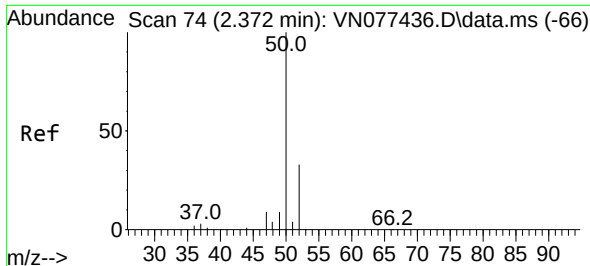
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#2
Dichlorodifluoromethane
Concen: 43.132 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

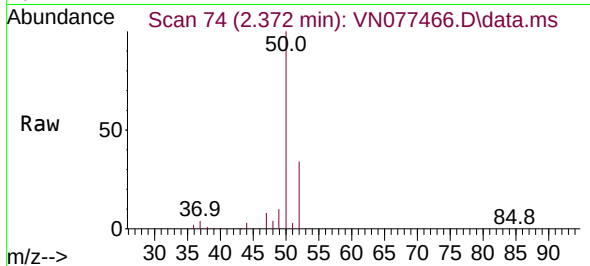
Tgt Ion: 85 Resp: 342809
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





#3
Chloromethane
Concen: 42.203 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077466.D
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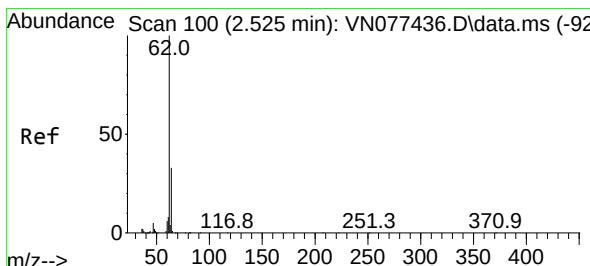
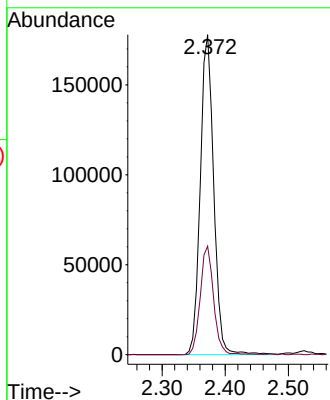
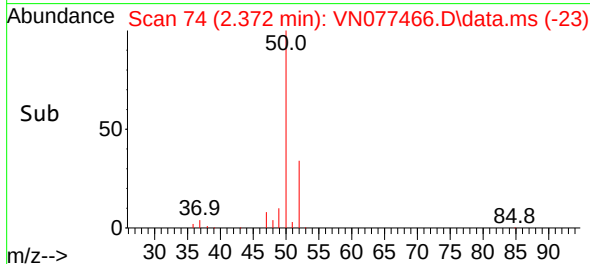
Instrument :
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Tgt Ion: 50 Resp: 26365
Ion Ratio Lower Upper
50 100
52 33.9 26.5 39.7

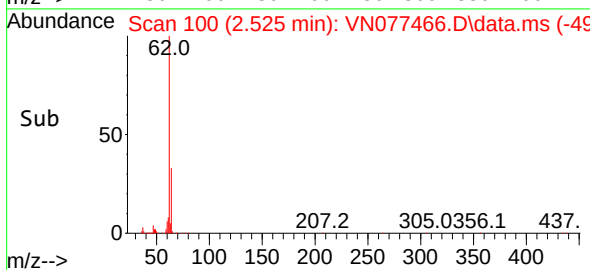
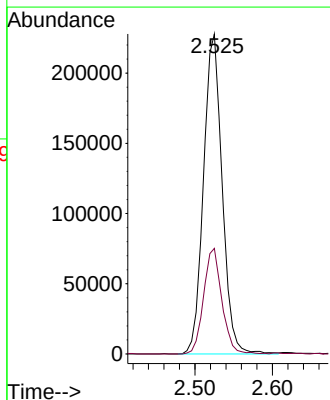
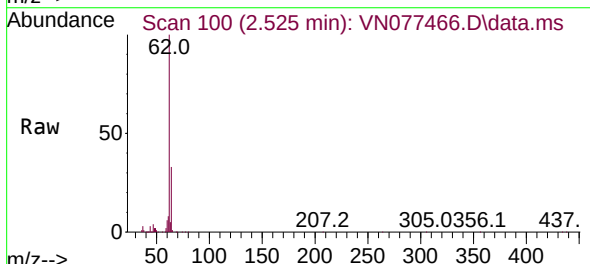
Manual Integrations
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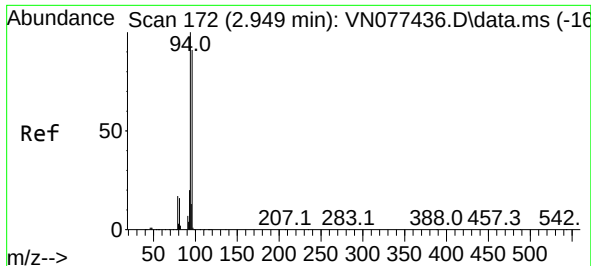
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#4
Vinyl Chloride
Concen: 45.739 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

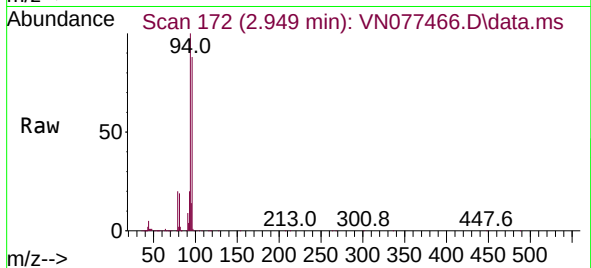
Tgt Ion: 62 Resp: 380647
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.2





#5
Bromomethane
Concen: 43.142 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077466.D
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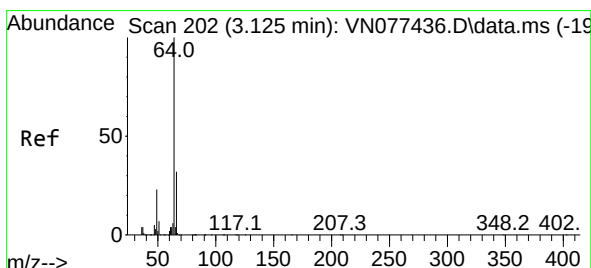
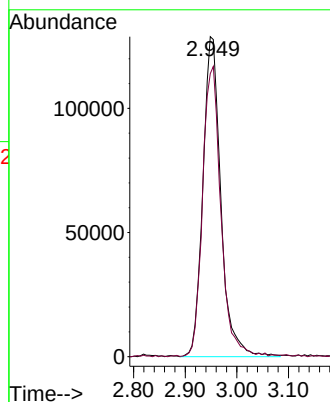
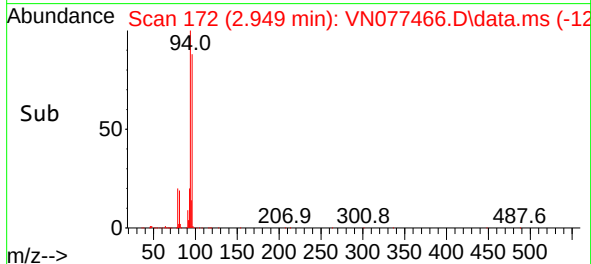
Instrument :
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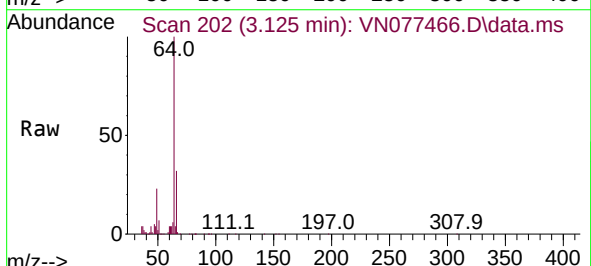
Tgt Ion: 94 Resp: 31101
Ion Ratio Lower Upper
94 100
96 88.3 73.1 109.7

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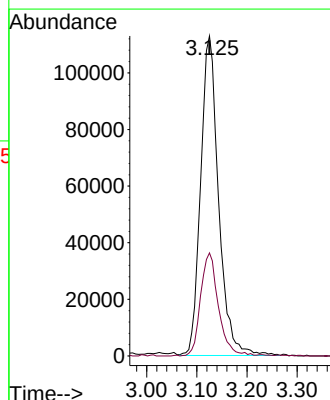
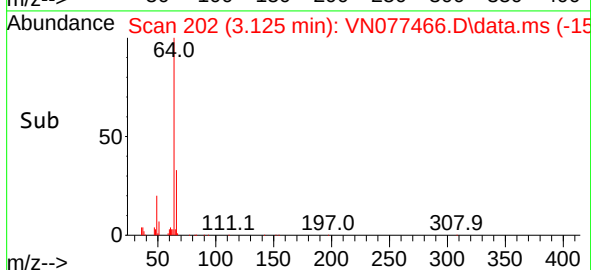
Reviewed By :John Carlone 04/25/2023
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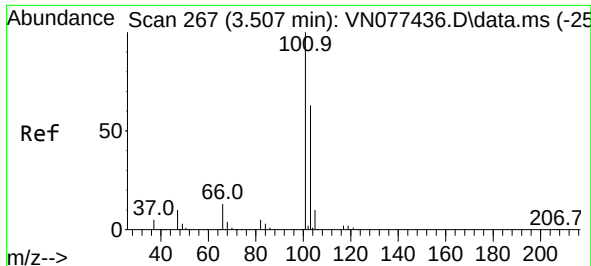


#6
Chloroethane
Concen: 44.416 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



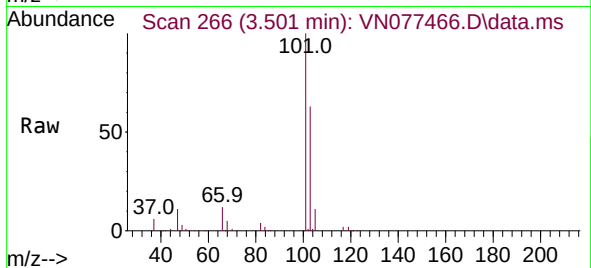
Tgt Ion: 64 Resp: 280828
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 44.699 ug/l
RT: 3.501 min Scan# 266
Delta R.T. -0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

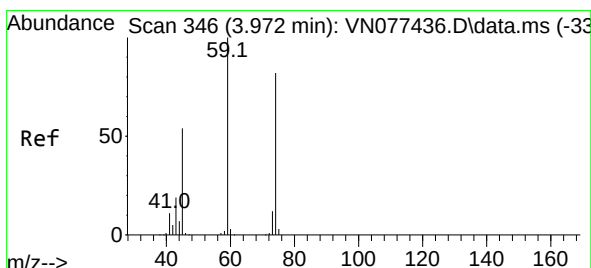
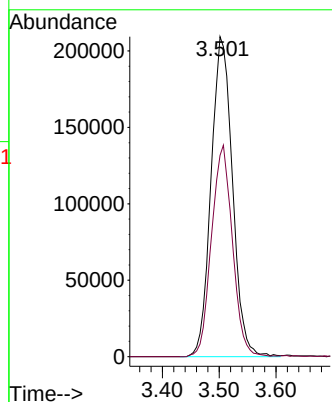
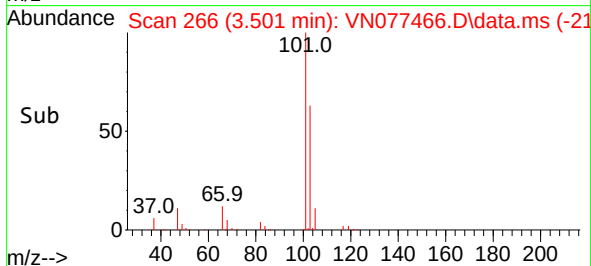
Instrument :
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Tgt Ion:101 Resp: 54676
Ion Ratio Lower Upper
101 100
103 62.9 50.7 76.1

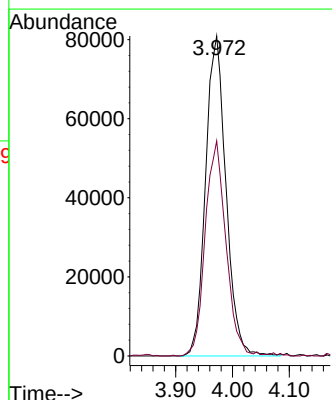
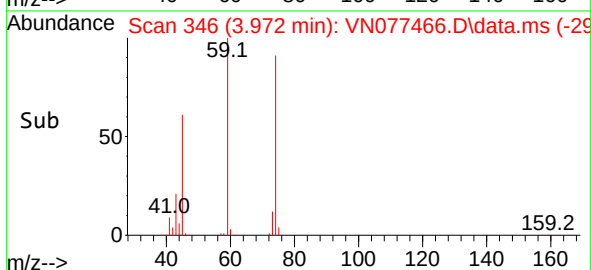
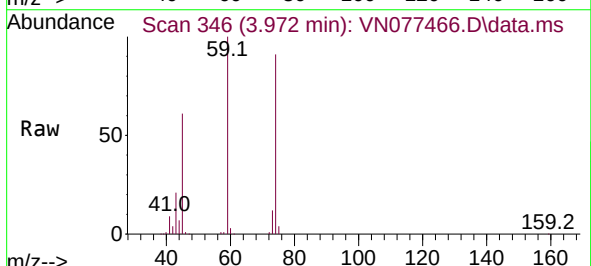
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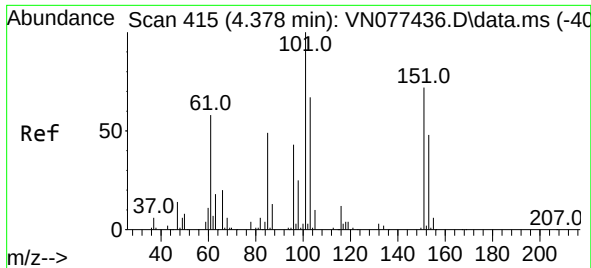
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#8
Diethyl Ether
Concen: 45.330 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 201489
Ion Ratio Lower Upper
74 100
45 68.1 34.4 103.3





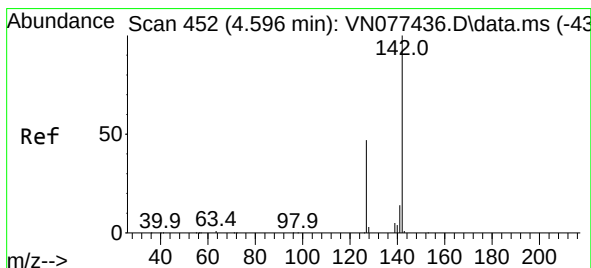
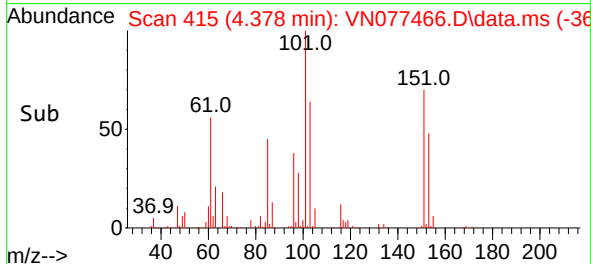
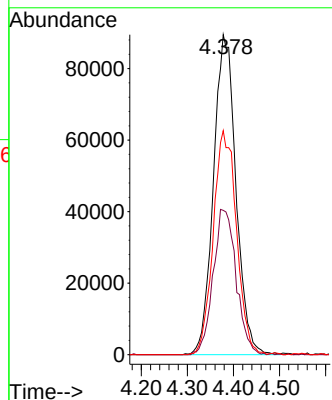
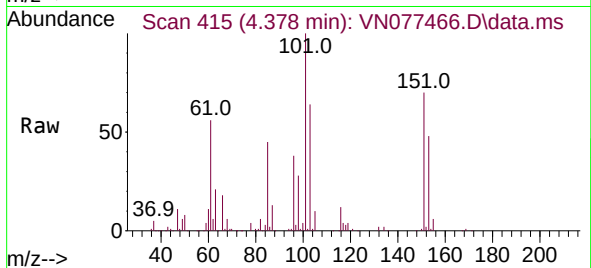
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.651 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 30341
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 72.1 57.6 86.4

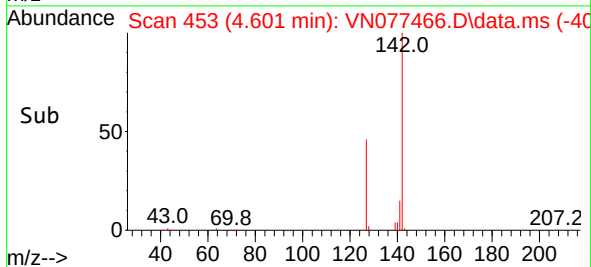
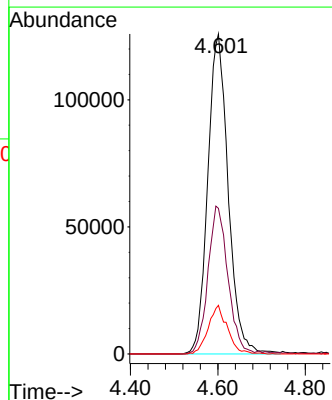
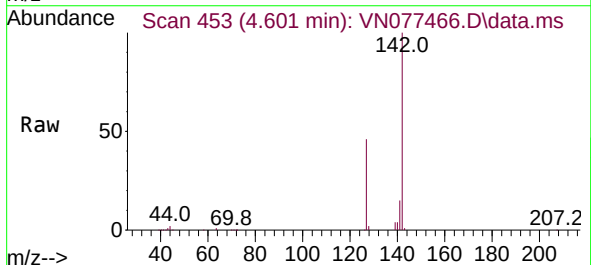
Manual Integrations
APPROVED

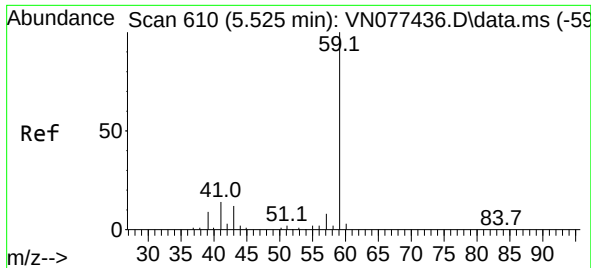
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#10
Methyl Iodide
Concen: 46.800 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Tgt Ion:142 Resp: 409017
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 15.2 11.4 17.0





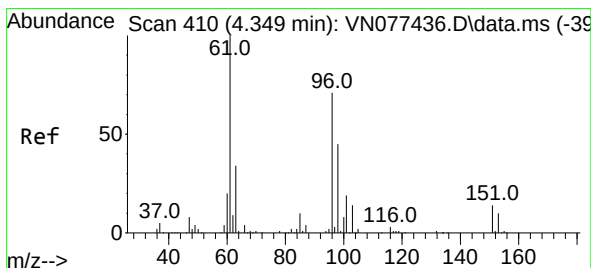
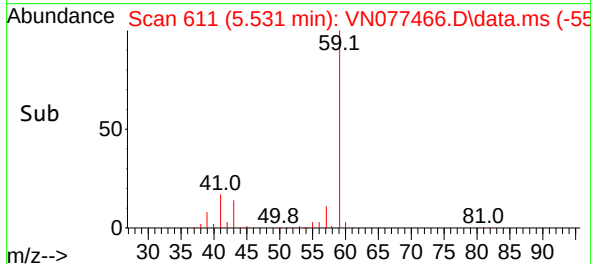
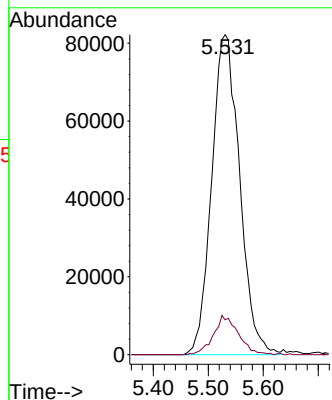
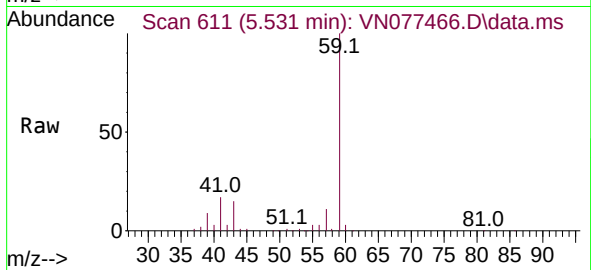
#11
Tert butyl alcohol
Concen: 222.466 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 290438
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

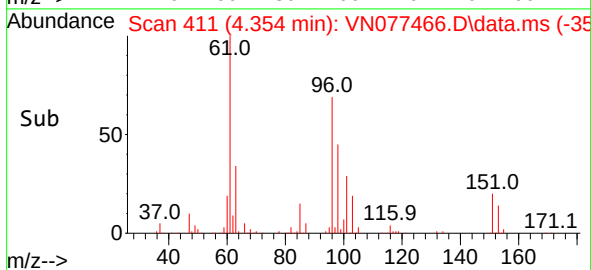
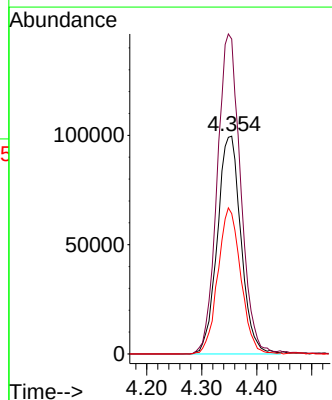
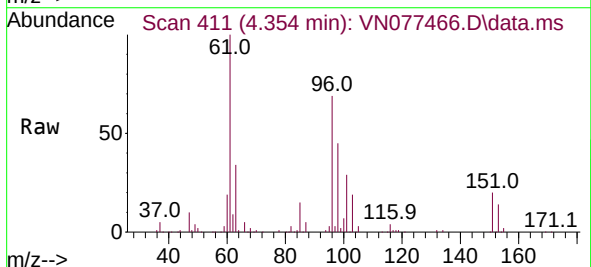
Manual Integrations
APPROVED

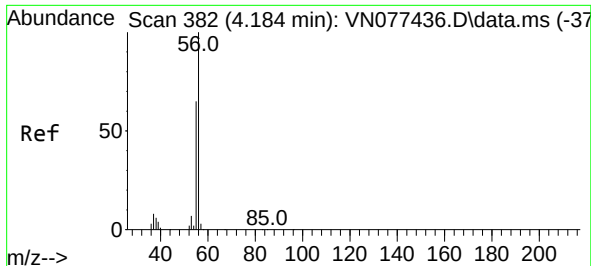
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#12
1,1-Dichloroethene
Concen: 42.751 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

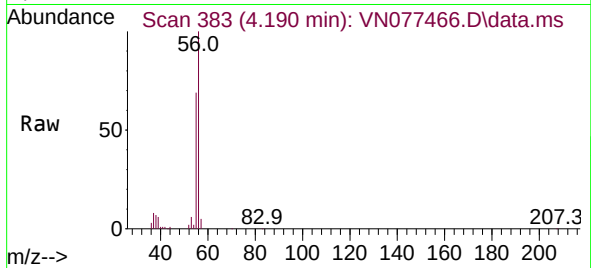
Tgt Ion: 96 Resp: 297336
Ion Ratio Lower Upper
96 100
61 144.7 112.7 169.1
98 64.5 51.2 76.8





#13
Acrolein
Concen: 206.271 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

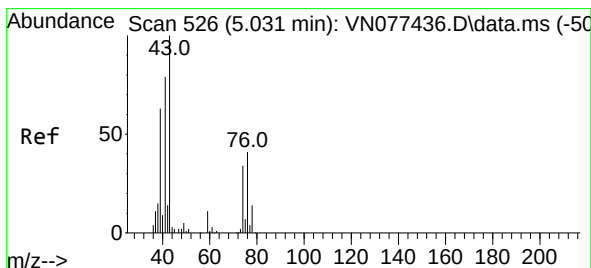
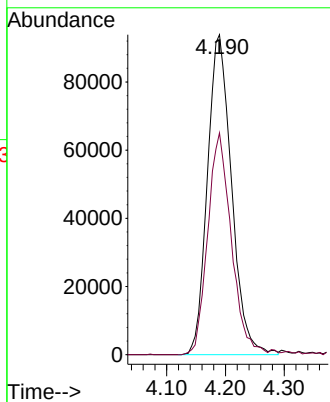
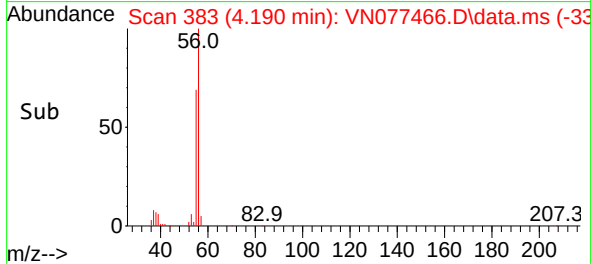
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 267892
Ion Ratio Lower Upper
56 100
55 67.6 54.5 81.7

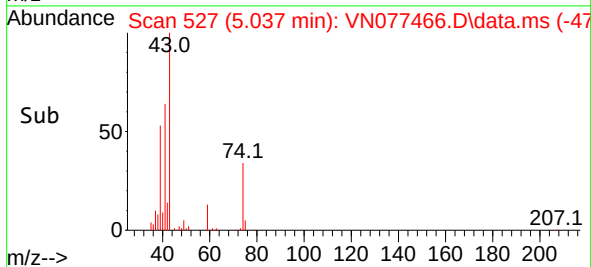
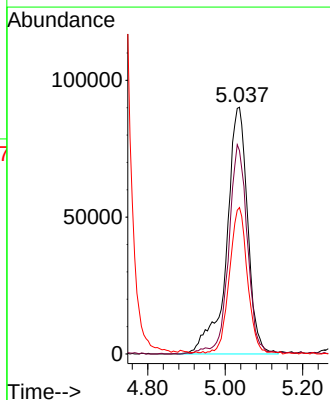
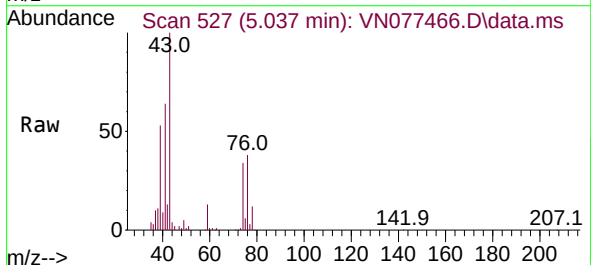
Manual Integrations
APPROVED

