

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077468.D
 Acq On : 25 Apr 2023 13:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 04:16:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	552317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1089357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	996135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	420703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	425807	59.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.160%			
35) Dibromofluoromethane	8.172	113	357324	54.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.140%			
50) Toluene-d8	10.572	98	1373255	54.725	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.440%			
62) 4-Bromofluorobenzene	12.854	95	490840	59.785	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	285430	40.542	ug/l	99
3) Chloromethane	2.372	50	243404	43.964	ug/l	98
4) Vinyl Chloride	2.525	62	333449	45.211	ug/l	97
5) Bromomethane	2.943	94	291269	45.591	ug/l	100
6) Chloroethane	3.125	64	242565	43.290	ug/l	98
7) Trichlorofluoromethane	3.501	101	478557	44.146	ug/l	99
8) Diethyl Ether	3.972	74	197315	50.091	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	269370	42.727	ug/l	99
10) Methyl Iodide	4.601	142	371405	47.952	ug/l	95
11) Tert butyl alcohol	5.531	59	280989	242.861	ug/l	99
12) 1,1-Dichloroethene	4.348	96	263116	42.688	ug/l	99
13) Acrolein	4.190	56	252153	219.079	ug/l	98
14) Allyl chloride	5.031	41	321556	46.924	ug/l	99
15) Acrylonitrile	5.725	53	675308	257.289	ug/l	100
16) Acetone	4.437	43	487373	212.560	ug/l	97
17) Carbon Disulfide	4.719	76	660211	42.153	ug/l	100
18) Methyl Acetate	5.037	43	438755	49.552	ug/l	98
19) Methyl tert-butyl Ether	5.801	73	1068578	52.130	ug/l	97
20) Methylene Chloride	5.290	84	344432	47.368	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	308297	46.256	ug/l	98
22) Diisopropyl ether	6.684	45	788748	50.151	ug/l	97
23) Vinyl Acetate	6.613	43	2451031	249.542	ug/l	97
24) 1,1-Dichloroethane	6.578	63	543321	48.804	ug/l	99
25) 2-Butanone	7.489	43	807000	248.150	ug/l	97
26) 2,2-Dichloropropane	7.495	77	334369	30.975	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	379269	48.048	ug/l	96
28) Bromochloromethane	7.819	49	212735	50.039	ug/l	98
29) Tetrahydrofuran	7.842	42	521039	255.714	ug/l	99
30) Chloroform	7.972	83	629677	50.188	ug/l	94
31) Cyclohexane	8.260	56	418620	41.003	ug/l	92
32) 1,1,1-Trichloroethane	8.172	97	550459	47.722	ug/l	99
36) 1,1-Dichloropropene	8.378	75	417014	44.085	ug/l	99
37) Ethyl Acetate	7.566	43	328334	45.678	ug/l	99
38) Carbon Tetrachloride	8.366	117	465093	44.563	ug/l	100
39) Methylcyclohexane	9.601	83	522414	41.918	ug/l	98
40) Benzene	8.607	78	1337500	46.414	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	171678	45.857	ug/l	92
42) 1,2-Dichloroethane	8.672	62	489680	49.475	ug/l	100
43) Isopropyl Acetate	8.695	43	624777	50.243	ug/l	99
44) Trichloroethene	9.354	130	341252	46.251	ug/l	99
45) 1,2-Dichloropropane	9.625	63	312805	46.340	ug/l	95
46) Dibromomethane	9.713	93	262608	47.946	ug/l	98
47) Bromodichloromethane	9.889	83	519267	49.012	ug/l	97
48) Methyl methacrylate	9.683	41	266549	47.090	ug/l	97
49) 1,4-Dioxane	9.695	88	137641	969.431	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1762731	241.676	ug/l	100
52) Toluene	10.630	92	904427	47.909	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	516173	48.115	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	545654	46.728	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	369073	48.618	ug/l	99
56) Ethyl methacrylate	10.877	69	535151	50.310	ug/l	99
57) 1,3-Dichloropropane	11.166	76	609110	50.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	937197	260.488	ug/l	98
59) 2-Hexanone	11.195	43	1286811	242.713	ug/l	100
60) Dibromochloromethane	11.360	129	394960	50.132	ug/l	98
61) 1,2-Dibromoethane	11.471	107	385296	49.714	ug/l	99
64) Tetrachloroethene	11.107	164	271933	45.604	ug/l	98
65) Chlorobenzene	11.895	112	972233	46.123	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	363073	47.342	ug/l	97
67) Ethyl Benzene	11.966	91	1716837	46.267	ug/l	99
68) m/p-Xylenes	12.071	106	1339948	92.911	ug/l	97
69) o-Xylene	12.401	106	677464	47.757	ug/l	99
70) Styrene	12.413	104	1097639	49.478	ug/l	99
71) Bromoform	12.577	173	253263	50.477	ug/l #	100
73) Isopropylbenzene	12.701	105	1727296	44.245	ug/l	100
74) N-amyl acetate	12.495	43	520454	45.030	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	534364	43.563	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	454538m	46.462	ug/l	
77) Bromobenzene	12.983	156	379668	44.623	ug/l	99
78) n-propylbenzene	13.036	91	1930148	44.715	ug/l	100
79) 2-Chlorotoluene	13.130	91	1187293	44.612	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1448945	49.978	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	145052	41.889	ug/l	97
82) 4-Chlorotoluene	13.224	91	1139849	45.834	ug/l	98
83) tert-Butylbenzene	13.442	119	1232822	43.787	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	1408630	52.025	ug/l	99
85) sec-Butylbenzene	13.618	105	1756262	45.446	ug/l	100
86) p-Isopropyltoluene	13.730	119	1393566	46.868	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	687859	45.459	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	686544	45.952	ug/l	100
89) n-Butylbenzene	14.060	91	1120318	48.687	ug/l	100
90) Hexachloroethane	14.336	117	281795	42.898	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	700824	46.698	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	103313	45.546	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	213434	45.804	ug/l	99
94) Hexachlorobutadiene	15.465	225	128035	42.218	ug/l	99
95) Naphthalene	15.589	128	860105	47.817	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	202434	46.255	ug/l	100

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

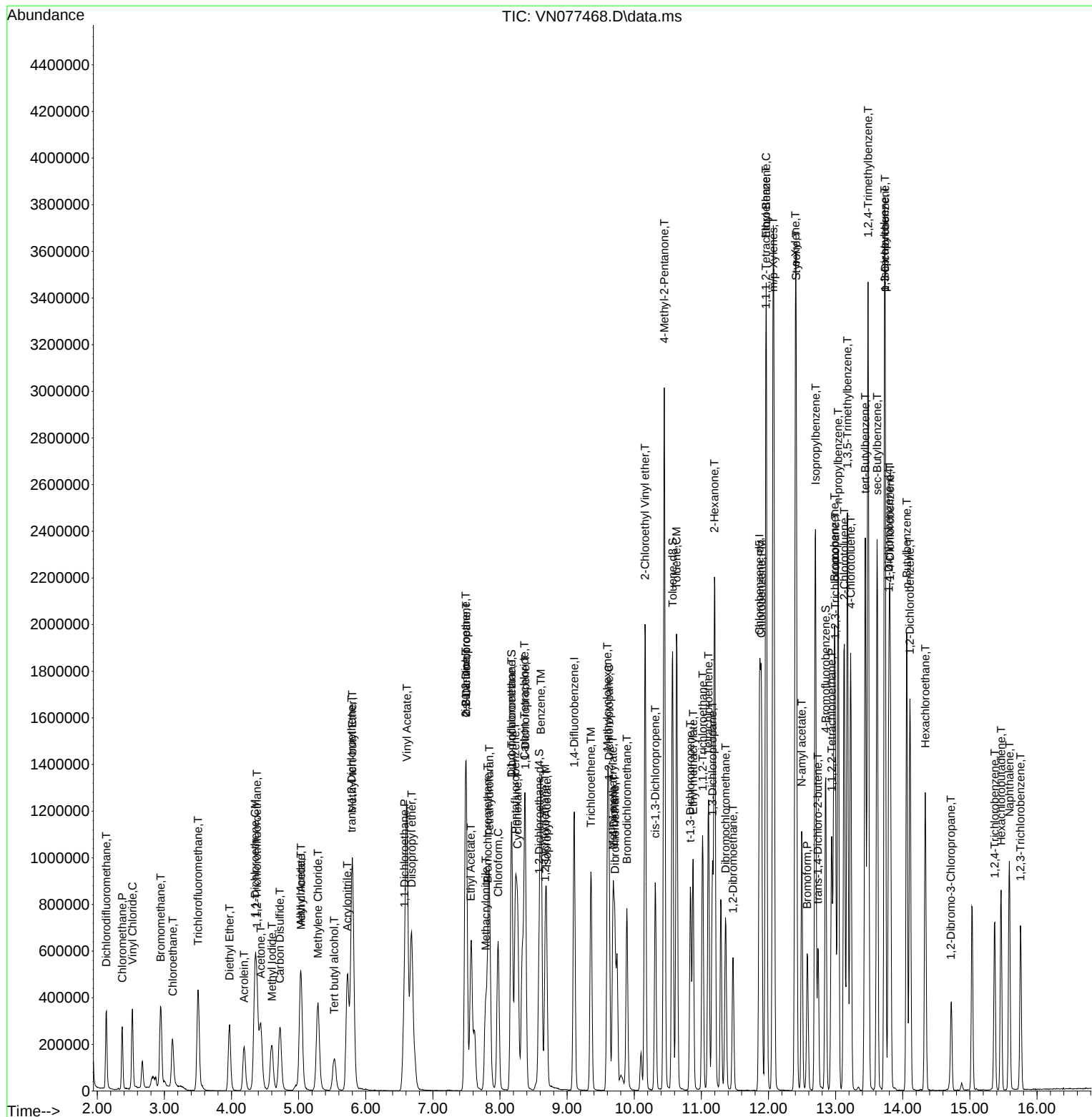
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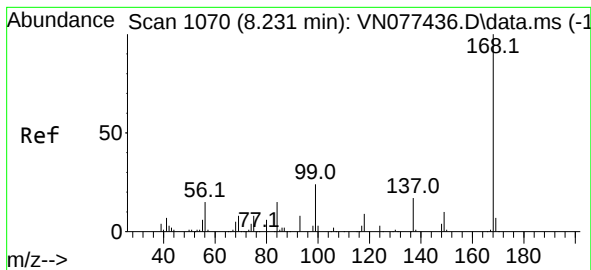
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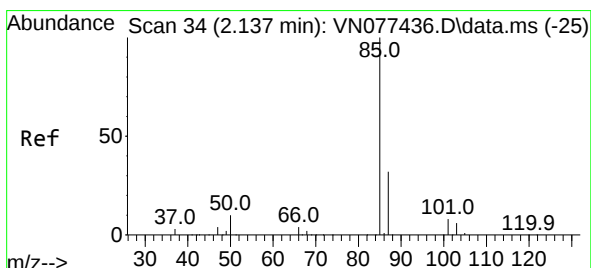
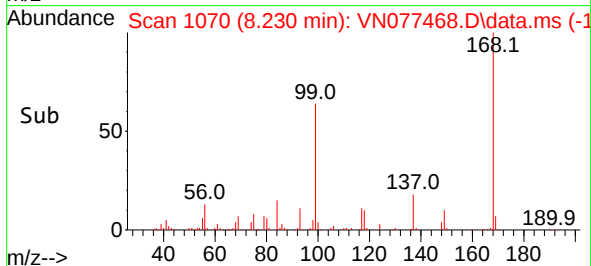
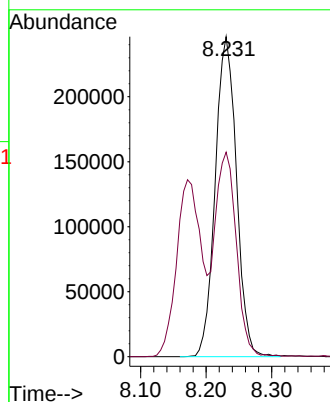
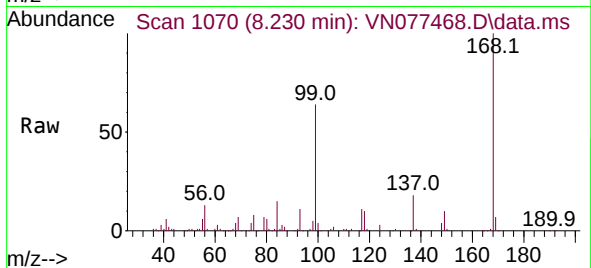
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077468.D
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Instrument :
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Tgt Ion:168 Resp: 55231
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6

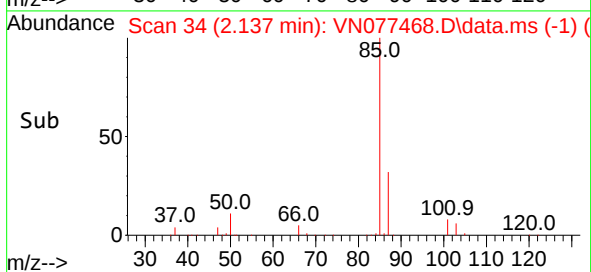
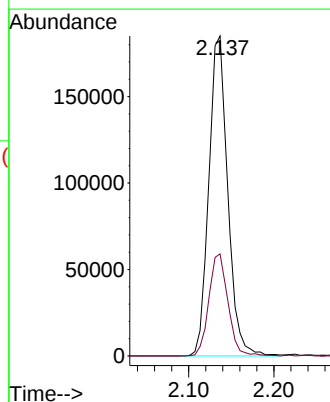
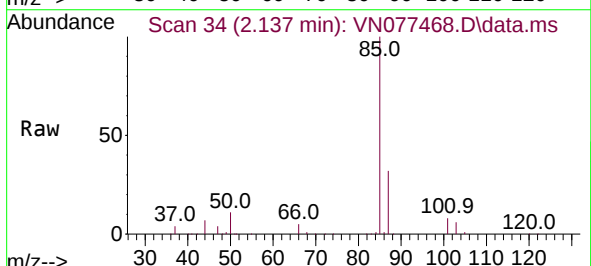
Manual Integrations
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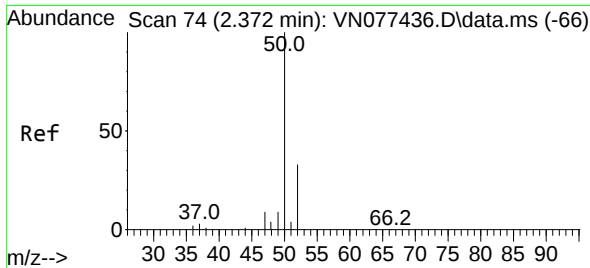
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#2
Dichlorodifluoromethane
Concen: 40.542 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077468.D
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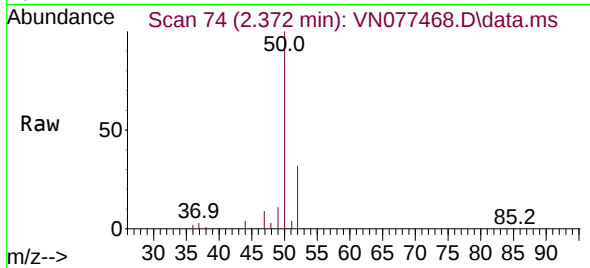
Tgt Ion: 85 Resp: 285430
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





#3
Chloromethane
Concen: 43.964 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

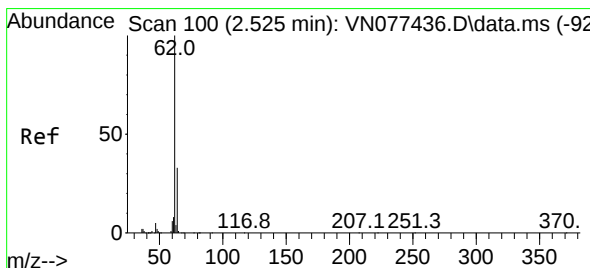
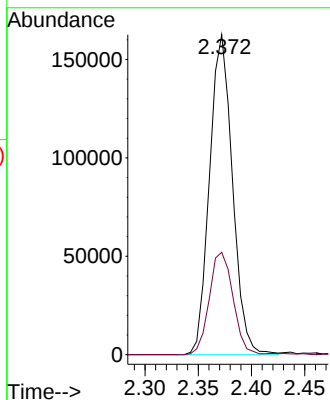
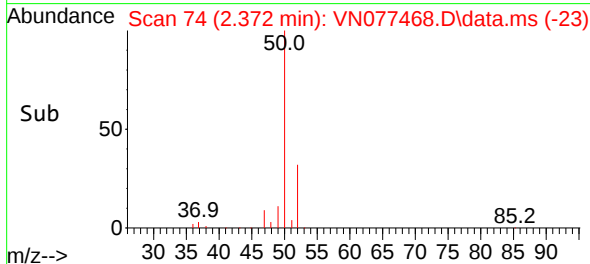
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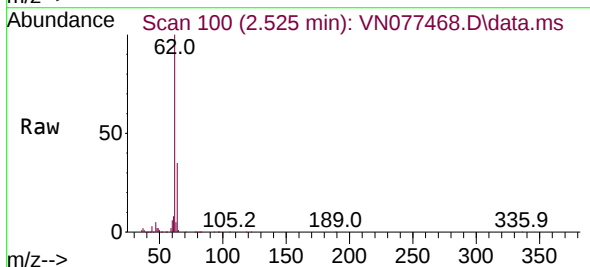
Tgt Ion: 50 Resp: 243404
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

Manual Integrations
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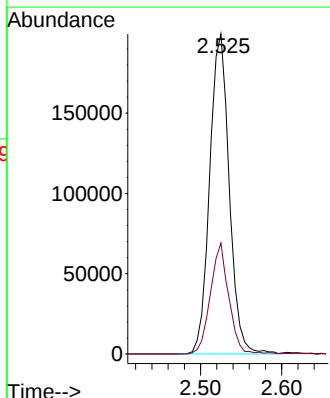
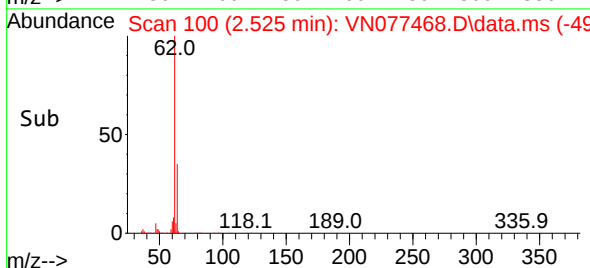
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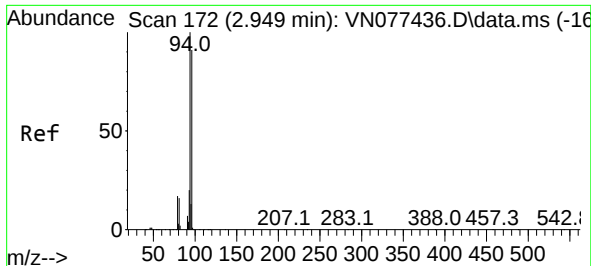


#4
Vinyl Chloride
Concen: 45.211 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



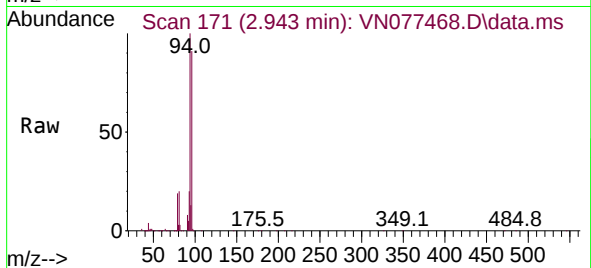
Tgt Ion: 62 Resp: 333449
Ion Ratio Lower Upper
62 100
64 34.7 26.2 39.2





#5
Bromomethane
Concen: 45.591 ug/l
RT: 2.943 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN077468.D
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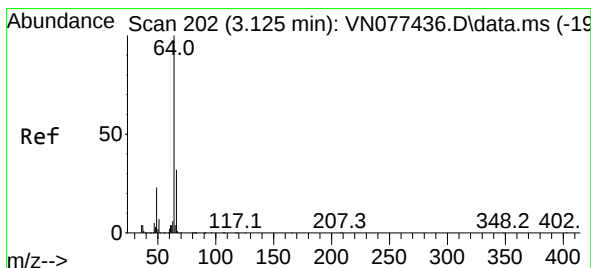
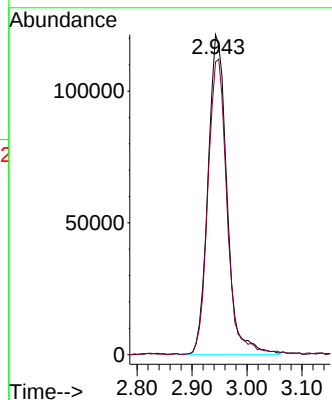
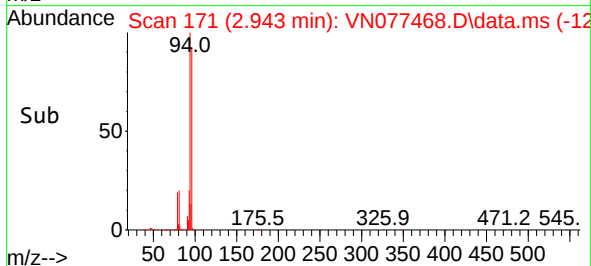
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Tgt Ion: 94 Resp: 291269
Ion Ratio Lower Upper
94 100
96 91.3 73.1 109.7

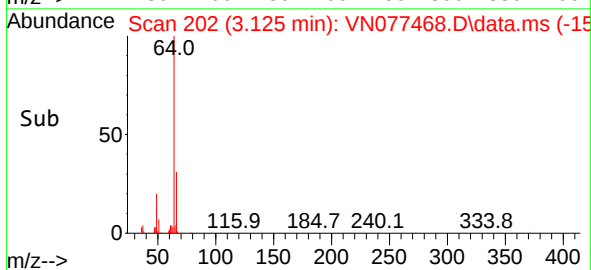
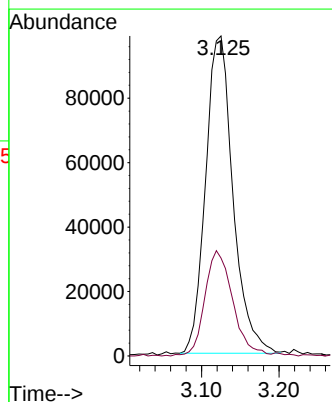
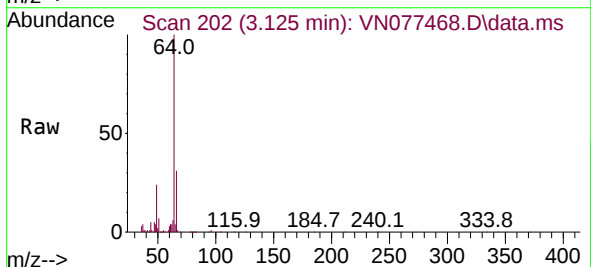
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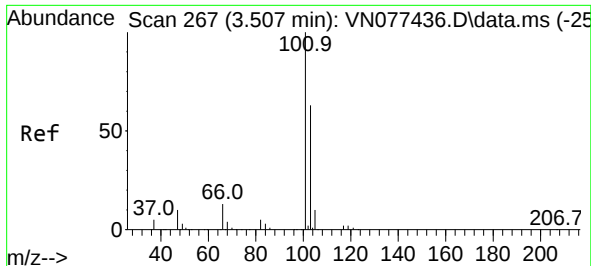
Reviewed By :John Carlone 04/26/2023
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#6
Chloroethane
Concen: 43.290 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

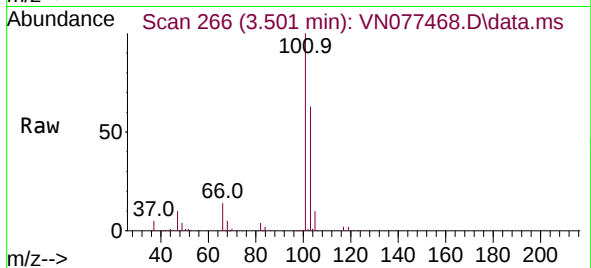
Tgt Ion: 64 Resp: 242565
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 44.146 ug/l
RT: 3.501 min Scan# 266
Delta R.T. -0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

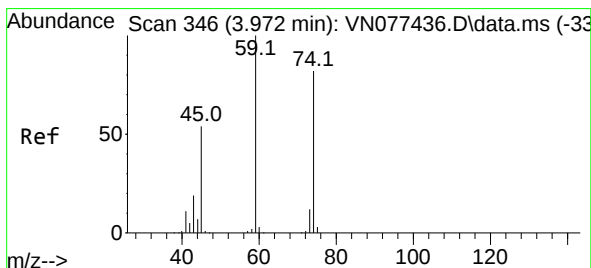
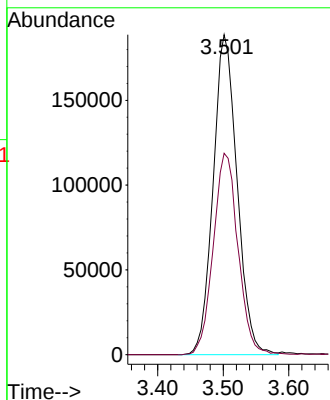
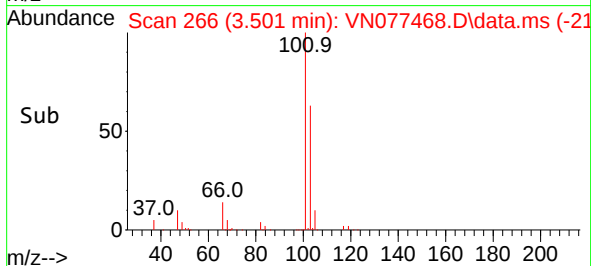
Instrument :
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Tgt Ion:101 Resp: 47855
Ion Ratio Lower Upper
101 100
103 62.9 50.7 76.1

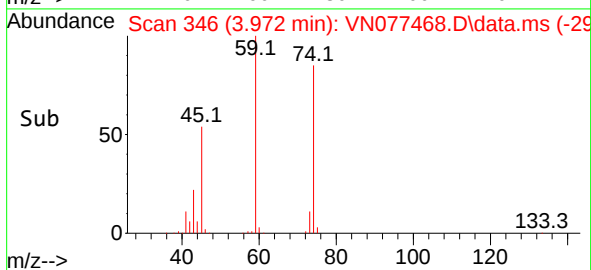
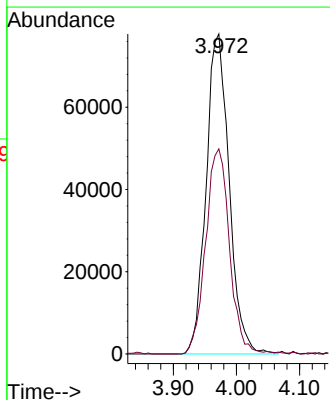
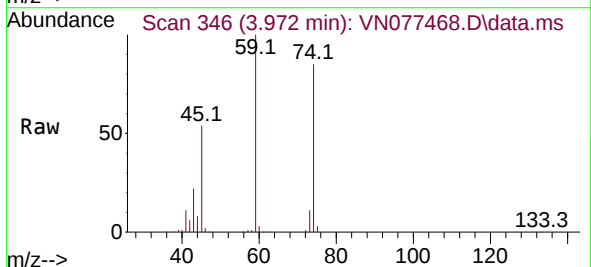
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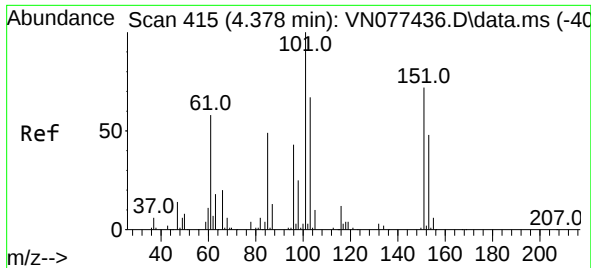
Reviewed By :John Carlone 04/26/2023
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#8
Diethyl Ether
Concen: 50.091 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 197315
Ion Ratio Lower Upper
74 100
45 66.5 34.4 103.3





