

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040108.D
 Acq On : 19 Jan 2023 11:30
 Operator : SY/MD
 Sample : VL0119ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABS01

Quant Time: Jan 20 02:04:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1111976	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2799770	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2677015	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2192774	9.856	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	2106647	10.805	ppbv	99
3) Chlorodifluoromethane	2.661	51	1260147	9.448	ppbv	98
4) Chloromethane	2.800	50	807531	9.796	ppbv	100
5) Vinyl Chloride	2.906	62	696704	9.969	ppbv	98
6) Bromomethane	3.108	94	245508	9.627	ppbv	99
7) Chloroethane	3.186	64	247785	9.276	ppbv	99
8) Dichlorotetrafluoroethane	2.845	85	1750784	9.619	ppbv	99
9) Propene	2.681	41	539598	9.738	ppbv	100
10) Heptane	7.578	43	1352493	10.590	ppbv	100
11) Trichlorofluoromethane	3.552	101	1804159	9.272	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.057	101	1318953	9.017	ppbv	97
13) Ethanol	3.234	45	32067	6.287	ppbv	87
14) Bromoethene	3.356	108	541272	9.968	ppbv	100
15) Acetone	3.456	43	1227197	9.202	ppbv	99
16) 1,3-Butadiene	2.973	39	620795	9.985	ppbv	99
17) tert-Butyl alcohol	3.870	59	1245309	10.028	ppbv	100
18) 1,1-Dichloroethene	3.870	96	600182	9.443	ppbv	98
19) Isopropyl Alcohol	3.565	45	608463	9.325	ppbv	99
20) Methylene Chloride	3.925	84	514517	8.745	ppbv	97
21) Allyl Chloride	3.989	41	859843	10.041	ppbv	98
22) trans-1,2-Dichloroethene	4.440	96	619238	9.535	ppbv	95
23) Vinyl Acetate	4.616	43	427532	9.890	ppbv #	97
24) 1,1-Dichloroethane	4.559	63	1256150	9.596	ppbv	99
25) Ethyl Acetate	5.198	43	2491869	10.606	ppbv	100
26) Hexane	5.208	57	1041719	10.132	ppbv	99
27) Carbon Disulfide	4.115	76	1486755	11.162	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	1139801	9.854	ppbv	100
29) Chloroform	5.269	83	1790481	10.892	ppbv	97
30) Cyclohexane	6.600	84	867695	10.616	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	1036677	10.415	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1770004	10.593	ppbv	99
34) 2-Butanone	4.780	43	1381977	10.435	ppbv	100
35) Carbon Tetrachloride	6.494	117	1853626	11.709	ppbv	99
36) Benzene	6.369	78	2231766	10.772	ppbv	99
37) 1,2-Dichloroethane	5.803	62	1393225	10.462	ppbv	100
38) Trichloroethene	7.288	130	1327672	11.291	ppbv	96
39) 1,2-Dichloropropane	7.073	63	872089	10.761	ppbv	97
40) 1,4-Dioxane	7.288	88	355333	11.048	ppbv	95
41) Tetrahydrofuran	5.552	42	875685	11.456	ppbv	99
42) Bromodichloromethane	7.250	83	2000290	11.123	ppbv	100
43) Methyl Methacrylate	7.475	69	899778	11.834	ppbv	100
44) 2,2,4-Trimethylpentane	7.324	57	3682155	10.687	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	891190	13.145	ppbv	96