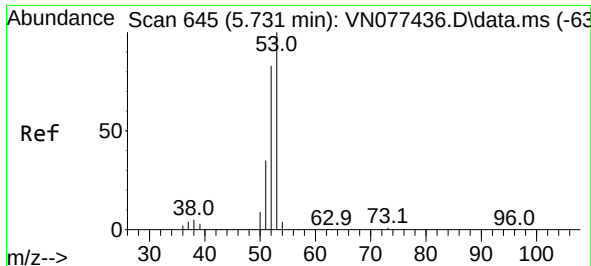
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#14
Allyl chloride
Concen: 44.060 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

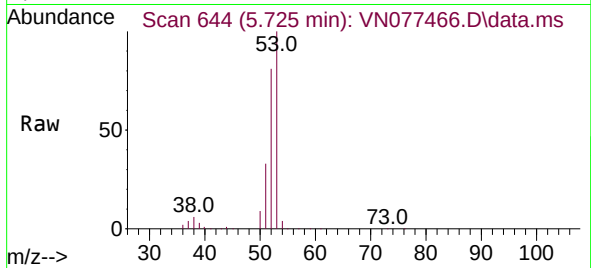
Tgt Ion: 41 Resp: 340695
Ion Ratio Lower Upper
41 100
39 74.6 58.8 88.2
76 49.8 39.1 58.7





#15
Acrylonitrile
Concen: 236.722 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

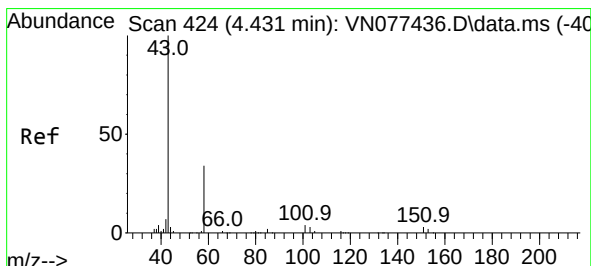
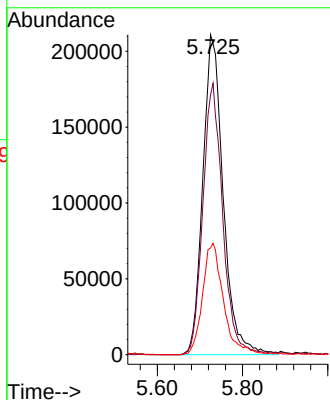
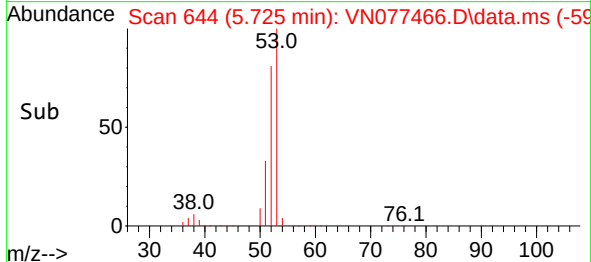
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 701090
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 35.6 28.9 43.3

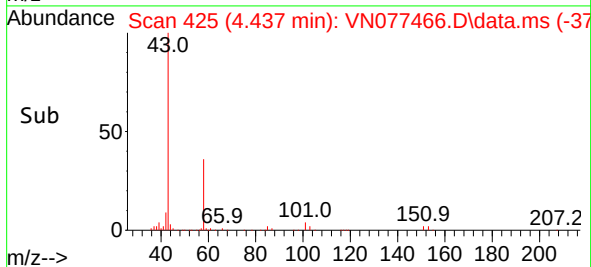
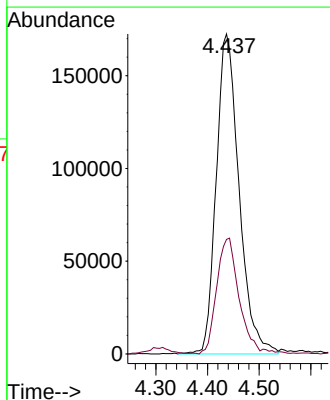
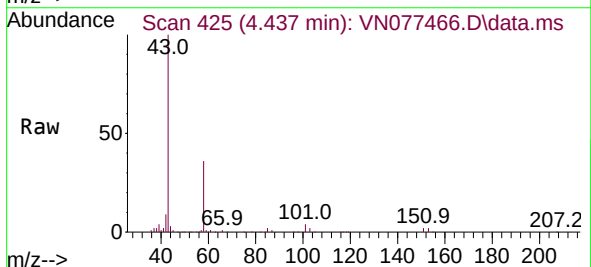
Manual Integrations
APPROVED

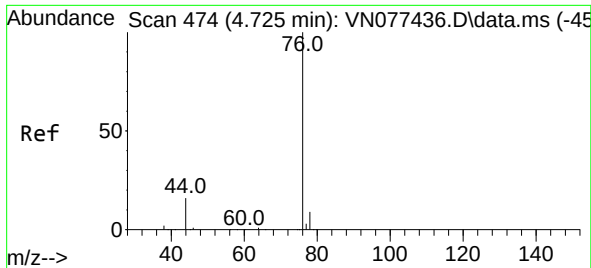
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#16
Acetone
Concen: 204.488 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

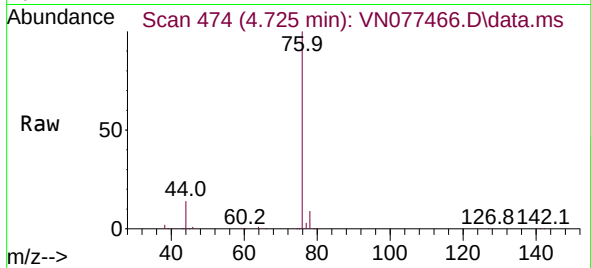
Tgt Ion: 43 Resp: 529061
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0





#17
Carbon Disulfide
Concen: 42.101 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

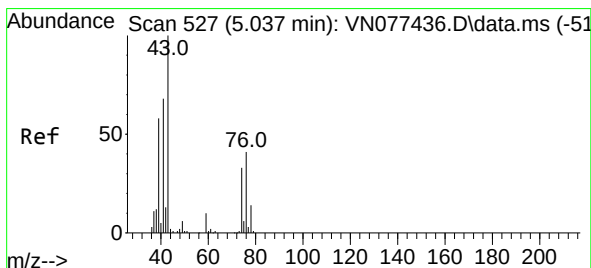
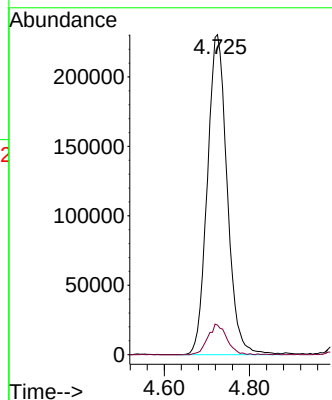
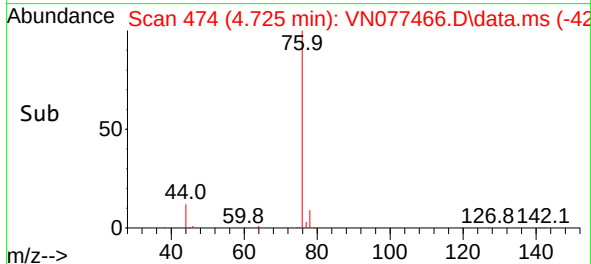
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 744052
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

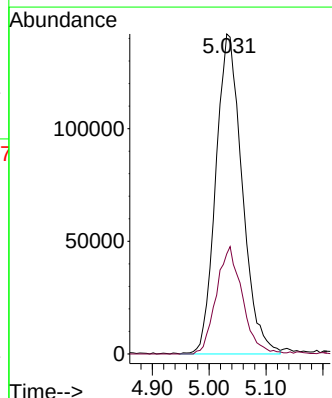
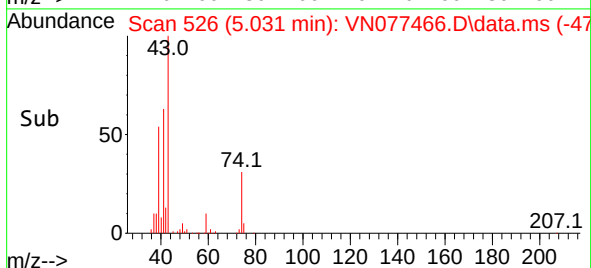
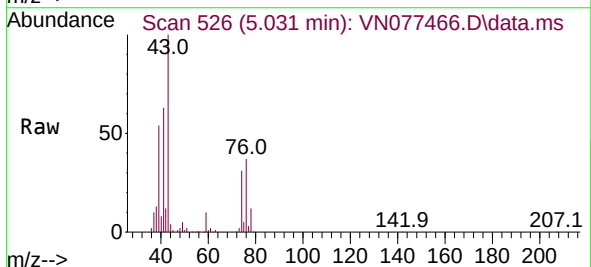
Manual Integrations
APPROVED

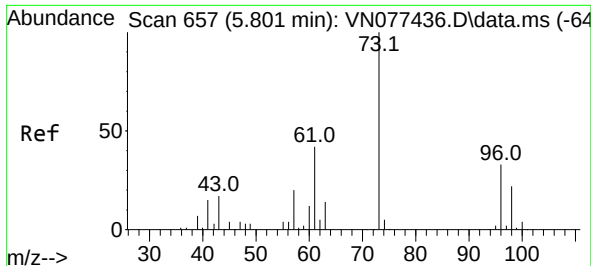
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#18
Methyl Acetate
Concen: 45.856 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Tgt Ion: 43 Resp: 458153
Ion Ratio Lower Upper
43 100
74 33.1 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 46.086 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 106596

Ion Ratio Lower Upper

73 100

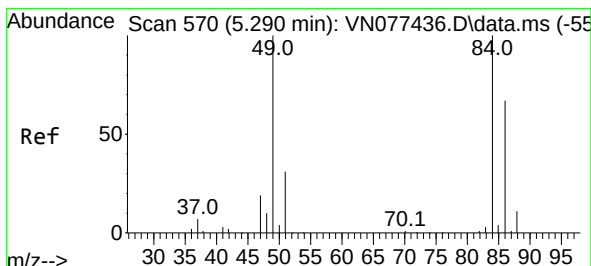
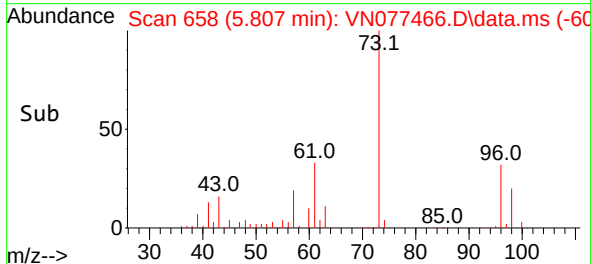
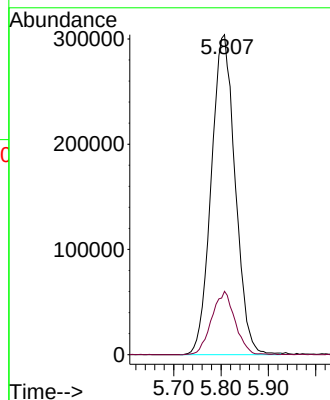
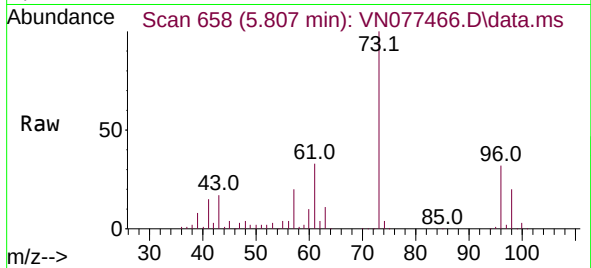
57 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#20

Methylene Chloride

Concen: 42.545 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Tgt Ion: 84 Resp: 349083

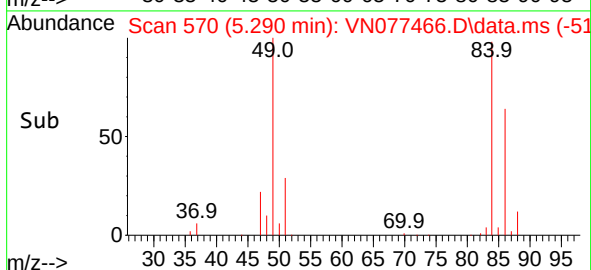
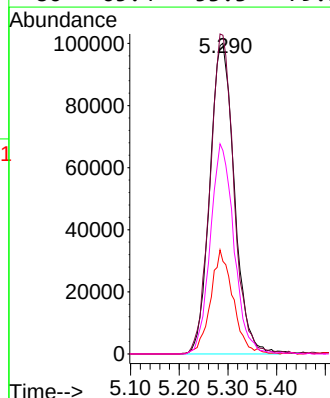
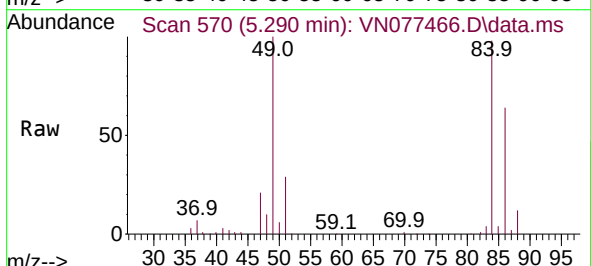
Ion Ratio Lower Upper

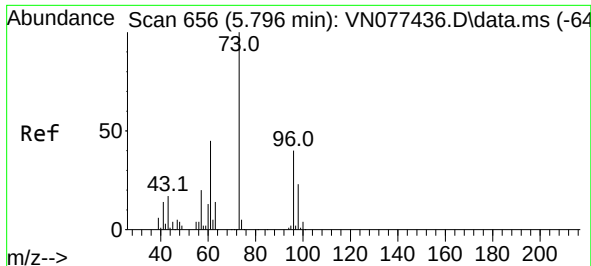
84 100

49 102.6 79.7 119.5

51 29.8 25.2 37.8

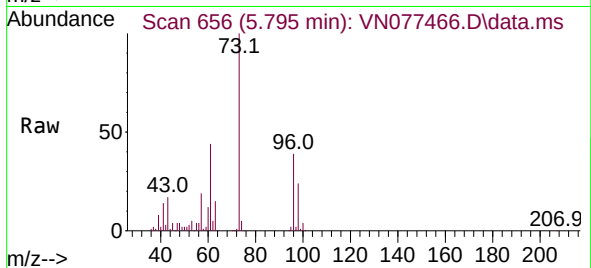
86 65.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.638 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

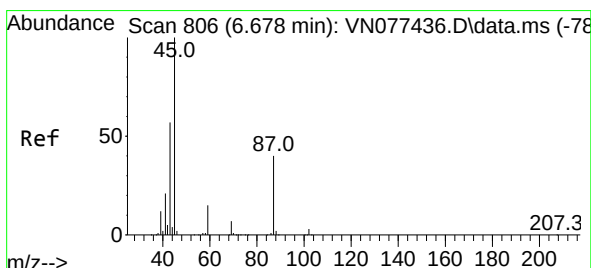
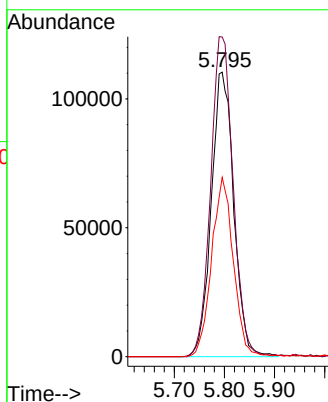
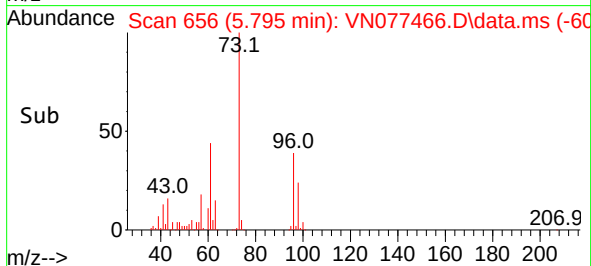
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



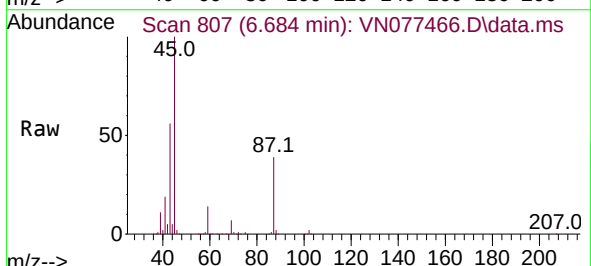
Tgt Ion: 96 Resp: 34323
Ion Ratio Lower Upper
96 100
61 112.4 90.1 135.1
98 63.0 46.4 69.6

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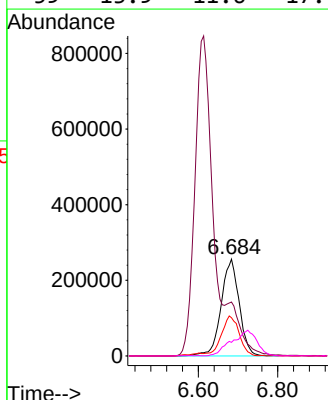
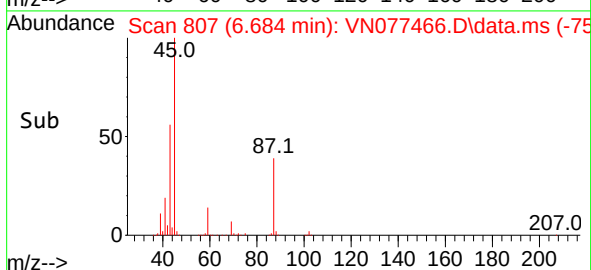
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

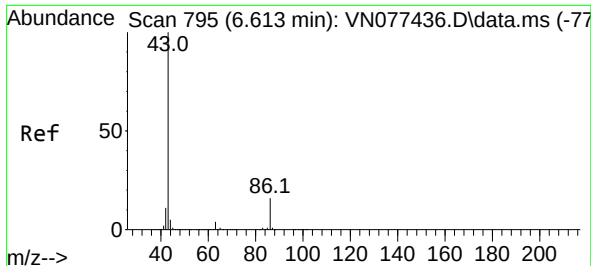


#22
Diisopropyl ether
Concen: 45.644 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



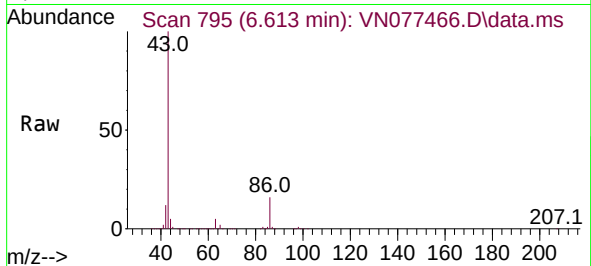
Tgt Ion: 45 Resp: 810038
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 39.3 31.8 47.8
59 13.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 229.354 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077466.D
 Acq: 25 Apr 2023 12:31

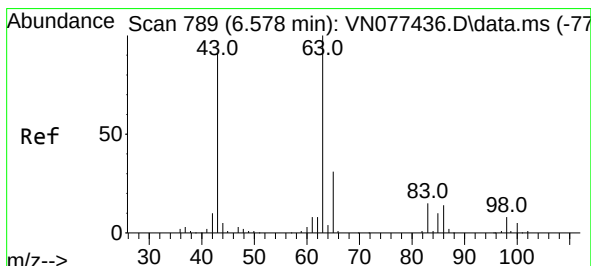
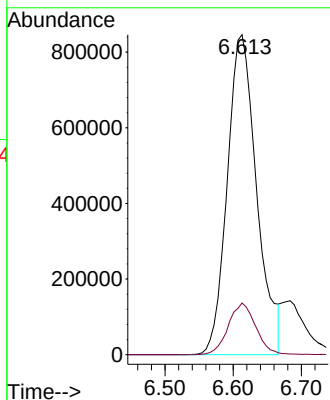
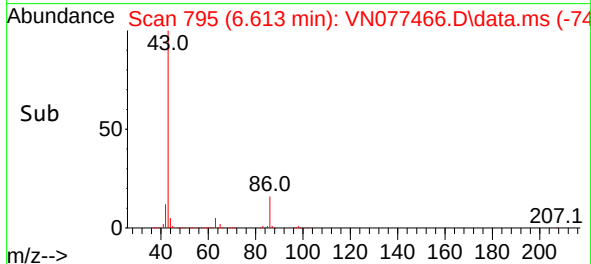
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



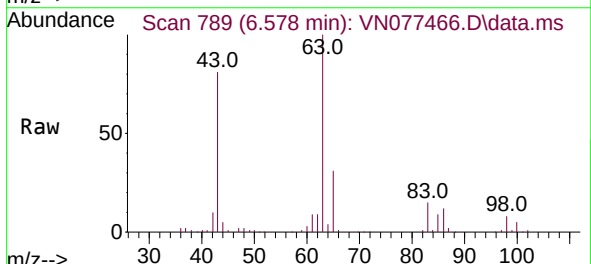
Tgt Ion: 43 Resp: 254196
 Ion Ratio Lower Upper
 43 100
 86 16.1 13.0 19.6

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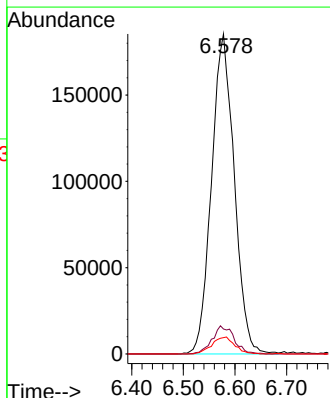
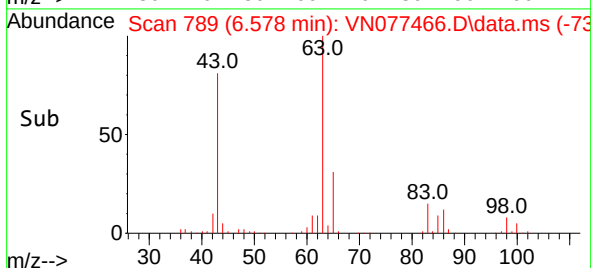
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

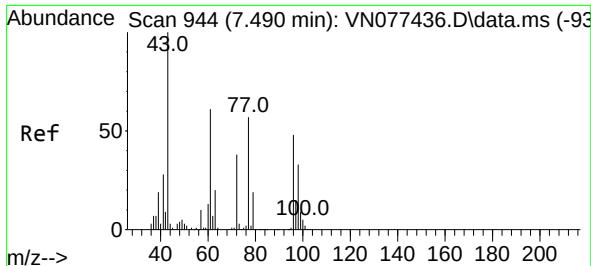


#24
 1,1-Dichloroethane
 Concen: 45.073 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077466.D
 Acq: 25 Apr 2023 12:31



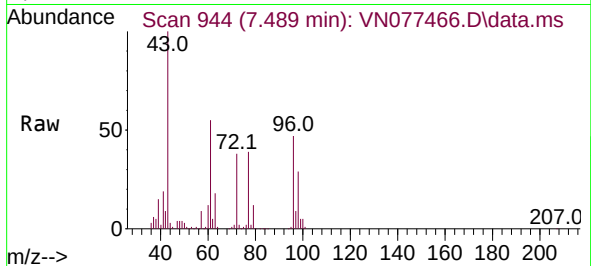
Tgt Ion: 63 Resp: 566212
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.1 2.5 7.4





#25
2-Butanone
Concen: 225.762 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

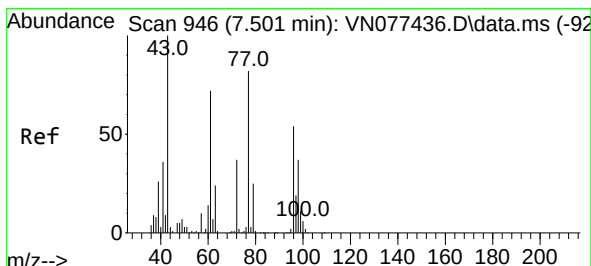
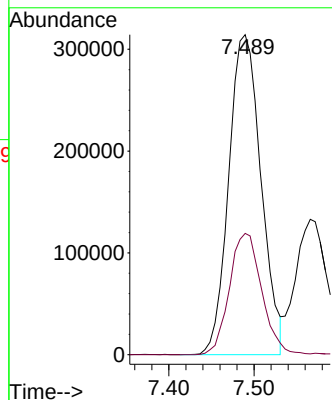
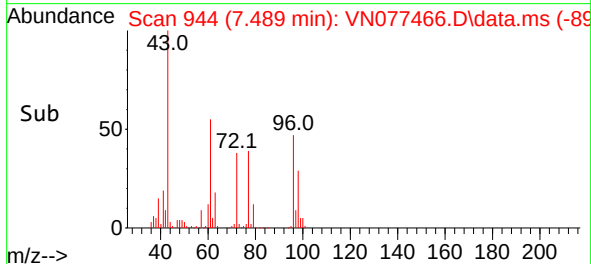
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