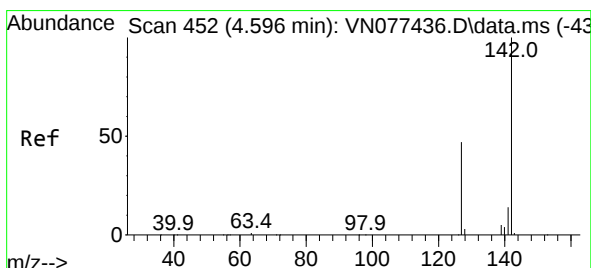
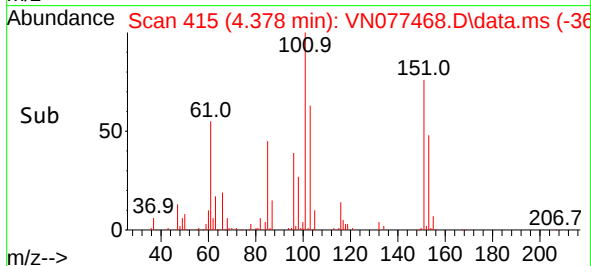
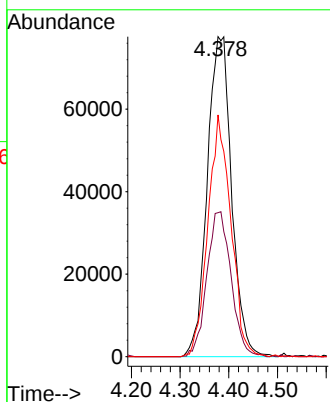
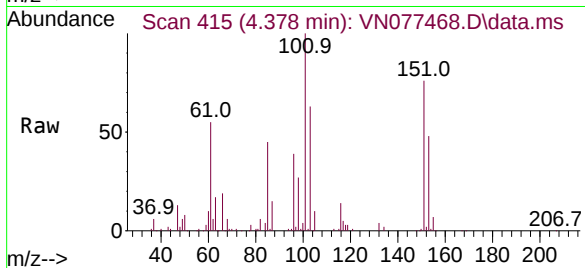
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.727 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 269370
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 71.3 57.6 86.4

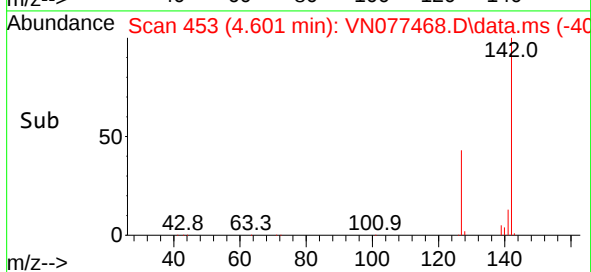
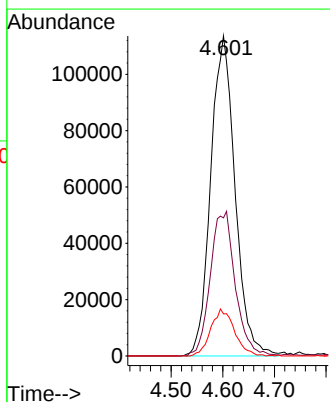
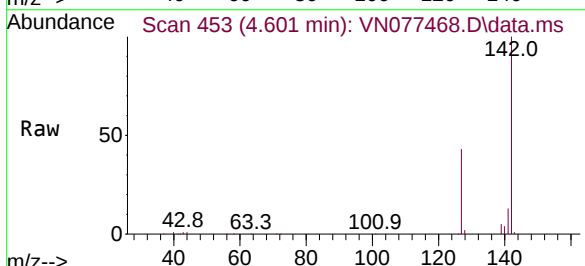
Manual Integrations
APPROVED

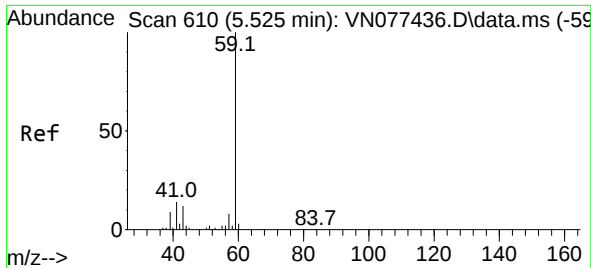
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#10
Methyl Iodide
Concen: 47.952 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

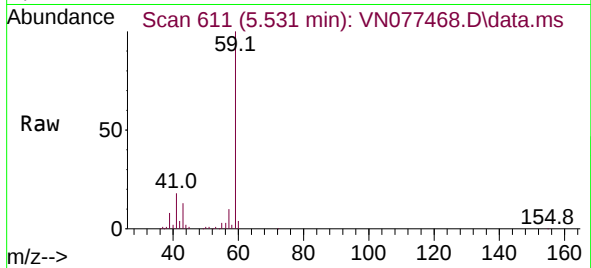
Tgt Ion:142 Resp: 371405
Ion Ratio Lower Upper
142 100
127 43.2 37.6 56.4
141 13.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 242.861 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

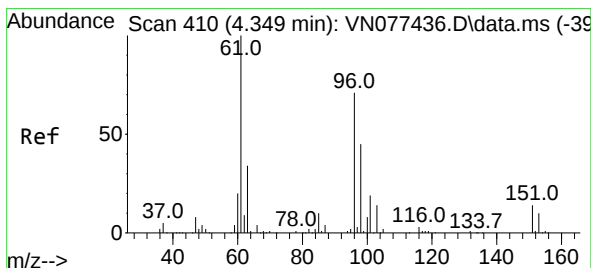
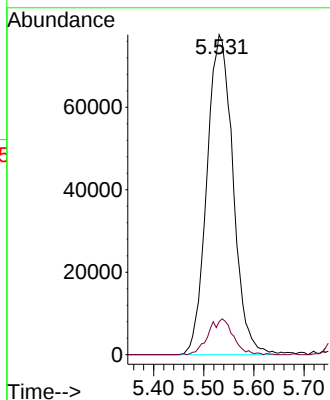
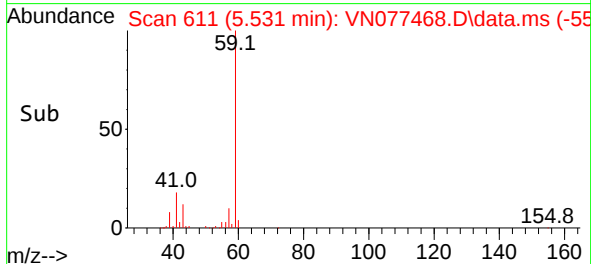
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



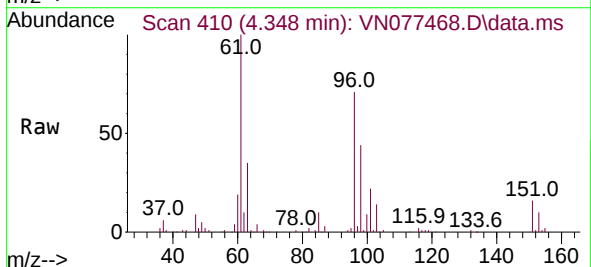
Tgt Ion: 59 Resp: 280989
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
APPROVED

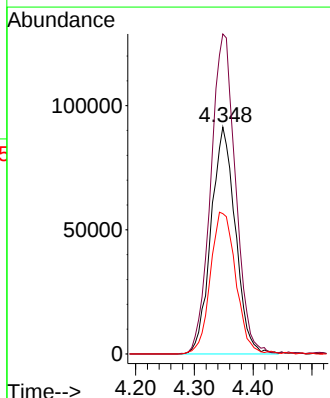
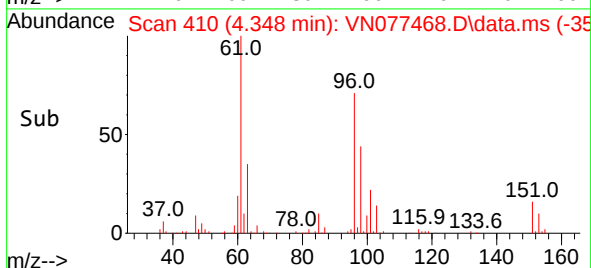
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

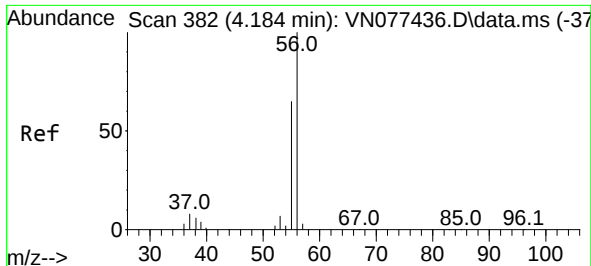


#12
1,1-Dichloroethene
Concen: 42.688 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



Tgt Ion: 96 Resp: 263116
Ion Ratio Lower Upper
96 100
61 141.0 112.7 169.1
98 61.8 51.2 76.8





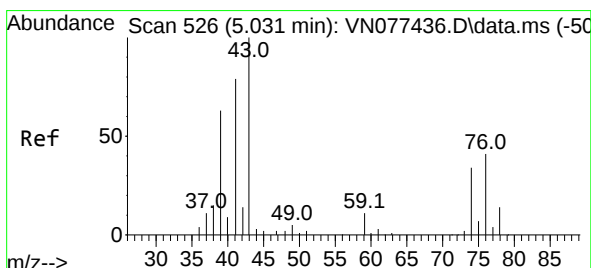
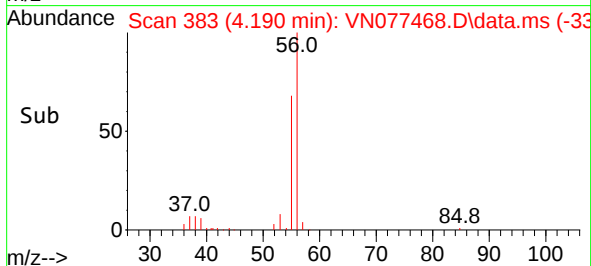
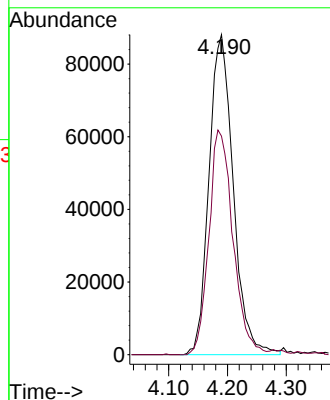
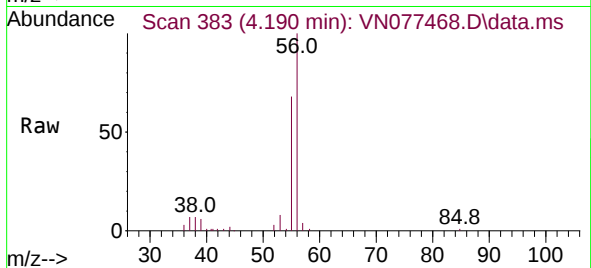
#13
Acrolein
Concen: 219.079 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 25215
Ion Ratio Lower Upper
56 100
55 69.6 54.5 81.7

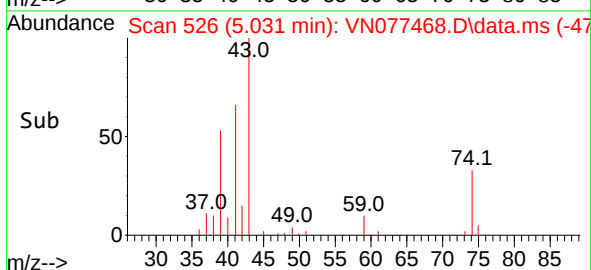
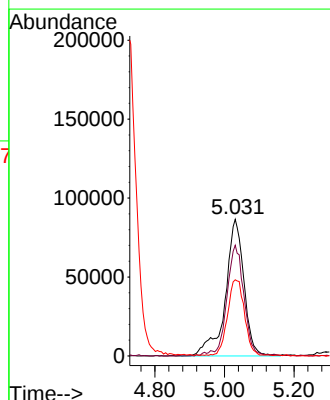
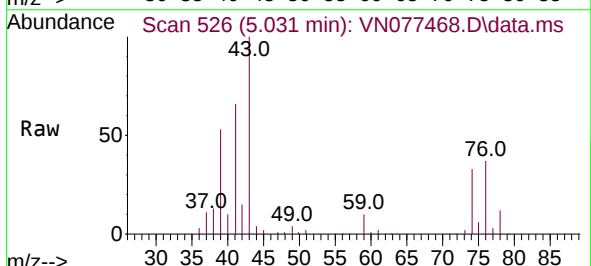
Manual Integrations
APPROVED

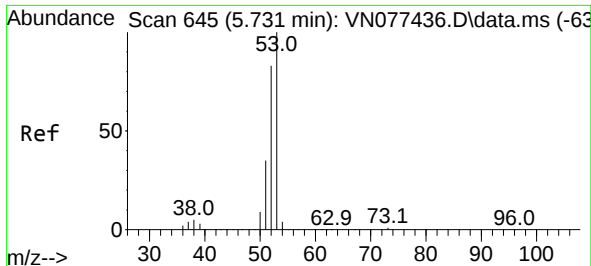
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#14
Allyl chloride
Concen: 46.924 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

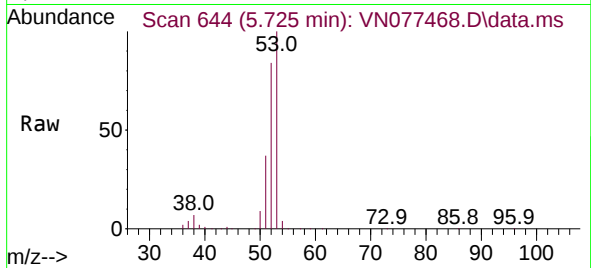
Tgt Ion: 41 Resp: 321556
Ion Ratio Lower Upper
41 100
39 74.3 58.8 88.2
76 49.7 39.1 58.7





#15
Acrylonitrile
Concen: 257.289 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

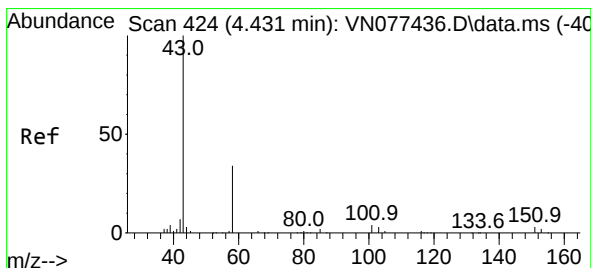
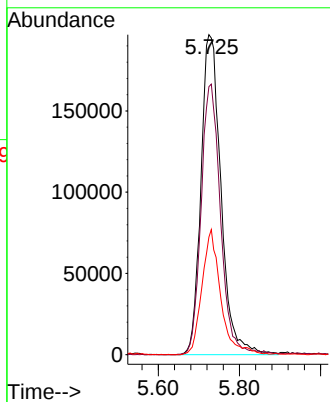
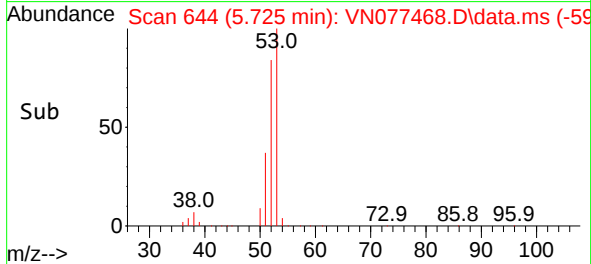
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 675308
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 36.6 28.9 43.3

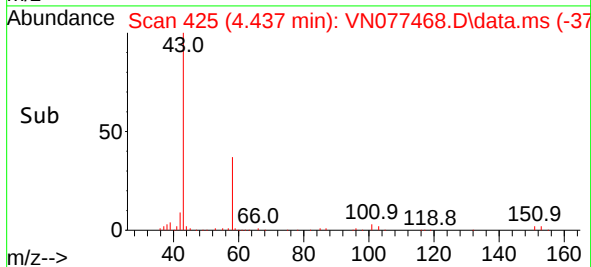
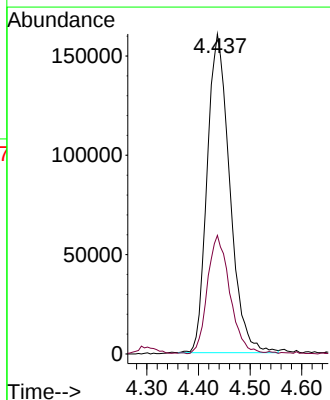
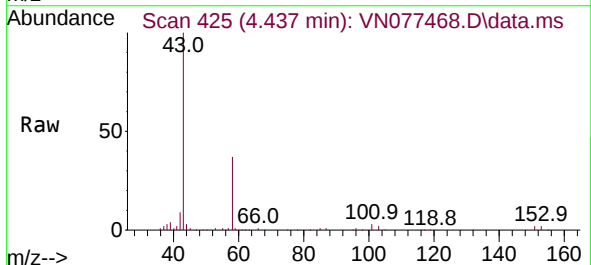
Manual Integrations
APPROVED

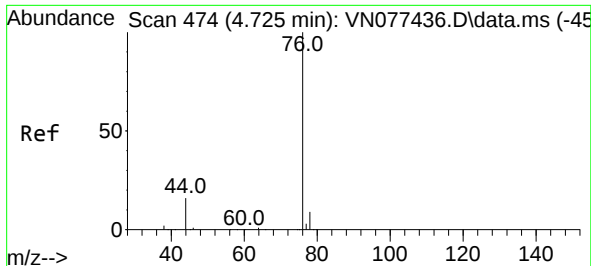
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#16
Acetone
Concen: 212.560 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

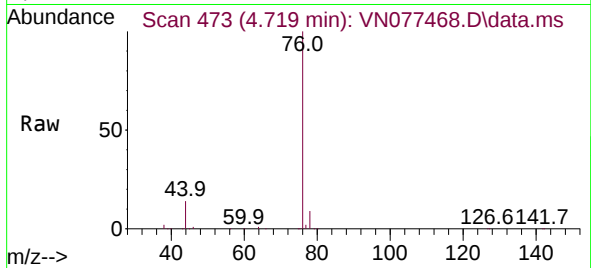
Tgt Ion: 43 Resp: 487373
Ion Ratio Lower Upper
43 100
58 37.0 28.0 42.0





#17
Carbon Disulfide
Concen: 42.153 ug/l
RT: 4.719 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

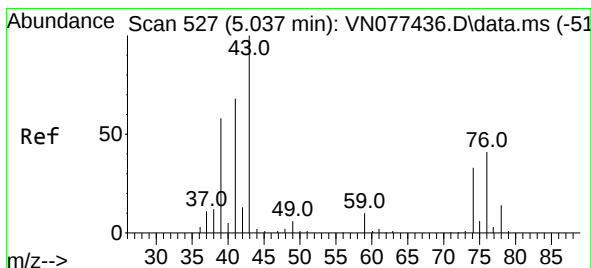
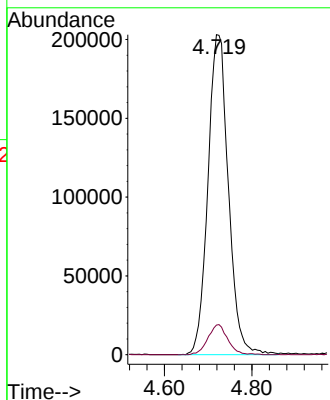
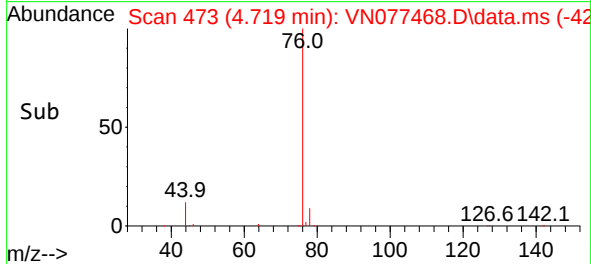
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



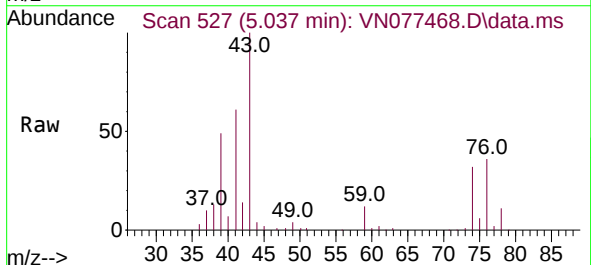
Tgt Ion: 76 Resp: 66021
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

Manual Integrations
APPROVED

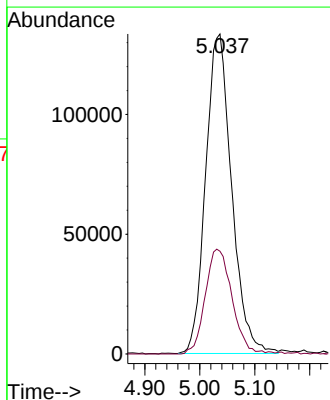
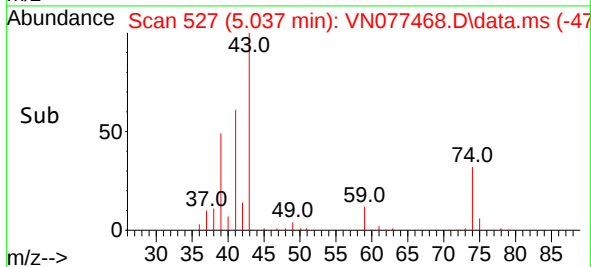
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

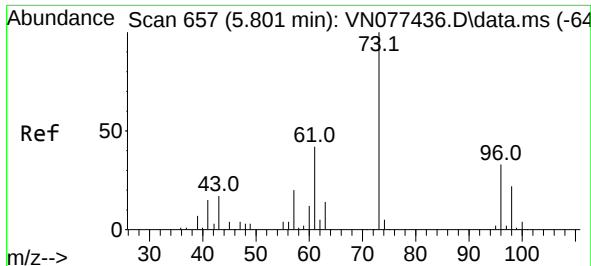


#18
Methyl Acetate
Concen: 49.552 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



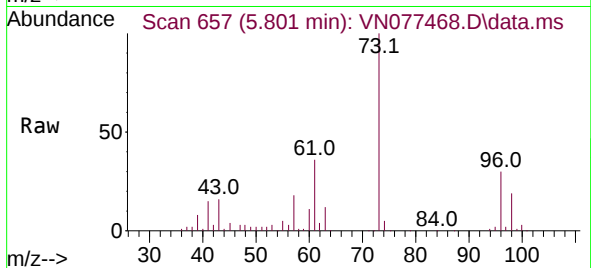
Tgt Ion: 43 Resp: 438755
Ion Ratio Lower Upper
43 100
74 33.7 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 52.130 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

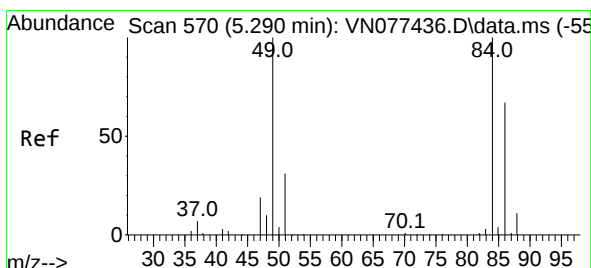
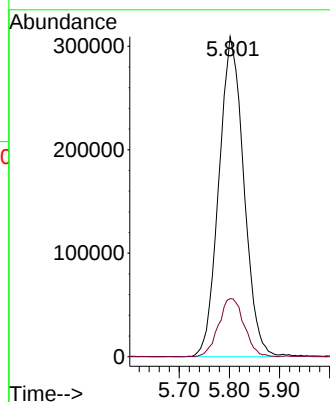
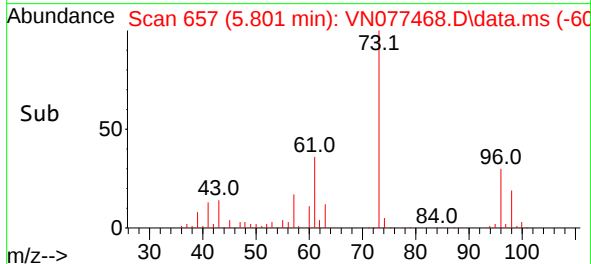
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1068578
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4

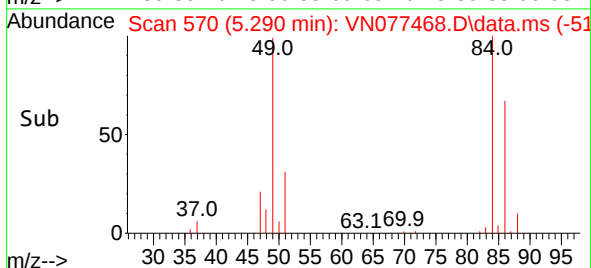
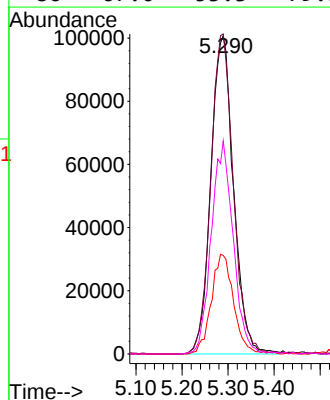
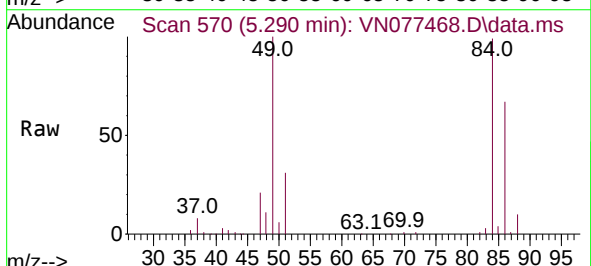
Manual Integrations
APPROVED

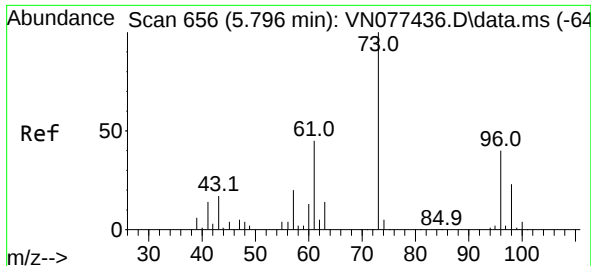
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#20
Methylene Chloride
Concen: 47.368 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Tgt Ion: 84 Resp: 344432
Ion Ratio Lower Upper
84 100
49 100.6 79.7 119.5
51 31.0 25.2 37.8
86 67.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 46.256 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 30829