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 ClientSampleId :
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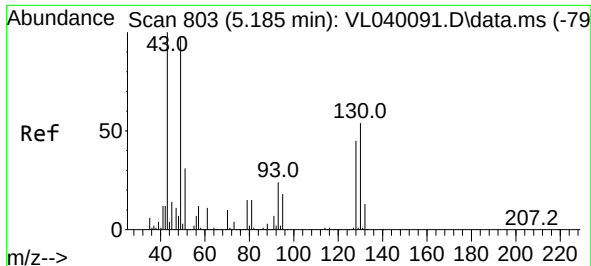
Quant Time: Jan 20 02:04:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.144	75	1187528	12.818	ppbv	100
47) 1,1,2-Trichloroethane	8.902	97	934546	10.953	ppbv	99
48) Dibromochloromethane	9.713	129	1626920	11.864	ppbv	99
49) Bromoform	12.414	173	1300450	12.310	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2321320	11.144	ppbv	100
51) 2-Hexanone	9.552	43	1839899	11.659	ppbv #	98
52) Tetrachloroethene	10.619	164	756286	11.158	ppbv	98
53) Toluene	9.224	91	2556482	11.569	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1070118	11.980	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.513	131	1156109	11.096	ppbv	98
57) Chlorobenzene	11.533	112	1950869	10.691	ppbv	97
58) Ethyl Benzene	12.095	91	3479257	11.646	ppbv	99
59) m/p-Xylene	12.378	91	3115563	11.599	ppbv #	36
60) o-Xylene	13.063	91	2908024	11.406	ppbv	100
61) Styrene	12.902	104	1683990	12.675	ppbv	99
62) Isopropylbenzene	14.034	105	4053723	11.054	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.057	83	990858	10.703	ppbv	100
64) n-propylbenzene	14.921	120	1031585	11.316	ppbv	98
65) tert-Butylbenzene	16.098	119	3518821	11.208	ppbv	99
66) Benzyl Chloride	16.339	91	262244	12.222	ppbv #	97
67) sec-Butylbenzene	16.645	105	4971926	11.170	ppbv	100
69) p-Isopropyltoluene	17.005	119	3993728	11.418	ppbv	99
70) n-Butylbenzene	17.896	91	4304652	11.412	ppbv	100
71) 2-Chlorotoluene	14.809	91	3170099	11.240	ppbv	99
72) 4-Ethyltoluene	15.201	105	3273140	11.569	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2910299	11.425	ppbv	98
74) 1,2,4-Trimethylbenzene	16.114	105	3142570	11.137	ppbv	96
75) 1,3-Dichlorobenzene	16.339	146	1752584	11.183	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1704354	11.060	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	1636207	10.917	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	598451	5.451	ppbv #	18
79) Naphthalene	21.397	128	2258589	13.972	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	695408	12.767	ppbv	96
81) 1,2,4-Trichlorobenzene	21.149	180	1164848	11.691	ppbv	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration

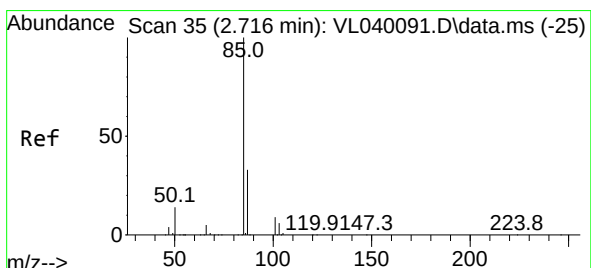
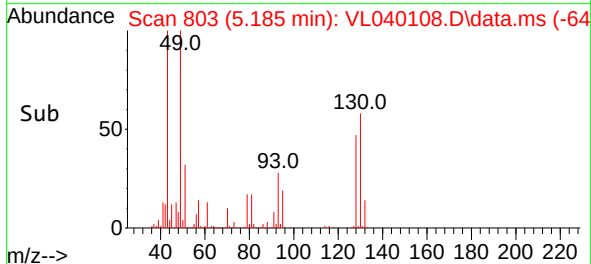
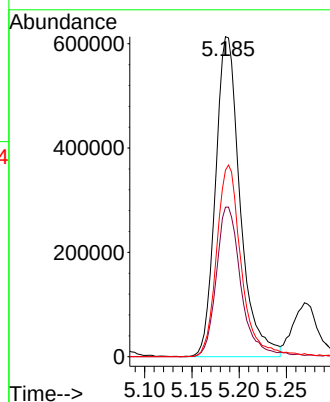
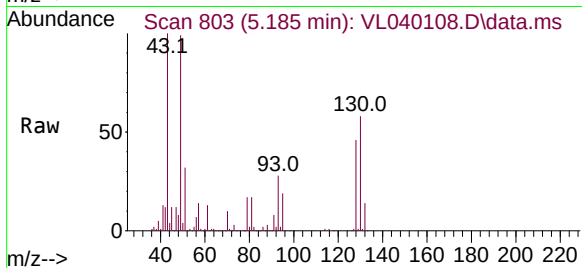