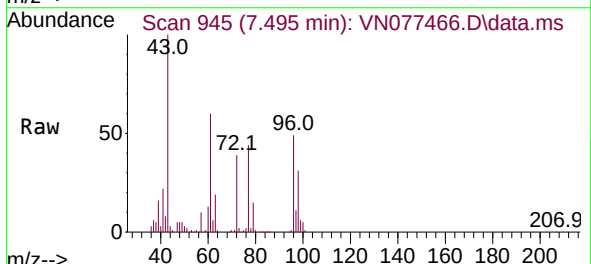
Tgt Ion: 43 Resp: 82845
Ion Ratio Lower Upper
43 100
72 37.9 30.2 45.2

Manual Integrations
APPROVED

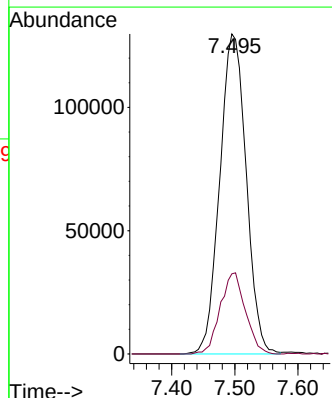
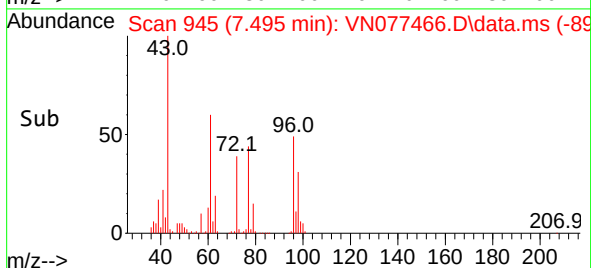
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

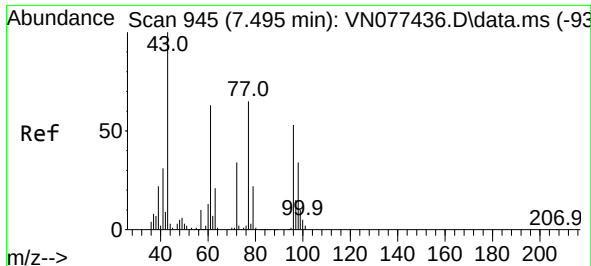


#26
2,2-Dichloropropane
Concen: 30.987 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



Tgt Ion: 77 Resp: 377447
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 44.937 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077466.D

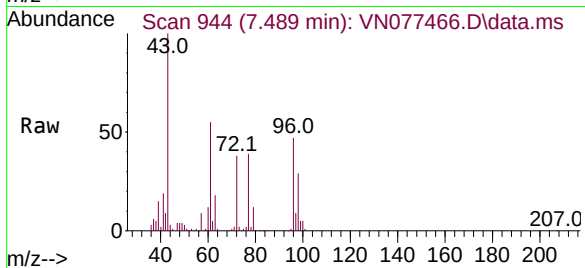
Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



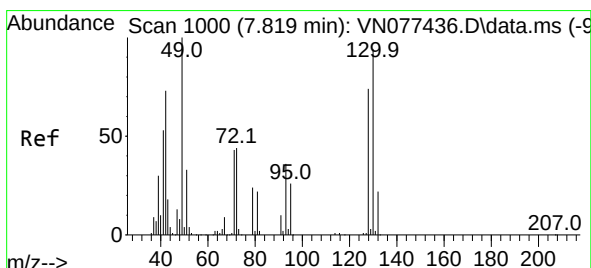
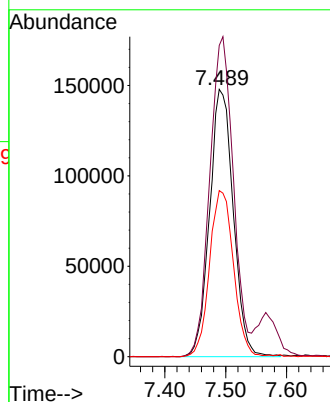
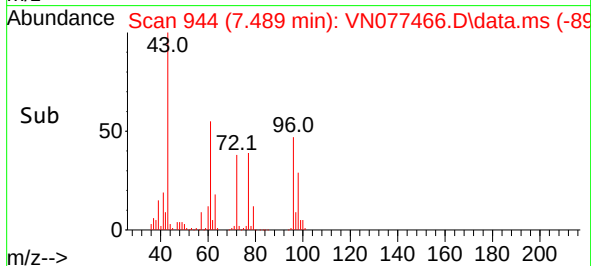
Tgt Ion:	96	Resp:	40025
Ion Ratio	100	Lower	Upper
96	100		
61	119.5	0.0	255.2
98	62.5	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#28

Bromochloromethane

Concen: 45.481 ug/l

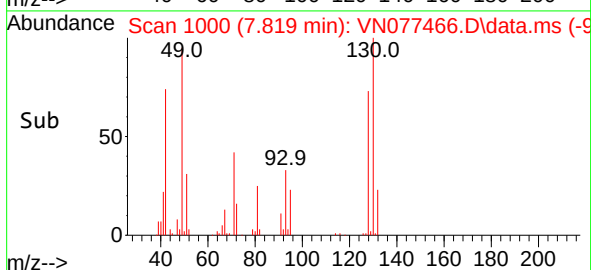
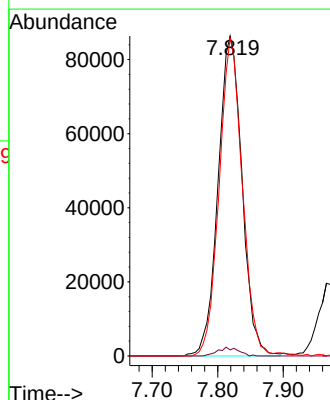
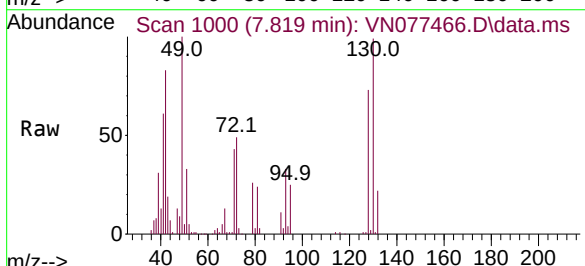
RT: 7.819 min Scan# 1000

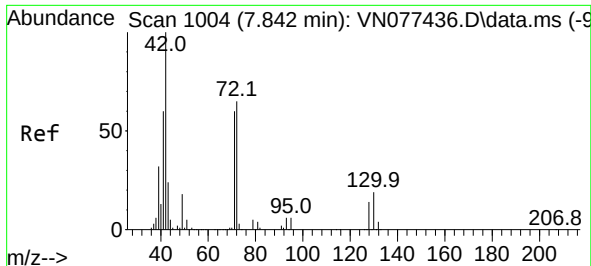
Delta R.T. -0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Tgt Ion:	49	Resp:	218182
Ion Ratio	100	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	95.7	75.3	112.9





#29

Tetrahydrofuran

Concen: 235.103 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

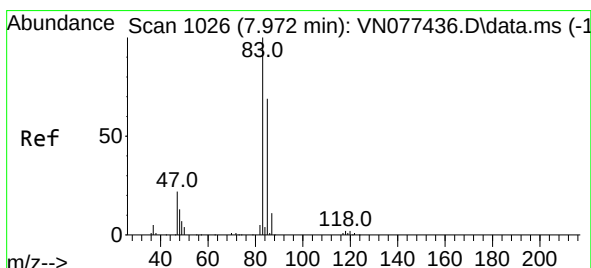
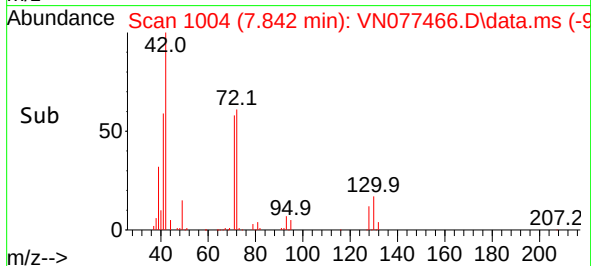
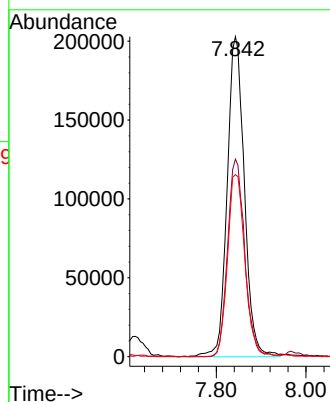
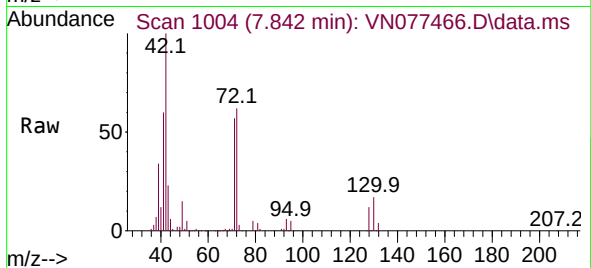
Tgt Ion:	42	Resp:	54054
Ion Ratio	Lower	Upper	
42	100		
72	61.3	49.8	74.6
71	58.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#30

Chloroform

Concen: 46.536 ug/l

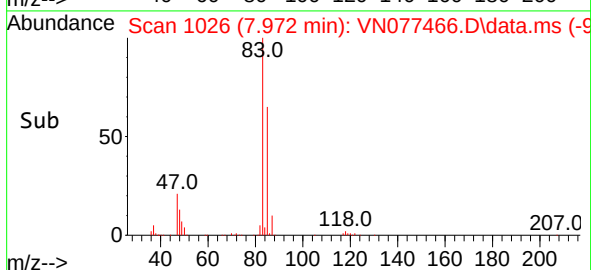
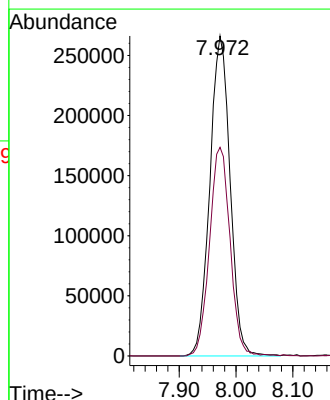
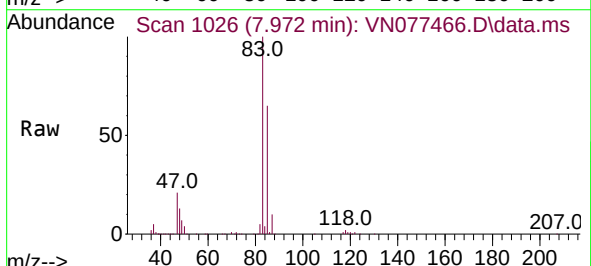
RT: 7.972 min Scan# 1026

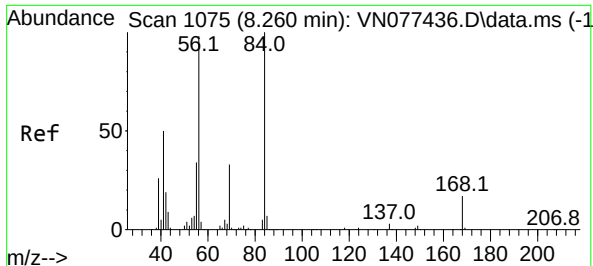
Delta R.T. -0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

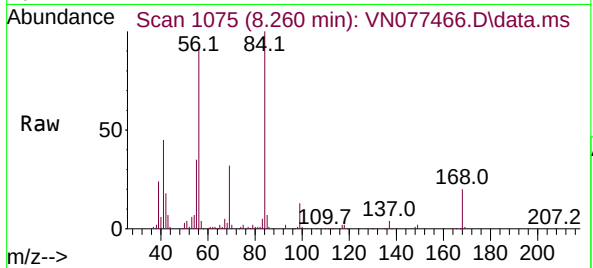
Tgt Ion:	83	Resp:	658819
Ion Ratio	Lower	Upper	
83	100		
85	65.2	55.4	83.0





#31
Cyclohexane
Concen: 40.774 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

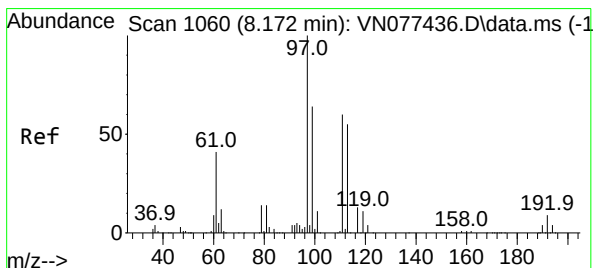
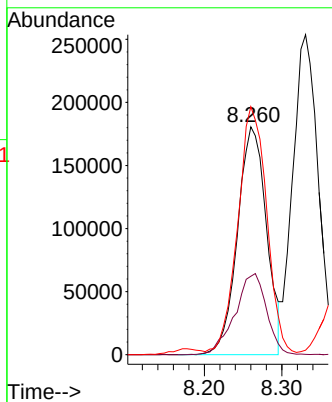
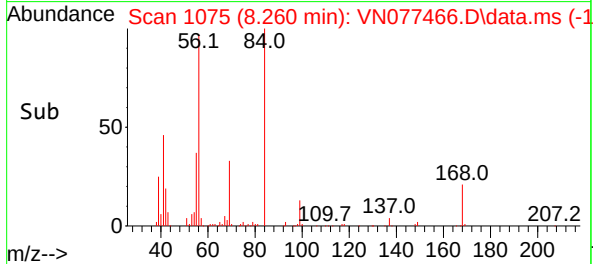
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 469720
Ion Ratio Lower Upper
56 100
69 34.4 26.8 40.2
84 106.9 81.8 122.6

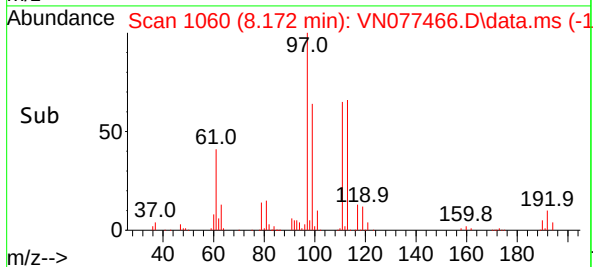
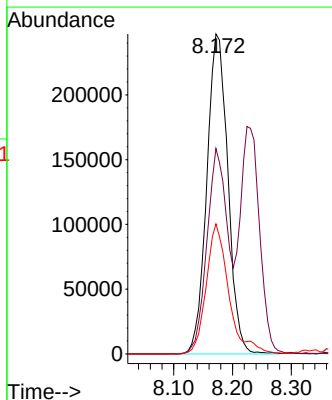
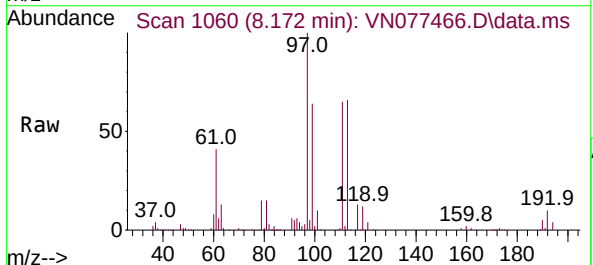
Manual Integrations
APPROVED

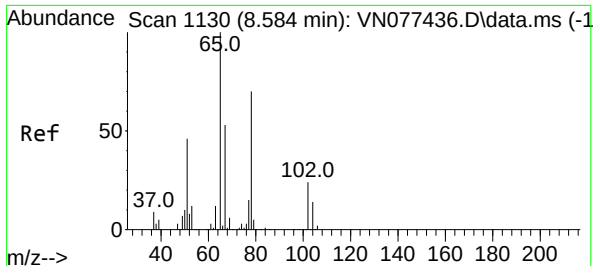
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#32
1,1,1-Trichloroethane
Concen: 47.311 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Tgt Ion: 97 Resp: 615783
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 43.4 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 55.081 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

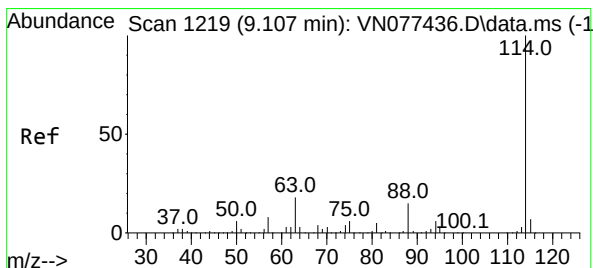
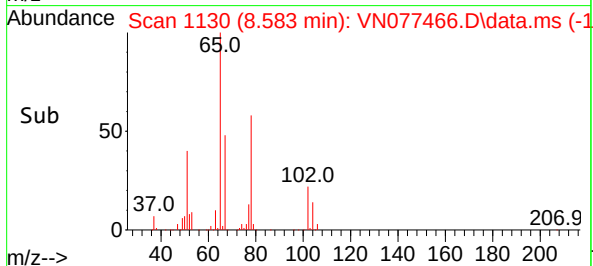
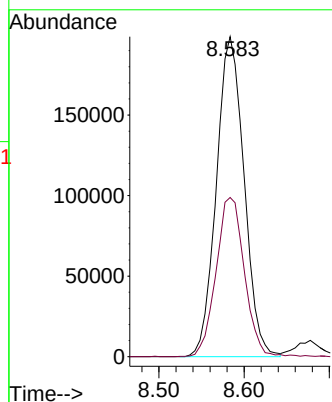
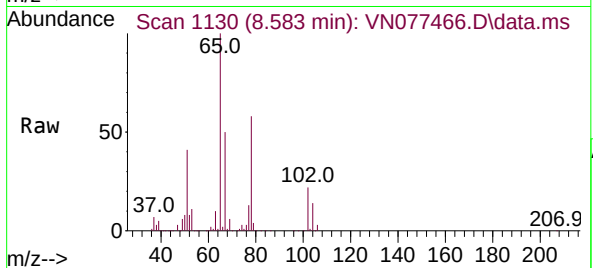
VSTDCCC050EC

Tgt Ion: 65 Resp: 447939
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6

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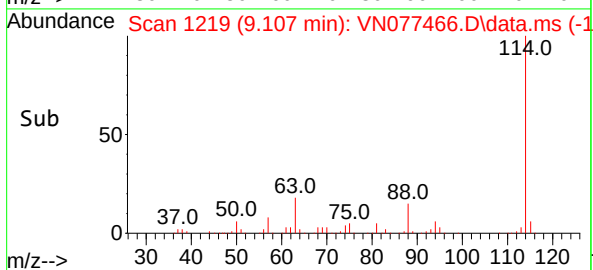
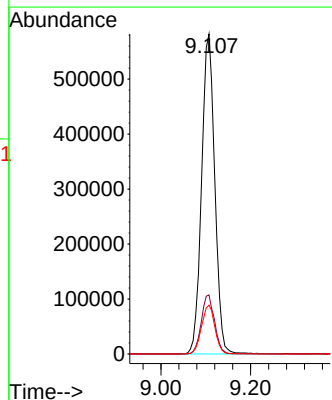
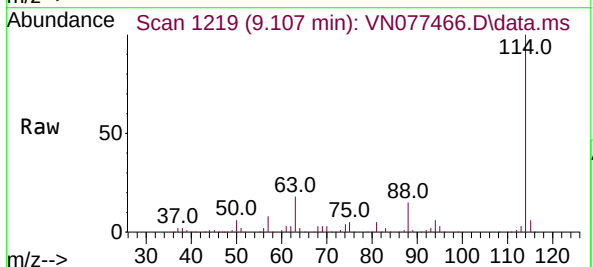
APPROVED

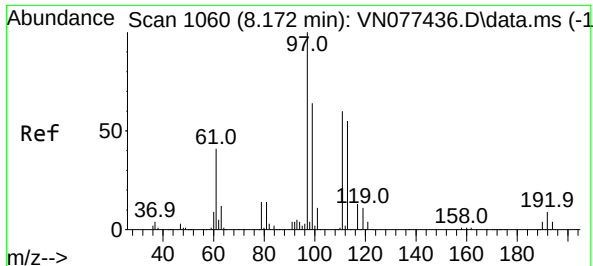
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

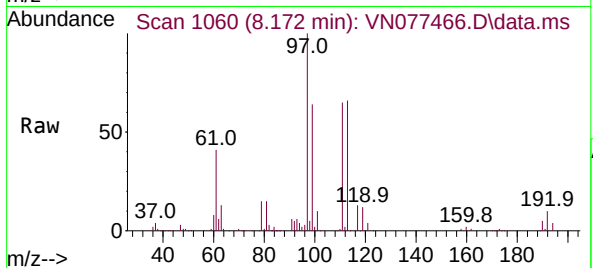
Tgt Ion:114 Resp: 1187117
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.330 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

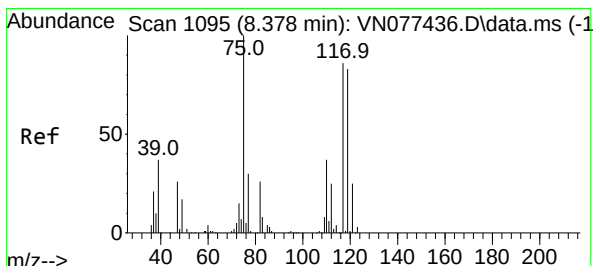
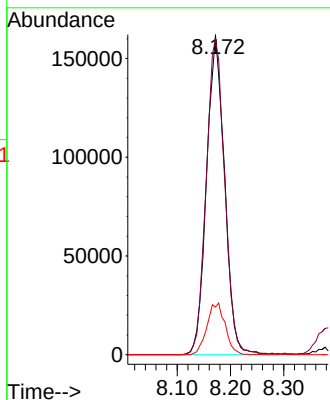
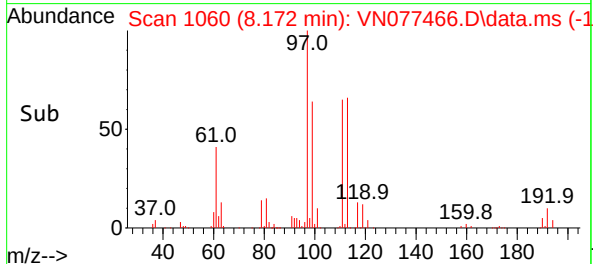
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 38051
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 16.4 12.7 19.1

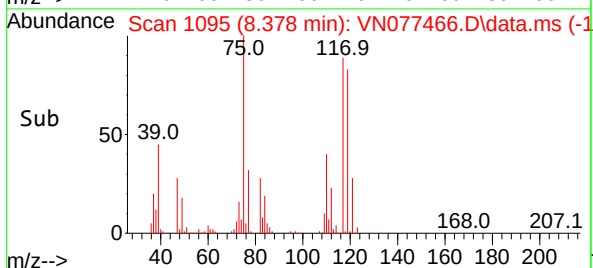
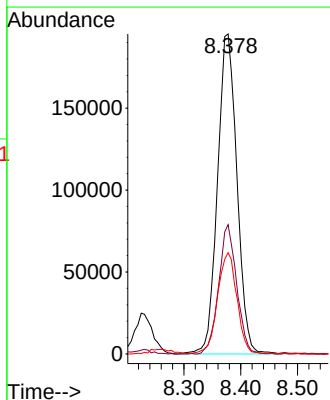
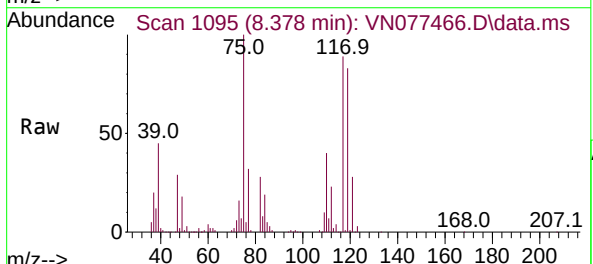
Manual Integrations
APPROVED

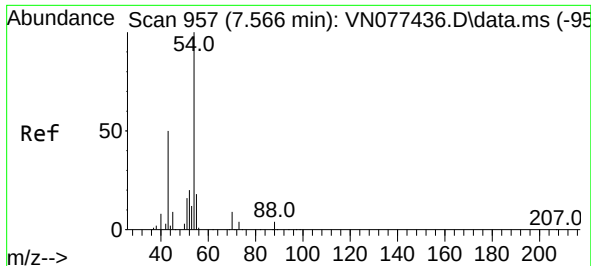
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#36
1,1-Dichloropropene
Concen: 45.112 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Tgt Ion: 75 Resp: 465021
Ion Ratio Lower Upper
75 100
110 37.5 19.1 57.3
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 45.178 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077466.D

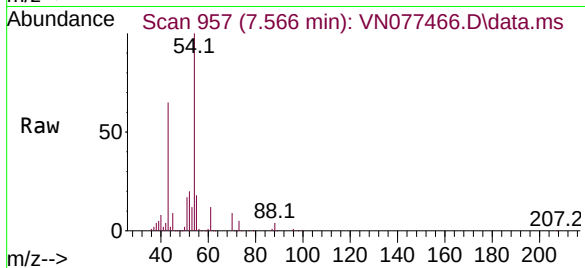
Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



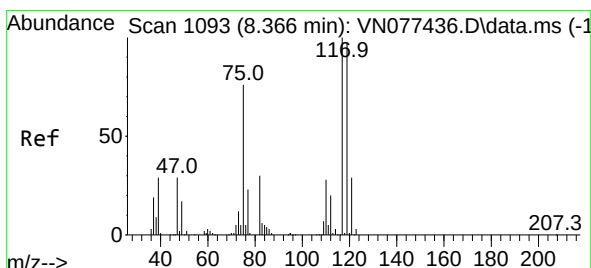
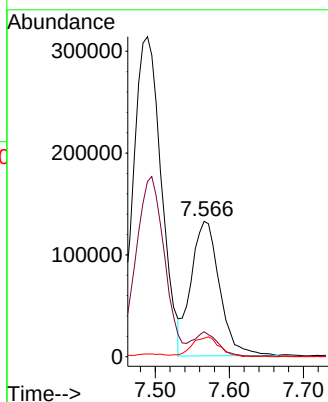
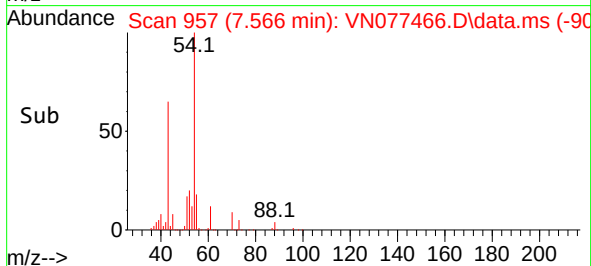
Tgt Ion:	43	Resp:	35387
Ion	Ratio	Lower	Upper
43	100		
61	15.3	13.2	19.8
70	14.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#38