Ion Ratio Lower Upper

96 100

61 114.1 90.1 135.1

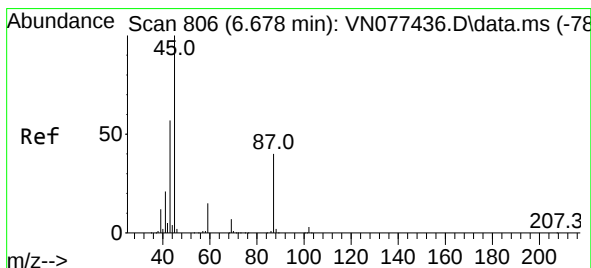
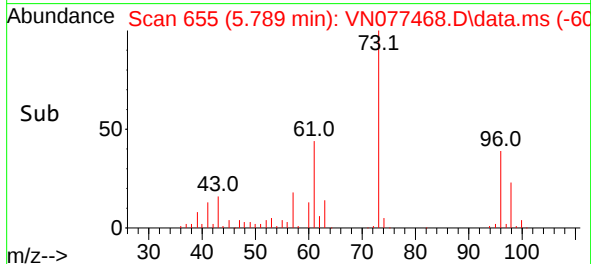
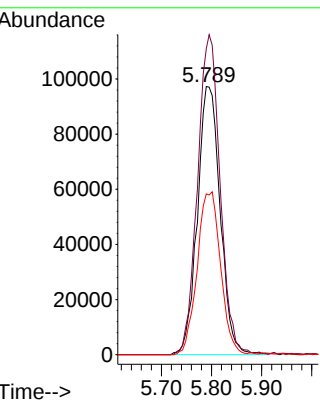
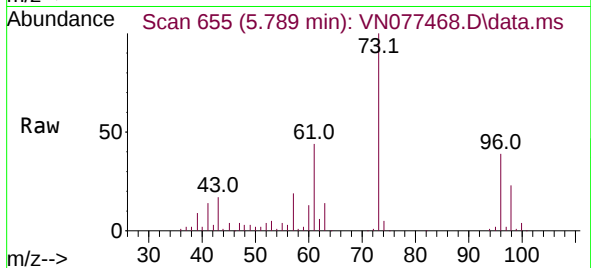
98 60.0 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#22

Diisopropyl ether

Concen: 50.151 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Tgt Ion: 45 Resp: 788748

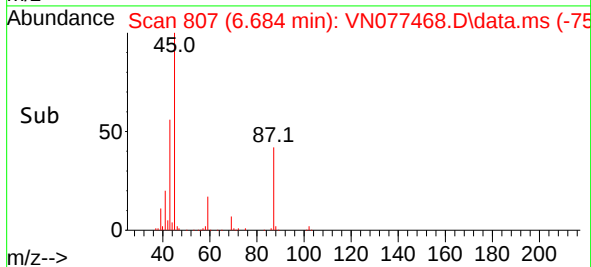
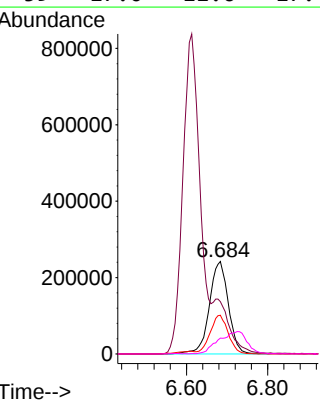
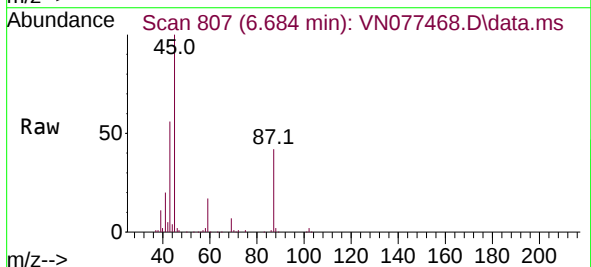
Ion Ratio Lower Upper

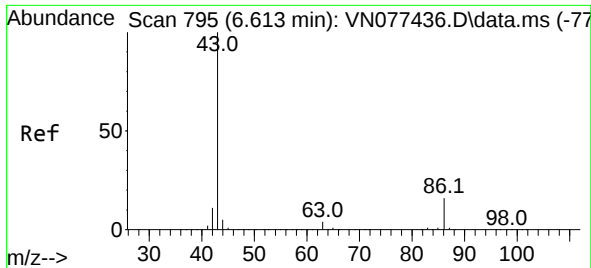
45 100

43 55.7 45.5 68.3

87 41.7 31.8 47.8

59 17.0 11.6 17.4





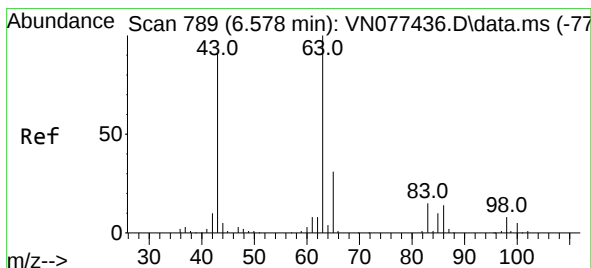
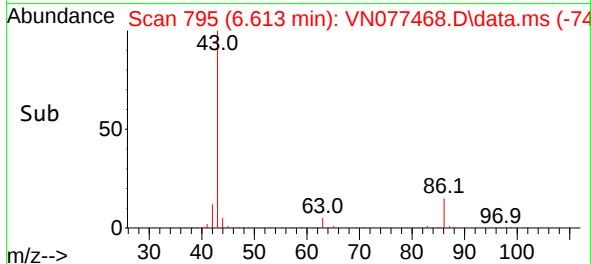
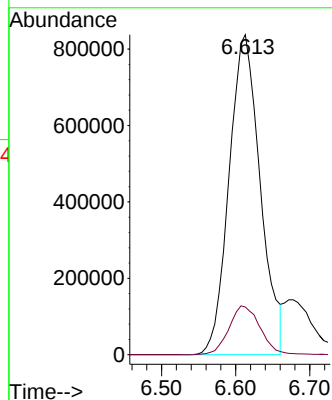
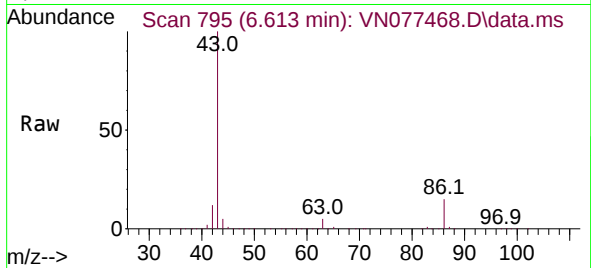
#23
 Vinyl Acetate
 Concen: 249.542 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077468.D
 Acq: 25 Apr 2023 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 245103
 Ion Ratio Lower Upper
 43 100
 86 14.9 13.0 19.6

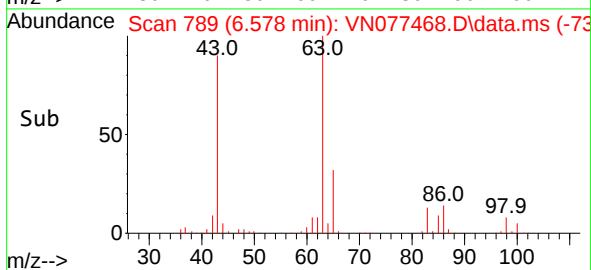
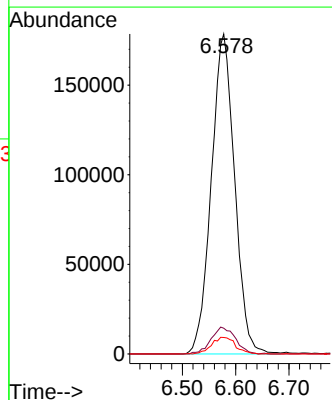
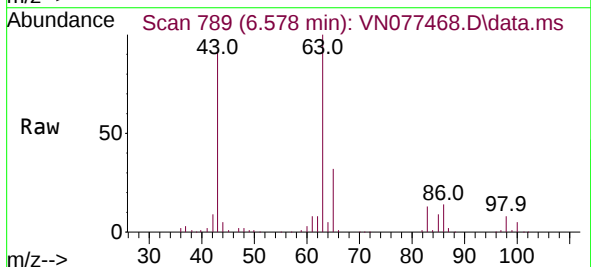
Manual Integrations
 APPROVED

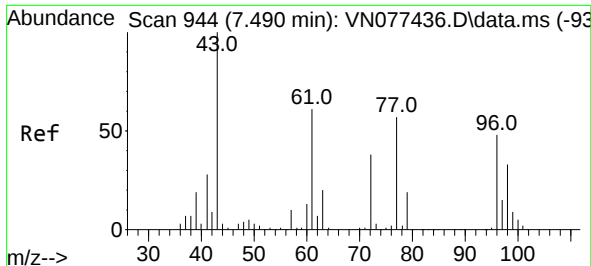
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#24
 1,1-Dichloroethane
 Concen: 48.804 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077468.D
 Acq: 25 Apr 2023 13:33

Tgt Ion: 63 Resp: 543321
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.2 2.5 7.4





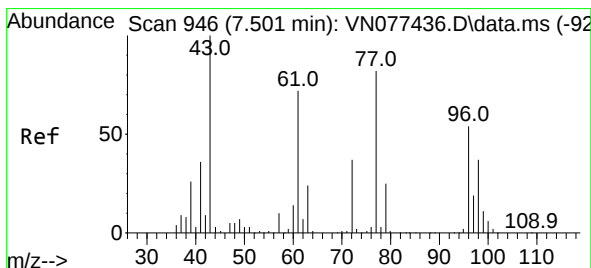
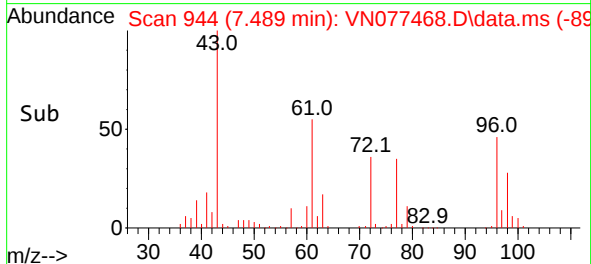
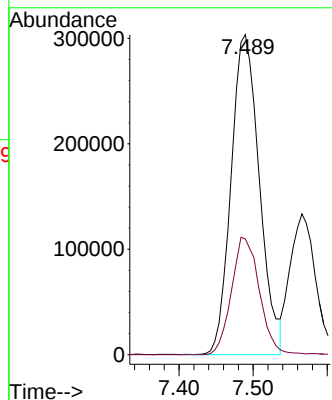
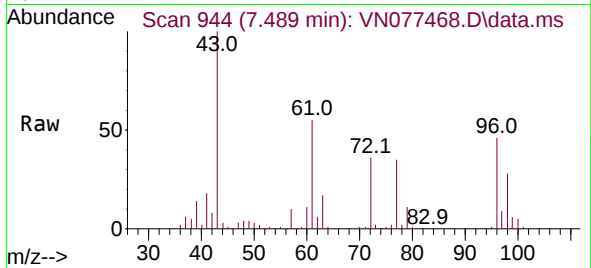
#25
2-Butanone
Concen: 248.150 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 807000
Ion Ratio Lower Upper
43 100
72 36.2 30.2 45.2

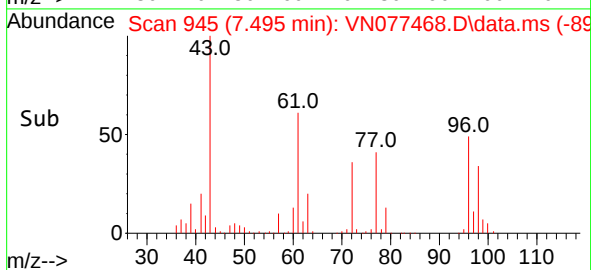
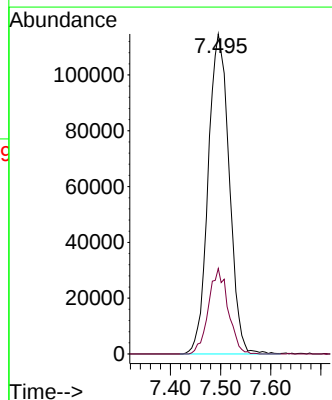
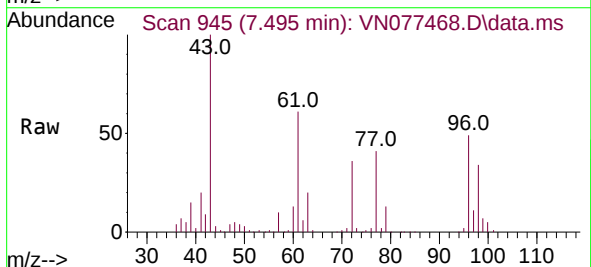
Manual Integrations
APPROVED

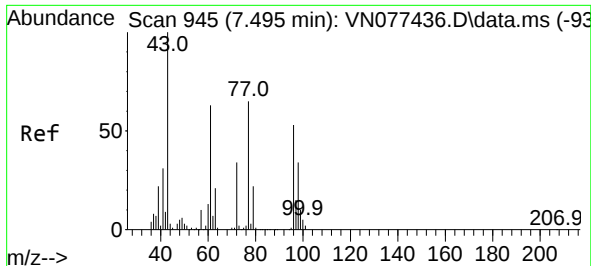
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#26
2,2-Dichloropropane
Concen: 30.975 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Tgt Ion: 77 Resp: 334369
Ion Ratio Lower Upper
77 100
97 25.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 48.048 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077468.D

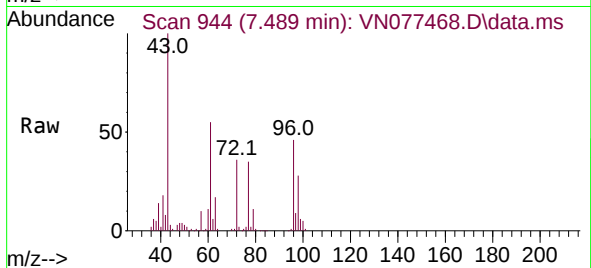
Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 379269

Ion Ratio Lower Upper

96 100

61 121.3 0.0 255.2

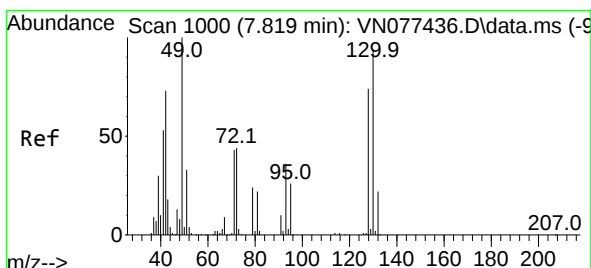
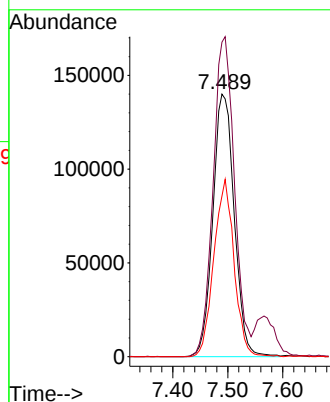
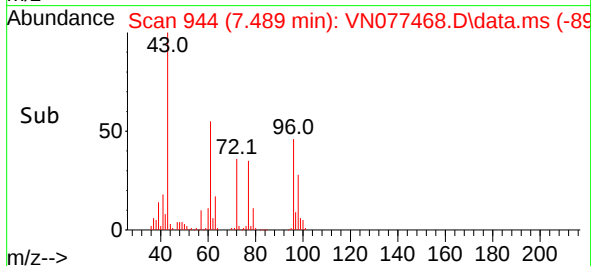
98 63.8 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#28

Bromochloromethane

Concen: 50.039 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

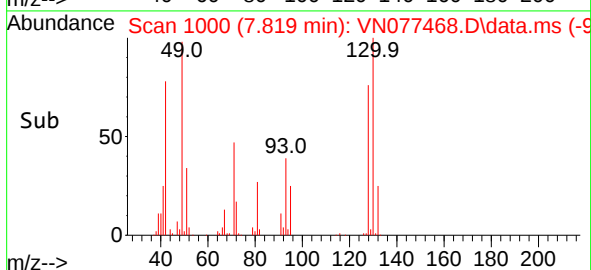
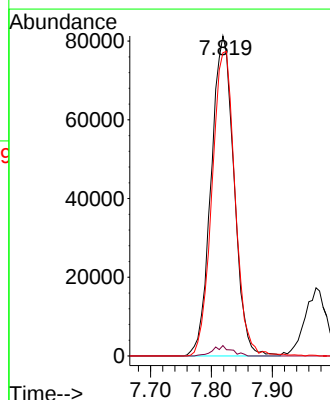
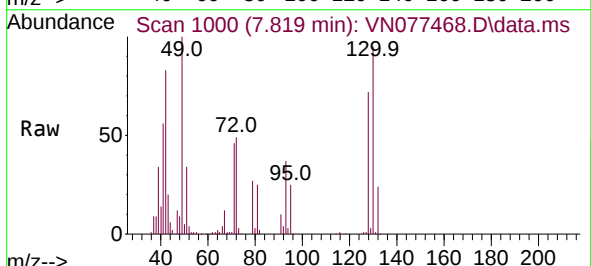
Tgt Ion: 49 Resp: 212735

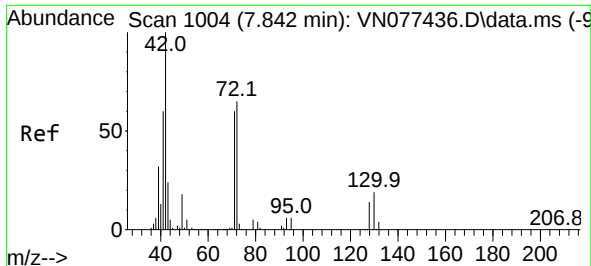
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

130 95.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 255.714 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077468.D

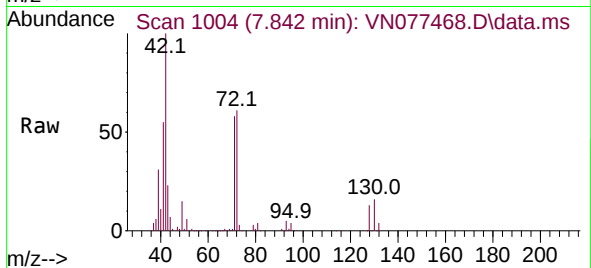
Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



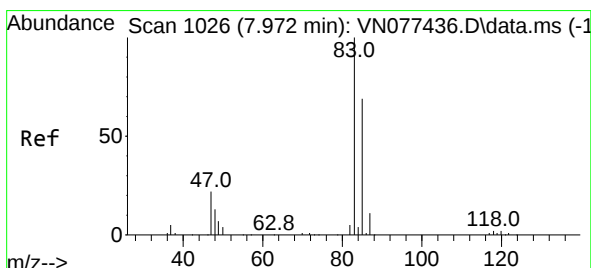
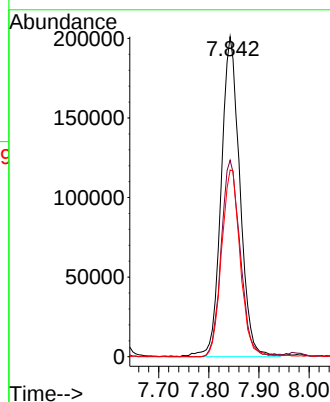
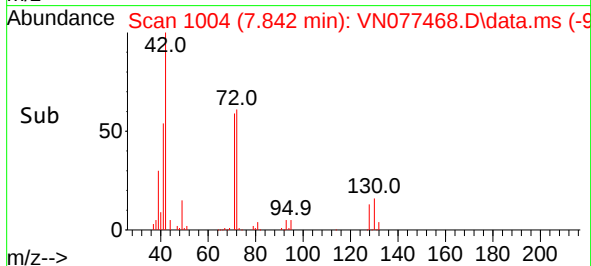
Tgt Ion:	42	Resp:	521039
Ion Ratio	100	Lower	Upper
42	100		
72	62.0	49.8	74.6
71	58.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#30

Chloroform

Concen: 50.188 ug/l

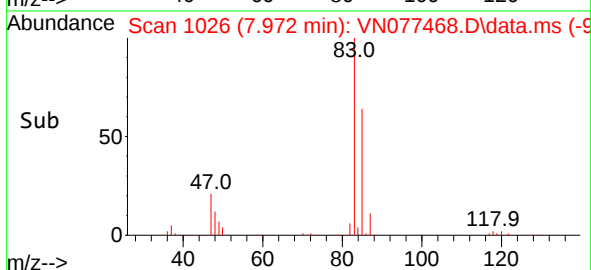
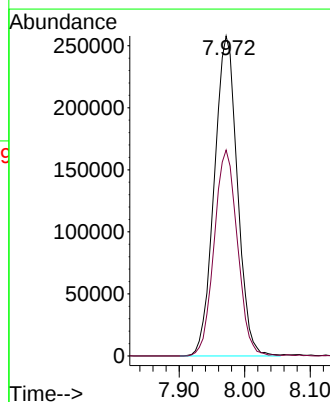
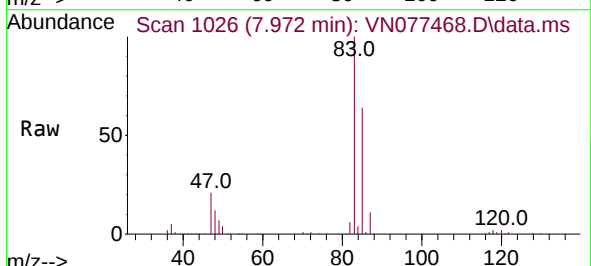
RT: 7.972 min Scan# 1026

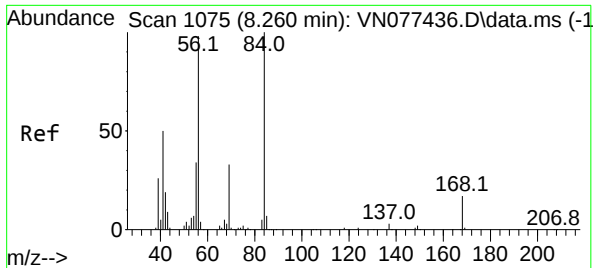
Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

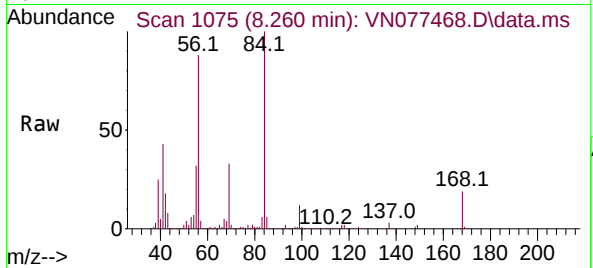
Tgt Ion:	83	Resp:	629677
Ion Ratio	100	Lower	Upper
83	100		
85	64.4	55.4	83.0





#31
Cyclohexane
Concen: 41.003 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

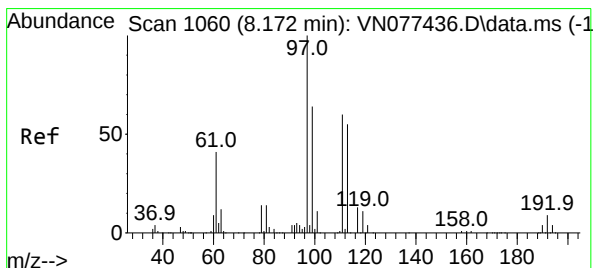
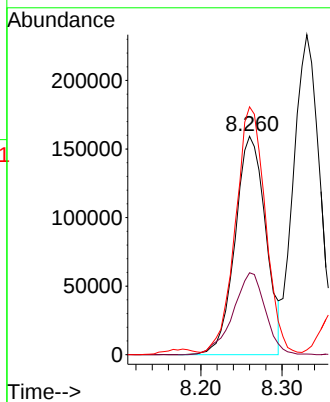
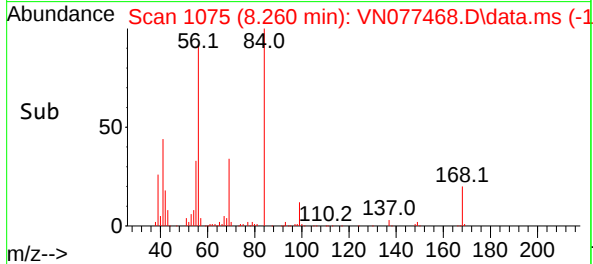
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 418620
Ion Ratio Lower Upper
56 100
69 37.5 26.8 40.2
84 111.3 81.8 122.6

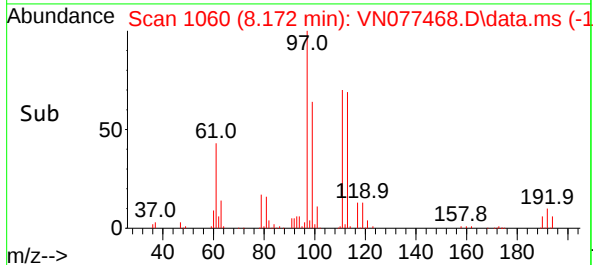
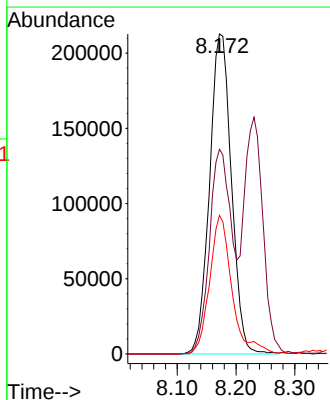
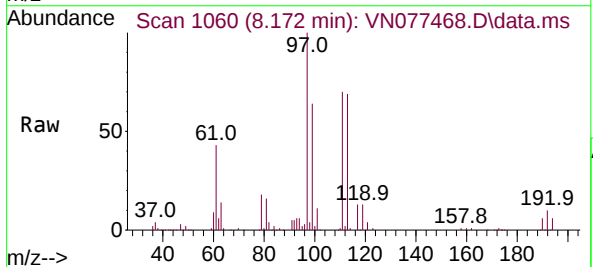
Manual Integrations
APPROVED

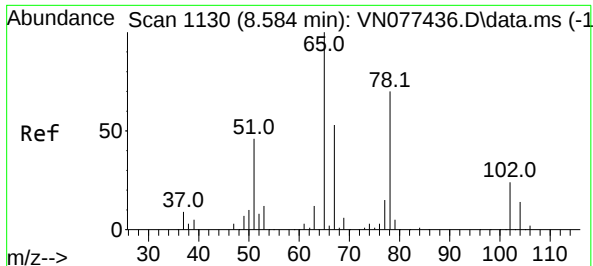
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#32
1,1,1-Trichloroethane
Concen: 47.722 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Tgt Ion: 97 Resp: 550459
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 44.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 59.082 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 42580

Ion Ratio Lower Upper

65 100

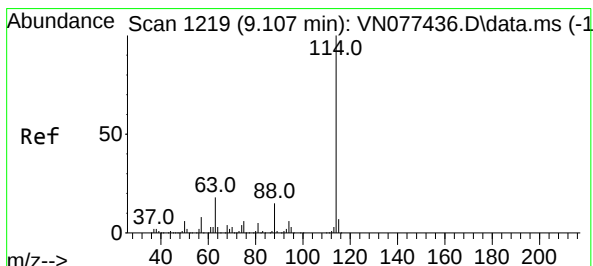
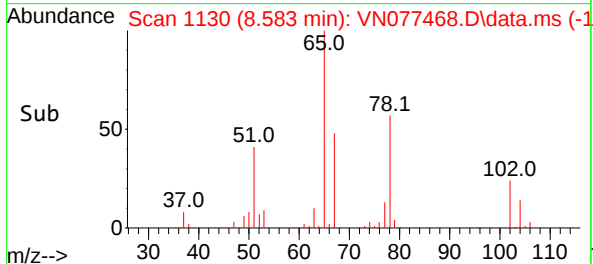
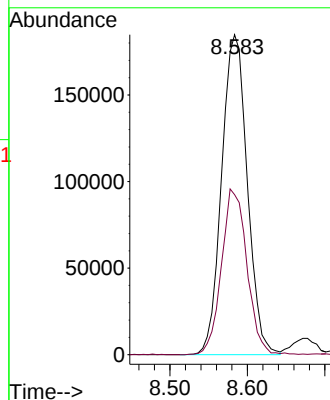
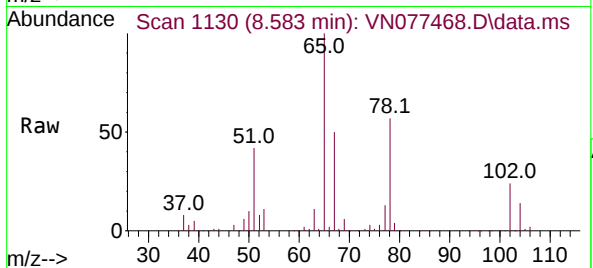
67 51.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