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

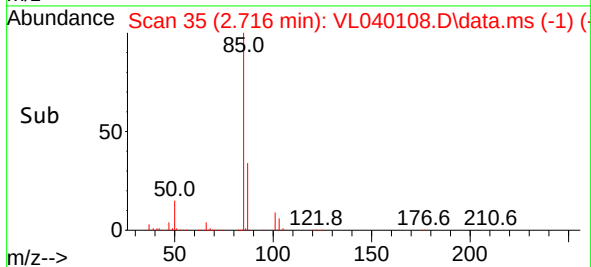
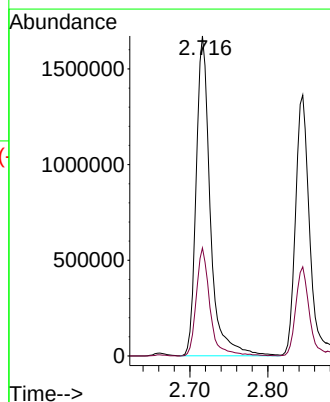
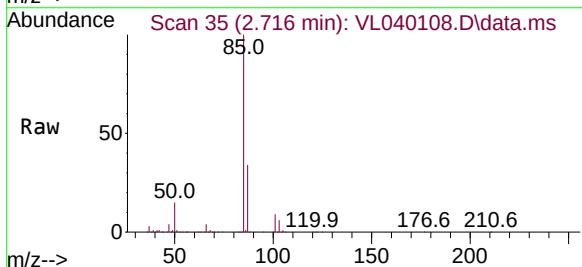
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

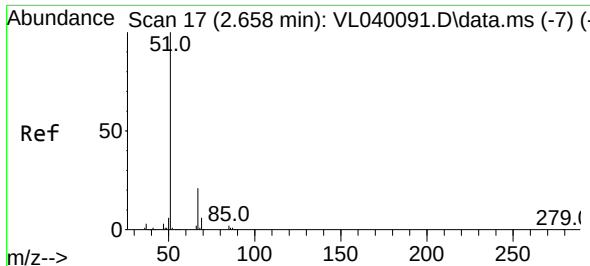
Tgt Ion: 49 Resp: 1111976
Ion Ratio Lower Upper
49 100
128 47.8 23.6 71.0
130 60.4 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 10.805 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 85 Resp: 2106647
Ion Ratio Lower Upper
85 100
87 33.8 26.5 39.7

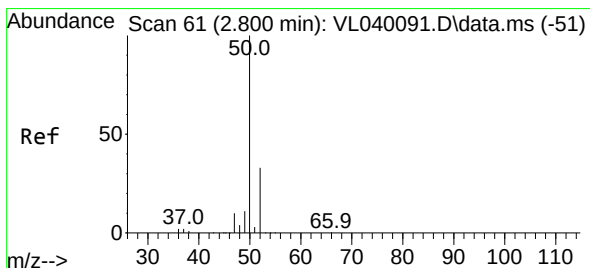
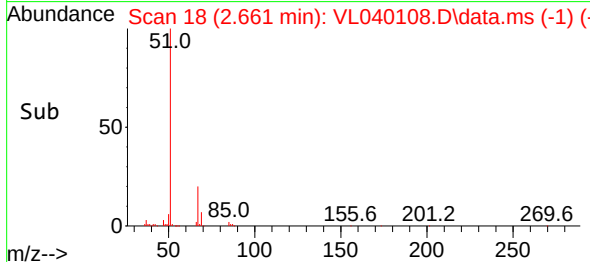
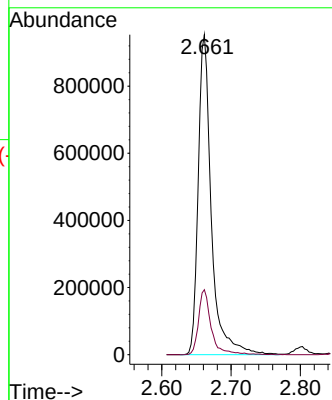
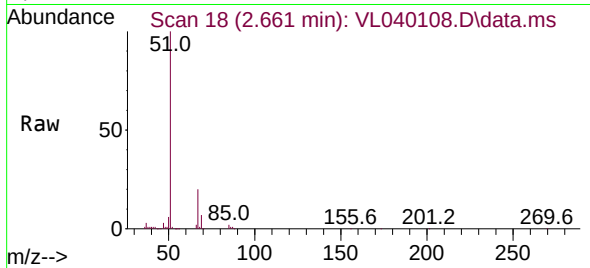