Carbon Tetrachloride

Concen: 46.014 ug/l

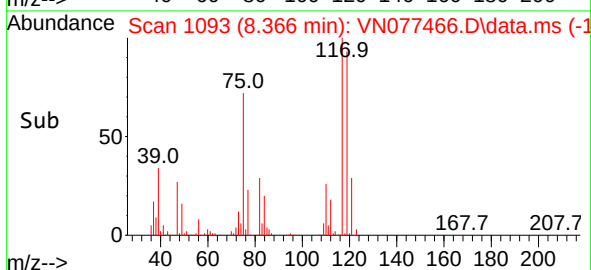
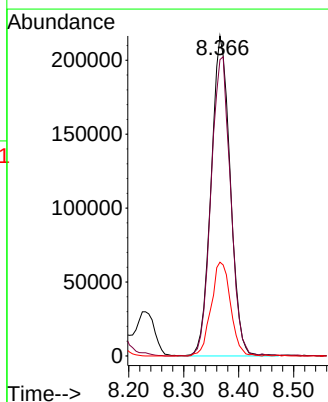
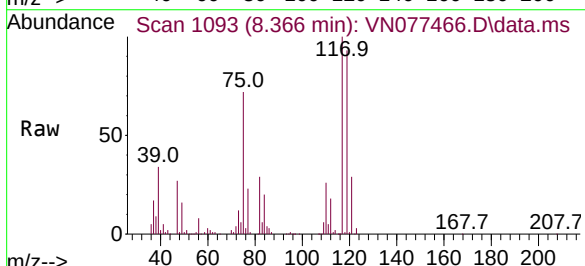
RT: 8.366 min Scan# 1093

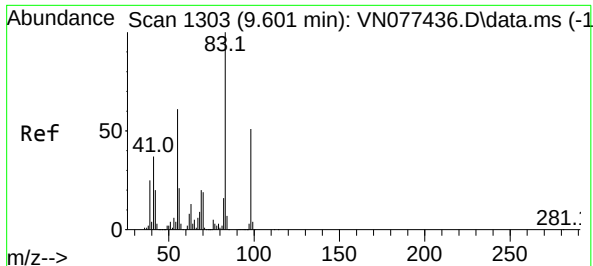
Delta R.T. -0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Tgt Ion:	117	Resp:	523334
Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.3	115.9
121	29.3	23.3	34.9





#39

Methylcyclohexane

Concen: 42.985 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077466.D

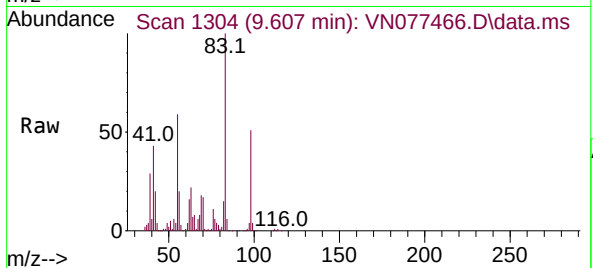
Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



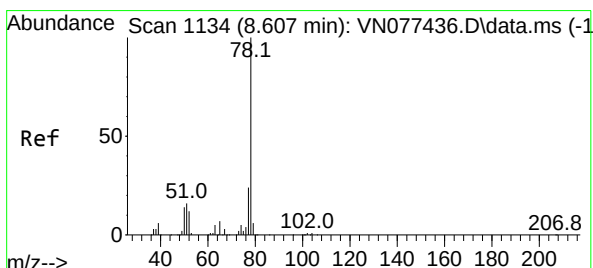
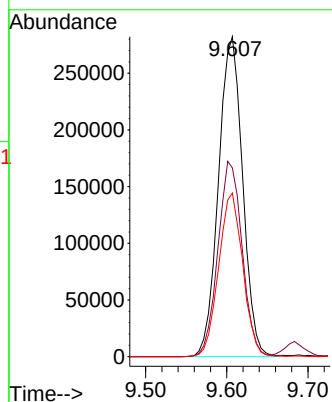
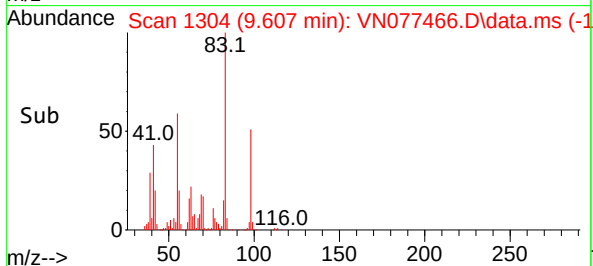
Tgt Ion: 83	Resp: 58378
Ion Ratio	Lower Upper
83	100
55	59.0 49.1 73.7
98	51.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#40

Benzene

Concen: 45.546 ug/l

RT: 8.613 min Scan# 1135

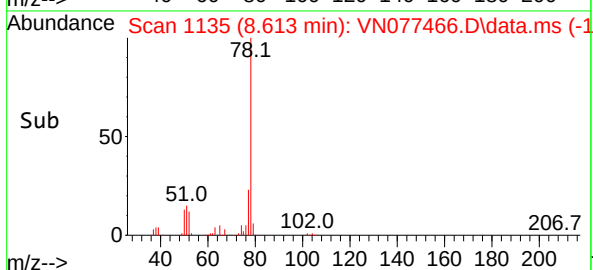
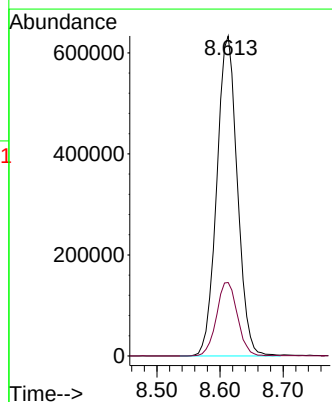
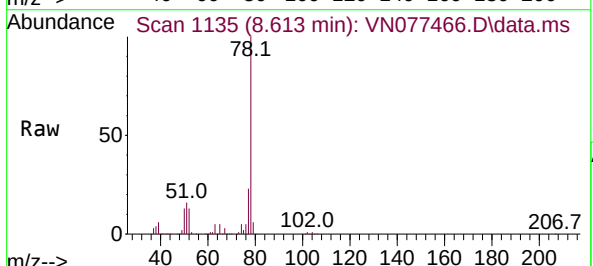
Delta R.T. 0.006 min

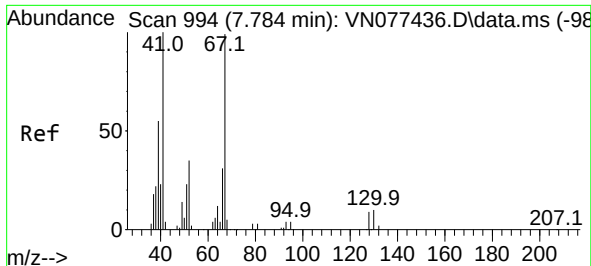
Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Tgt Ion: 78 Resp: 1430258

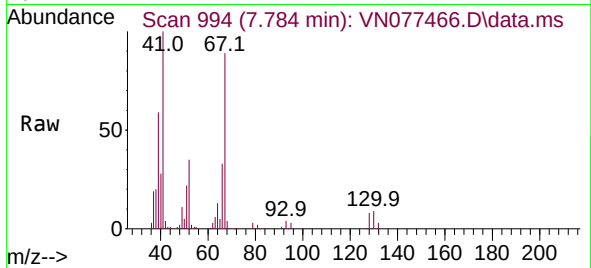
Ion Ratio	Lower Upper
78	100
77	22.9 19.0 28.6





#41
Methacrylonitrile
Concen: 44.096 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

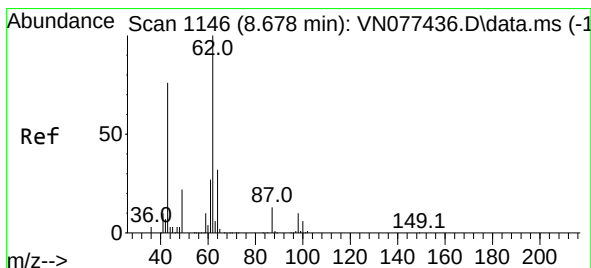
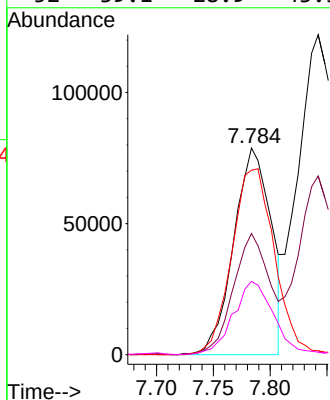
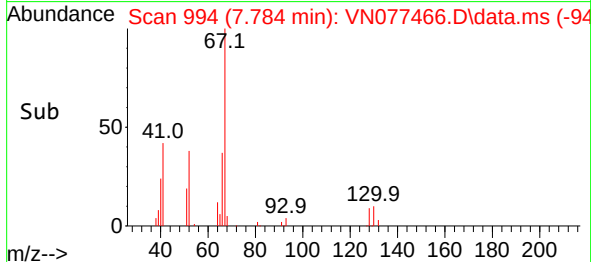
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 179897
Ion Ratio Lower Upper
41 100
39 56.8 42.6 64.0
67 103.4 77.5 116.3
52 39.1 28.9 43.3

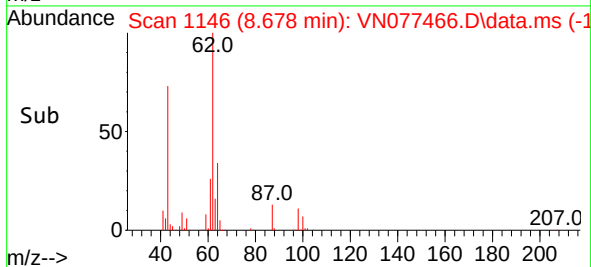
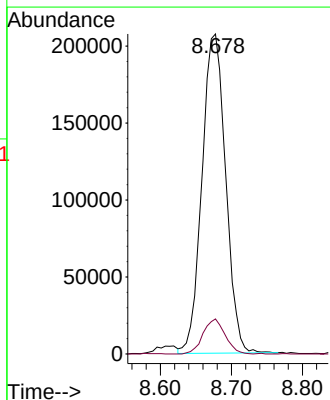
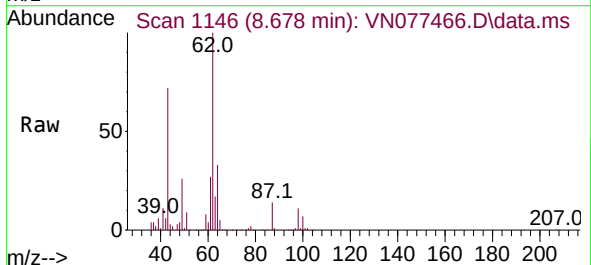
Manual Integrations
APPROVED

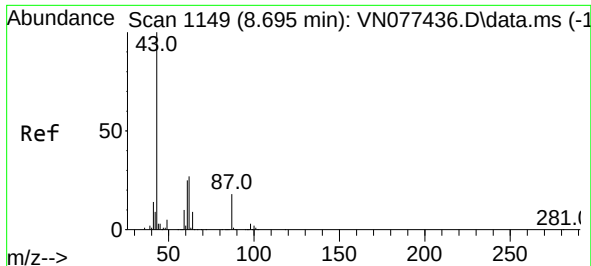
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#42
1,2-Dichloroethane
Concen: 44.594 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

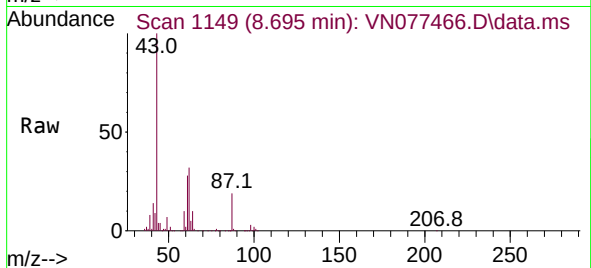
Tgt Ion: 62 Resp: 480976
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 45.751 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

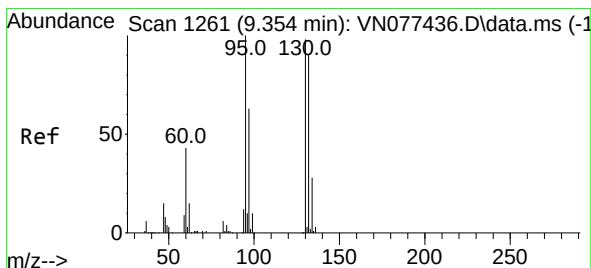
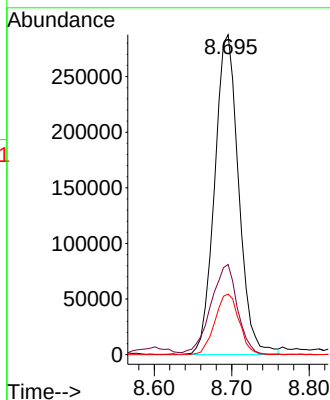
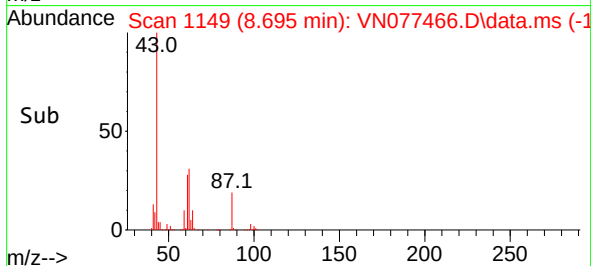
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 619979
Ion Ratio Lower Upper
43 100
61 30.8 24.7 37.1
87 19.1 14.6 21.8

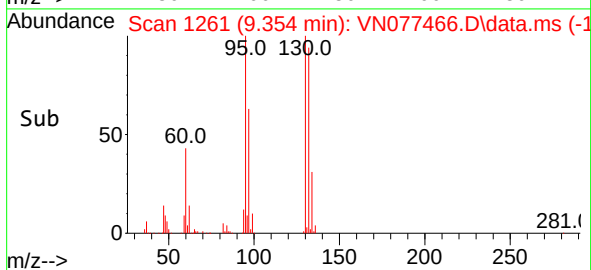
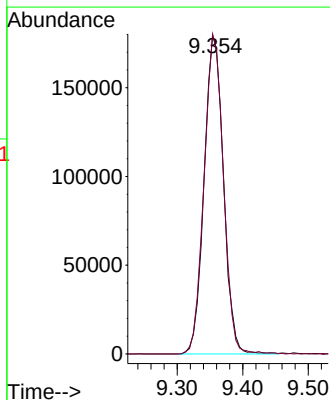
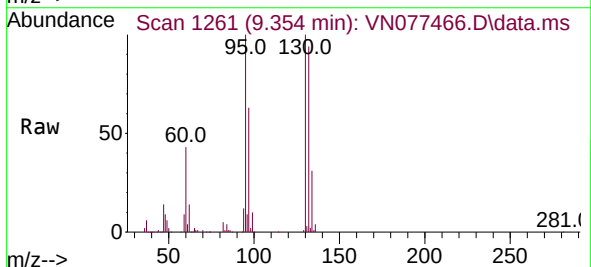
Manual Integrations
APPROVED

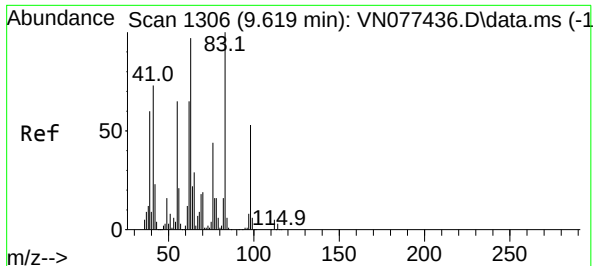
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#44
Trichloroethene
Concen: 45.758 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

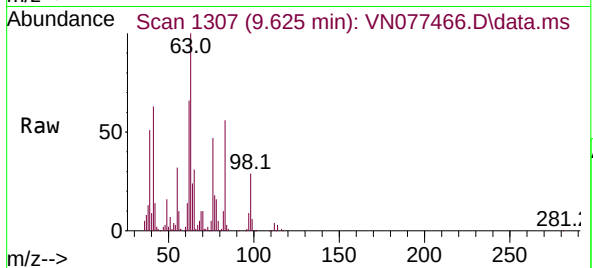
Tgt Ion:130 Resp: 367906
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.6





#45
1,2-Dichloropropane
Concen: 44.949 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

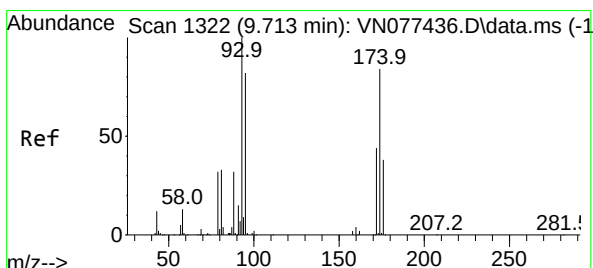
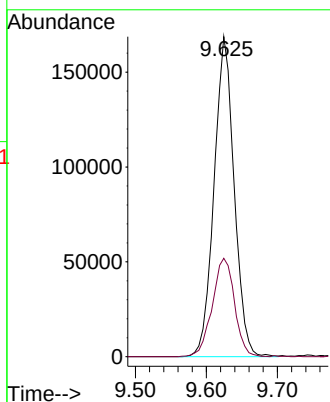
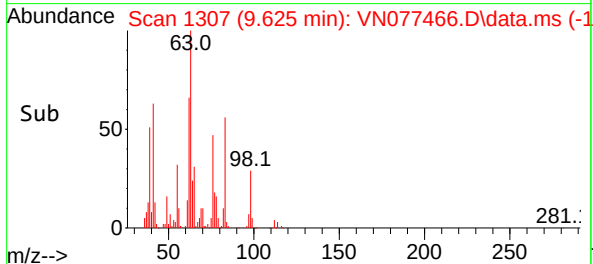
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 33064
Ion Ratio Lower Upper
63 100
65 30.8 23.9 35.9

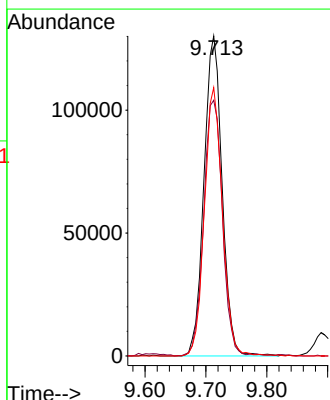
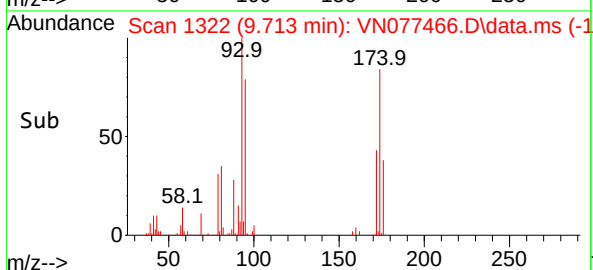
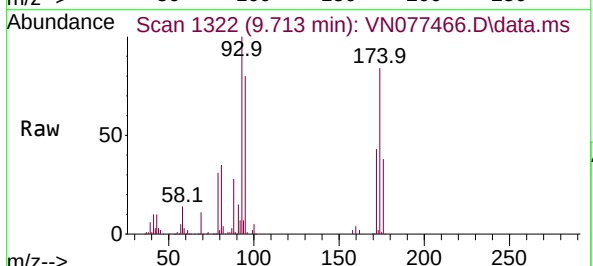
Manual Integrations
APPROVED

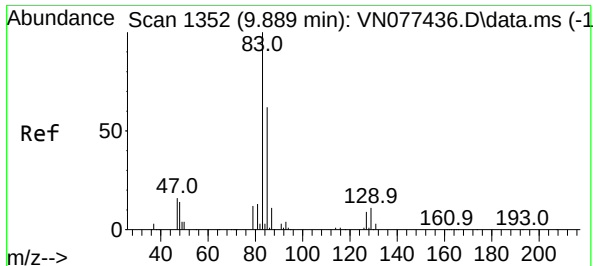
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#46
Dibromomethane
Concen: 45.117 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Tgt Ion: 93 Resp: 269293
Ion Ratio Lower Upper
93 100
95 82.5 63.8 95.8
174 83.5 65.6 98.4





#47

Bromodichloromethane

Concen: 46.017 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

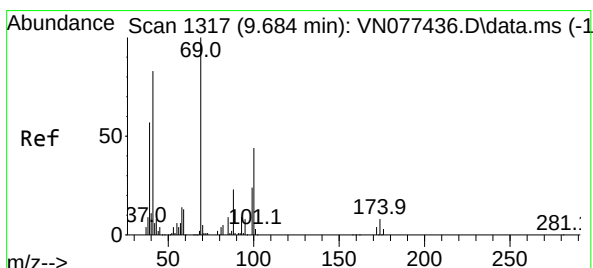
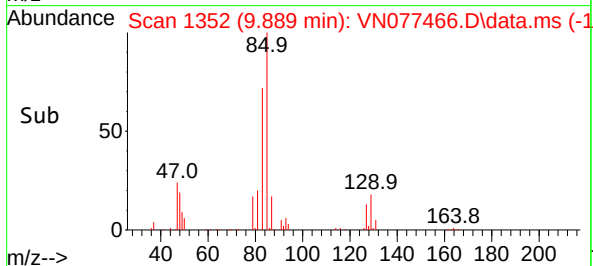
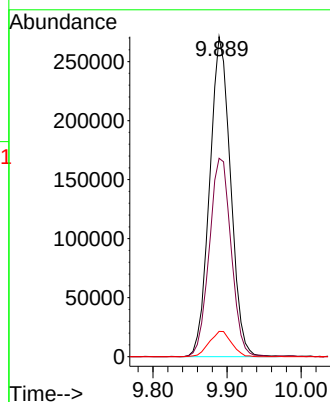
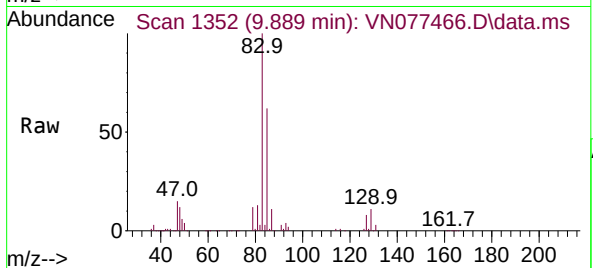
VSTDCCC050EC

Tgt Ion:	83	Resp:	531280
Ion	Ratio	Lower	Upper
83	100		
85	62.0	49.6	74.4
127	7.9	7.0	10.6

Manual Integrations

APPROVED

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



#48

Methyl methacrylate

Concen: 44.758 ug/l

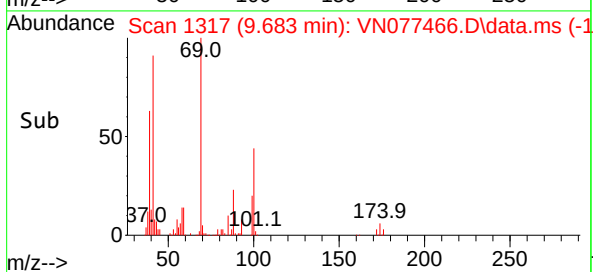
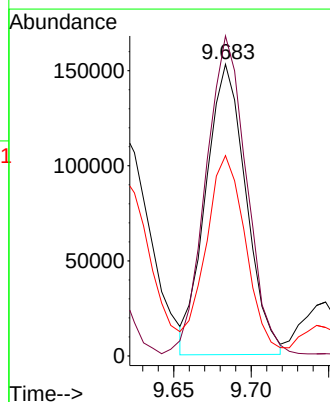
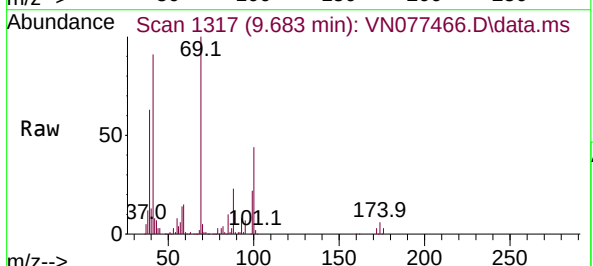
RT: 9.683 min Scan# 1317

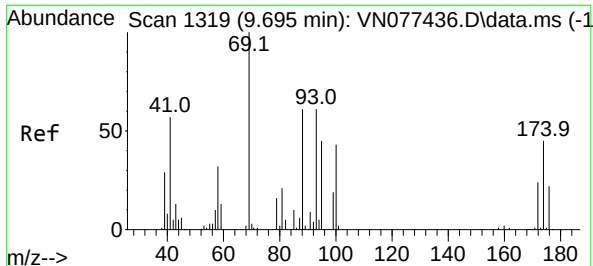
Delta R.T. -0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Tgt Ion:	41	Resp:	276082
Ion	Ratio	Lower	Upper
41	100		
69	112.3	90.4	135.6
39	69.5	54.6	81.8





#49

1,4-Dioxane

Concen: 924.551 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077466.D

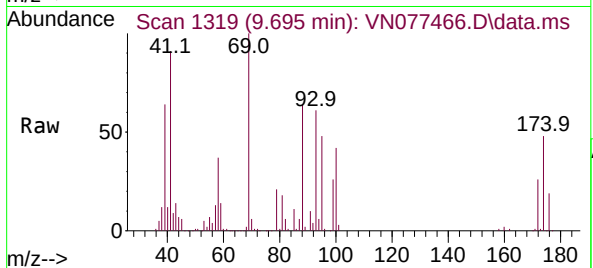
Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