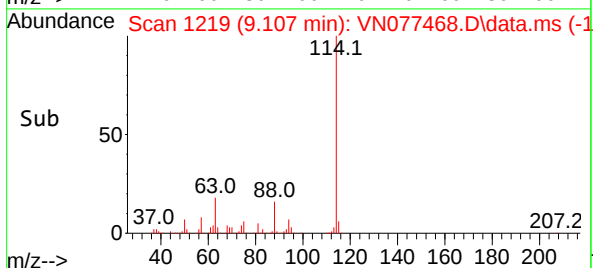
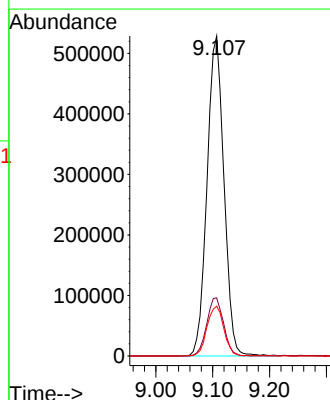
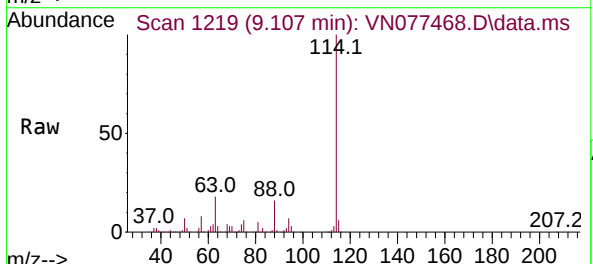
Tgt Ion:114 Resp: 1089357

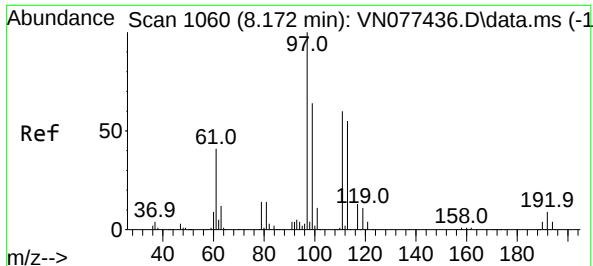
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.574 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 357324

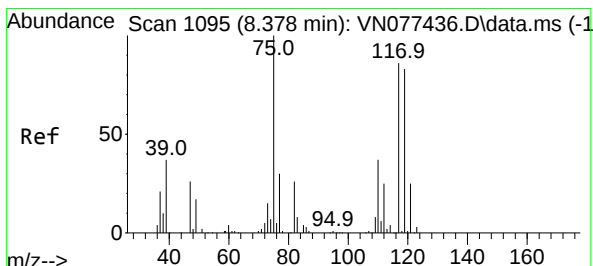
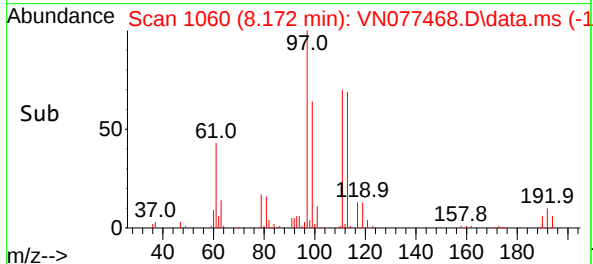
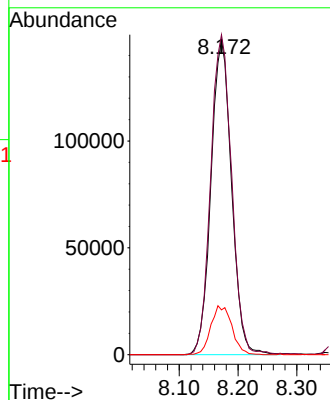
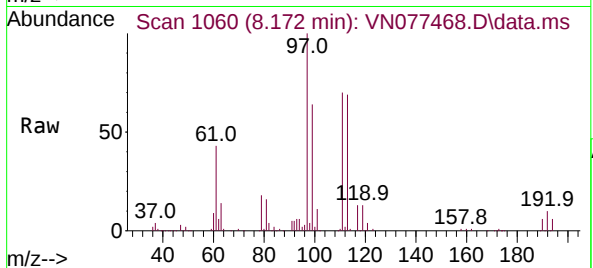
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	16.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#36

1,1-Dichloropropene

Concen: 44.085 ug/l

RT: 8.378 min Scan# 1095

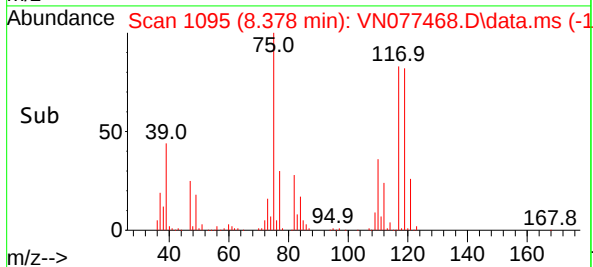
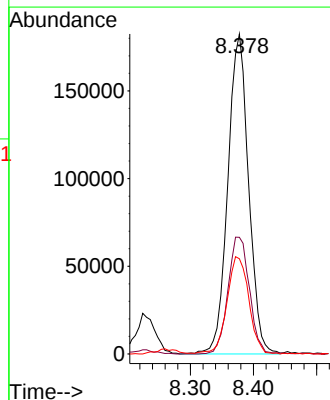
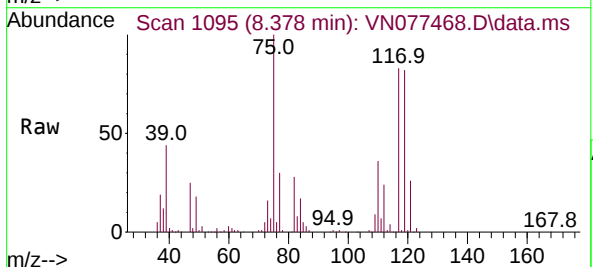
Delta R.T. -0.000 min

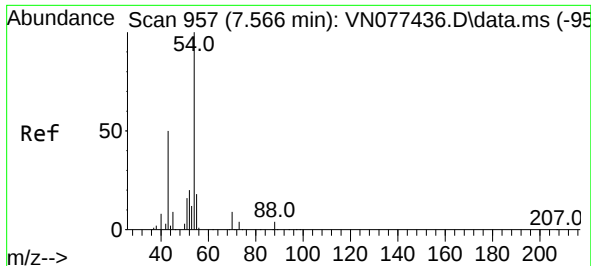
Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Tgt Ion: 75 Resp: 417014

Ion	Ratio	Lower	Upper
75	100		
110	37.8	19.1	57.3
77	32.0	25.0	37.4





#37

Ethyl Acetate

Concen: 45.678 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077468.D

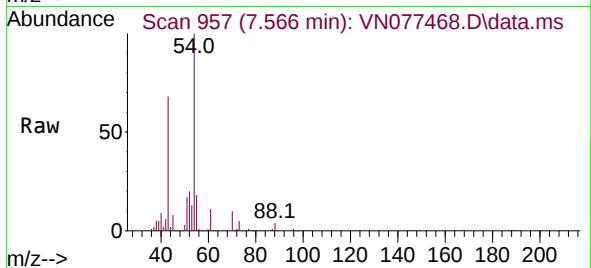
Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



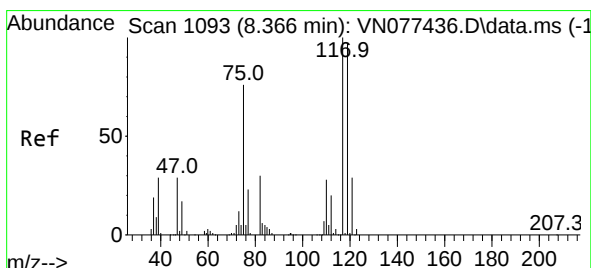
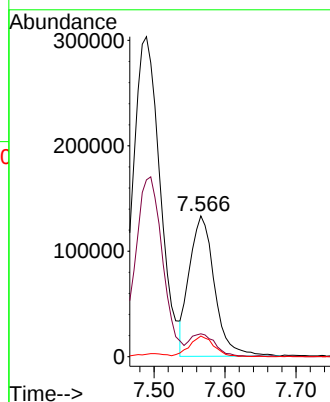
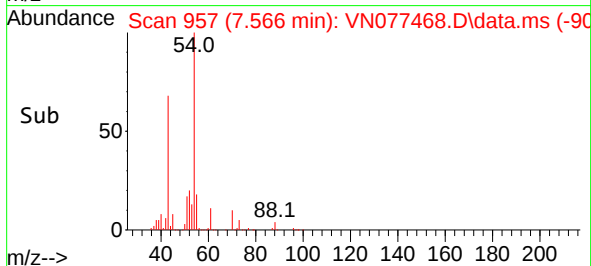
Tgt Ion:	43	Resp:	328334
Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.2	19.8
70	14.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#38

Carbon Tetrachloride

Concen: 44.563 ug/l

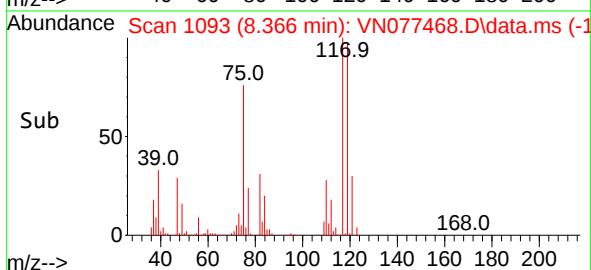
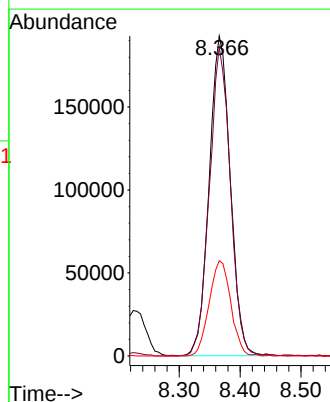
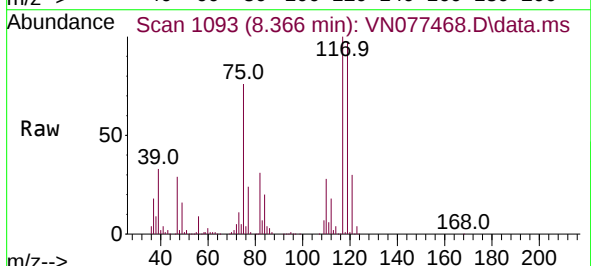
RT: 8.366 min Scan# 1093

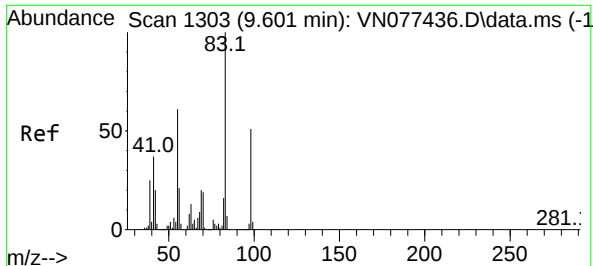
Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Tgt Ion:	117	Resp:	465093
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.3	115.9
121	29.7	23.3	34.9





#39

Methylcyclohexane

Concen: 41.918 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077468.D

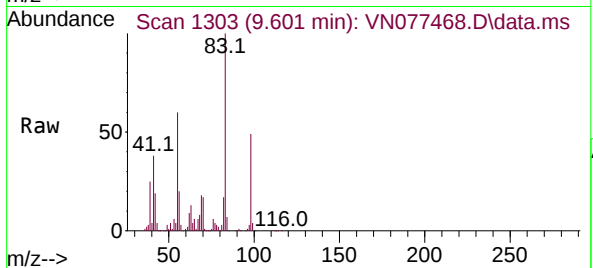
Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



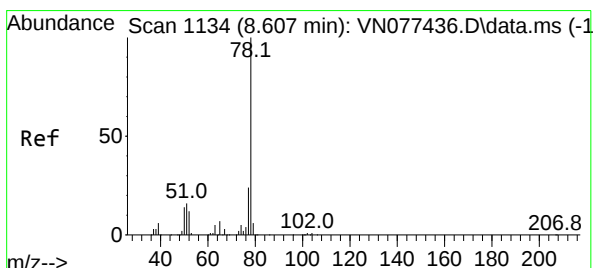
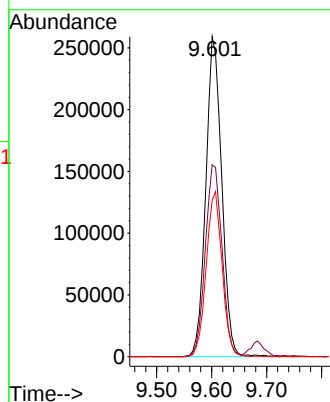
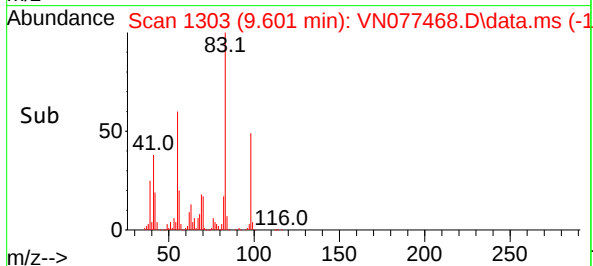
Tgt Ion:	83	Resp:	522414
Ion	Ratio	Lower	Upper
83	100		
55	59.9	49.1	73.7
98	48.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#40

Benzene

Concen: 46.414 ug/l

RT: 8.607 min Scan# 1134

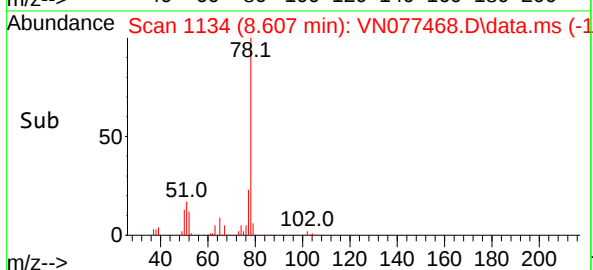
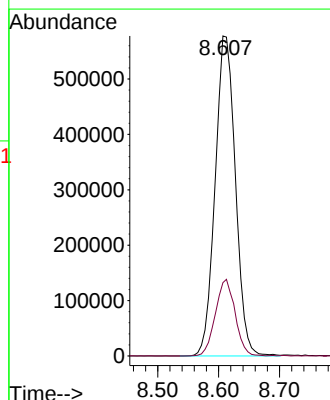
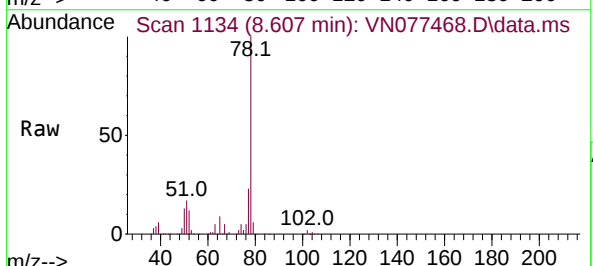
Delta R.T. -0.000 min

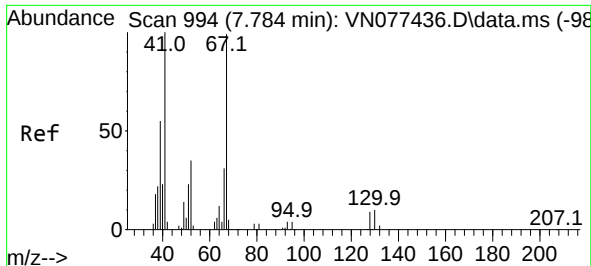
Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Tgt Ion: 78 Resp: 1337500

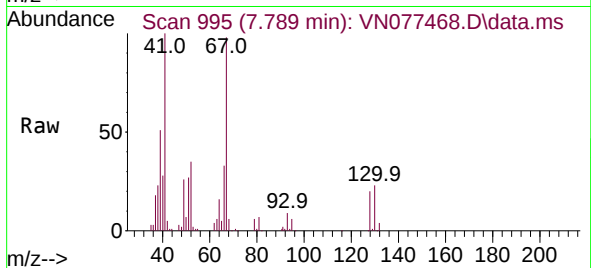
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.6





#41
Methacrylonitrile
Concen: 45.857 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

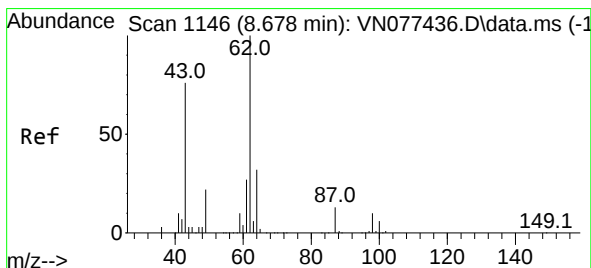
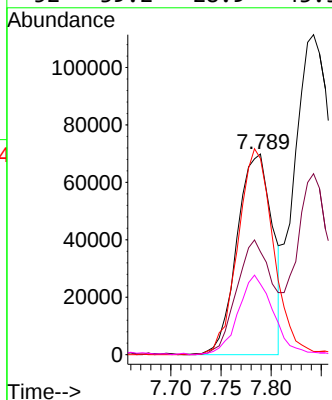
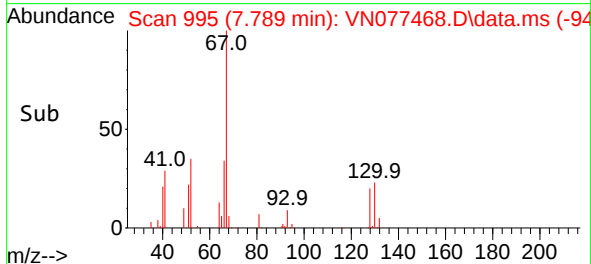
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 171678
Ion Ratio Lower Upper
41 100
39 61.0 42.6 64.0
67 104.1 77.5 116.3
52 39.2 28.9 43.3

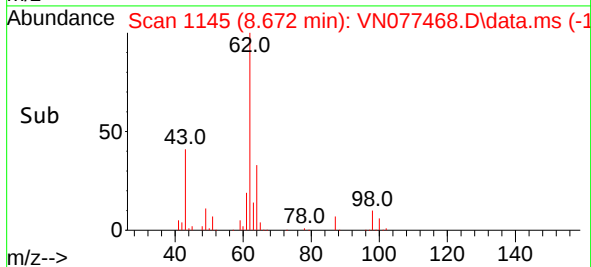
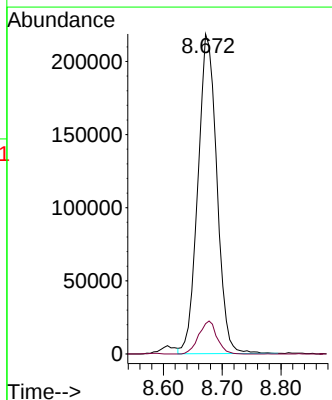
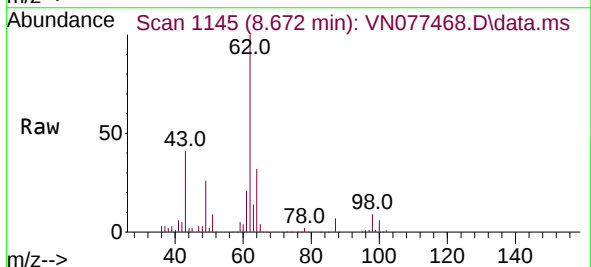
Manual Integrations
APPROVED

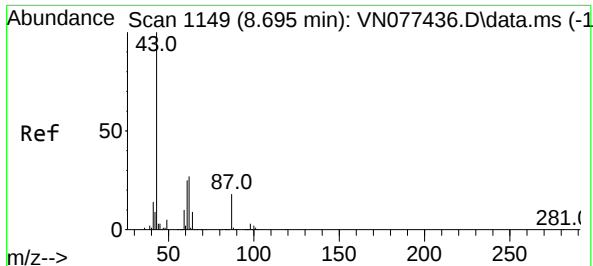
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#42
1,2-Dichloroethane
Concen: 49.475 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Tgt Ion: 62 Resp: 489680
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 50.243 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN077468.D

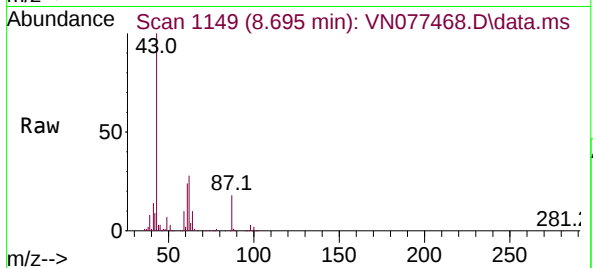
Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



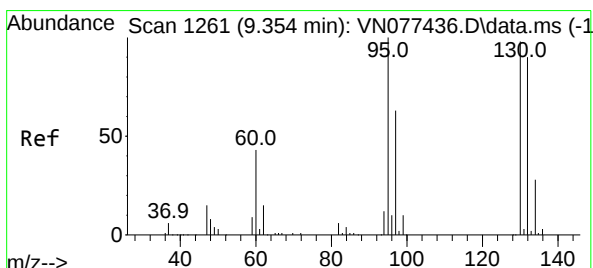
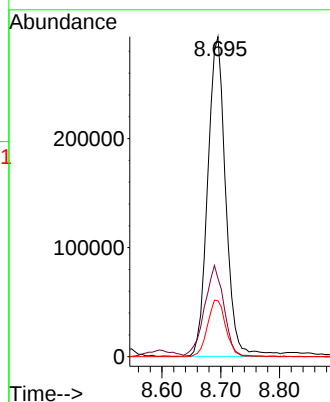
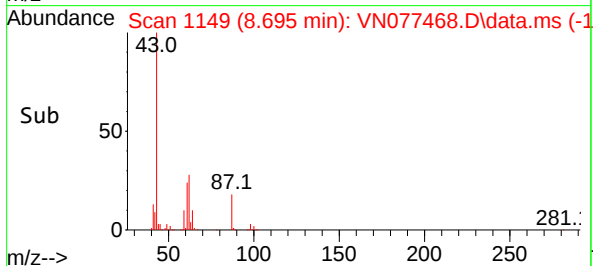
Tgt Ion:	43	Resp:	62477
Ion Ratio	Lower	Upper	
43	100		
61	30.6	24.7	37.1
87	17.8	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#44

Trichloroethene

Concen: 46.251 ug/l

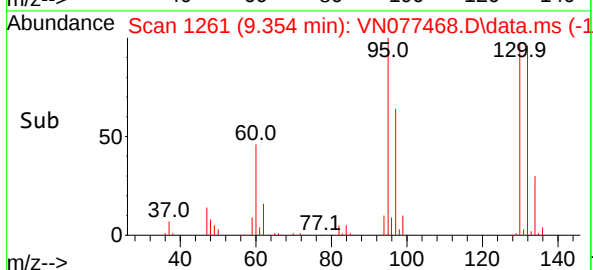
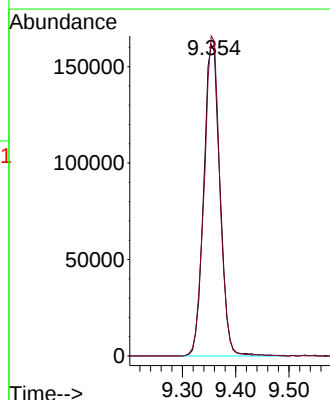
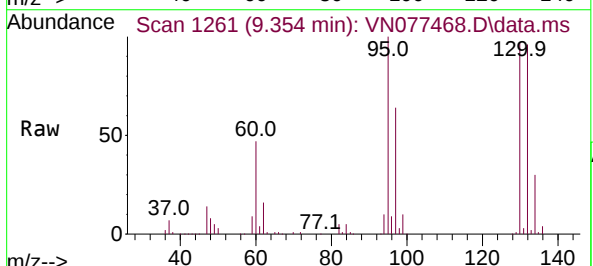
RT: 9.354 min Scan# 1261

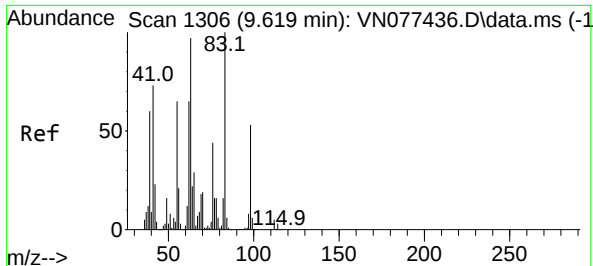
Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Tgt Ion:	130	Resp:	341252
Ion Ratio	Lower	Upper	
130	100		
95	102.8	0.0	204.6





#45

1,2-Dichloropropane

Concen: 46.340 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 31280

Ion Ratio Lower Upper

63 100

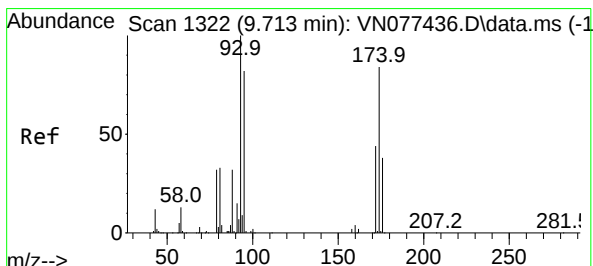
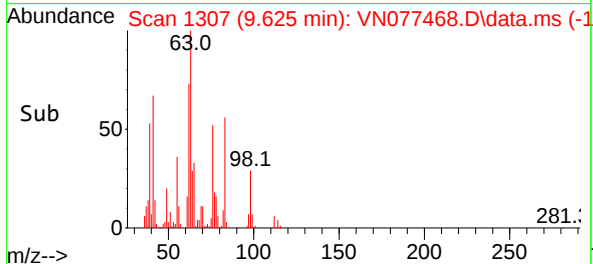
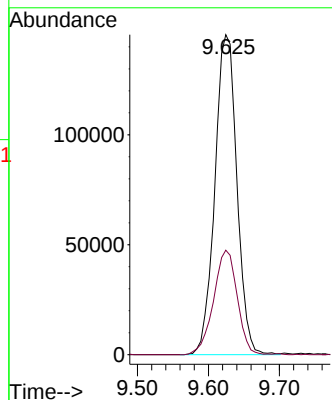
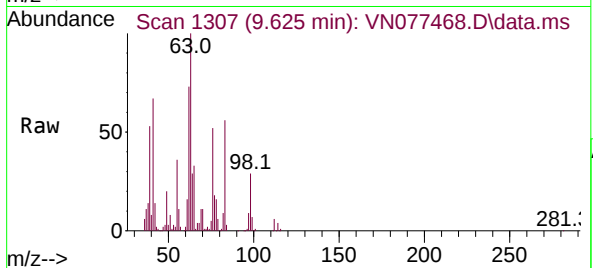
65 32.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#46