#3
Chlorodifluoromethane
Concen: 9.448 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

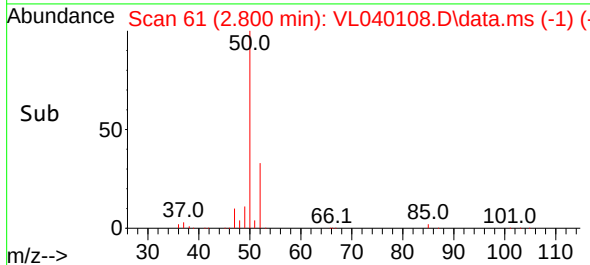
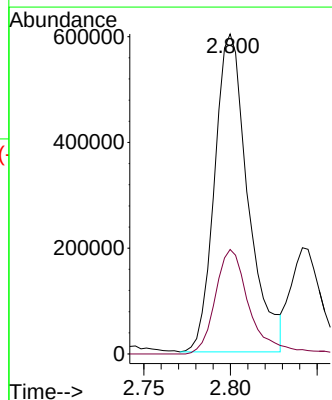
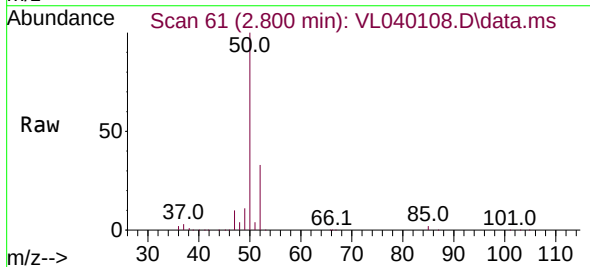
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ClientSampleId :
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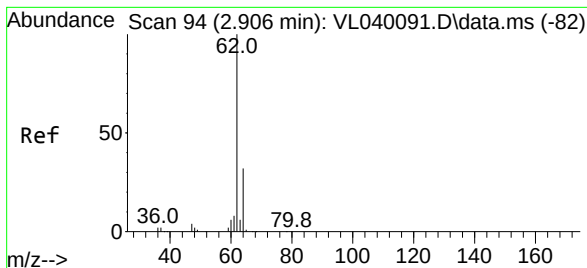
Tgt Ion: 51 Resp: 1260147
Ion Ratio Lower Upper
51 100
67 19.7 16.4 24.6



#4
Chloromethane
Concen: 9.796 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 50 Resp: 807531
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

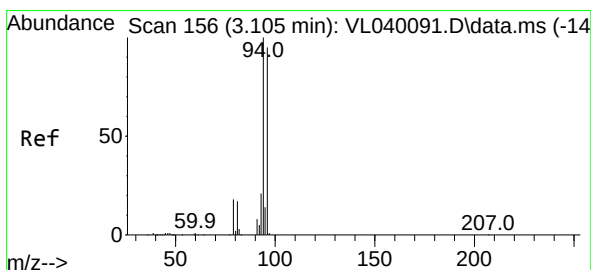
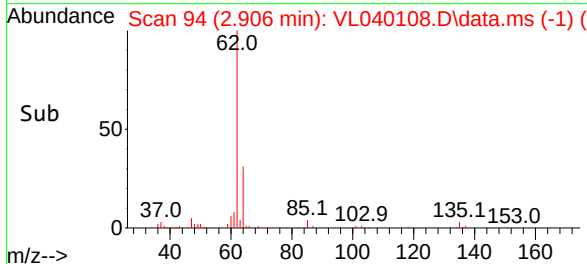
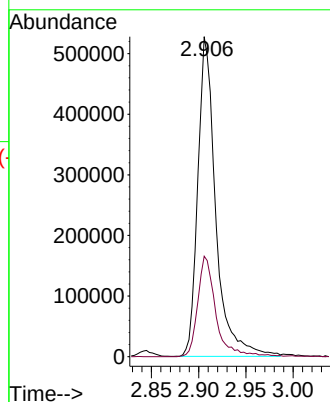
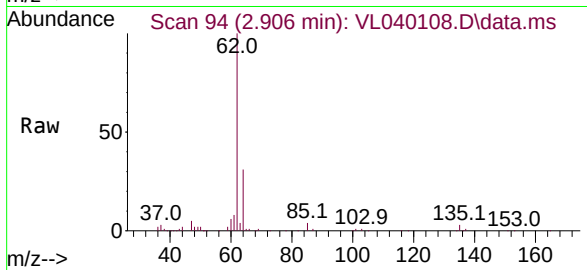