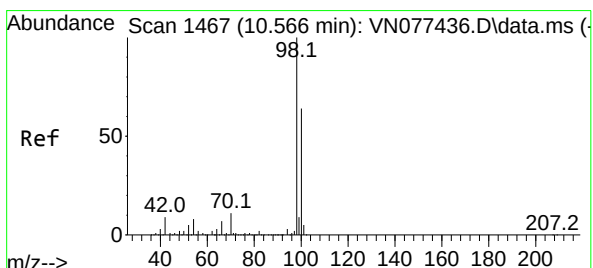
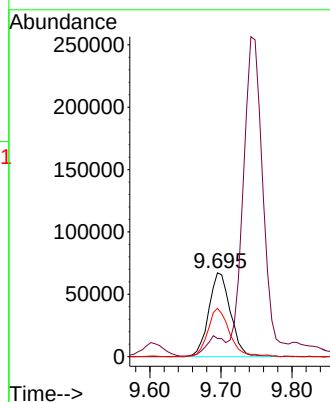
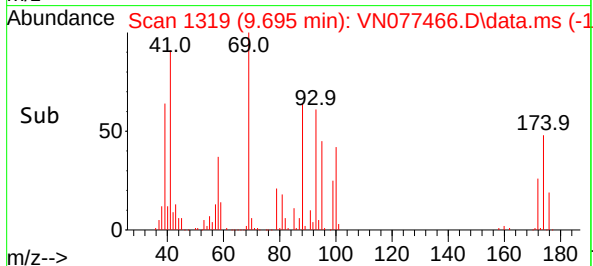
Tgt Ion:	88	Resp:	143049
Ion Ratio	Lower	Upper	
88	100		
43	19.5	17.0	25.6
58	57.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#50

Toluene-d8

Concen: 54.293 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077466.D

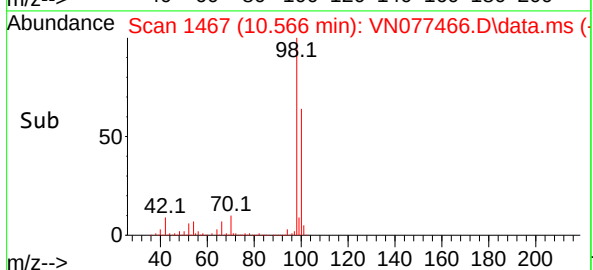
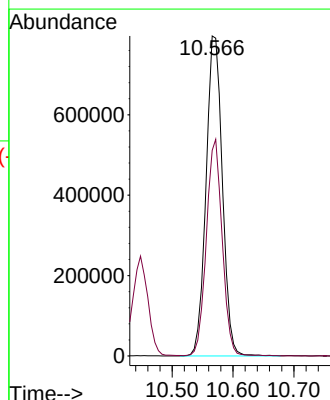
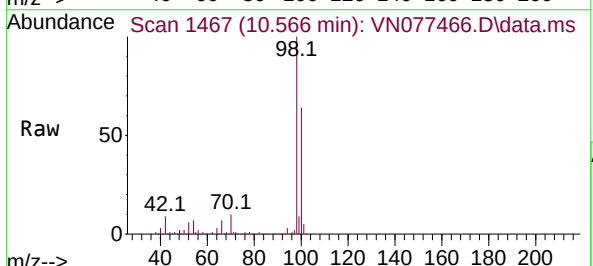
Acq: 25 Apr 2023 12:31

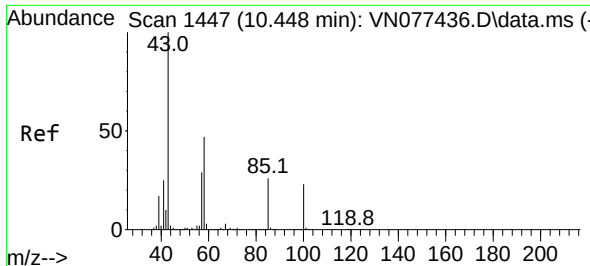
Tgt Ion: 98 Resp: 1484684

Ion Ratio Lower Upper

98 100

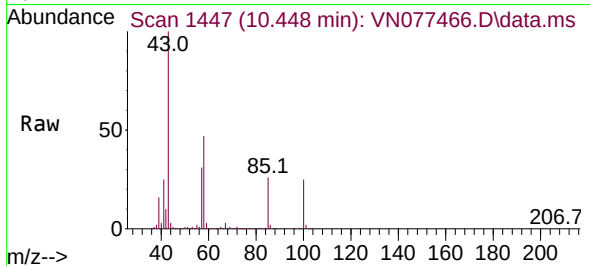
100 65.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 232.547 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

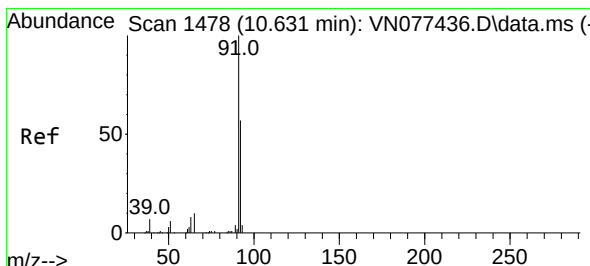
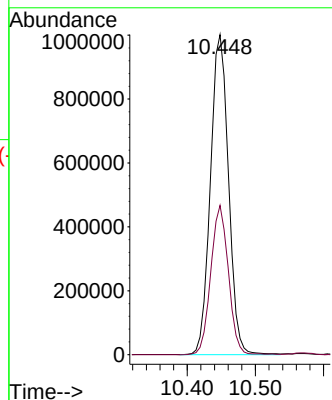
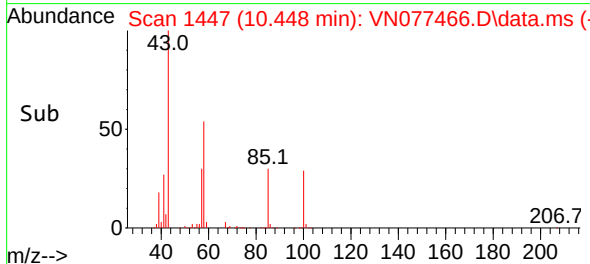
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



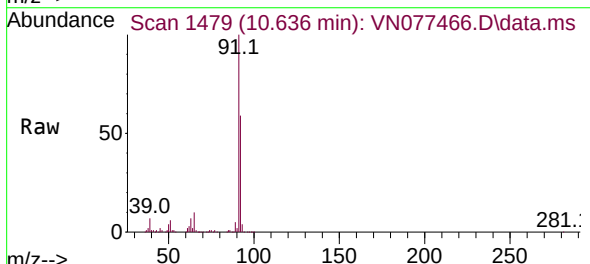
Tgt Ion: 43 Resp: 184836
Ion Ratio Lower Upper
43 100
58 45.4 36.6 54.8

Manual Integrations
APPROVED

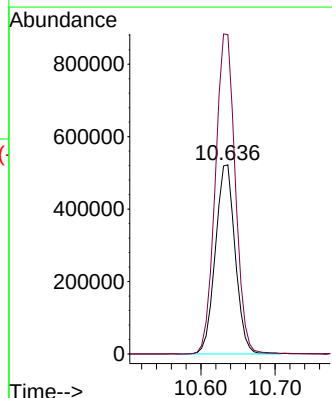
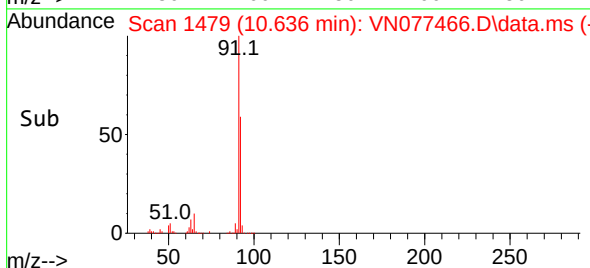
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

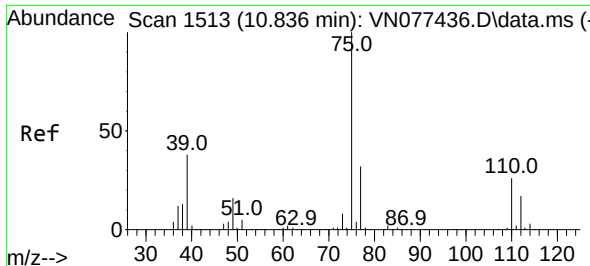


#52
Toluene
Concen: 47.027 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



Tgt Ion: 92 Resp: 967449
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 44.644 ug/l
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

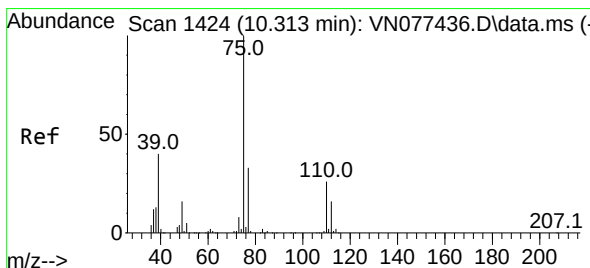
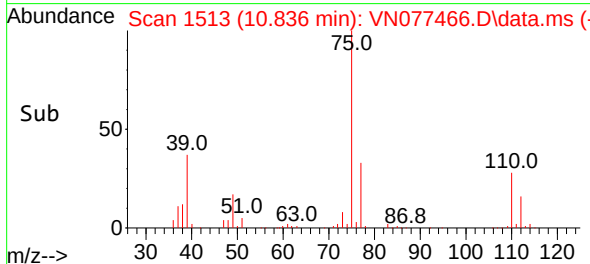
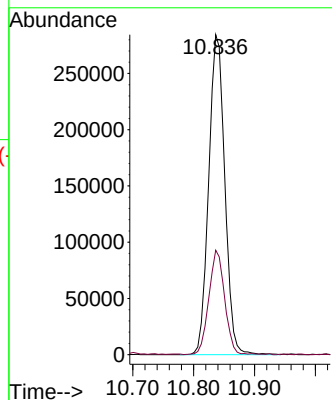
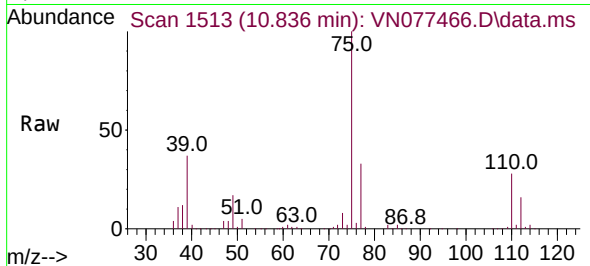
VSTDCCC050EC

Tgt Ion: 75 Resp: 521920
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

Manual Integrations

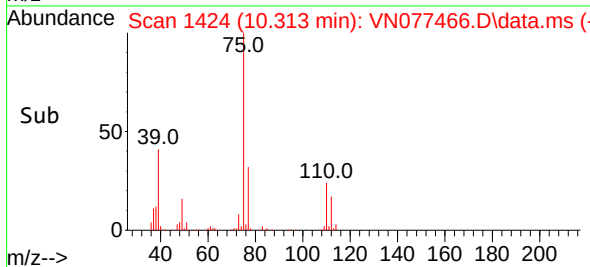
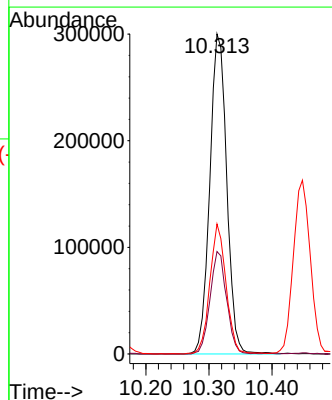
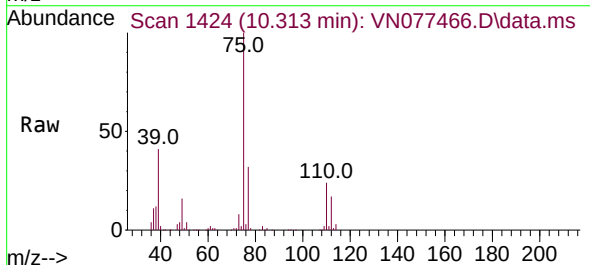
APPROVED

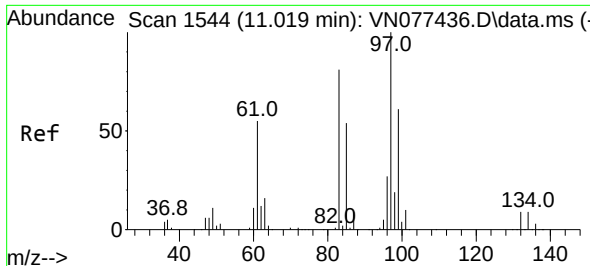
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#54
cis-1,3-Dichloropropene
Concen: 44.010 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Tgt Ion: 75 Resp: 560042
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 40.5 31.6 47.4





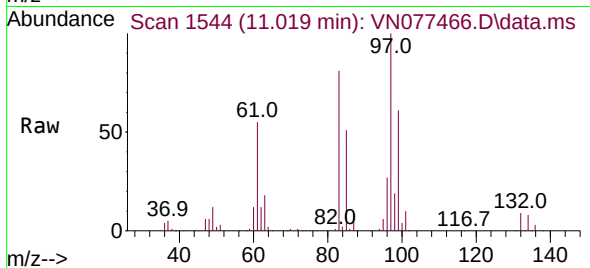
#55
1,1,2-Trichloroethane
Concen: 45.787 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



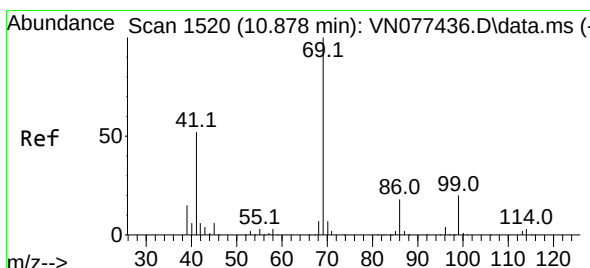
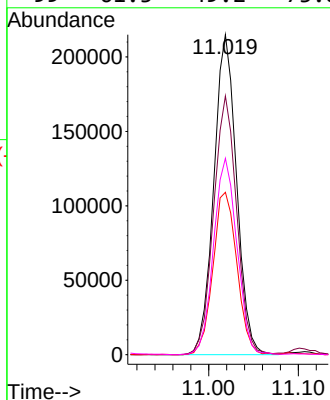
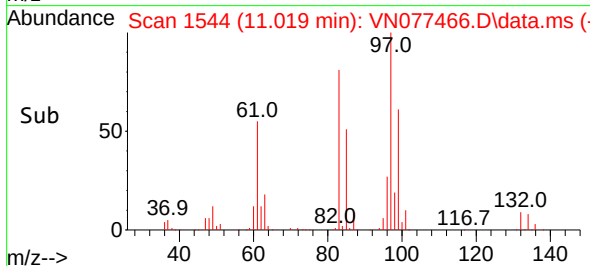
Tgt Ion: 97 Resp: 378772
Ion Ratio Lower Upper
97 100
83 80.9 65.1 97.7
85 50.7 43.4 65.2
99 61.3 49.2 73.8

Manual Integrations

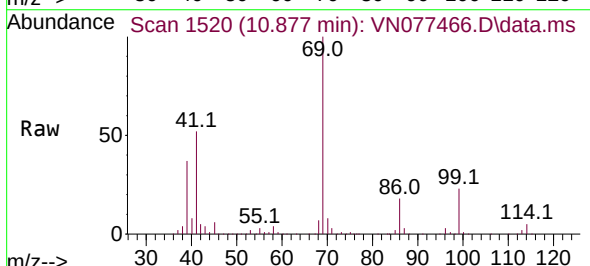
APPROVED

Reviewed By :John Carlone 04/25/2023

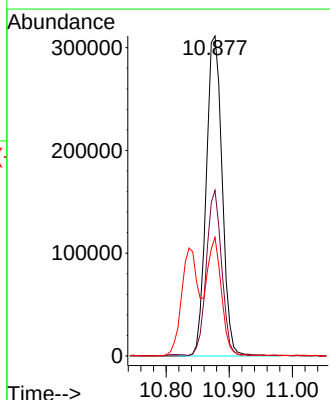
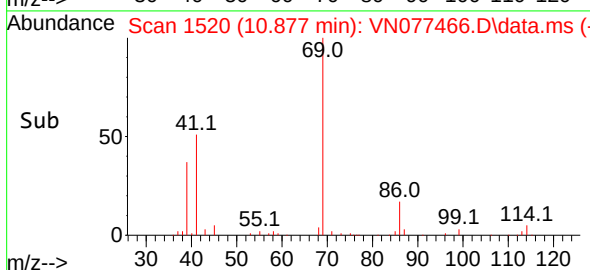
Supervised By :Mahesh Dadoda 04/25/2023

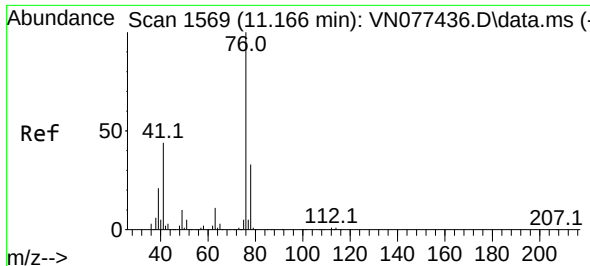


#56
Ethyl methacrylate
Concen: 47.159 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



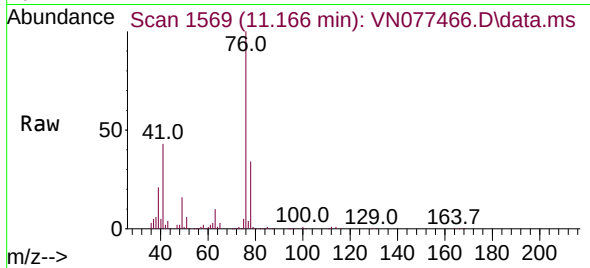
Tgt Ion: 69 Resp: 546655
Ion Ratio Lower Upper
69 100
41 49.3 39.6 59.4
39 34.9 28.6 43.0





#57
1,3-Dichloropropane
Concen: 46.798 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

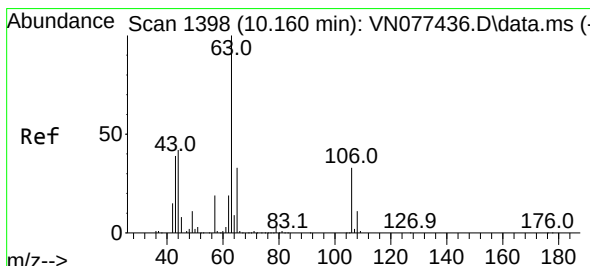
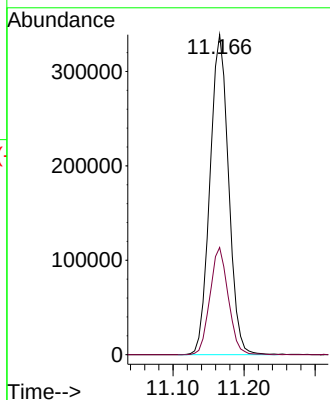
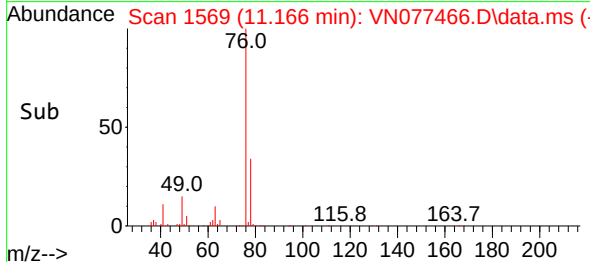
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 616652
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

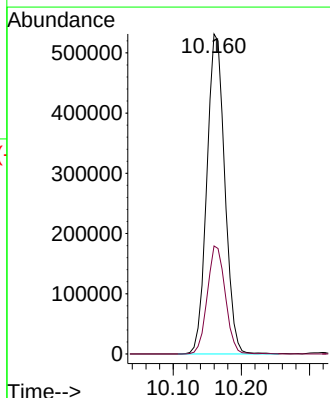
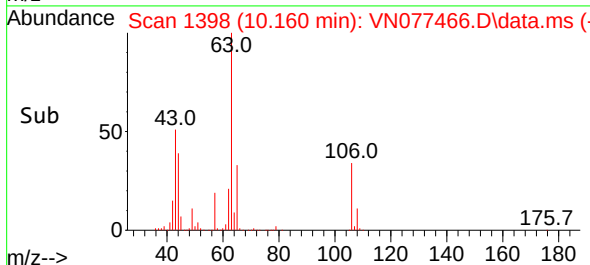
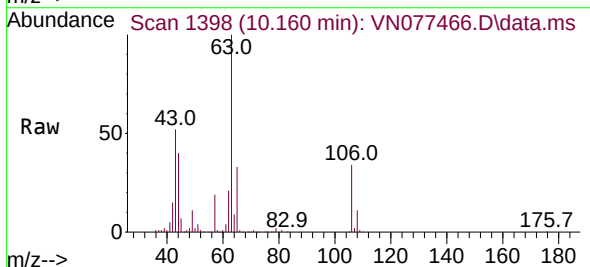
Manual Integrations
APPROVED

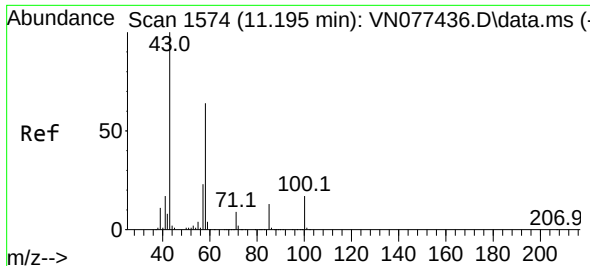
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#58
2-Chloroethyl Vinyl ether
Concen: 248.391 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

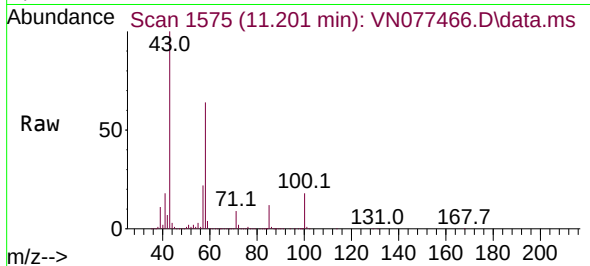
Tgt Ion: 63 Resp: 973873
Ion Ratio Lower Upper
63 100
106 33.7 26.2 39.4





#59
2-Hexanone
Concen: 232.973 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

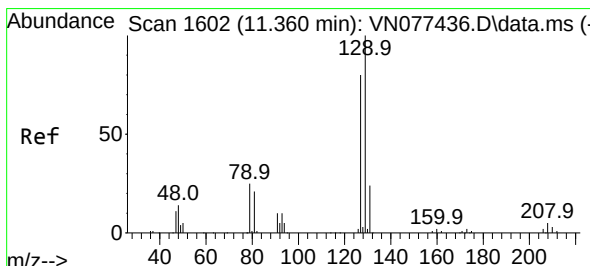
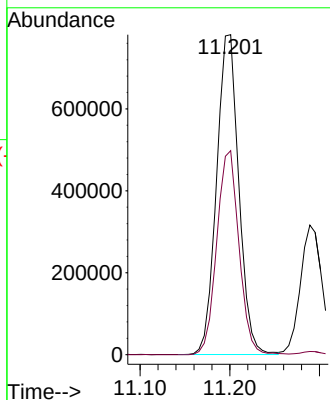
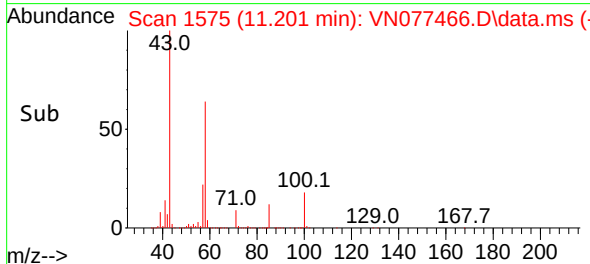
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1346014
Ion Ratio Lower Upper
43 100
58 63.6 31.7 95.1

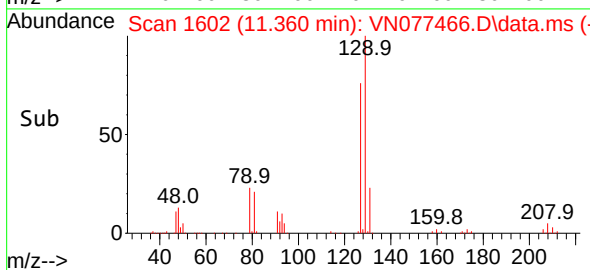
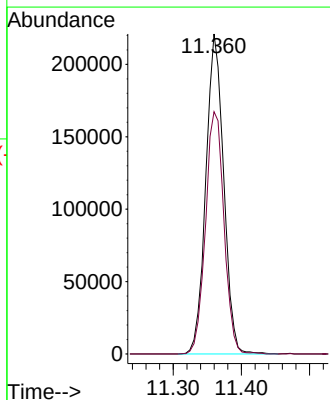
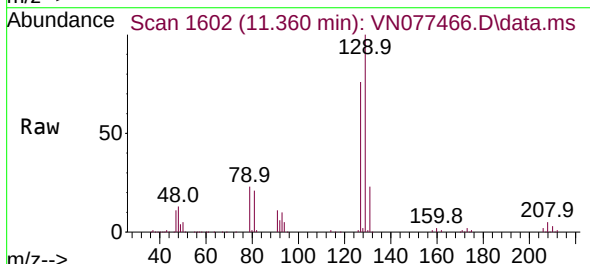
Manual Integrations
APPROVED