Dibromomethane

Concen: 47.946 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

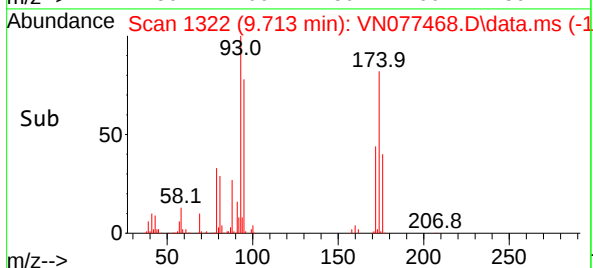
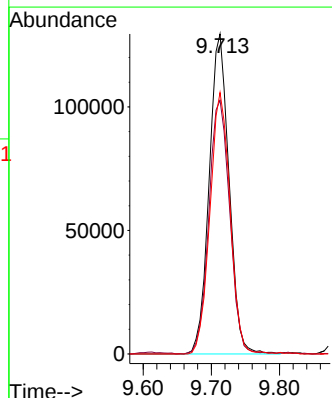
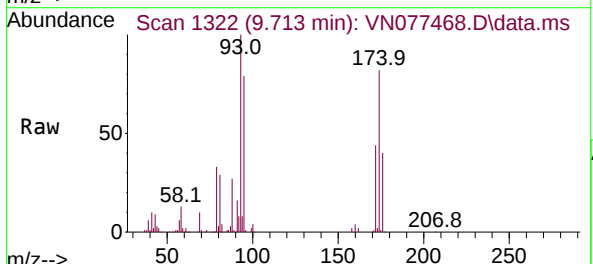
Tgt Ion: 93 Resp: 262608

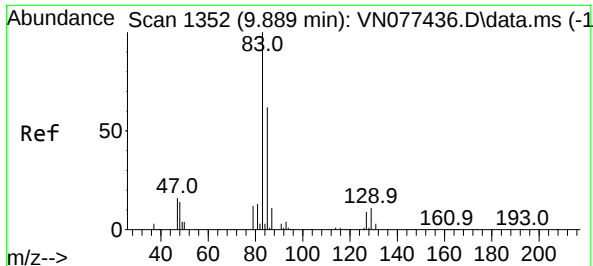
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

174 82.7 65.6 98.4





#47

Bromodichloromethane

Concen: 49.012 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

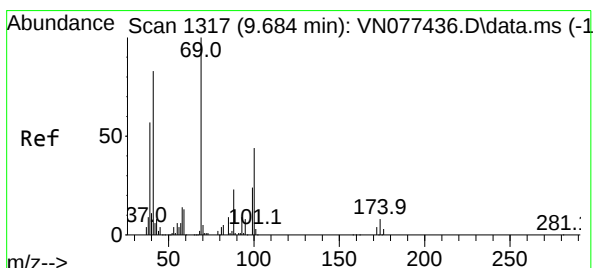
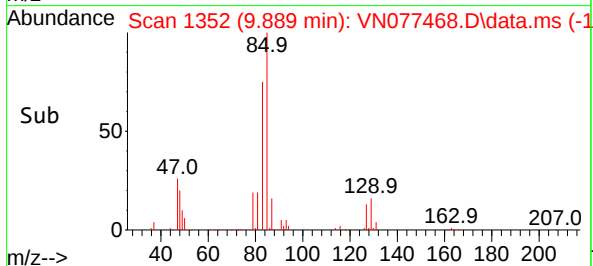
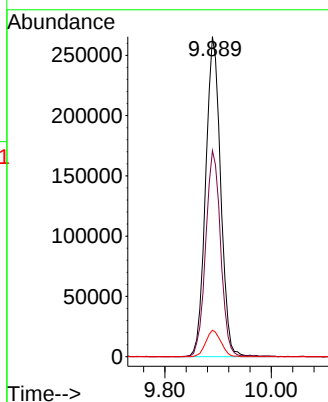
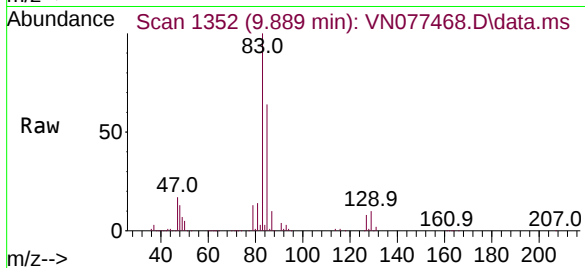
Tgt Ion:	83	Resp:	51926
Ion Ratio	Lower	Upper	
83	100		
85	64.4	49.6	74.4
127	8.2	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#48

Methyl methacrylate

Concen: 47.090 ug/l

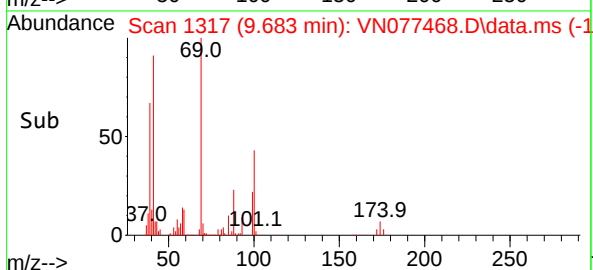
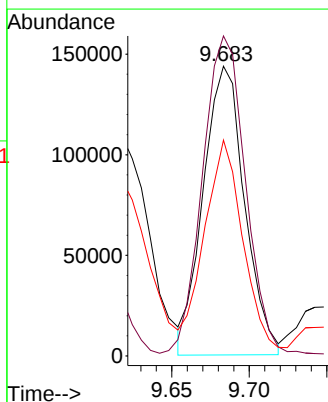
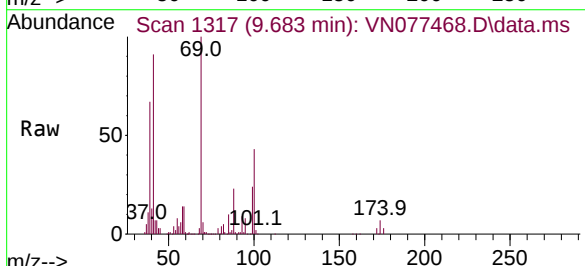
RT: 9.683 min Scan# 1317

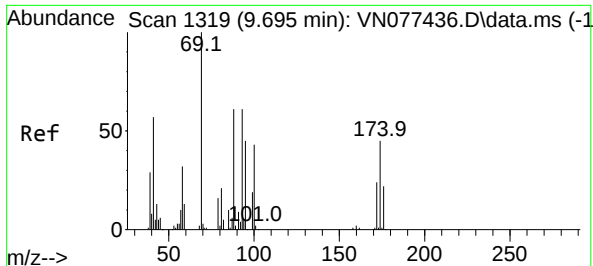
Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Tgt Ion:	41	Resp:	266549
Ion Ratio	Lower	Upper	
41	100		
69	115.8	90.4	135.6
39	71.0	54.6	81.8





#49

1,4-Dioxane

Concen: 969.431 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 13764

Ion Ratio Lower Upper

88 100

43 21.1 17.0 25.6

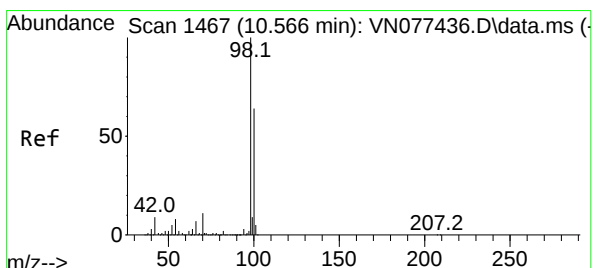
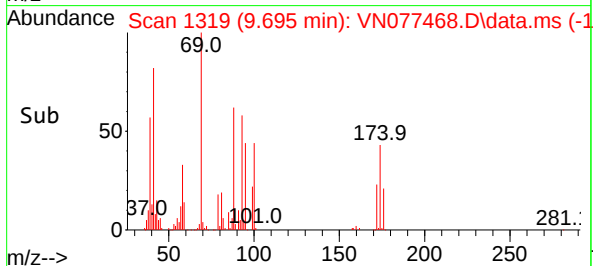
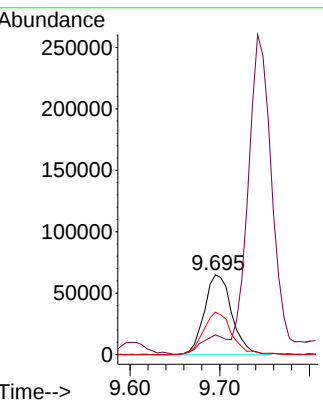
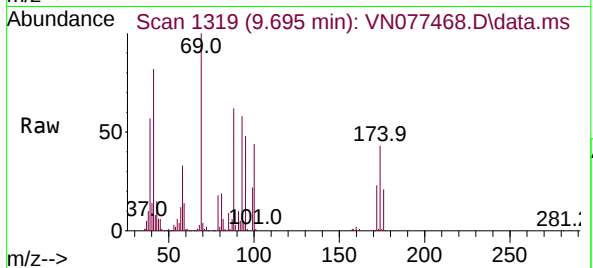
58 55.7 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#50

Toluene-d8

Concen: 54.725 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077468.D

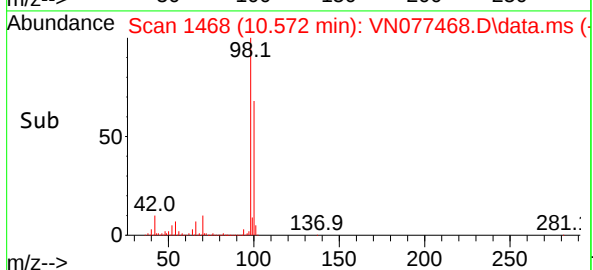
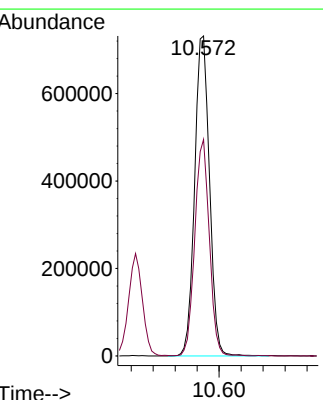
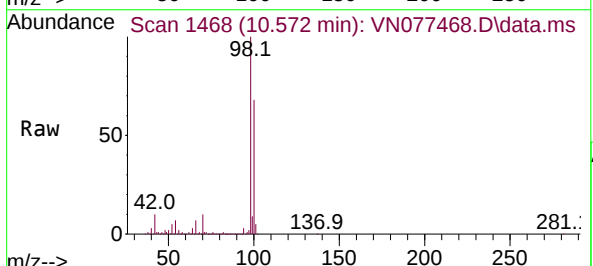
Acq: 25 Apr 2023 13:33

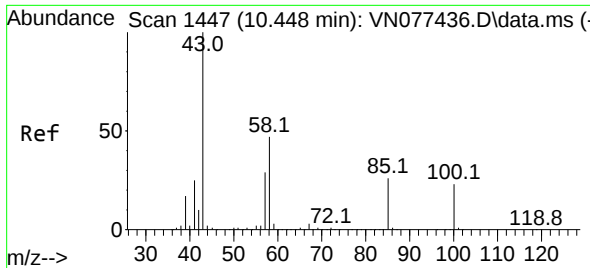
Tgt Ion: 98 Resp: 1373255

Ion Ratio Lower Upper

98 100

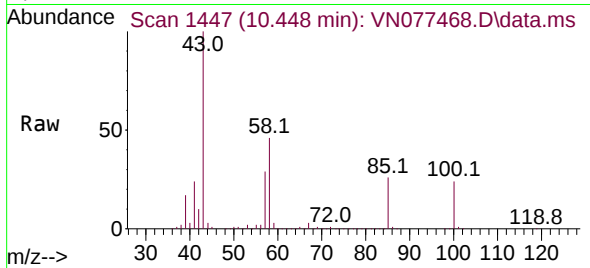
100 66.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 241.676 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

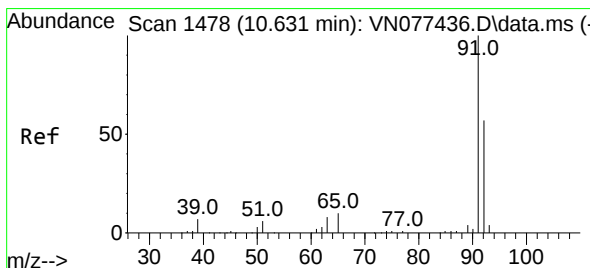
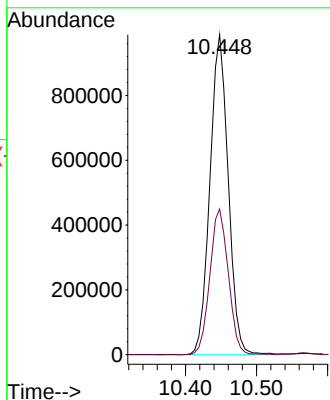
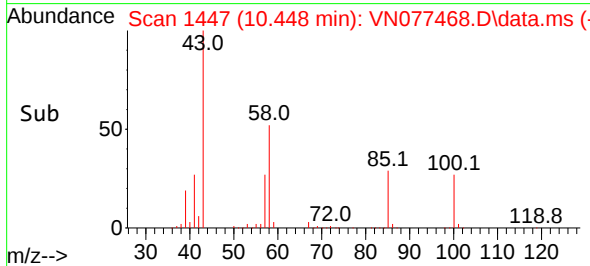
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 176273
Ion Ratio Lower Upper
43 100
58 45.9 36.6 54.8

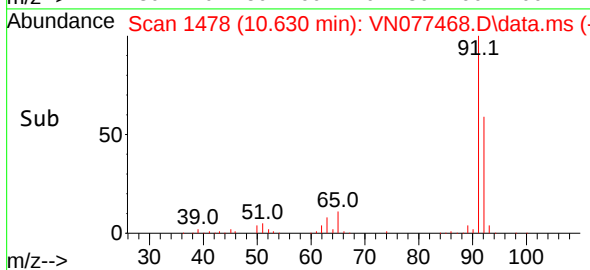
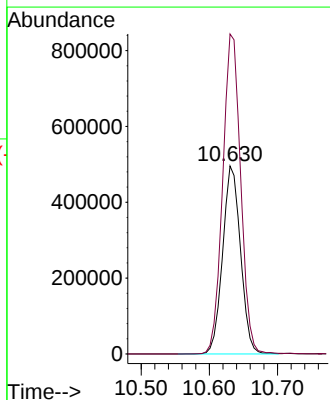
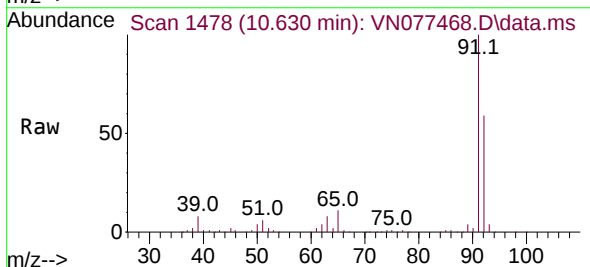
Manual Integrations
APPROVED

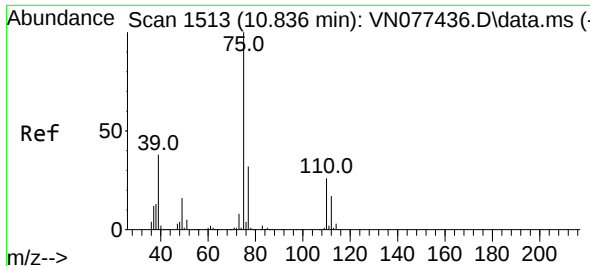
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#52
Toluene
Concen: 47.909 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

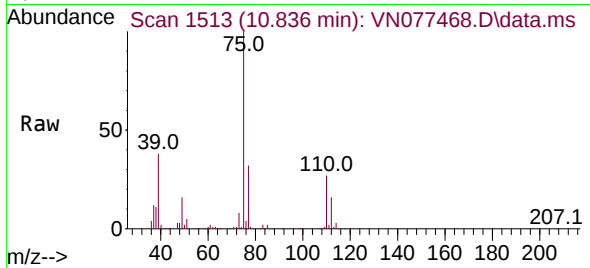
Tgt Ion: 92 Resp: 904427
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 48.115 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077468.D
 Acq: 25 Apr 2023 13:33

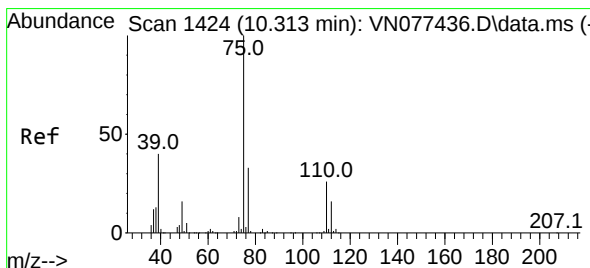
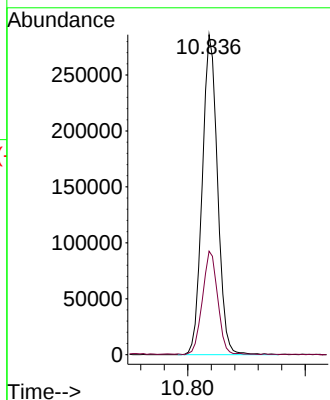
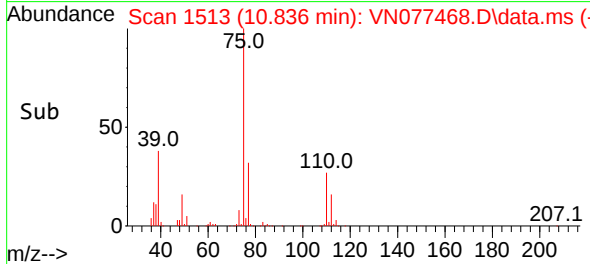
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



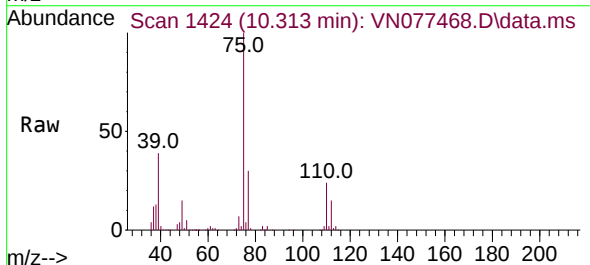
Tgt Ion: 75 Resp: 51617
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0

Manual Integrations
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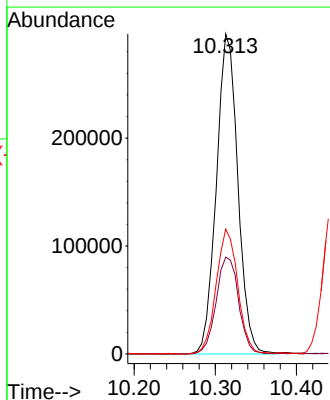
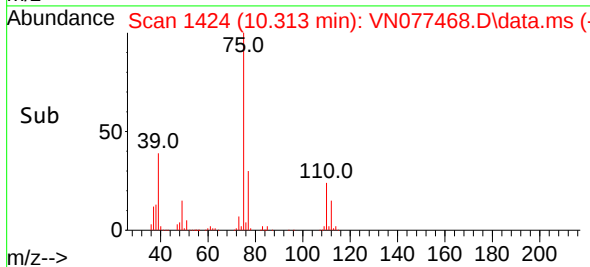
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

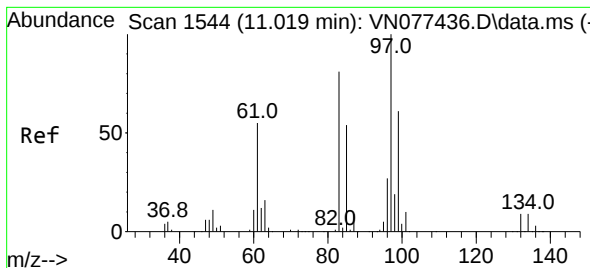


#54
 cis-1,3-Dichloropropene
 Concen: 46.728 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077468.D
 Acq: 25 Apr 2023 13:33



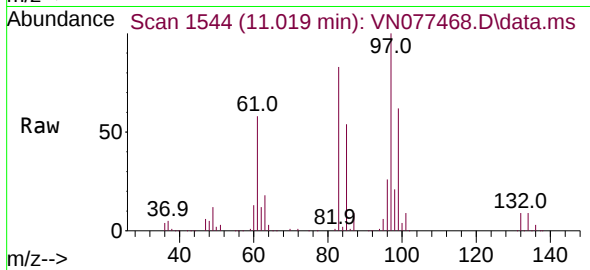
Tgt Ion: 75 Resp: 545654
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.1 39.1
 39 39.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 48.618 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

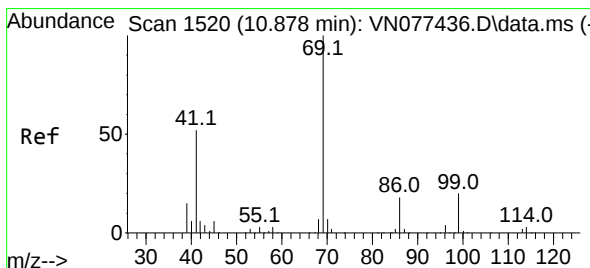
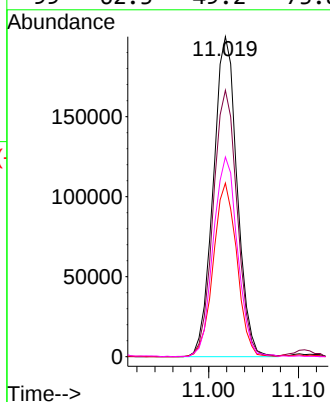
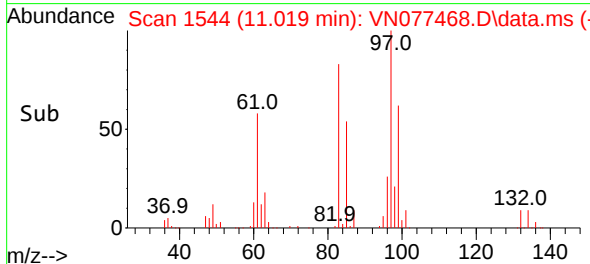
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 36907
Ion Ratio Lower Upper
97 100
83 83.3 65.1 97.7
85 54.3 43.4 65.2
99 62.3 49.2 73.8

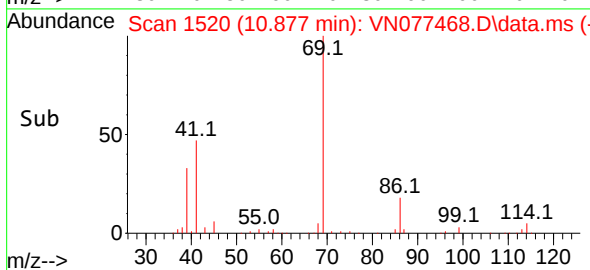
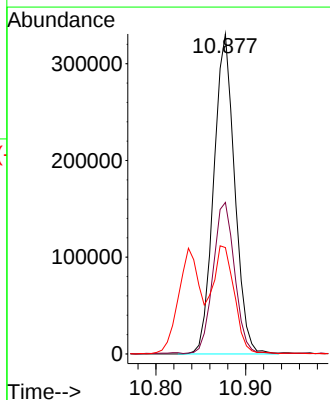
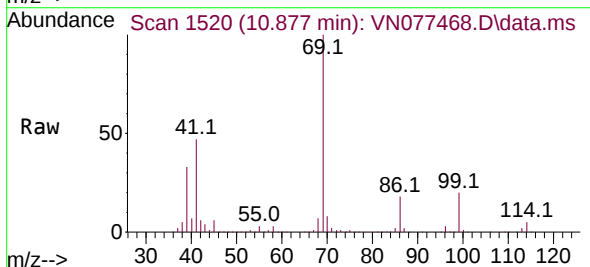
Manual Integrations
APPROVED

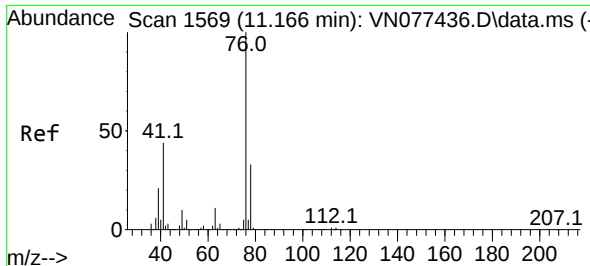
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#56
Ethyl methacrylate
Concen: 50.310 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Tgt Ion: 69 Resp: 535151
Ion Ratio Lower Upper
69 100
41 48.6 39.6 59.4
39 35.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 50.374 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 609110

Ion Ratio Lower Upper

76 100

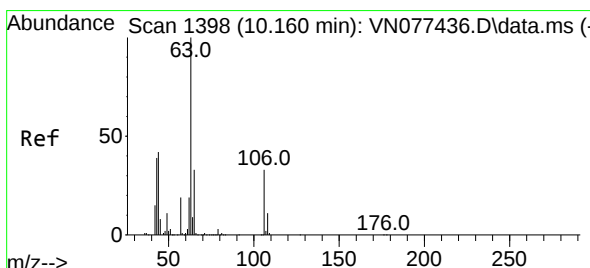
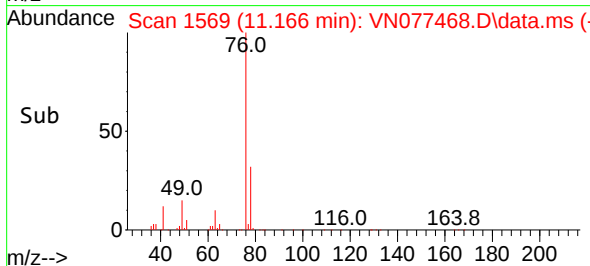
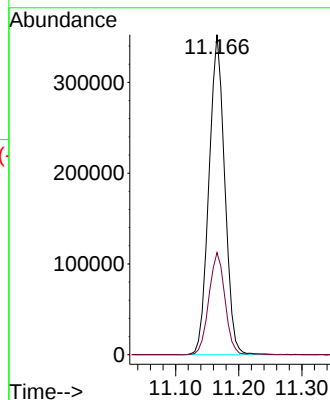
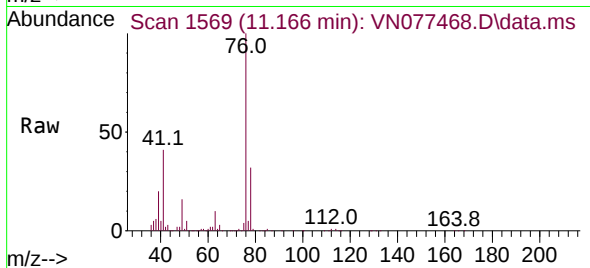
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 260.488 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077468.D

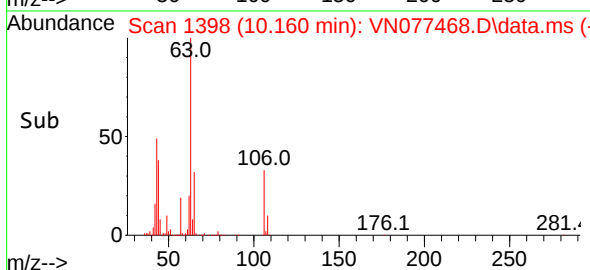
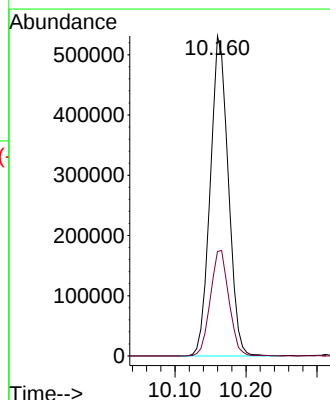
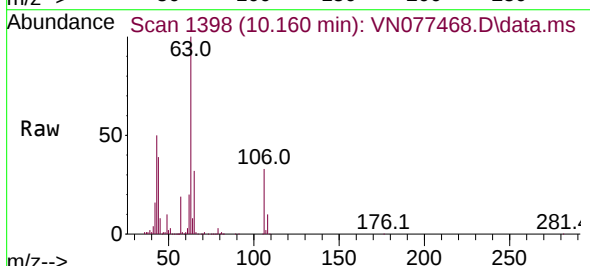
Acq: 25 Apr 2023 13:33