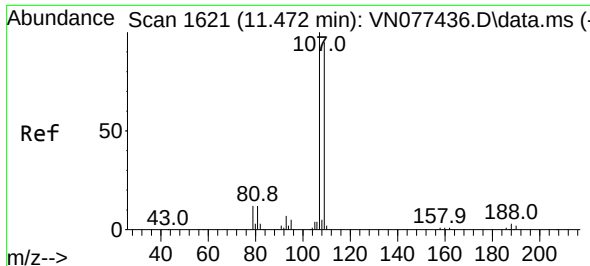
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#60
Dibromochloromethane
Concen: 46.860 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

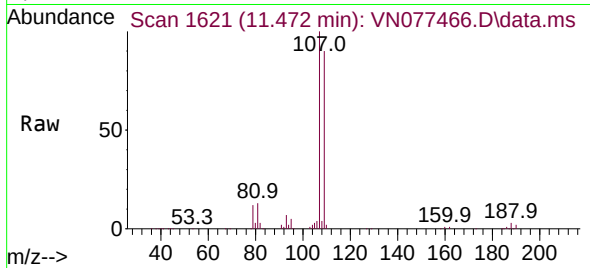
Tgt Ion:129 Resp: 402319
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.758 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

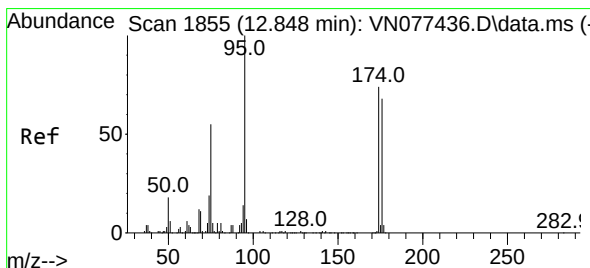
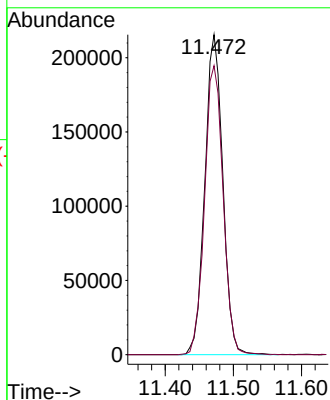
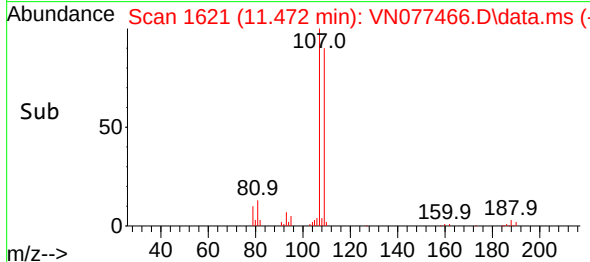
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



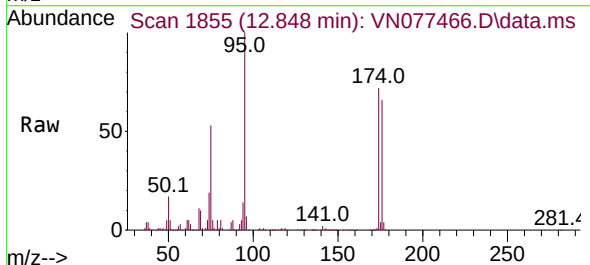
Tgt Ion:107 Resp: 394902
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

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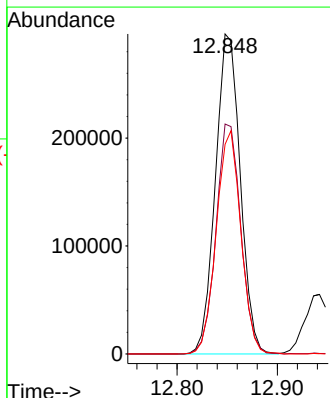
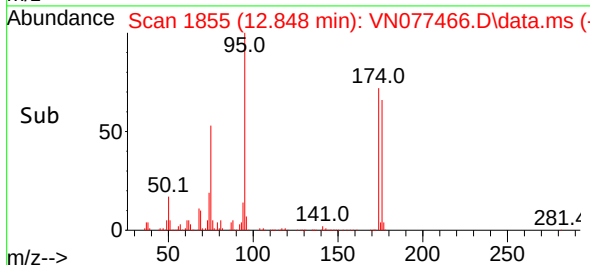
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

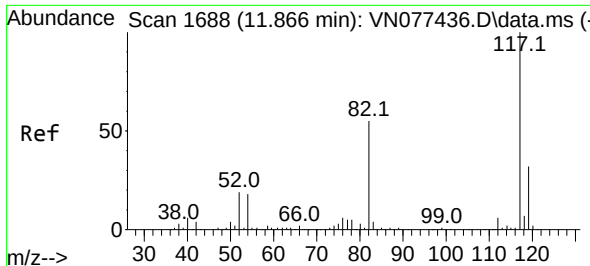


#62
4-Bromofluorobenzene
Concen: 57.035 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



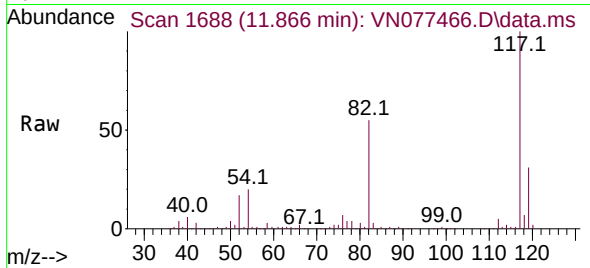
Tgt Ion: 95 Resp: 510284
Ion Ratio Lower Upper
95 100
174 71.5 0.0 143.8
176 69.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

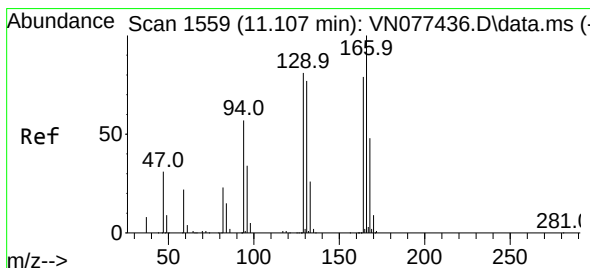
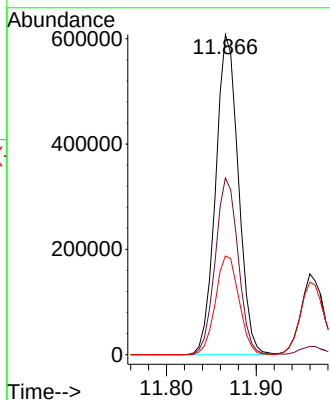
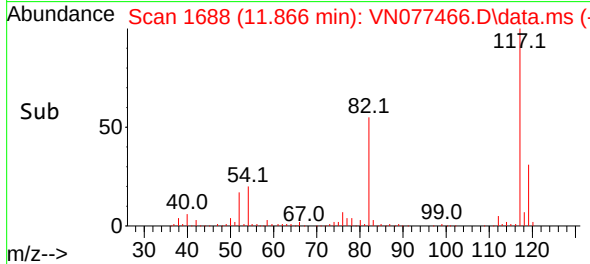
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



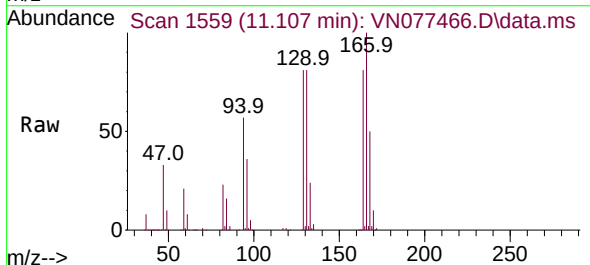
Tgt Ion:117 Resp: 1069270
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 30.9 25.6 38.4

Manual Integrations
APPROVED

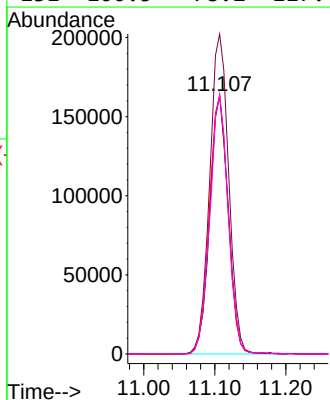
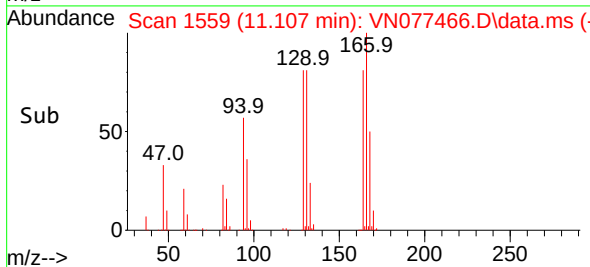
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

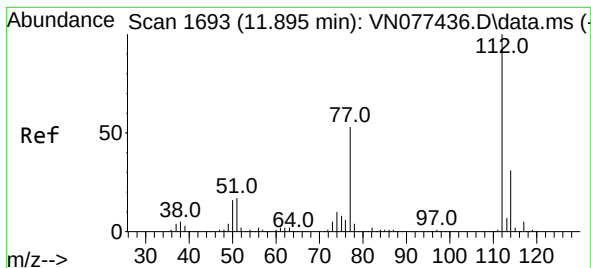


#64
Tetrachloroethene
Concen: 46.099 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



Tgt Ion:164 Resp: 295070
Ion Ratio Lower Upper
164 100
166 123.9 101.4 152.0
129 100.0 82.4 123.6
131 100.5 78.2 117.4





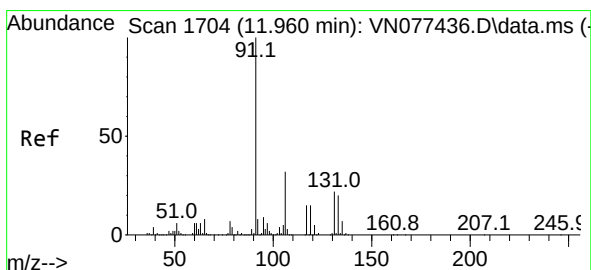
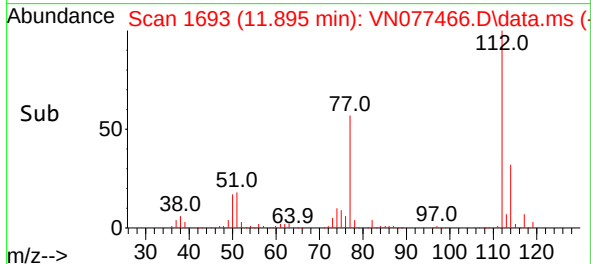
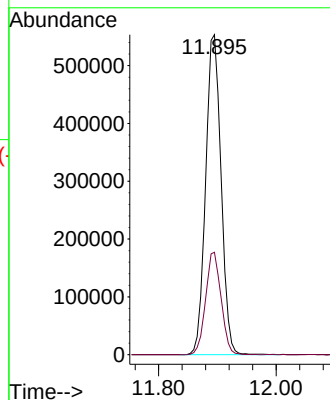
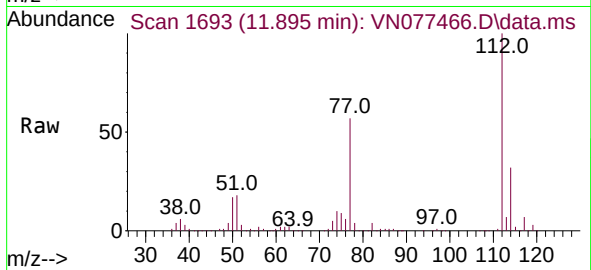
#65
Chlorobenzene
Concen: 44.564 ug/l
RT: 11.895 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 100832
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

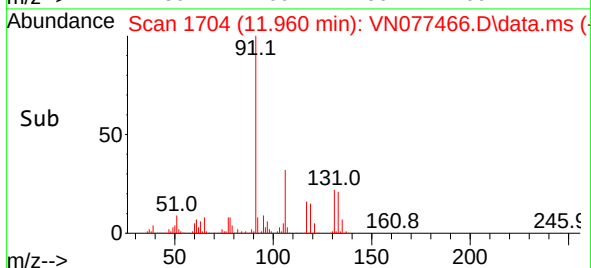
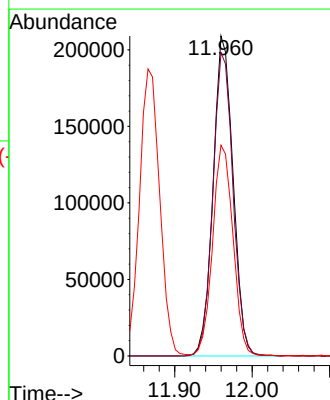
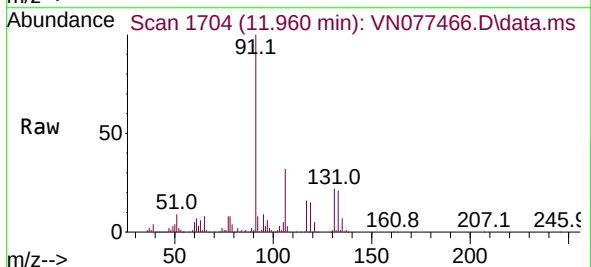
Manual Integrations
APPROVED

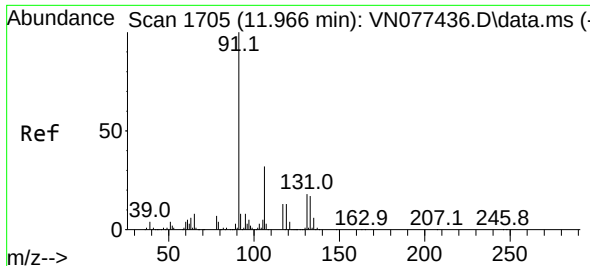
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 45.377 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

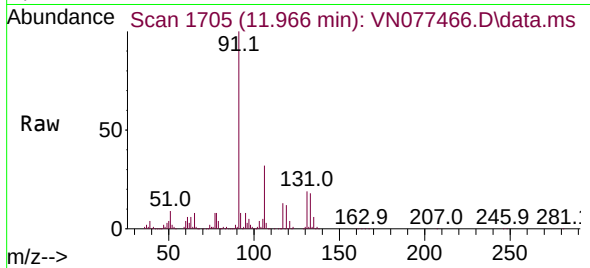
Tgt Ion:131 Resp: 373555
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 67.4 34.1 102.2





#67
Ethyl Benzene
Concen: 45.950 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

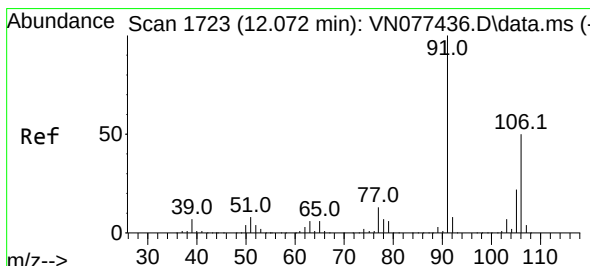
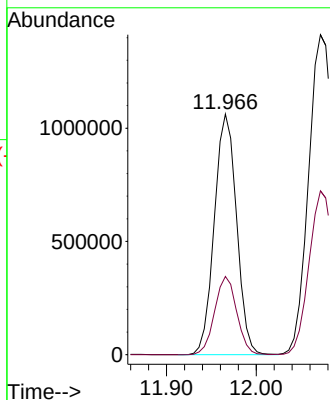
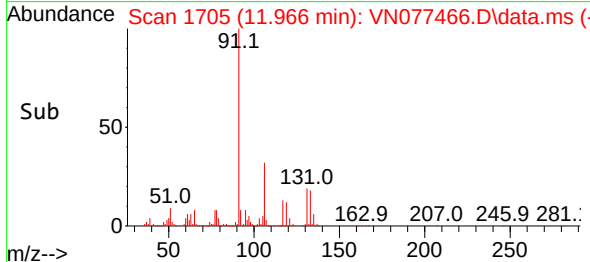
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



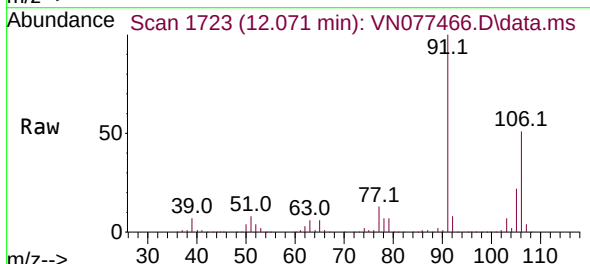
Tgt Ion: 91 Resp: 1830259
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4

Manual Integrations
APPROVED

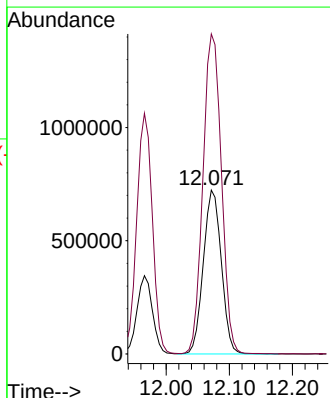
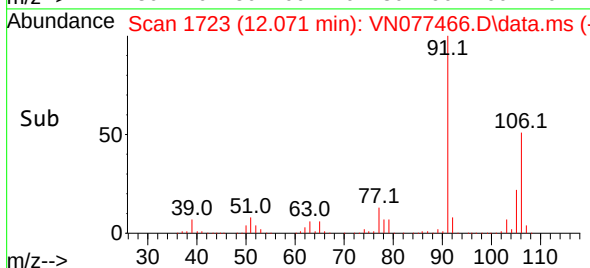
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

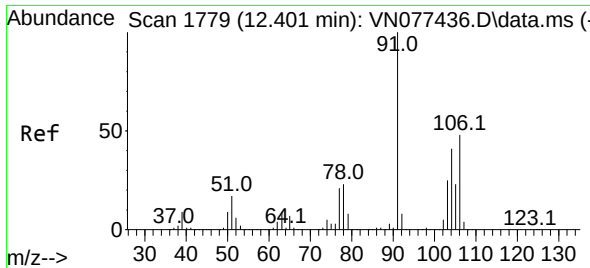


#68
m/p-Xylenes
Concen: 92.513 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



Tgt Ion:106 Resp: 1432161
Ion Ratio Lower Upper
106 100
91 200.2 159.6 239.4





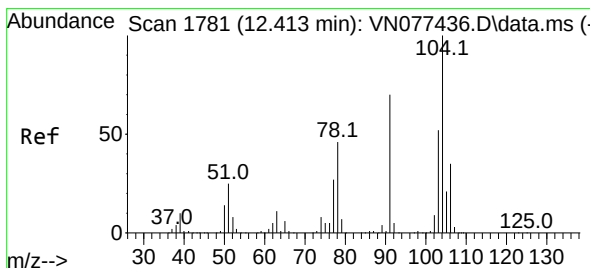
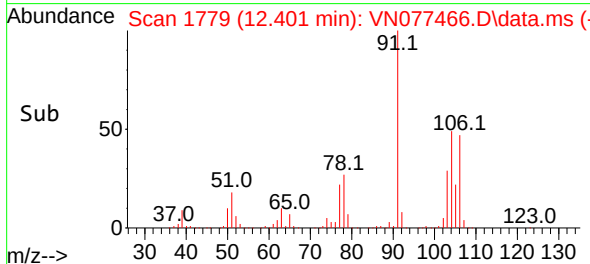
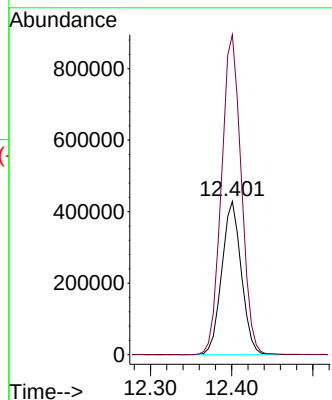
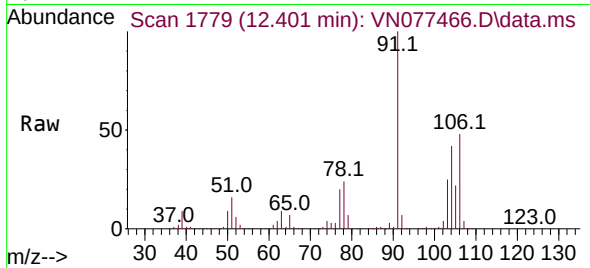
#69
o-Xylene
Concen: 47.055 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 71650
Ion Ratio Lower Upper
106 100
91 212.2 105.2 315.5

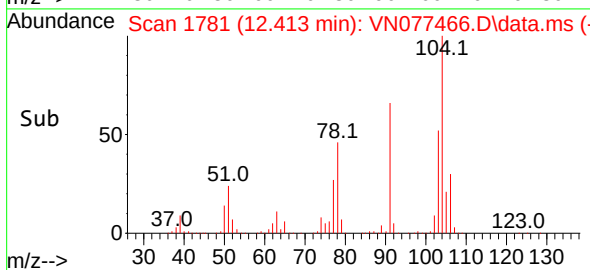
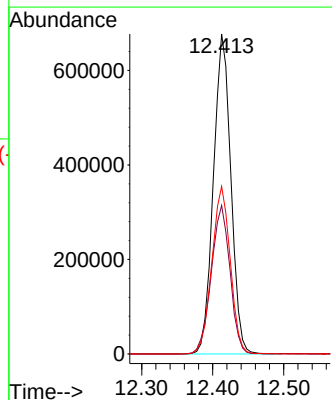
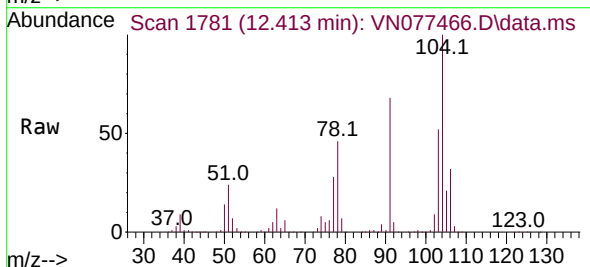
Manual Integrations
APPROVED

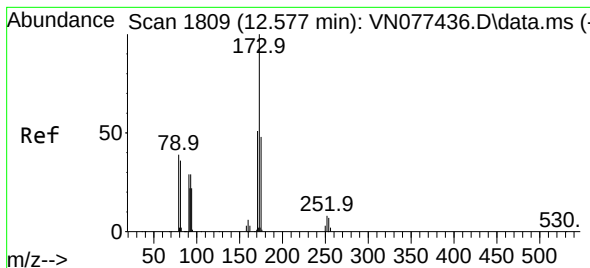
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#70
Styrene
Concen: 48.471 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Tgt Ion:104 Resp: 1154242
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 49.044 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

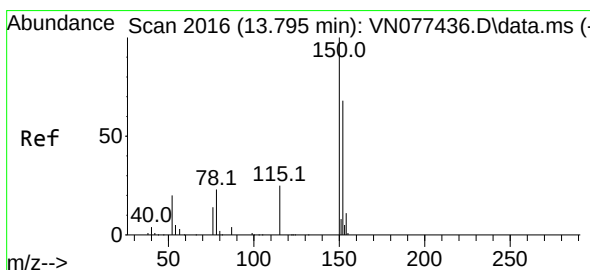
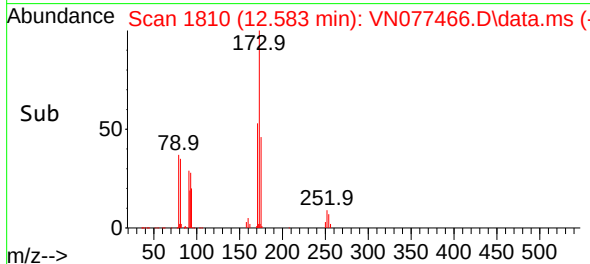
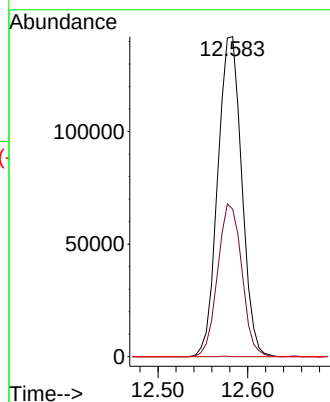
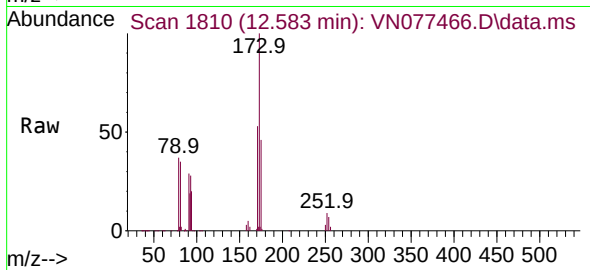
Tgt Ion:173 Resp: 264139
 Ion Ratio Lower Upper
 173 100
 175 47.9 24.3 73.0
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

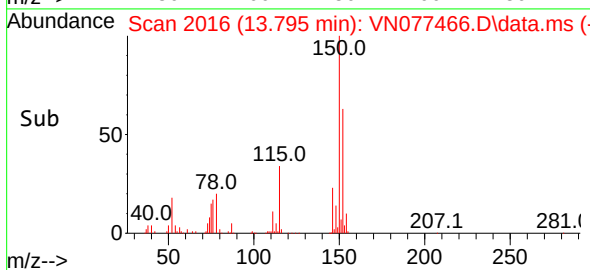
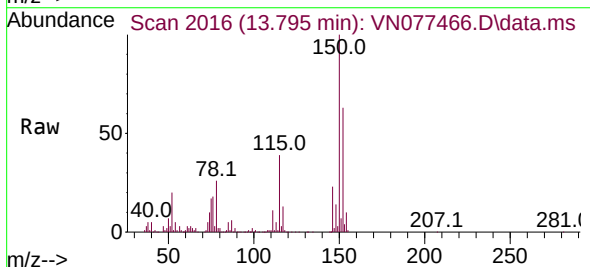
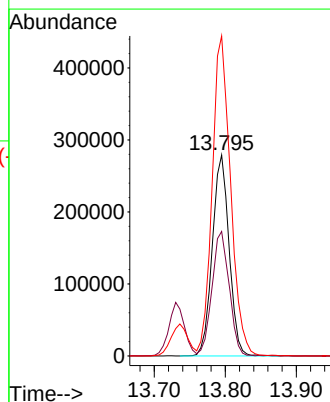
RT: 13.795 min Scan# 2016

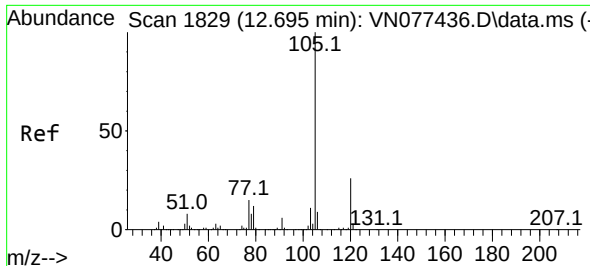
Delta R.T. -0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

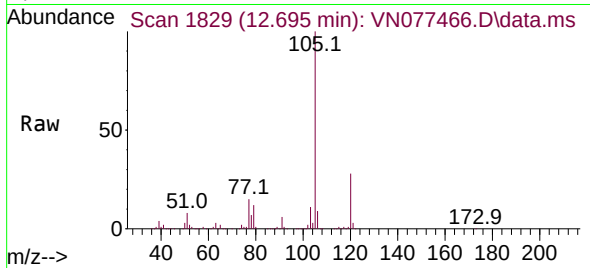
Tgt Ion:152 Resp: 456563
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 174.9 0.0 355.8





#73
Isopropylbenzene
Concen: 43.797 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

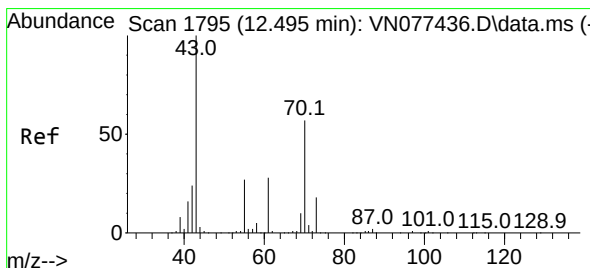
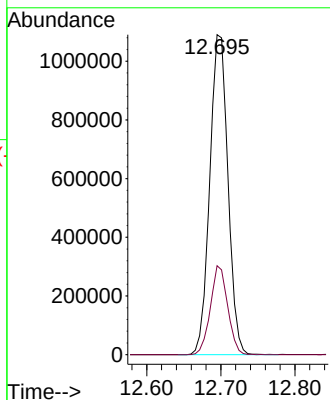
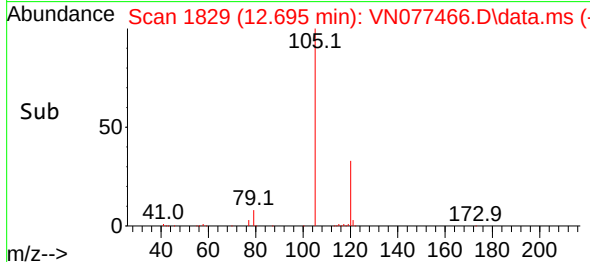
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



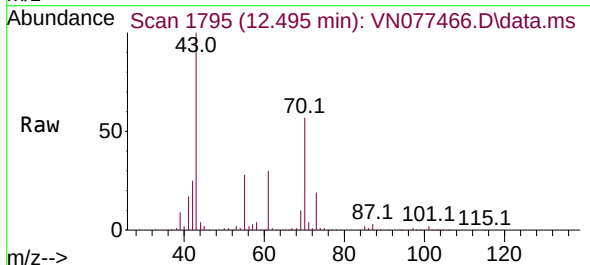
Tgt Ion:105 Resp: 185553
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

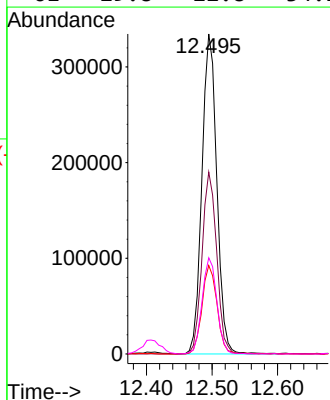
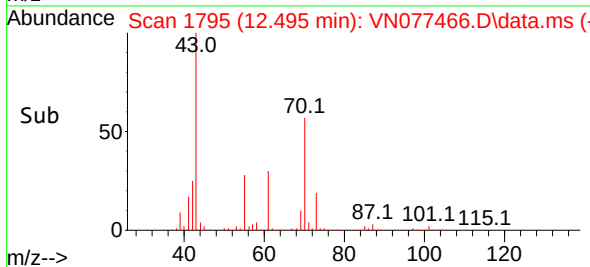
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

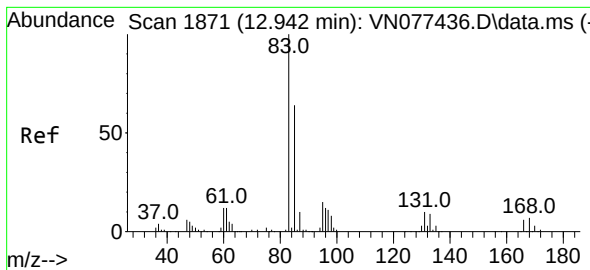


#74
N-ethyl acetate
Concen: 42.269 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



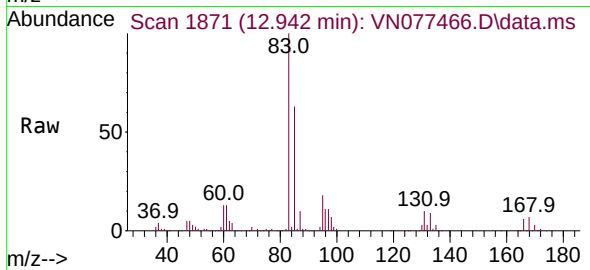
Tgt Ion: 43 Resp: 530182
Ion Ratio Lower Upper
43 100
70 55.9 43.4 65.2
55 27.7 21.4 32.0
61 29.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.210 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

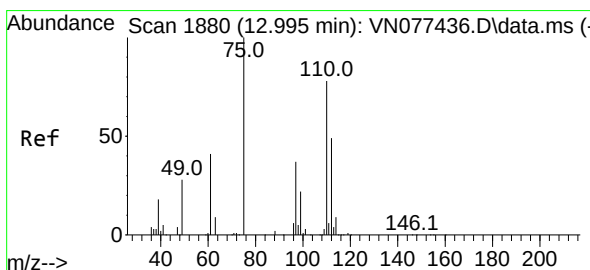
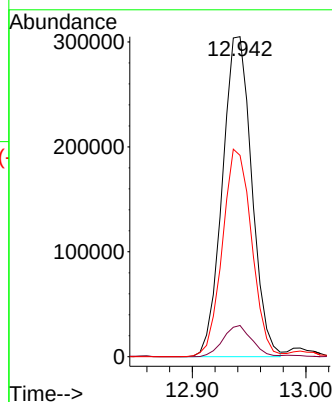
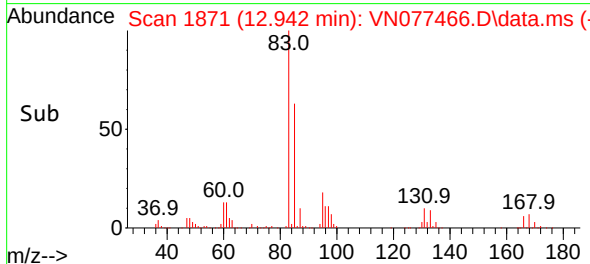
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



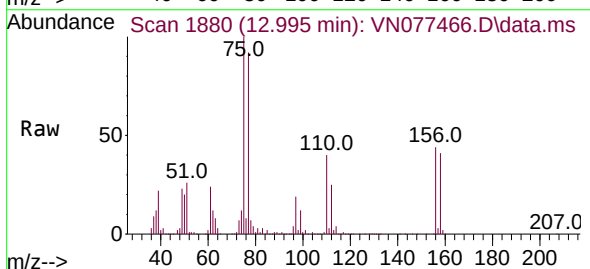
Tgt Ion: 83 Resp: 54858
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 64.5 31.9 95.7

Manual Integrations
APPROVED

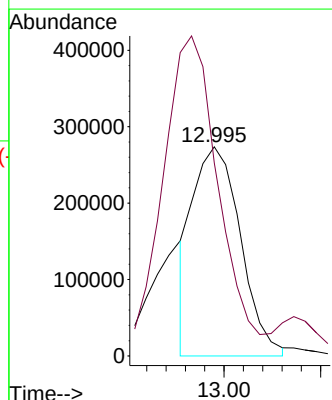
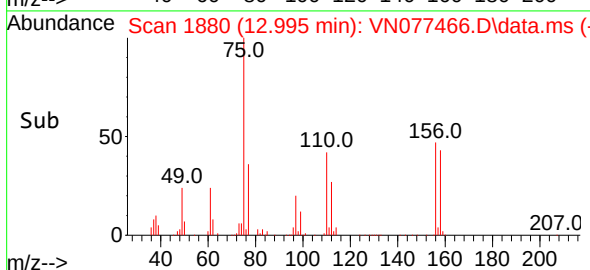
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

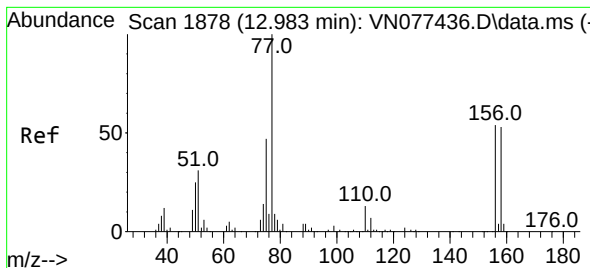


#76
1,2,3-Trichloropropane
Concen: 44.289 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



Tgt Ion: 75 Resp: 470212
Ion Ratio Lower Upper
75 100
77 179.0 84.5 253.5





#77

Bromobenzene

Concen: 42.549 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077466.D

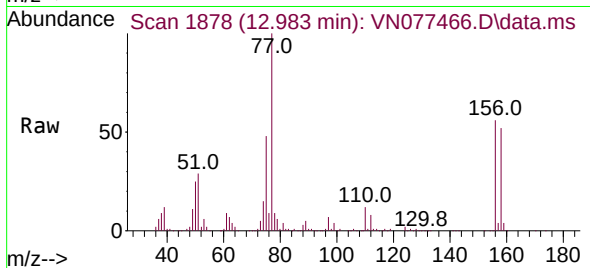
Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 392870

Ion Ratio Lower Upper

156 100

77 214.2 107.7 323.3

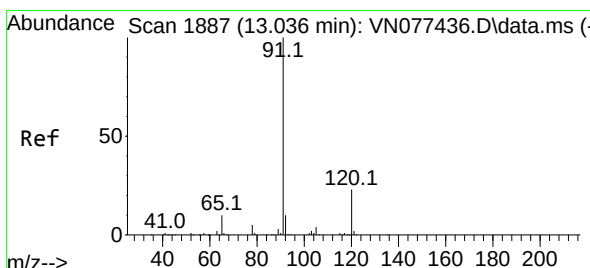
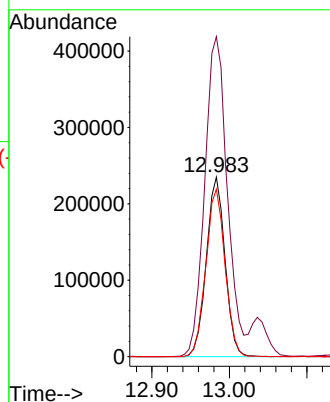
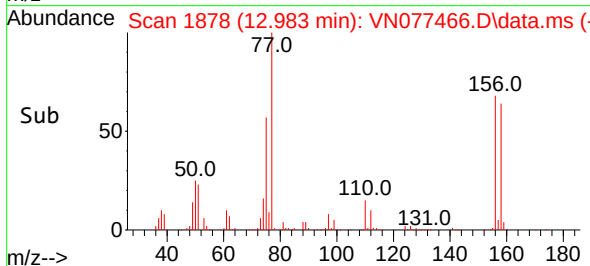
158 96.3 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#78

n-propylbenzene

Concen: 44.918 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.000 min

Lab File: VN077466.D

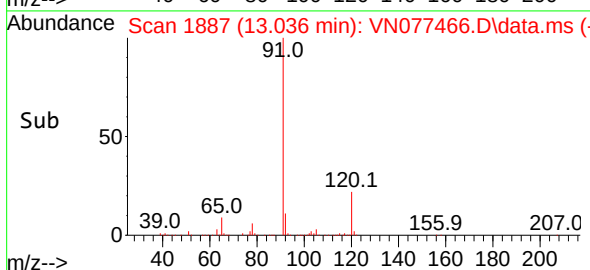
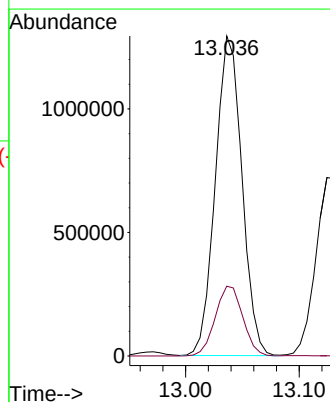
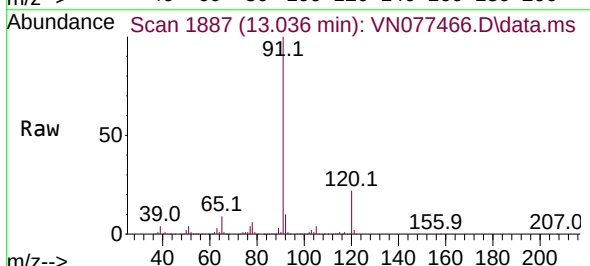
Acq: 25 Apr 2023 12:31

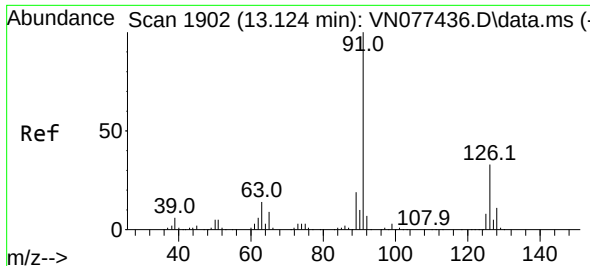
Tgt Ion: 91 Resp: 2104203

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





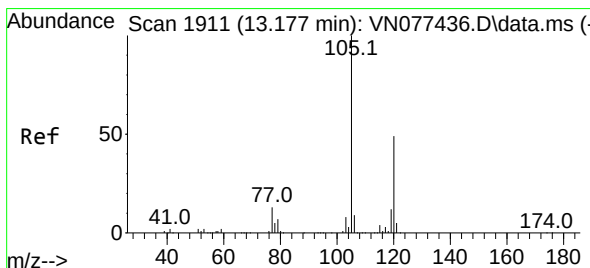
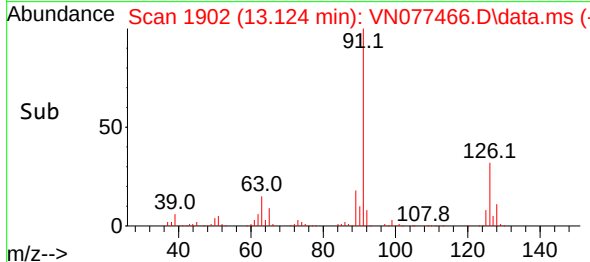
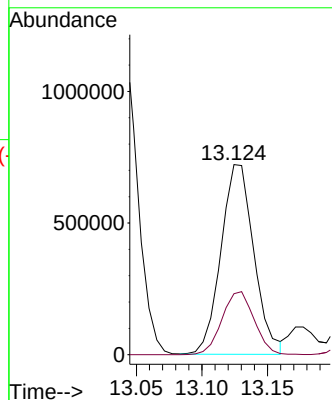
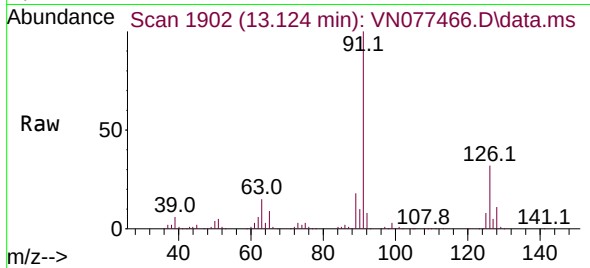
#79
2-Chlorotoluene
Concen: 43.665 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1261158
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

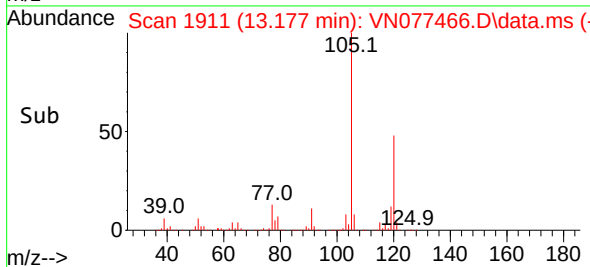
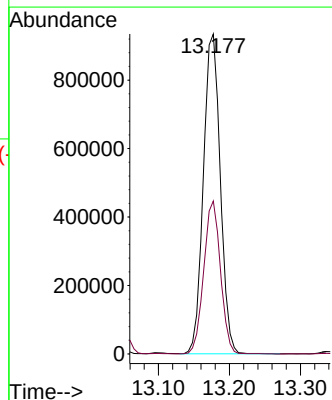
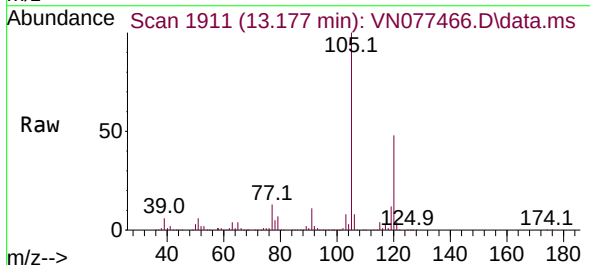
Manual Integrations
APPROVED

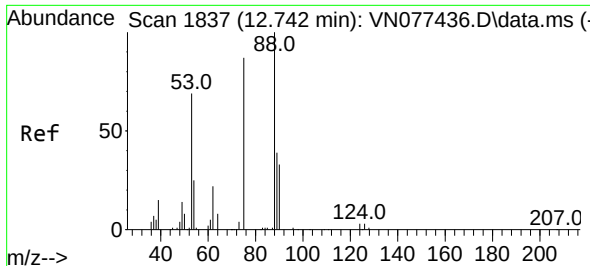
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.301 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

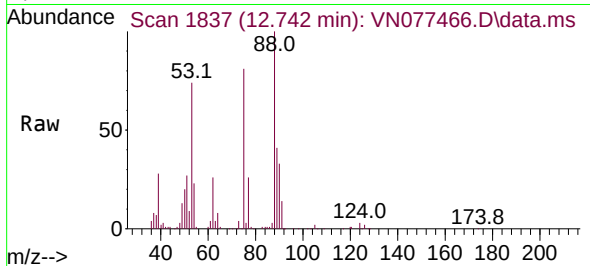
Tgt Ion:105 Resp: 1551159
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 40.540 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

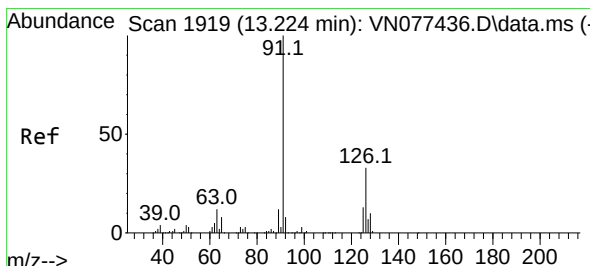
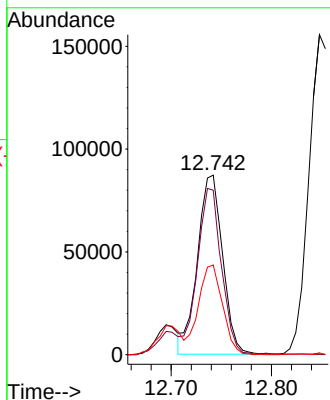
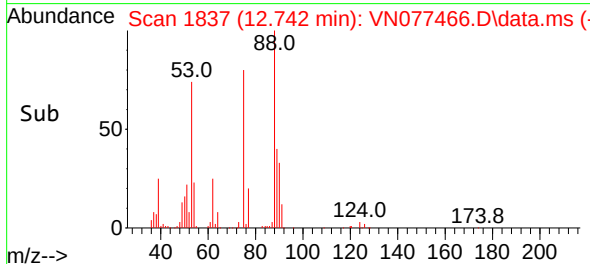
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



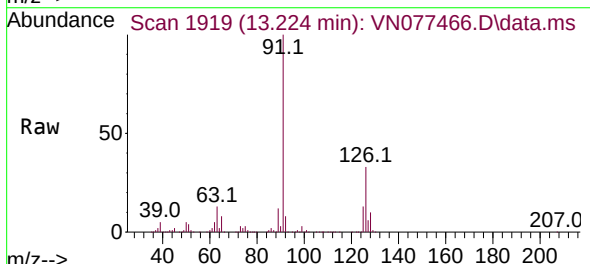
Tgt Ion: 75 Resp: 152348
Ion Ratio Lower Upper
75 100
53 90.0 67.4 101.2
89 48.1 38.8 58.2

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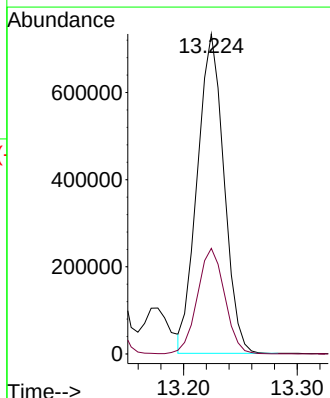
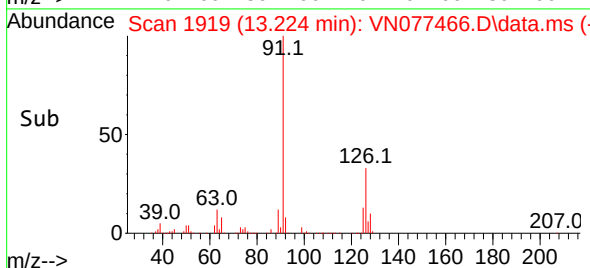
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

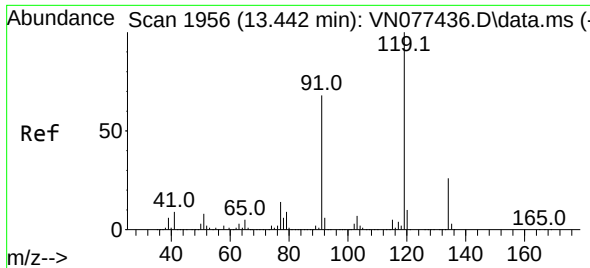


#82
4-Chlorotoluene
Concen: 44.350 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



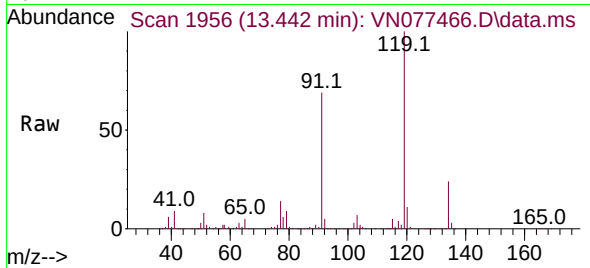
Tgt Ion: 91 Resp: 1196968
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 43.632 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

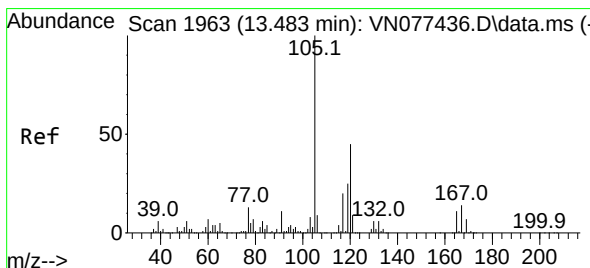
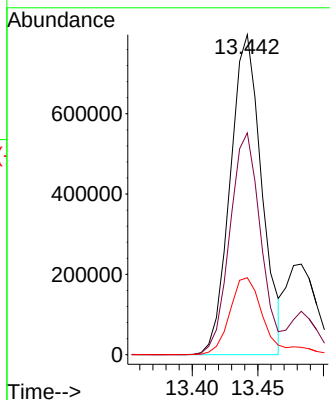
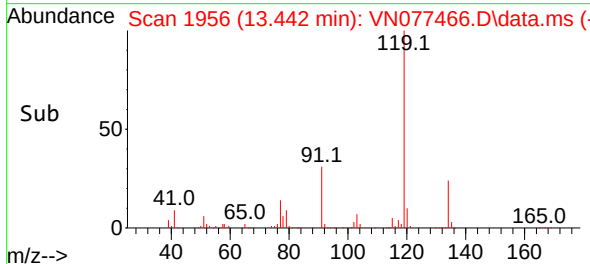
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



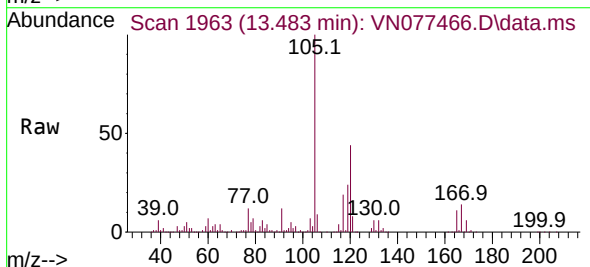
Tgt Ion:119 Resp: 1333150
Ion Ratio Lower Upper
119 100
91 69.1 33.9 101.7
134 26.4 13.2 39.6