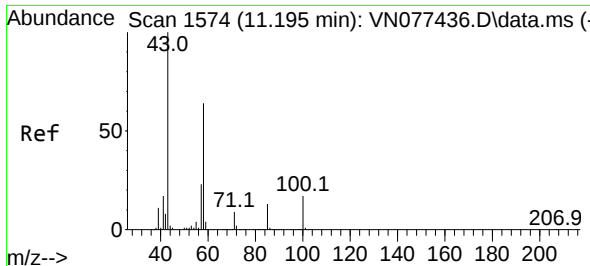
Tgt Ion: 63 Resp: 937197

Ion Ratio Lower Upper

63 100

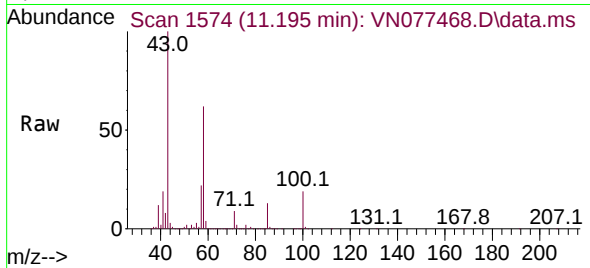
106 33.9 26.2 39.4





#59
2-Hexanone
Concen: 242.713 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

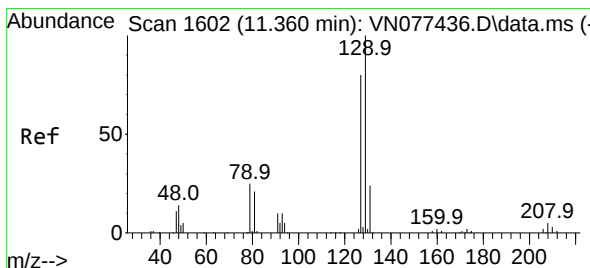
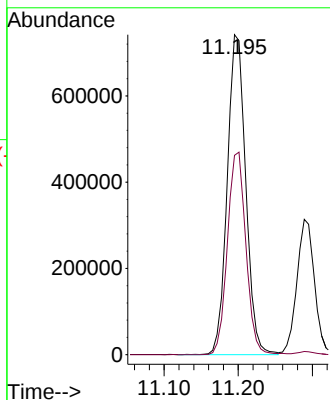
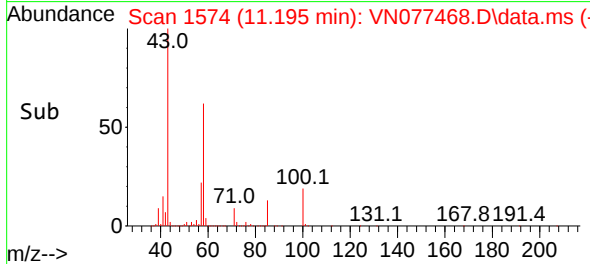
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 128681
Ion Ratio Lower Upper
43 100
58 63.4 31.7 95.1

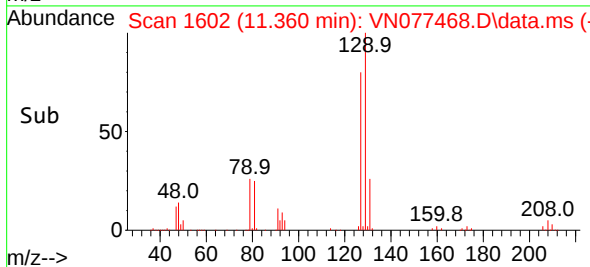
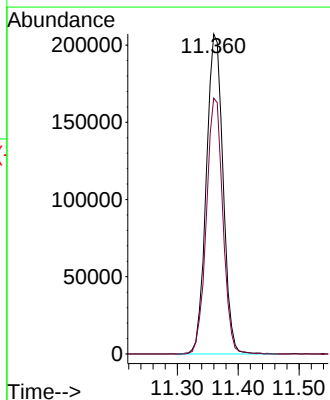
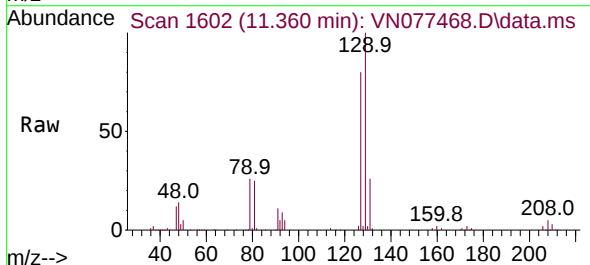
Manual Integrations
APPROVED

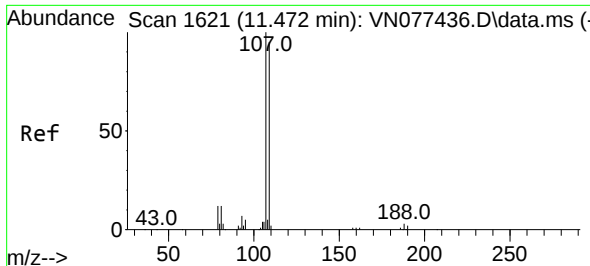
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#60
Dibromochloromethane
Concen: 50.132 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

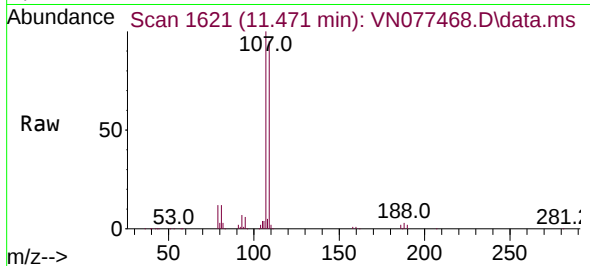
Tgt Ion:129 Resp: 394960
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.714 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

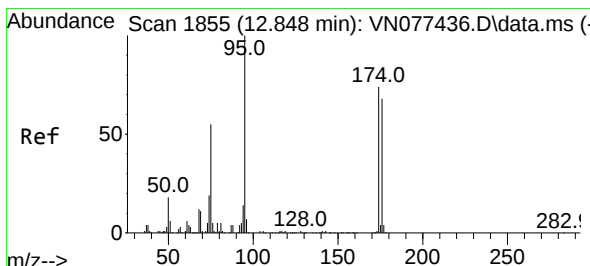
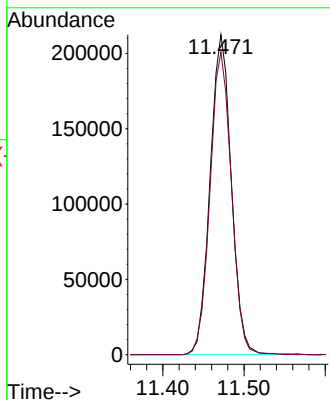
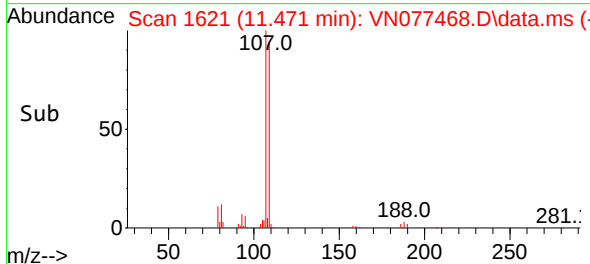
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



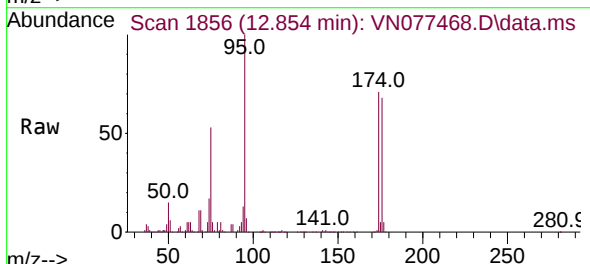
Tgt Ion:107 Resp: 385290
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8

Manual Integrations
APPROVED

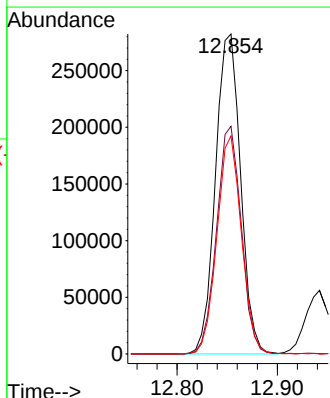
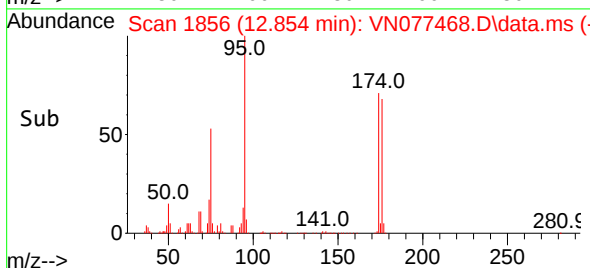
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

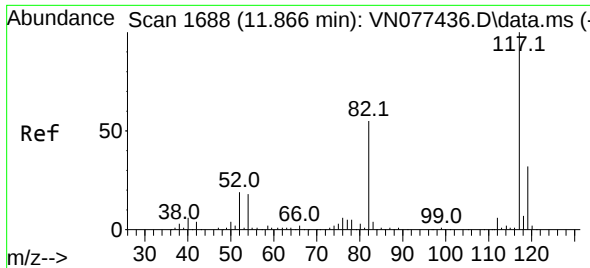


#62
4-Bromofluorobenzene
Concen: 59.785 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



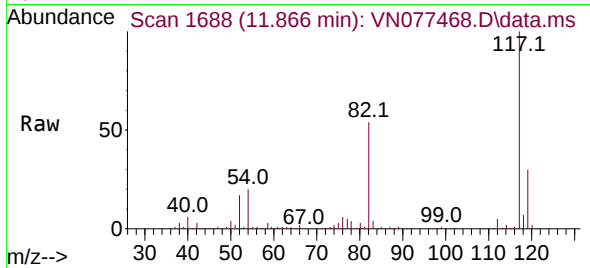
Tgt Ion: 95 Resp: 490840
Ion Ratio Lower Upper
95 100
174 70.0 0.0 143.8
176 66.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

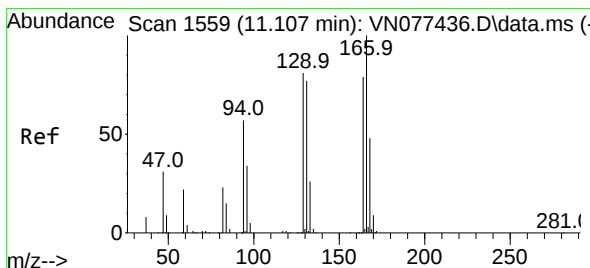
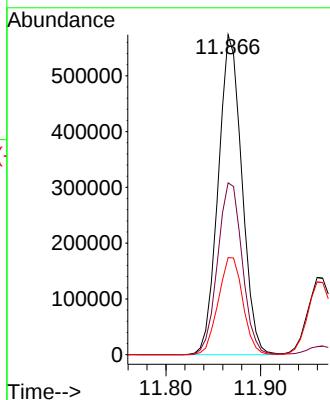
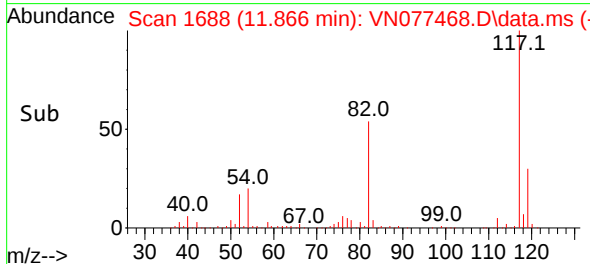
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



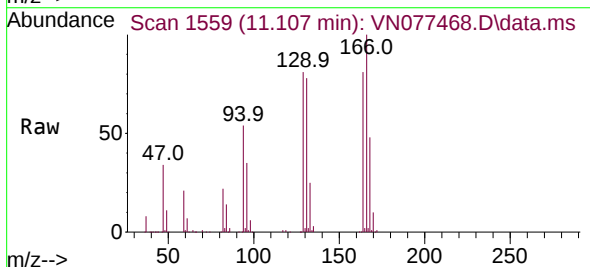
Tgt Ion:117 Resp: 996133
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 30.4 25.6 38.4

Manual Integrations
APPROVED

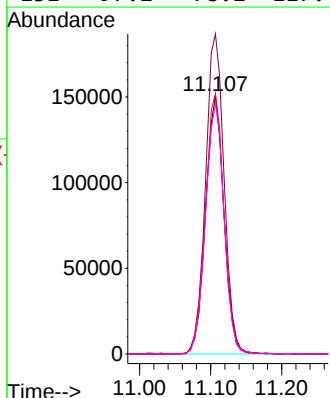
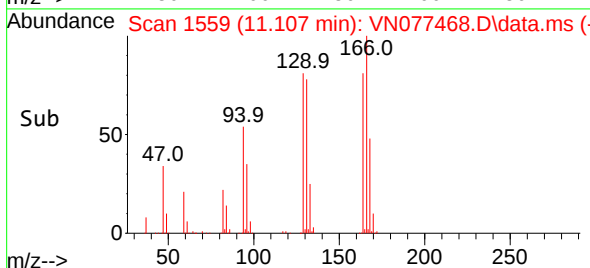
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

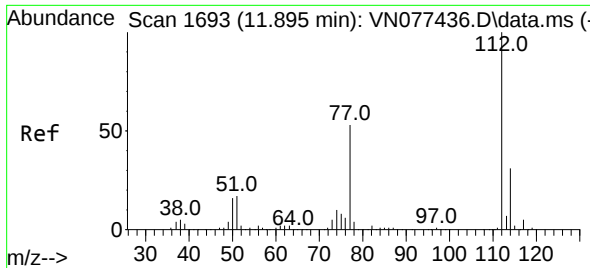


#64
Tetrachloroethene
Concen: 45.604 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



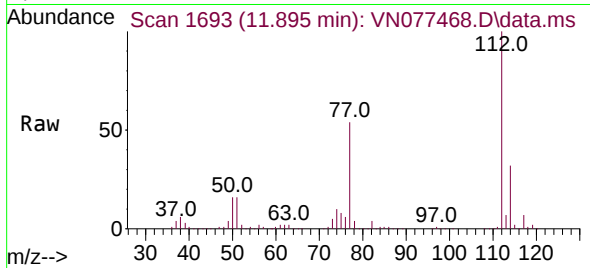
Tgt Ion:164 Resp: 271933
Ion Ratio Lower Upper
164 100
166 123.9 101.4 152.0
129 100.8 82.4 123.6
131 97.2 78.2 117.4





#65
Chlorobenzene
Concen: 46.123 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

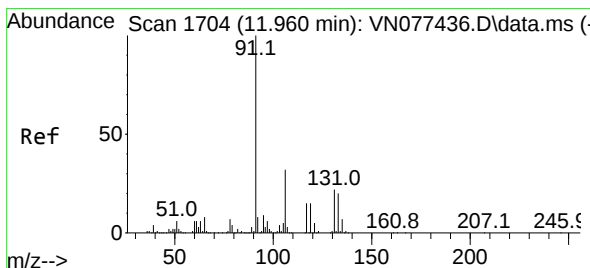
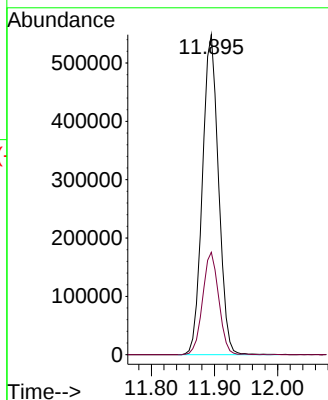
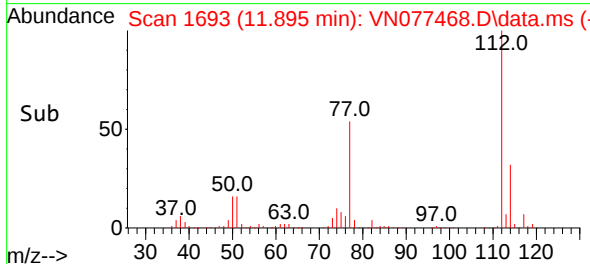
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



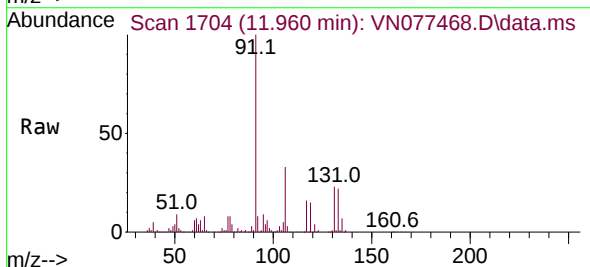
Tgt Ion:112 Resp: 972233
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

Manual Integrations
APPROVED

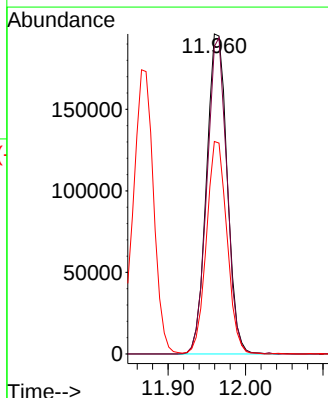
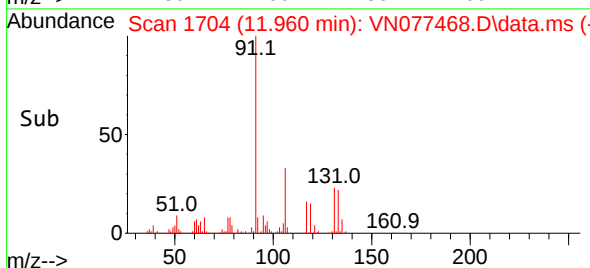
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

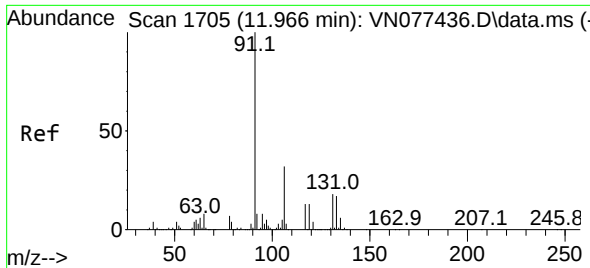


#66
1,1,1,2-Tetrachloroethane
Concen: 47.342 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



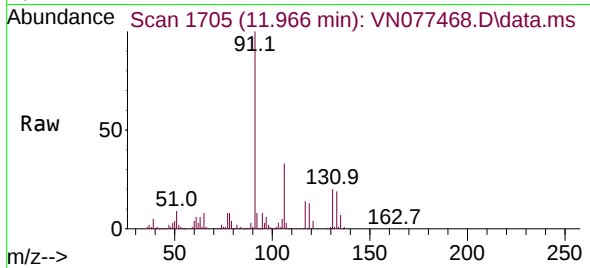
Tgt Ion:131 Resp: 363073
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 66.2 34.1 102.2





#67
Ethyl Benzene
Concen: 46.267 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

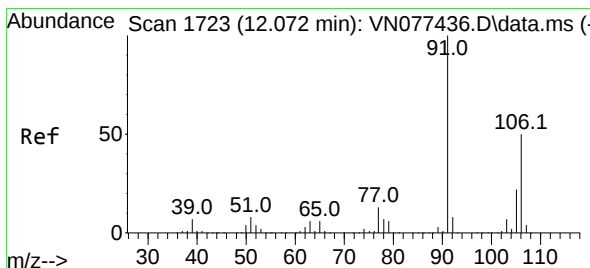
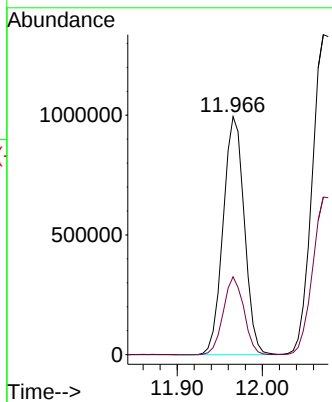
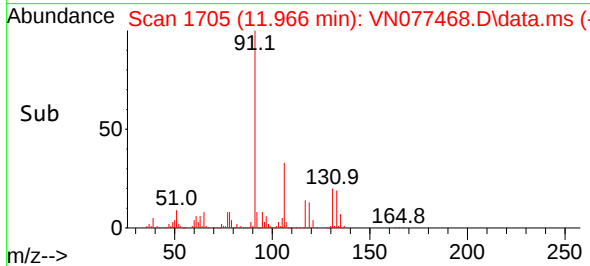
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



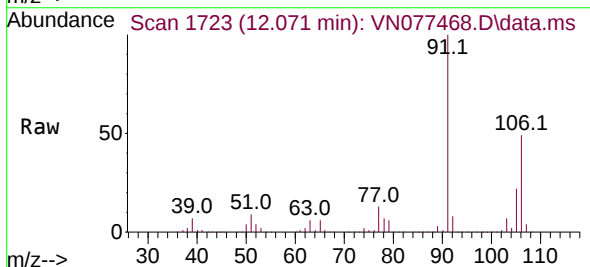
Tgt Ion: 91 Resp: 171683
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

Manual Integrations
APPROVED

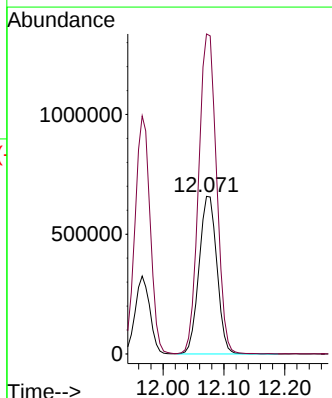
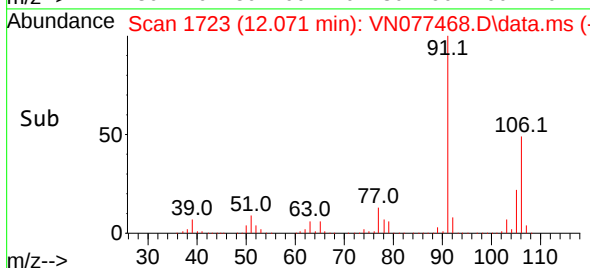
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

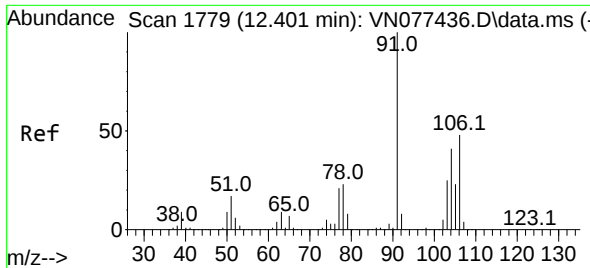


#68
m/p-Xylenes
Concen: 92.911 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



Tgt Ion:106 Resp: 1339948
Ion Ratio Lower Upper
106 100
91 203.3 159.6 239.4





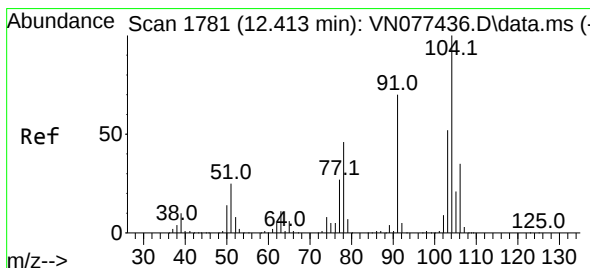
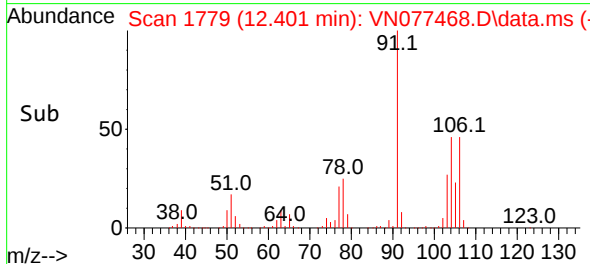
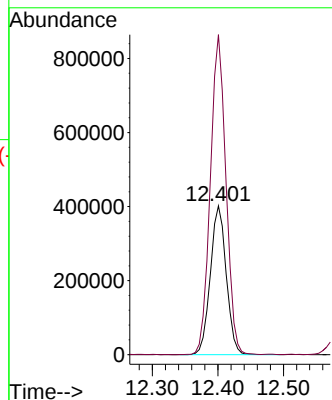
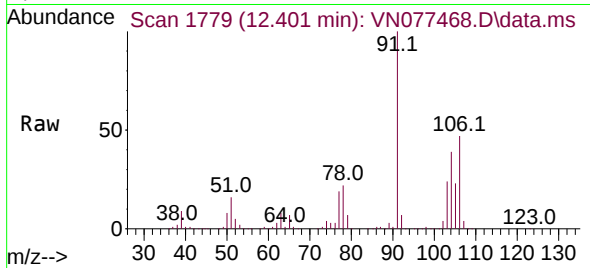
#69
o-Xylene
Concen: 47.757 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 677464
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.5

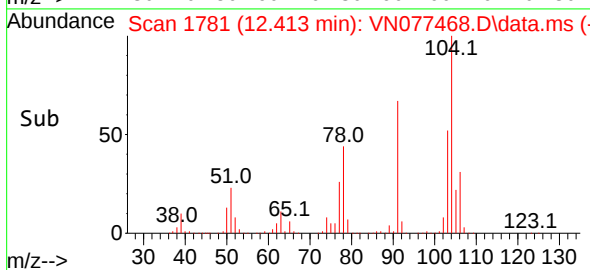
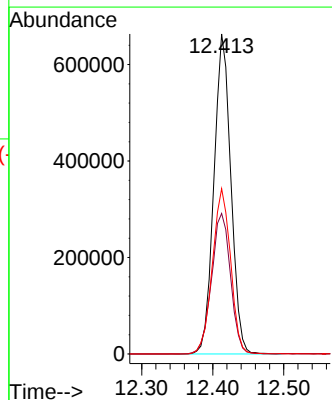
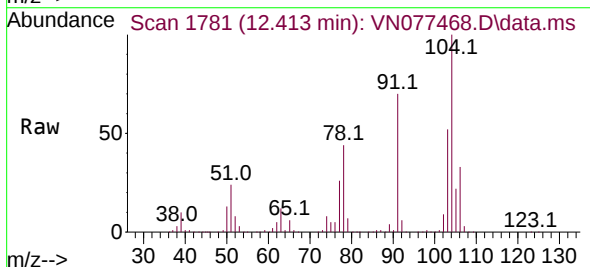
Manual Integrations
APPROVED

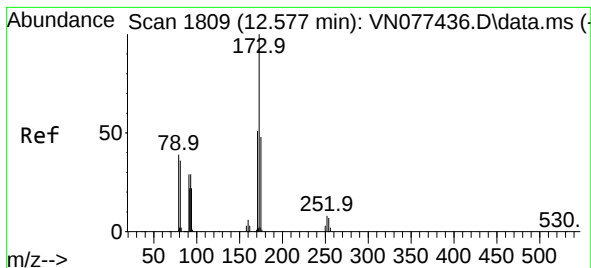
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#70
Styrene
Concen: 49.478 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Tgt Ion:104 Resp: 1097639
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 50.477 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 25326

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

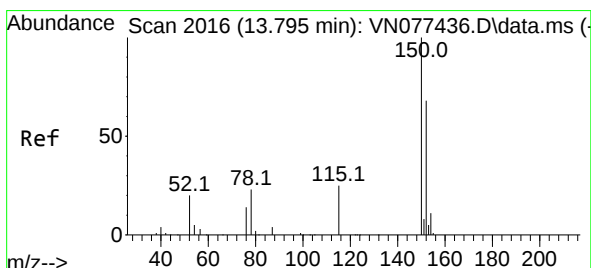
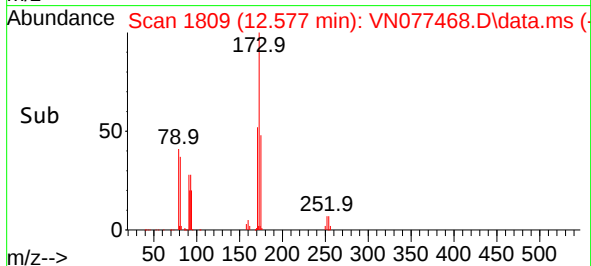
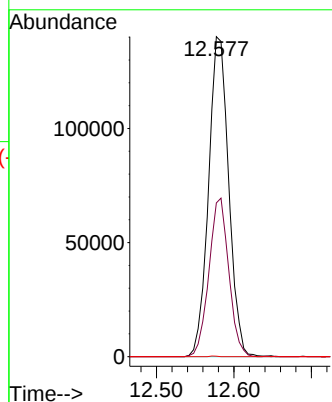
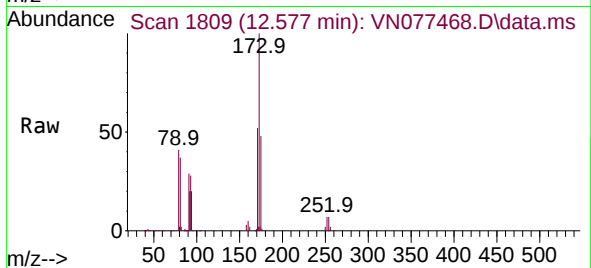
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

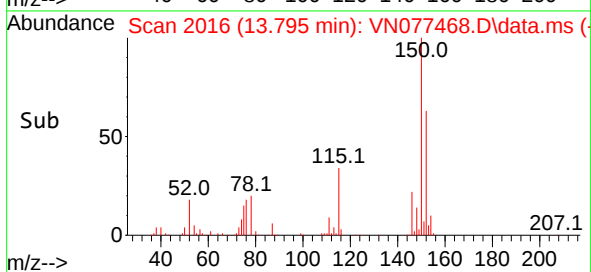
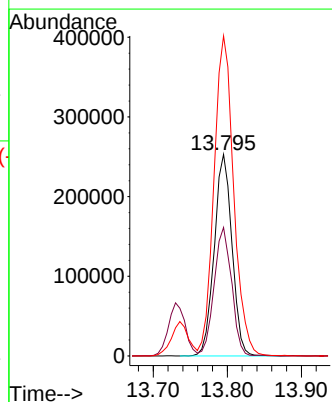
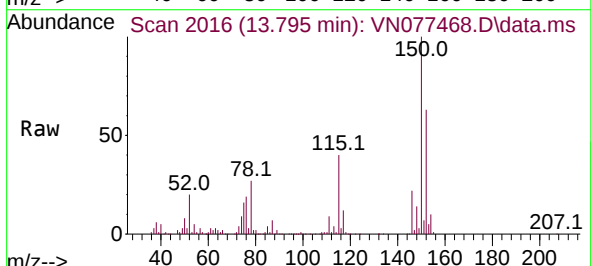
Tgt Ion:152 Resp: 420703

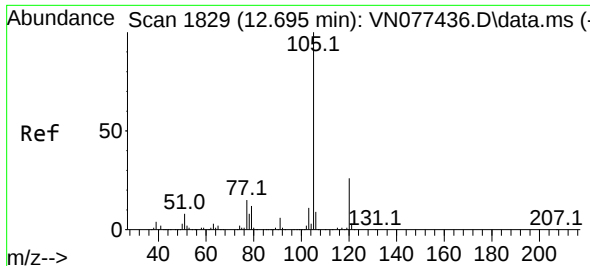
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

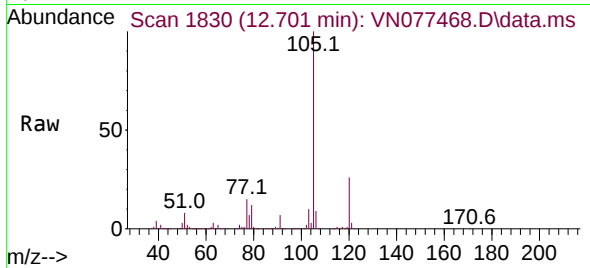
150 176.2 0.0 355.8





#73
Isopropylbenzene
Concen: 44.245 ug/l
RT: 12.701 min Scan# 1829
Delta R.T. 0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

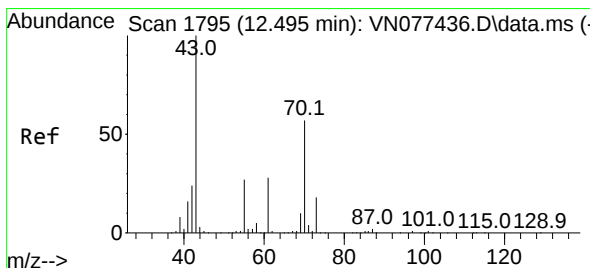
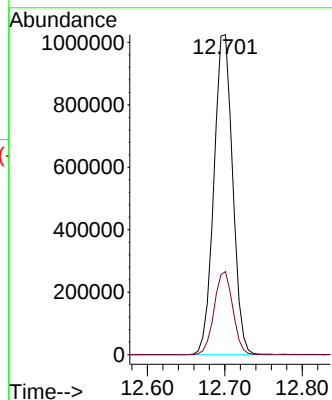
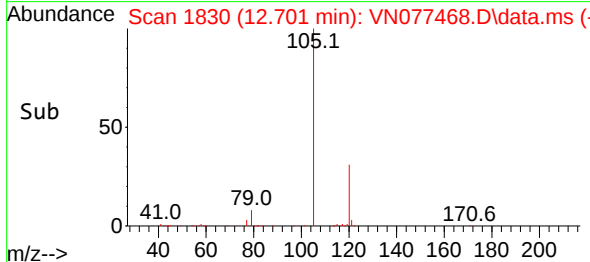
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 105 Resp: 1727290
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

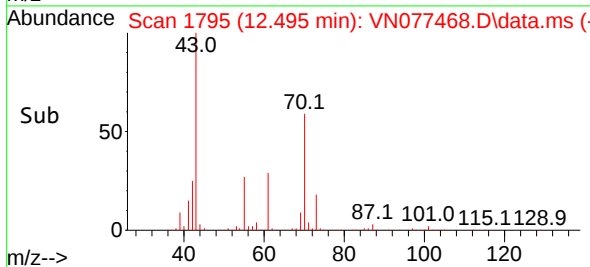
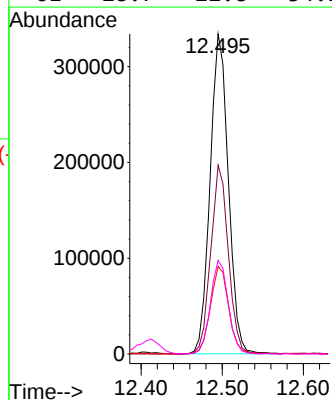
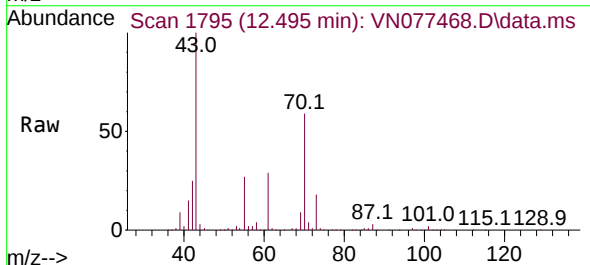
Manual Integrations
APPROVED

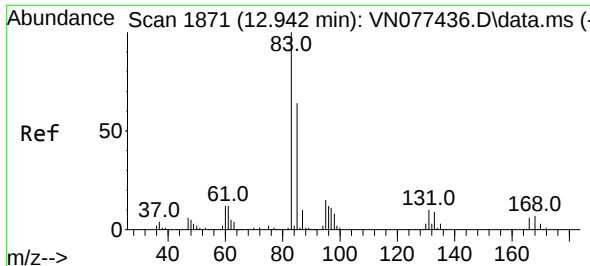
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#74
N-ethyl acetate
Concen: 45.030 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

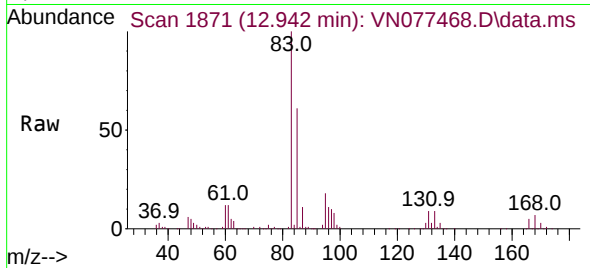
Tgt Ion: 43 Resp: 520454
Ion Ratio Lower Upper
43 100
70 56.9 43.4 65.2
55 27.4 21.4 32.0
61 28.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.563 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

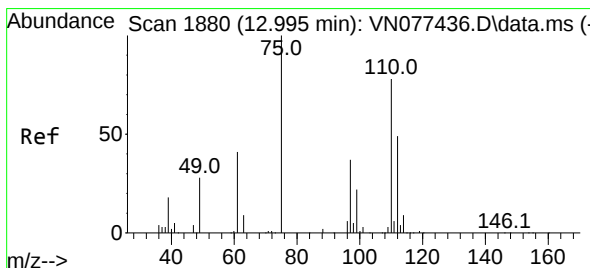
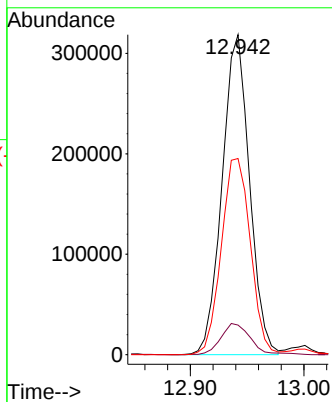
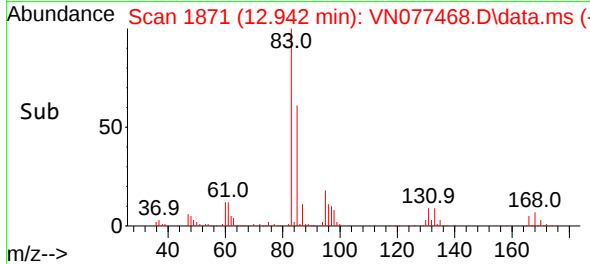
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 534364
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 64.9 31.9 95.7

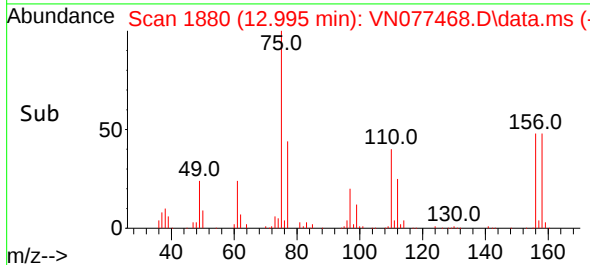
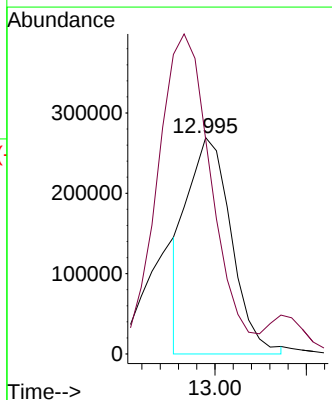
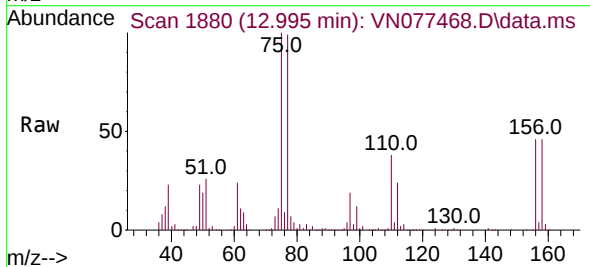
Manual Integrations
APPROVED

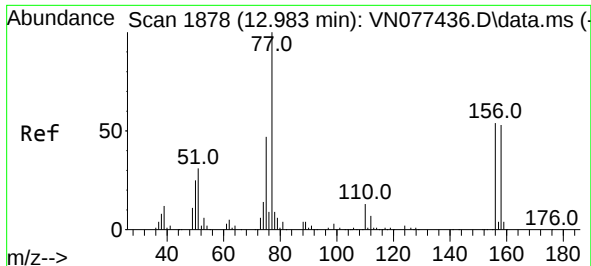
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#76
1,2,3-Trichloropropane
Concen: 46.462 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

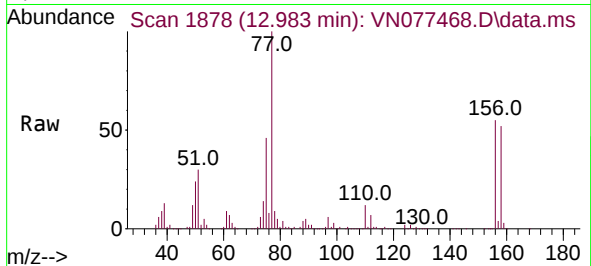
Tgt Ion: 75 Resp: 454538
Ion Ratio Lower Upper
75 100
77 181.6 84.5 253.5





#77
Bromobenzene
Concen: 44.623 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

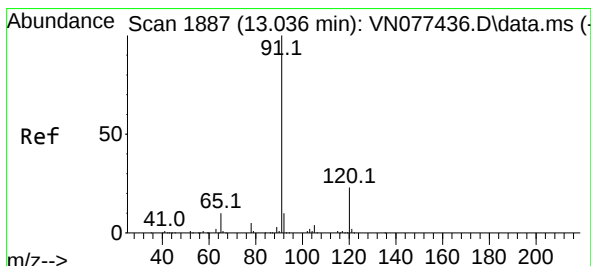
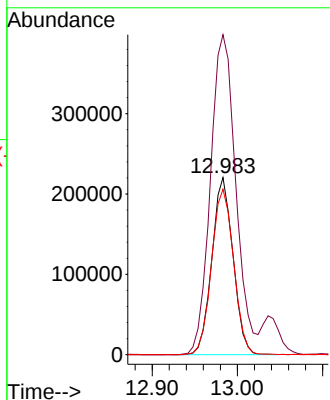
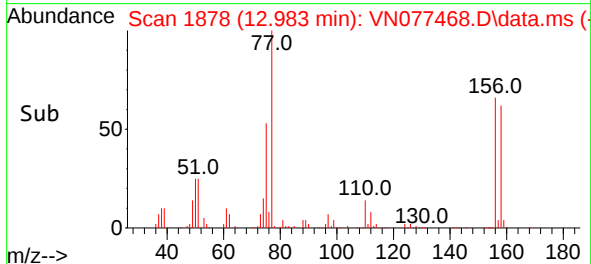
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



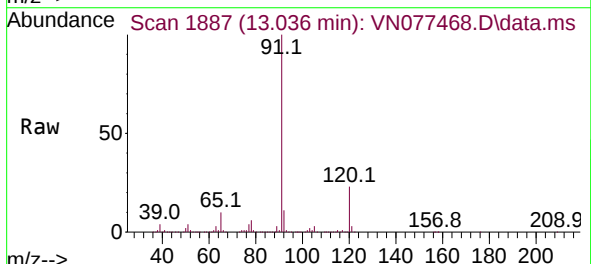
Tgt Ion:156 Resp: 379668
Ion Ratio Lower Upper
156 100
77 217.4 107.7 323.3
158 97.7 48.4 145.3

Manual Integrations
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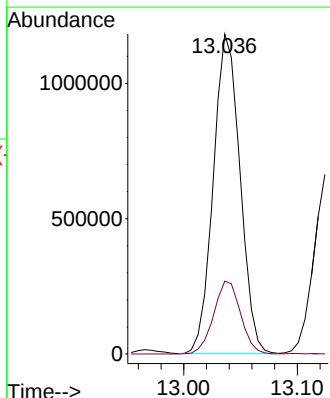
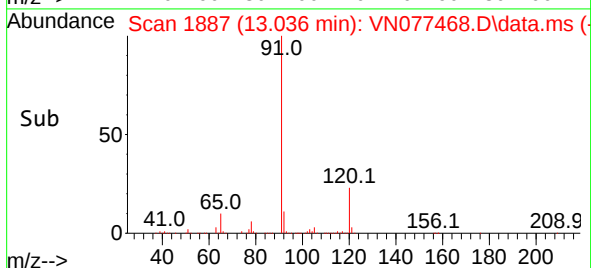
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

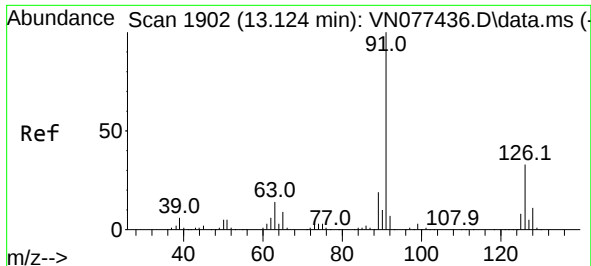


#78
n-propylbenzene
Concen: 44.715 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



Tgt Ion: 91 Resp: 1930148
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 44.612 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 118729

Ion Ratio Lower Upper

91 100

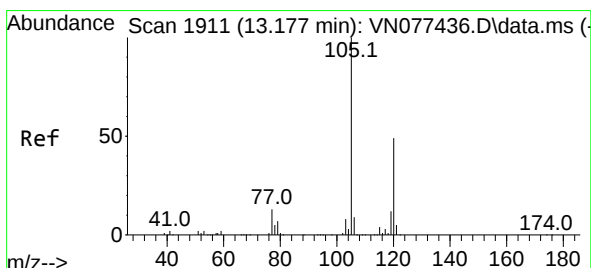
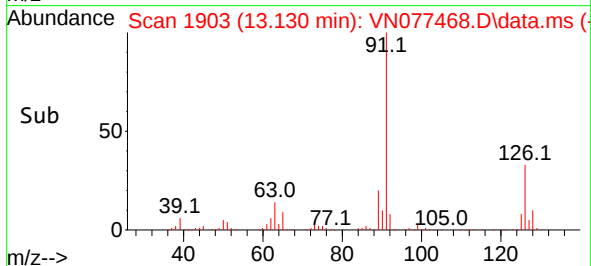
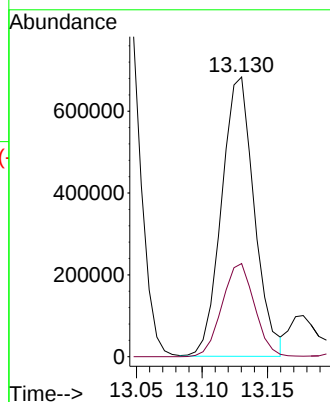
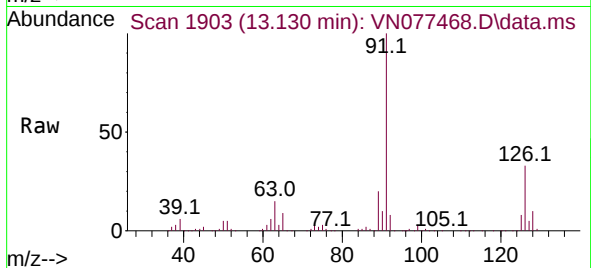
126 33.0 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#80

1,3,5-Trimethylbenzene

Concen: 49.978 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077468.D

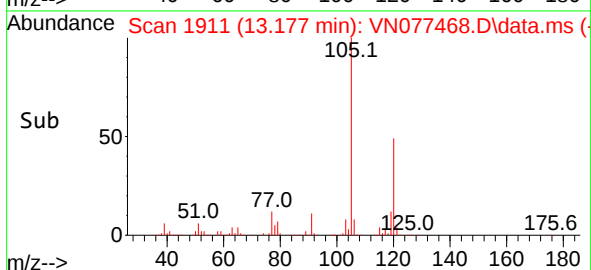
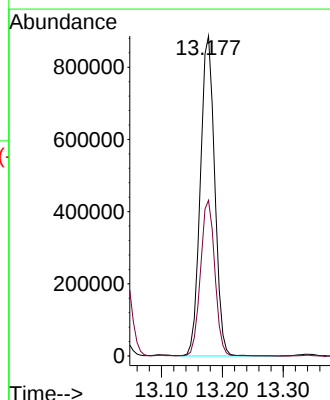
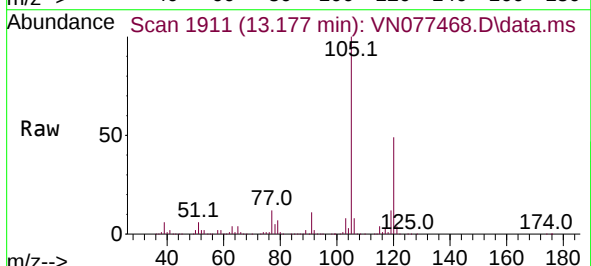
Acq: 25 Apr 2023 13:33

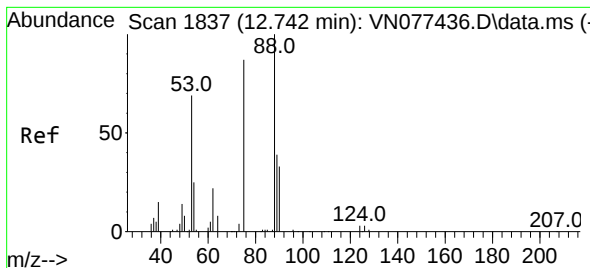
Tgt Ion:105 Resp: 1448945

Ion Ratio Lower Upper

105 100

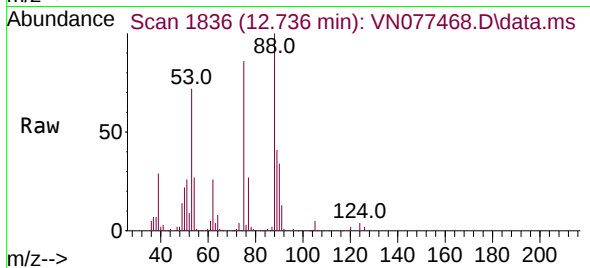
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 41.889 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

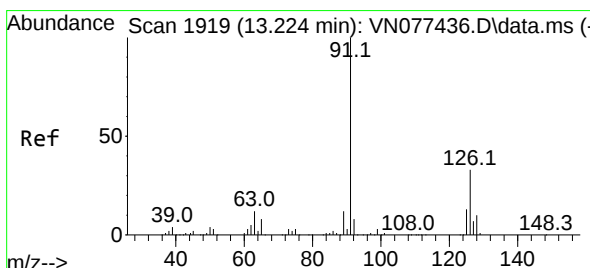
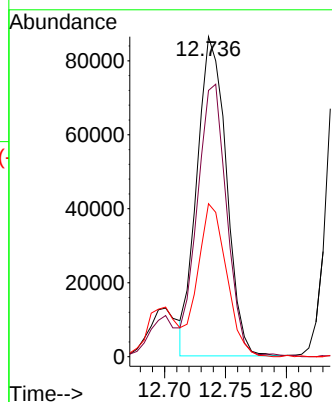
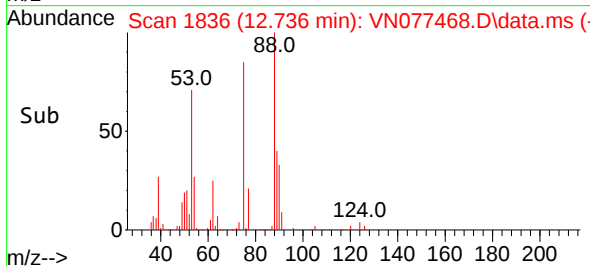
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 145052
Ion Ratio Lower Upper
75 100
53 87.3 67.4 101.2
89 47.3 38.8 58.2

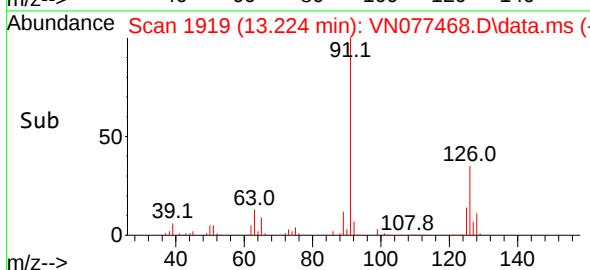
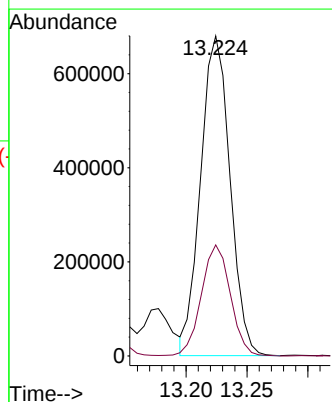
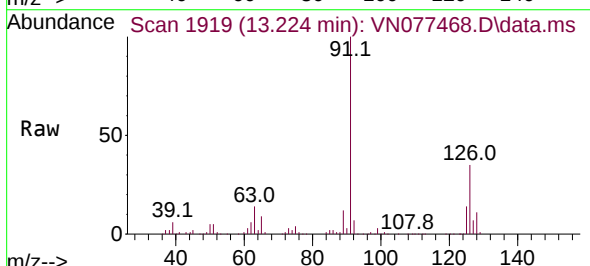
Manual Integrations
APPROVED

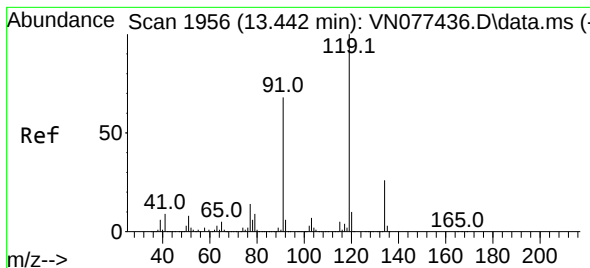
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#82
4-Chlorotoluene
Concen: 45.834 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Tgt Ion: 91 Resp: 1139849
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





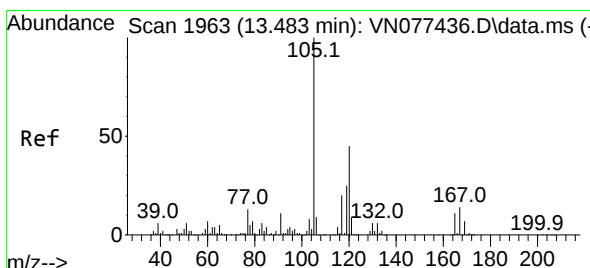
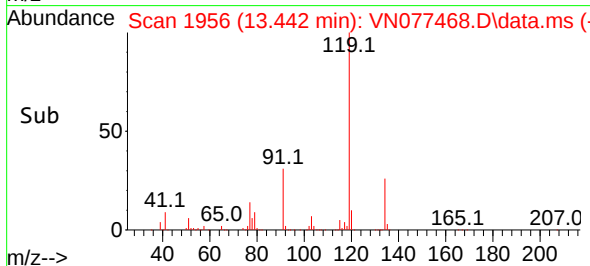
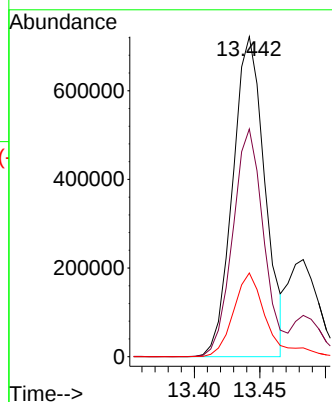
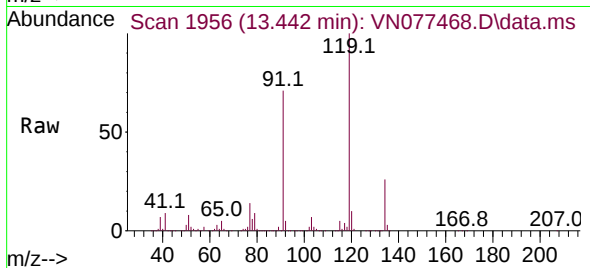
#83
tert-Butylbenzene
Concen: 43.787 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 123282
Ion Ratio Lower Upper
119 100
91 69.3 33.9 101.7
134 26.9 13.2 39.6