Manual Integrations
APPROVED

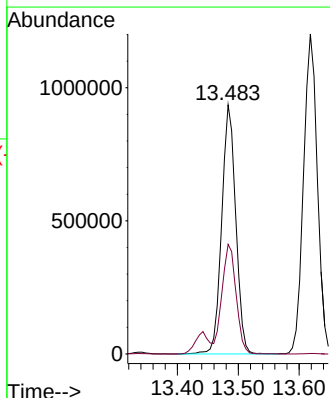
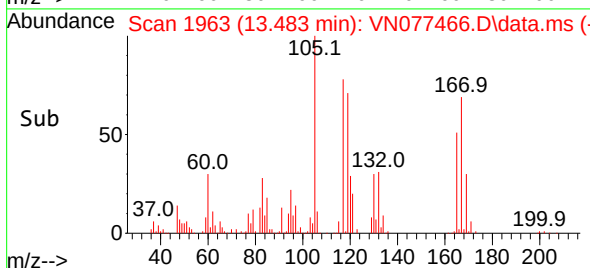
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

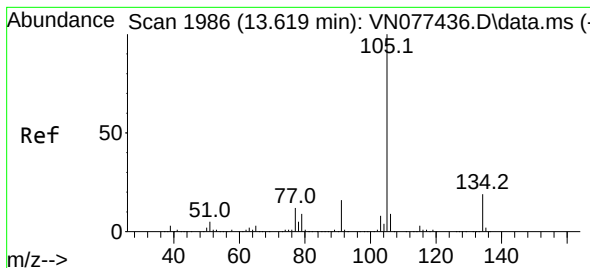


#84
1,2,4-Trimethylbenzene
Concen: 51.027 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



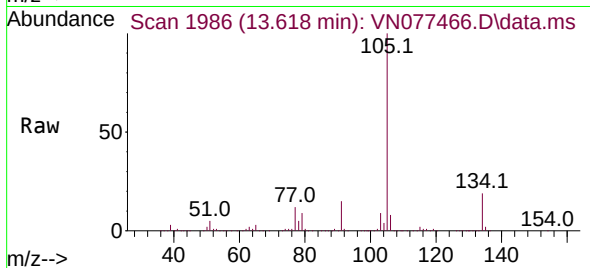
Tgt Ion:105 Resp: 1499370
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 45.234 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077466.D
 Acq: 25 Apr 2023 12:31

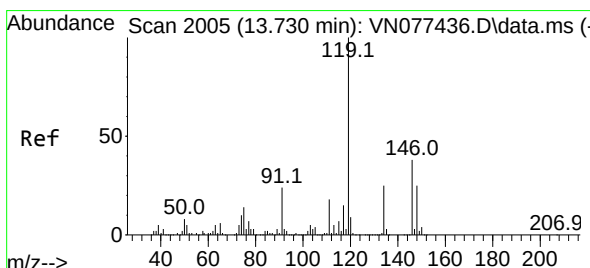
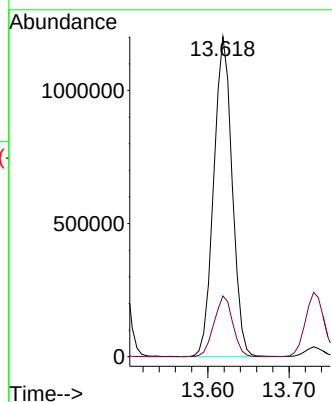
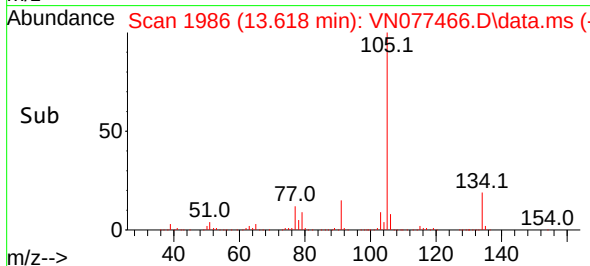
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



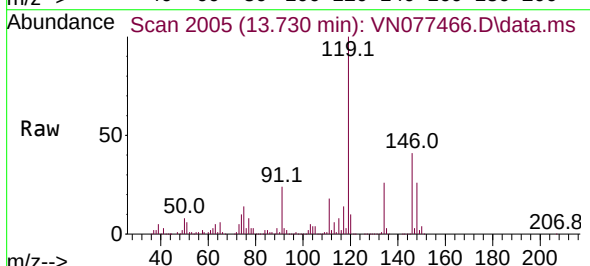
Tgt Ion:105 Resp: 1897059
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

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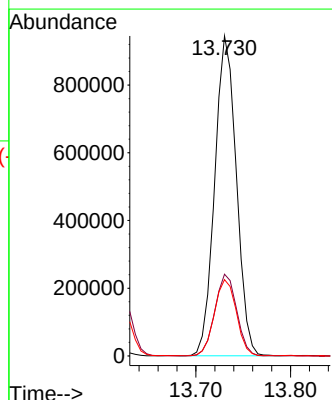
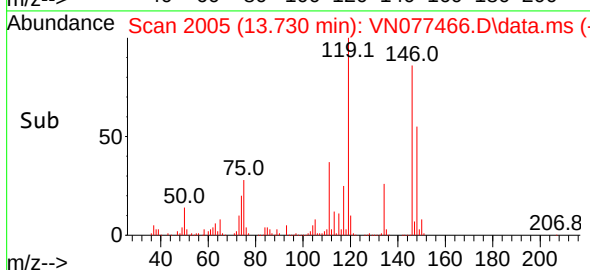
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

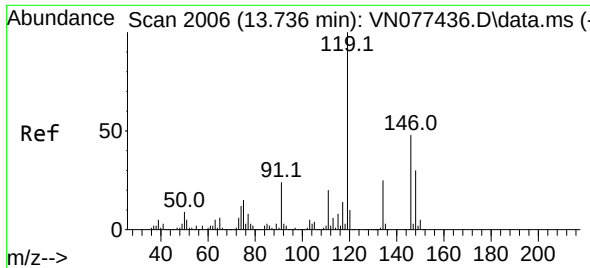


#86
 p-Isopropyltoluene
 Concen: 46.480 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077466.D
 Acq: 25 Apr 2023 12:31



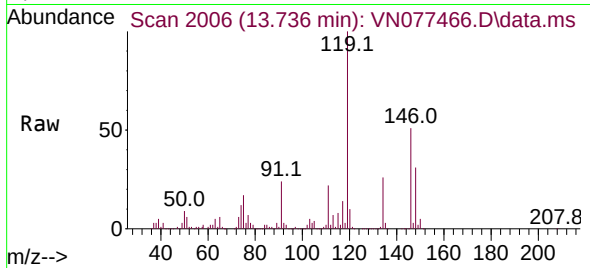
Tgt Ion:119 Resp: 1499824
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 44.016 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

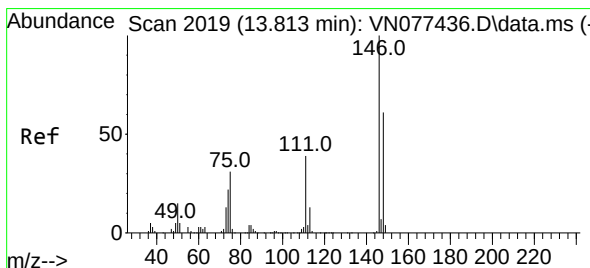
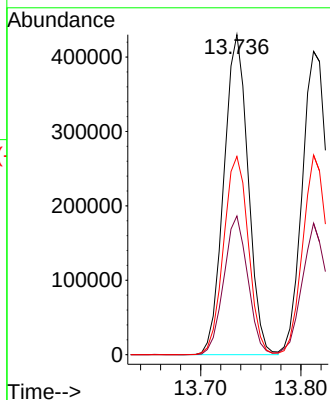
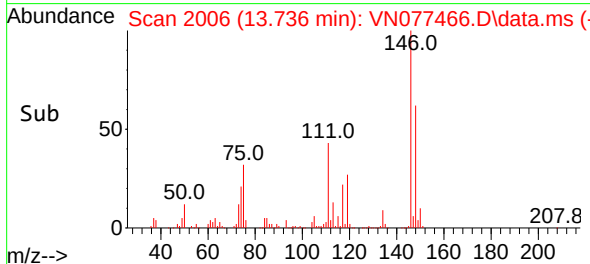
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 722800
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 63.1 32.0 96.0

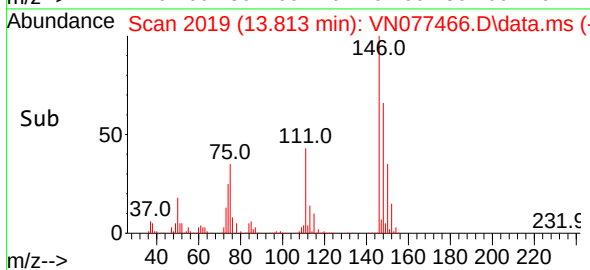
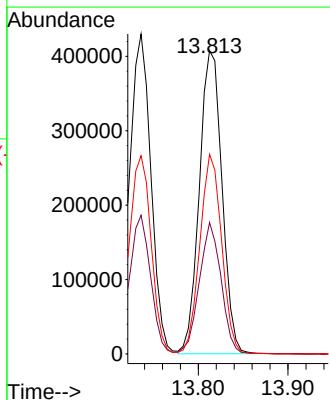
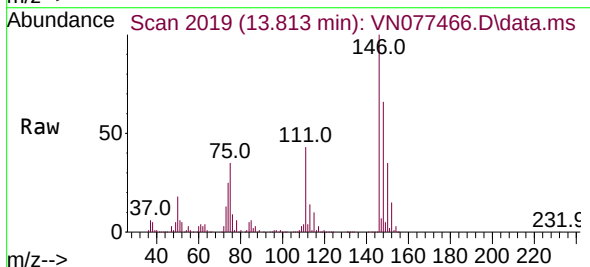
Manual Integrations
APPROVED

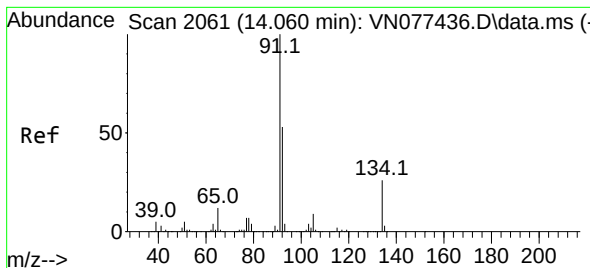
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#88
1,4-Dichlorobenzene
Concen: 44.025 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

Tgt Ion:146 Resp: 713814
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.8
148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 48.094 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1201019

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

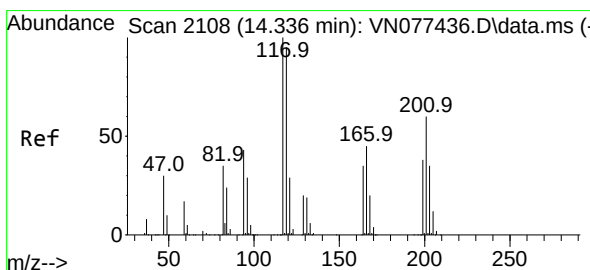
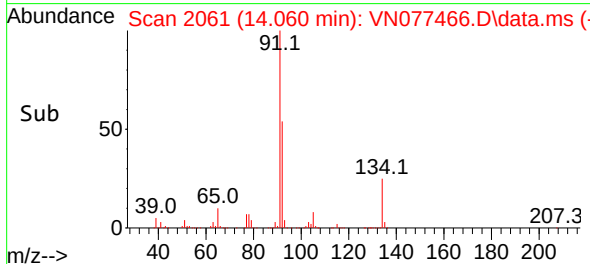
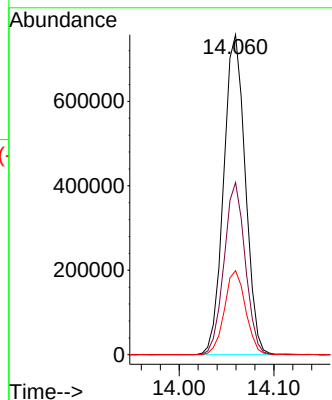
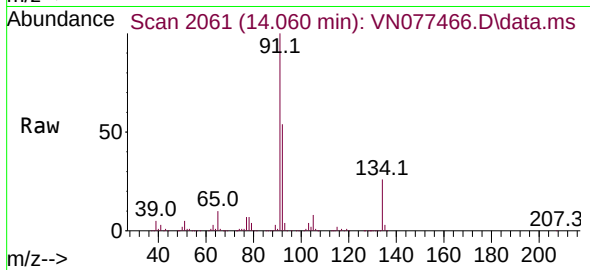
134 25.8 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#90

Hexachloroethane

Concen: 42.943 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077466.D

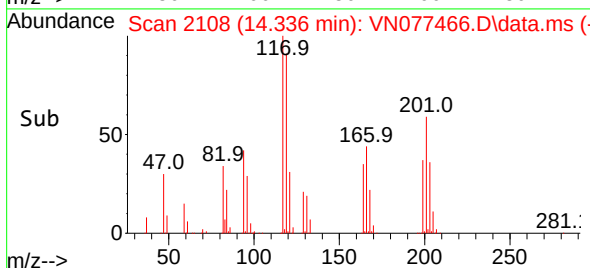
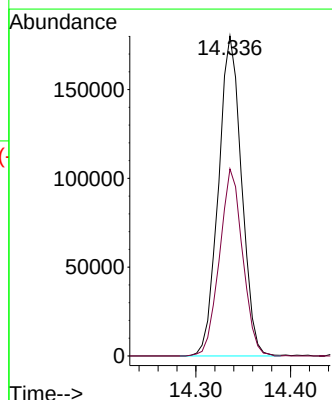
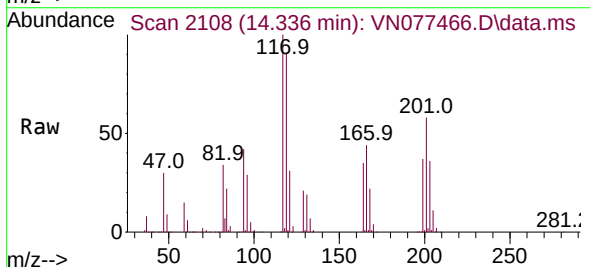
Acq: 25 Apr 2023 12:31

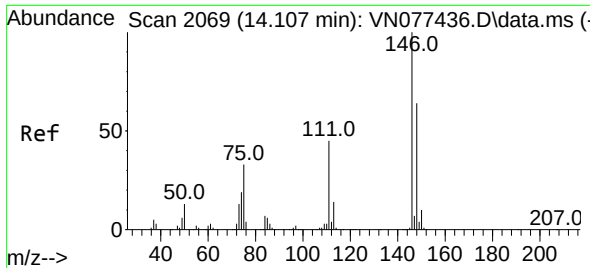
Tgt Ion:117 Resp: 306136

Ion Ratio Lower Upper

117 100

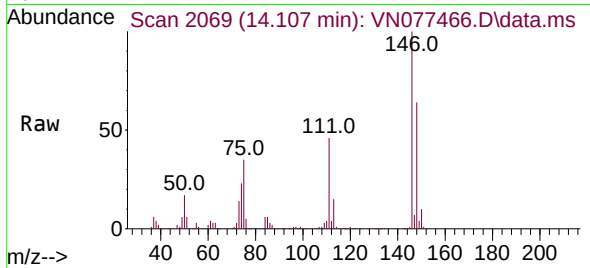
201 58.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 43.511 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31

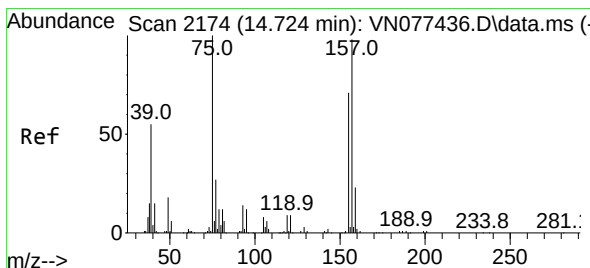
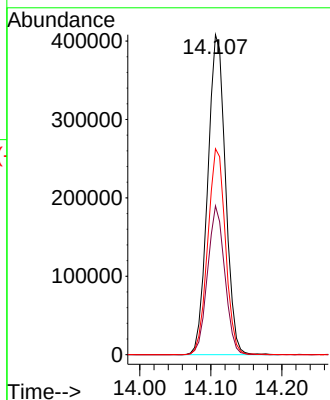
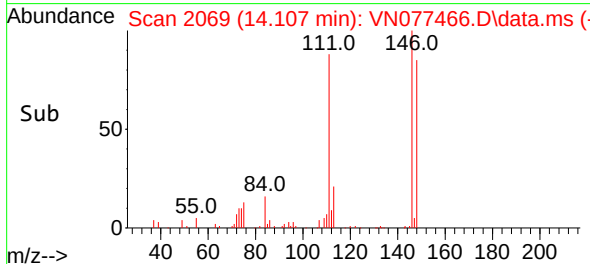
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



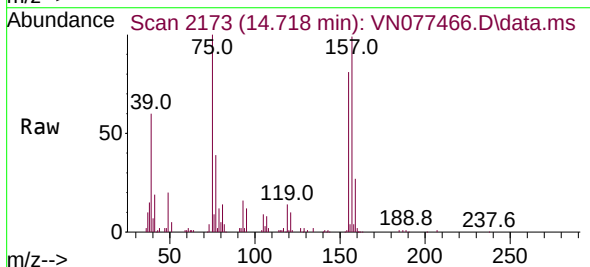
Tgt Ion:146 Resp: 70866
Ion Ratio Lower Upper
146 100
111 45.1 22.0 66.0
148 64.0 31.8 95.3

Manual Integrations
APPROVED

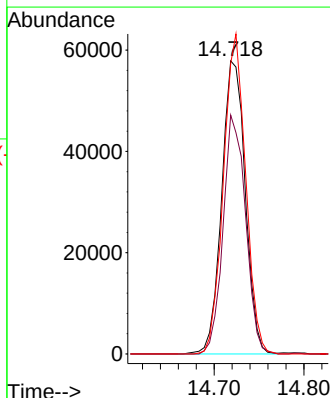
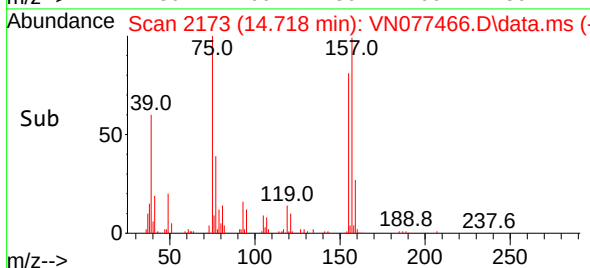
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

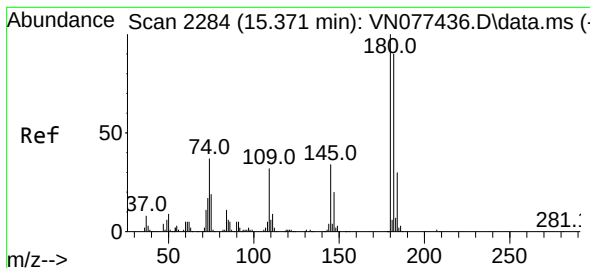


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.884 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077466.D
Acq: 25 Apr 2023 12:31



Tgt Ion: 75 Resp: 105566
Ion Ratio Lower Upper
75 100
155 77.5 39.1 117.2
157 102.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.636 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 230450

Ion Ratio Lower Upper

180 100

182 94.5 46.1 138.2

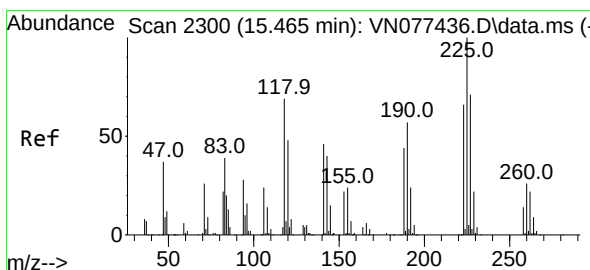
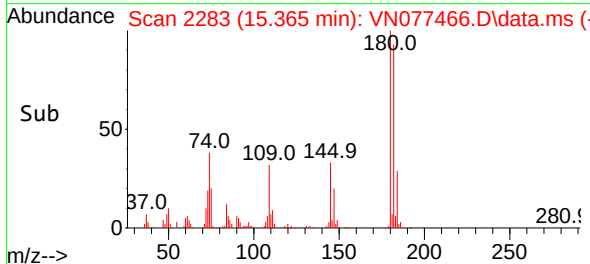
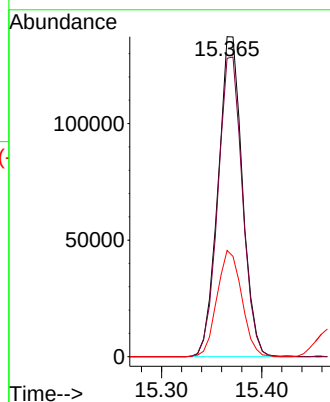
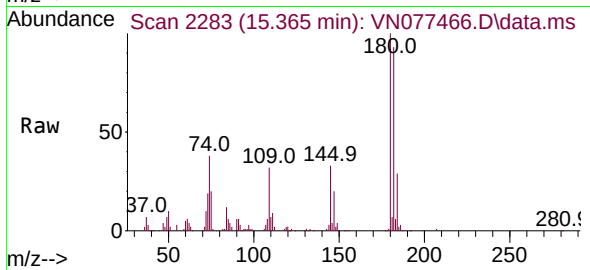
145 33.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#94

Hexachlorobutadiene

Concen: 40.591 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

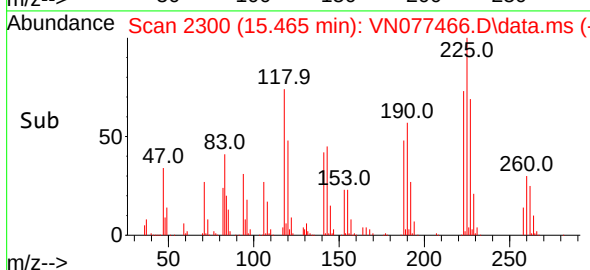
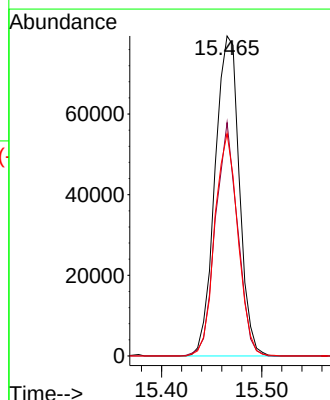
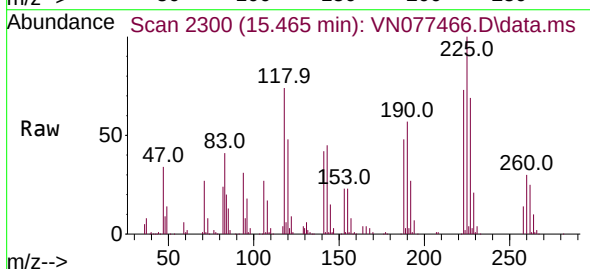
Tgt Ion:225 Resp: 133592

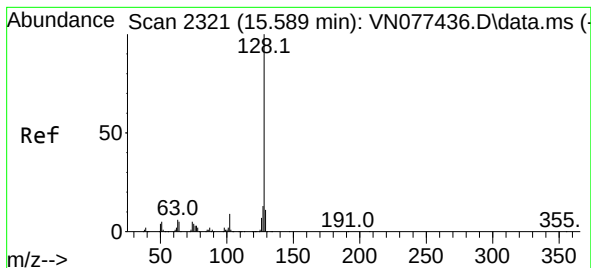
Ion Ratio Lower Upper

225 100

223 66.6 31.3 93.8

227 66.3 31.9 95.9





#95

Naphthalene

Concen: 47.527 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 925364

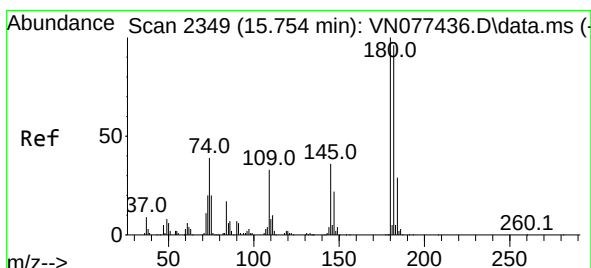
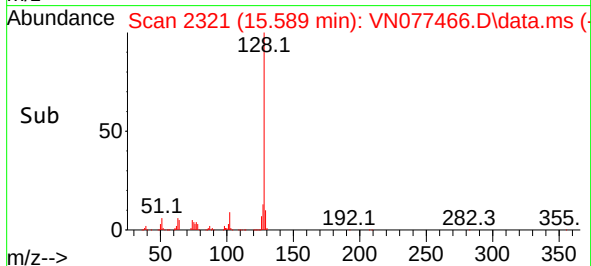
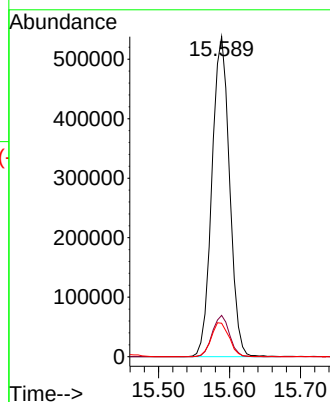
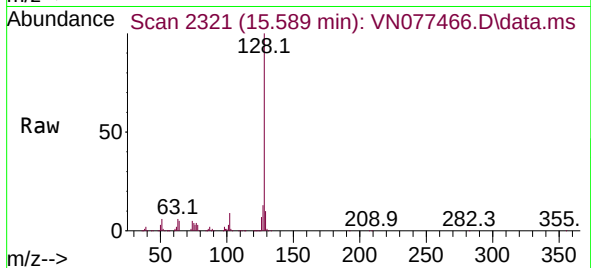
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#96

1,2,3-Trichlorobenzene

Concen: 45.055 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077466.D

Acq: 25 Apr 2023 12:31

Tgt Ion:180 Resp: 211838

Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.2	138.6
145	36.2	17.5	52.6