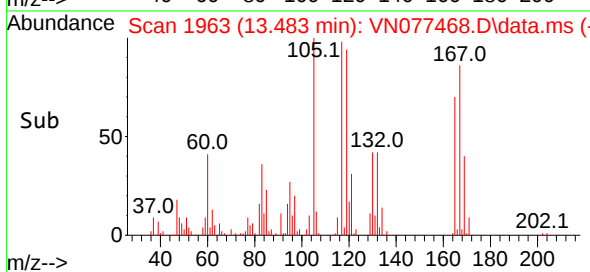
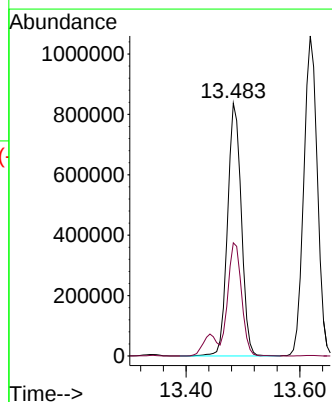
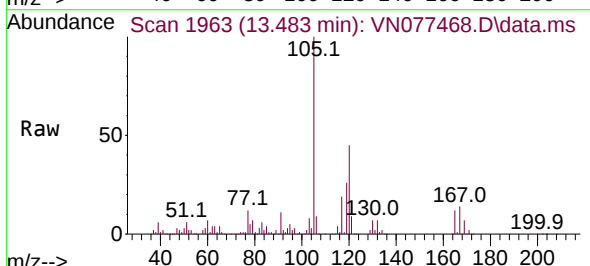
Manual Integrations
APPROVED

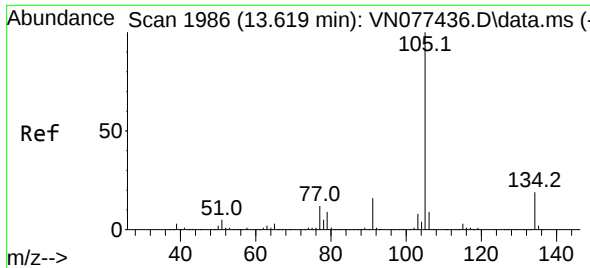
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.025 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

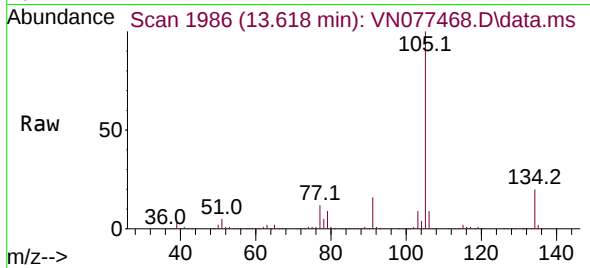
Tgt Ion:105 Resp: 1408630
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 45.446 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077468.D
 Acq: 25 Apr 2023 13:33

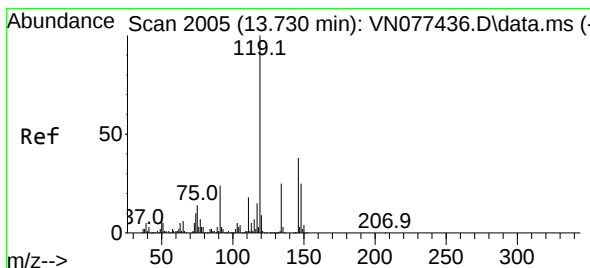
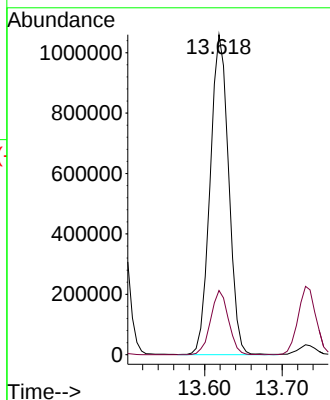
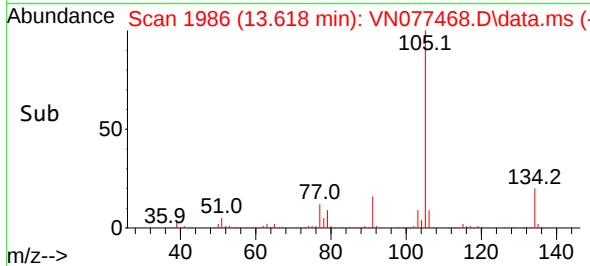
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



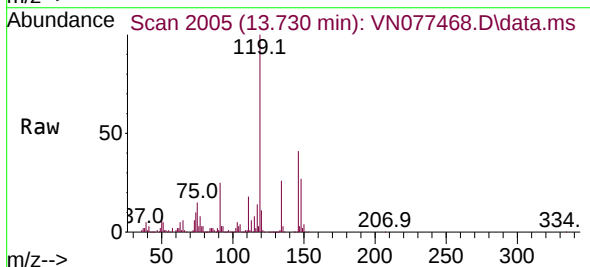
Tgt Ion:105 Resp: 175626
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

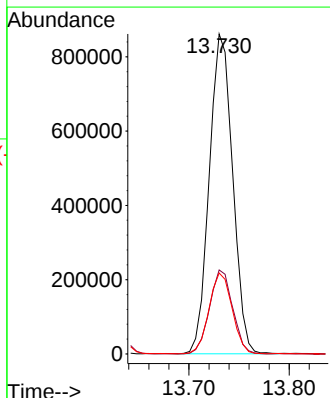
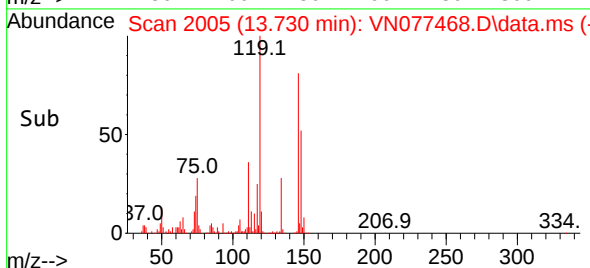
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

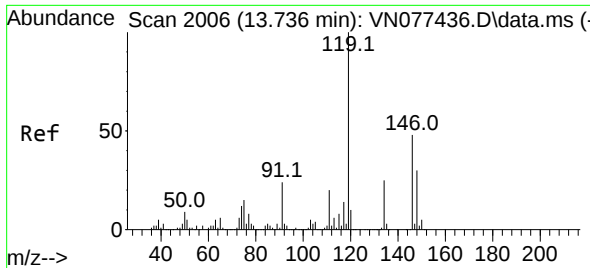


#86
 p-Isopropyltoluene
 Concen: 46.868 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077468.D
 Acq: 25 Apr 2023 13:33



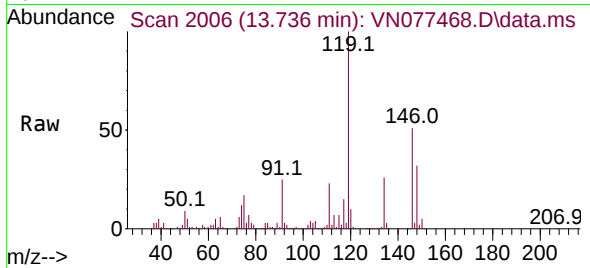
Tgt Ion:119 Resp: 1393566
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 45.459 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

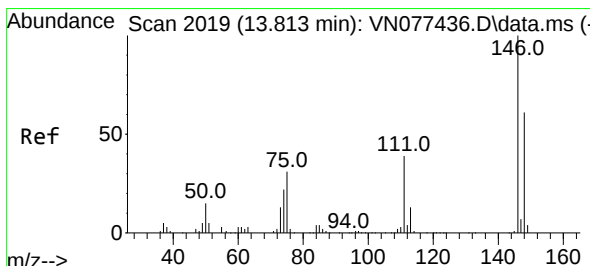
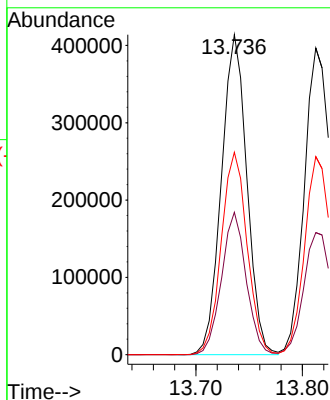
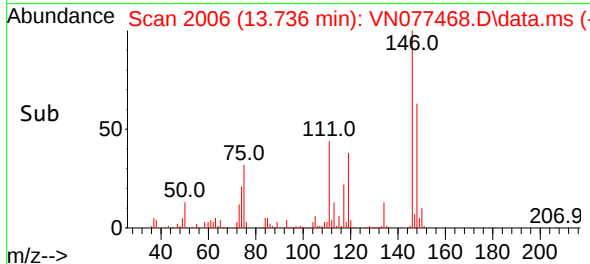
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



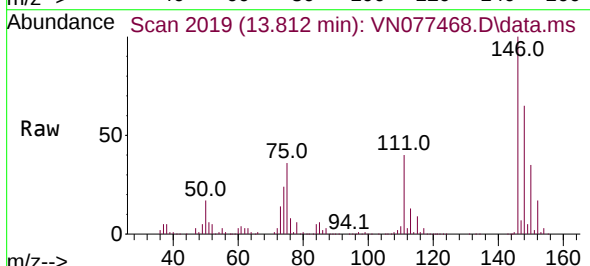
Tgt Ion:146 Resp: 687859
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.3
148 64.1 32.0 96.0

Manual Integrations
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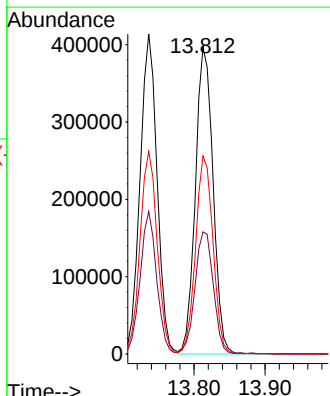
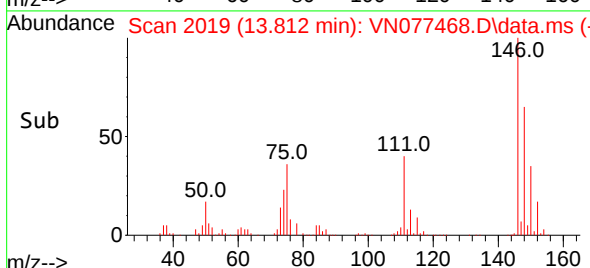
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

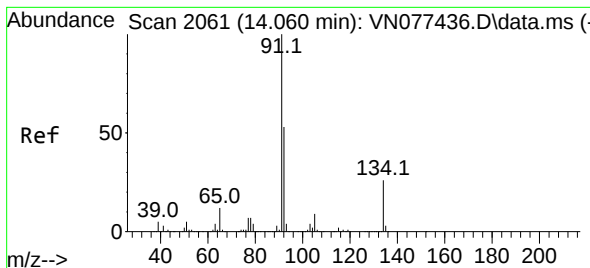


#88
1,4-Dichlorobenzene
Concen: 45.952 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



Tgt Ion:146 Resp: 686544
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 63.1 31.6 94.8





#89

n-Butylbenzene

Concen: 48.687 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077468.D

Acq: 25 Apr 2023 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1120318

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

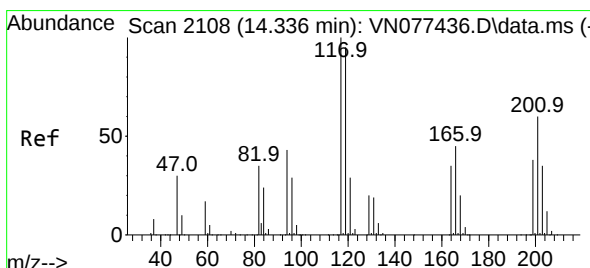
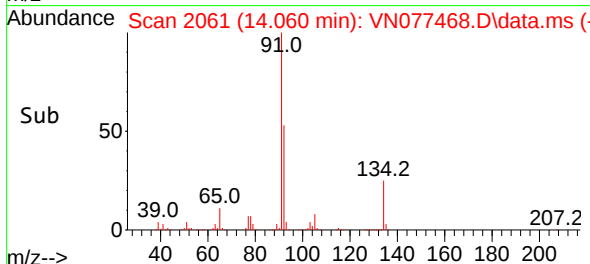
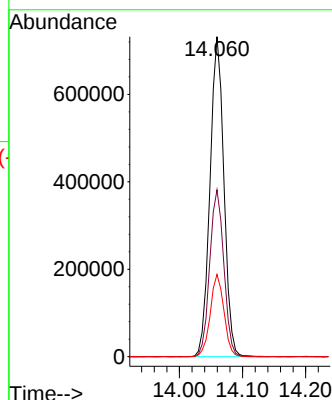
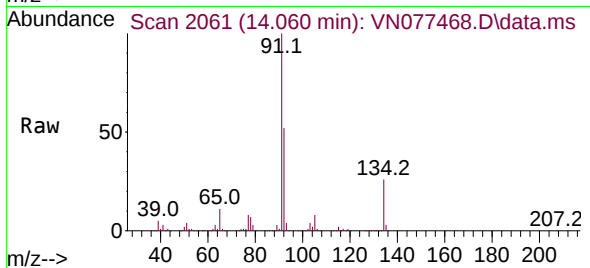
134 25.2 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#90

Hexachloroethane

Concen: 42.898 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077468.D

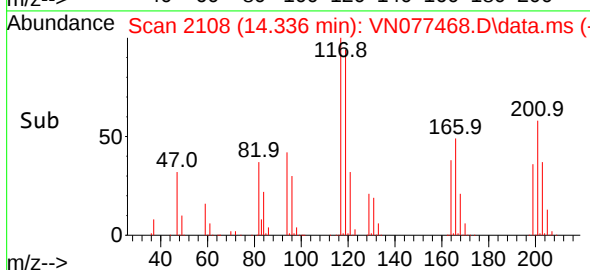
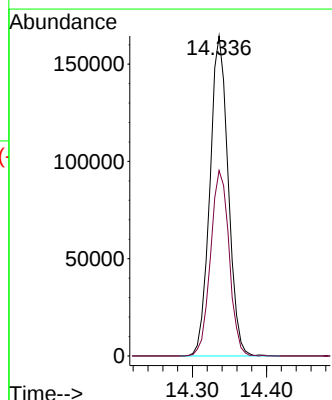
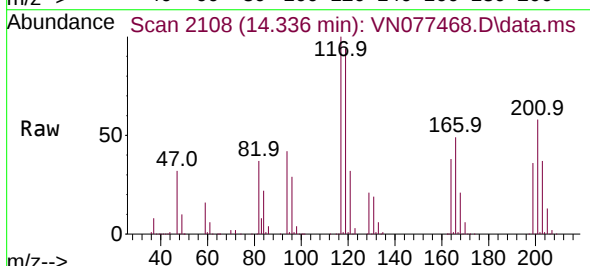
Acq: 25 Apr 2023 13:33

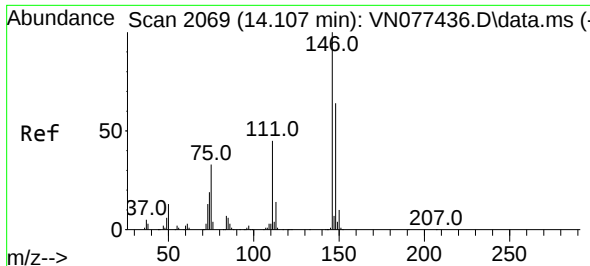
Tgt Ion:117 Resp: 281795

Ion Ratio Lower Upper

117 100

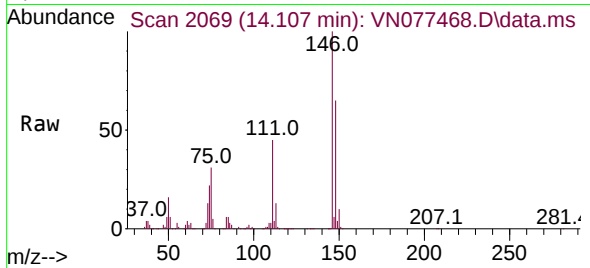
201 58.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.698 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

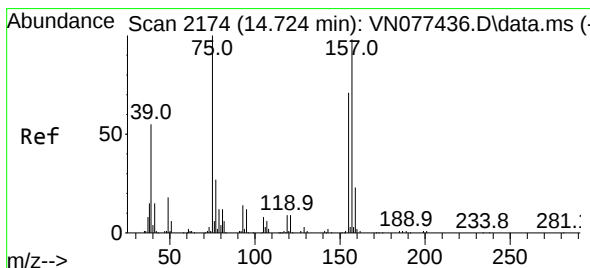
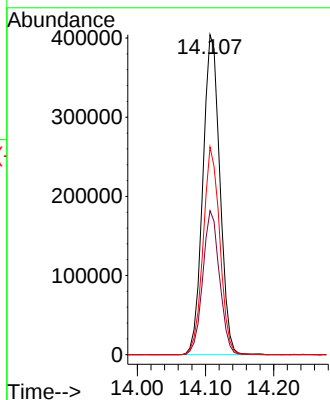
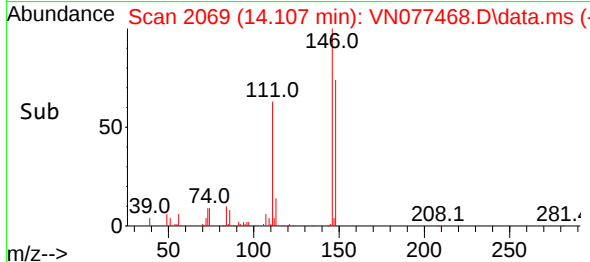
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



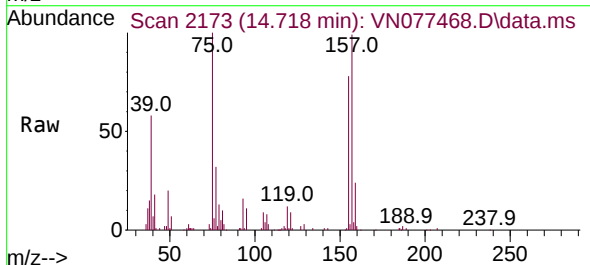
Tgt Ion:146 Resp: 700824
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 63.6 31.8 95.3

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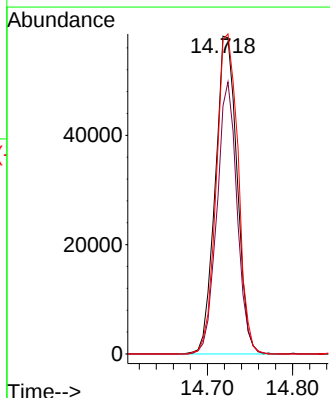
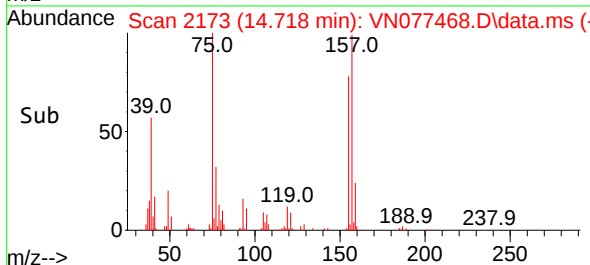
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

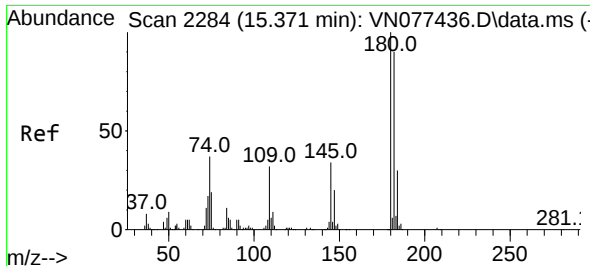


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.546 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



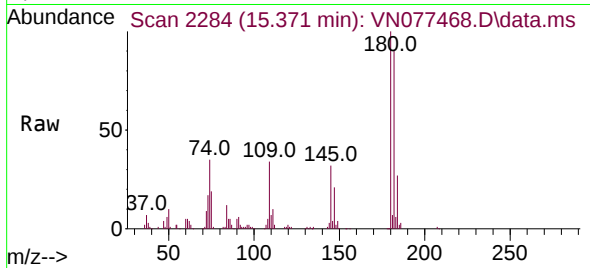
Tgt Ion: 75 Resp: 103313
Ion Ratio Lower Upper
75 100
155 79.2 39.1 117.2
157 100.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 45.804 ug/l
RT: 15.371 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

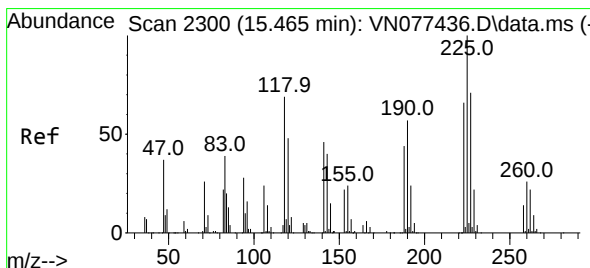
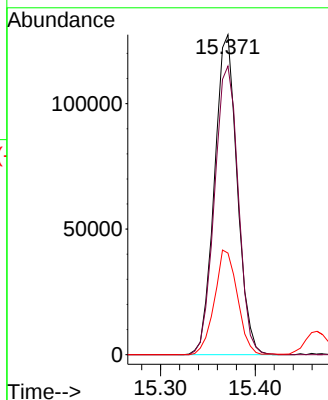
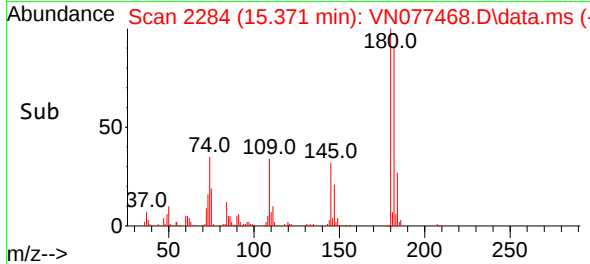
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



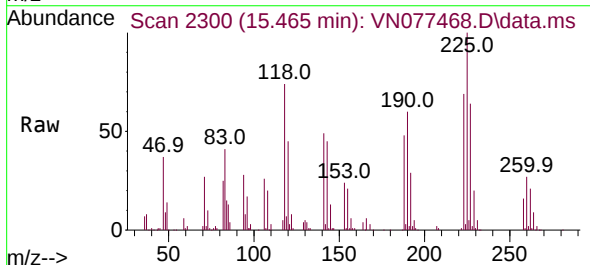
Tgt Ion:180 Resp: 213434
Ion Ratio Lower Upper
180 100
182 93.7 46.1 138.2
145 33.0 16.6 49.8

Manual Integrations
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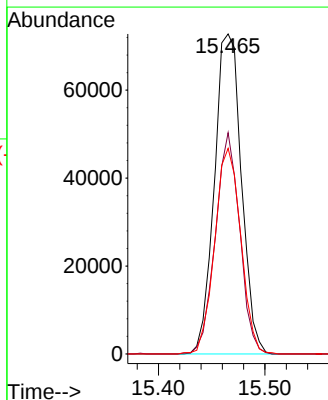
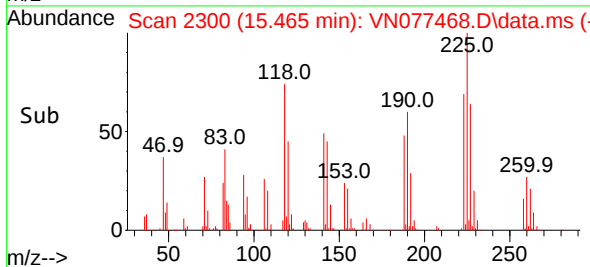
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

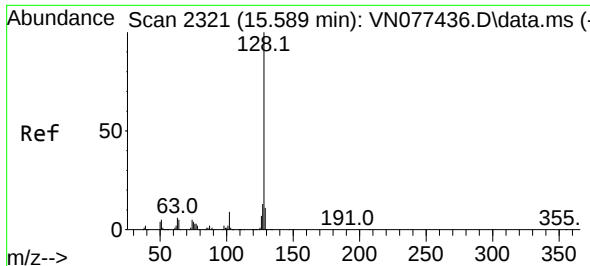


#94
Hexachlorobutadiene
Concen: 42.218 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



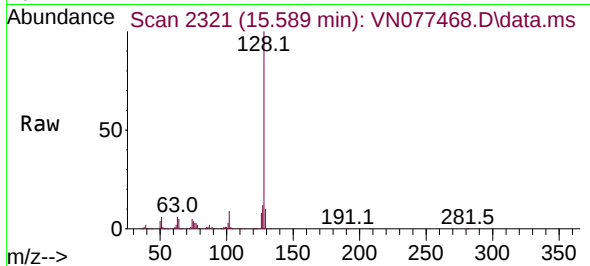
Tgt Ion:225 Resp: 128035
Ion Ratio Lower Upper
225 100
223 62.0 31.3 93.8
227 62.0 31.9 95.9





#95
Naphthalene
Concen: 47.817 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33

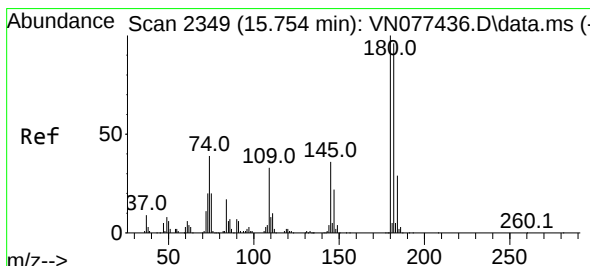
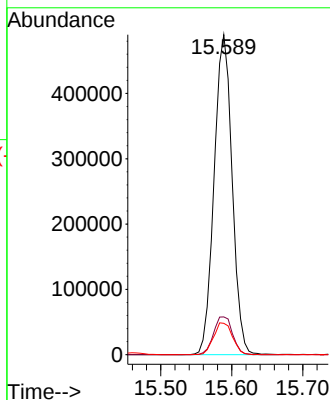
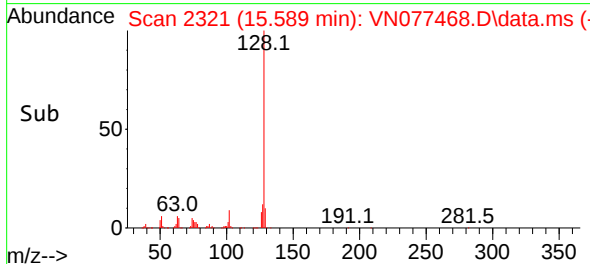
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



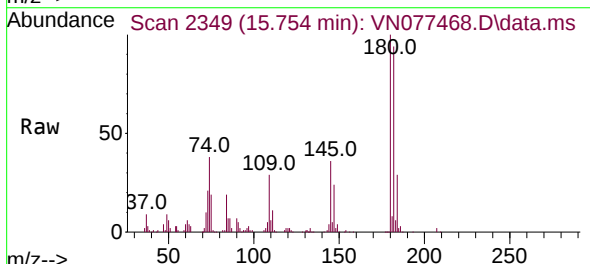
Tgt Ion:128 Resp: 86010
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.255 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077468.D
Acq: 25 Apr 2023 13:33



Tgt Ion:180 Resp: 202434
Ion Ratio Lower Upper
180 100
182 92.5 46.2 138.6
145 34.6 17.5 52.6