#5
 Vinyl Chloride
 Concen: 9.969 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

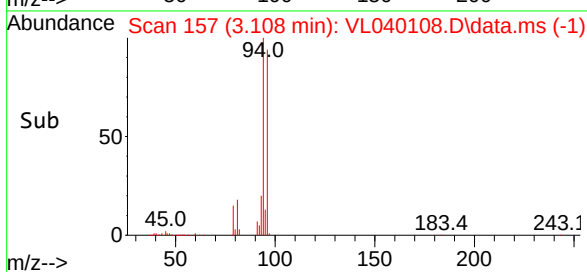
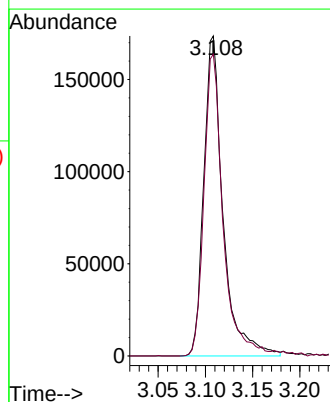
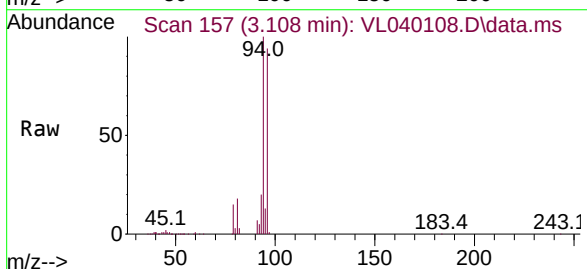
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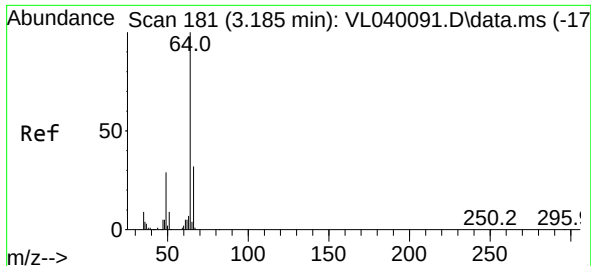
Tgt Ion: 62 Resp: 696704
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.8 38.6



#6
 Bromomethane
 Concen: 9.627 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Tgt Ion: 94 Resp: 245508
 Ion Ratio Lower Upper
 94 100
 96 94.3 76.2 114.2

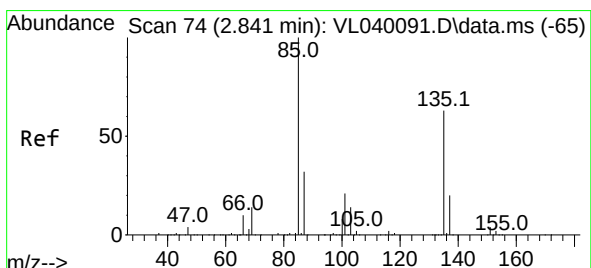
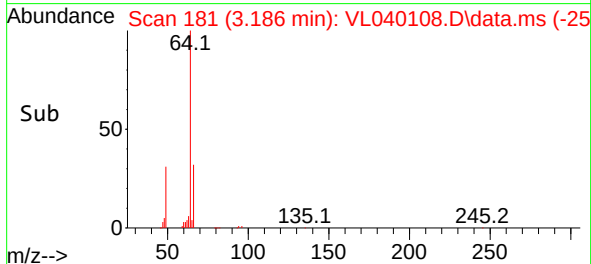
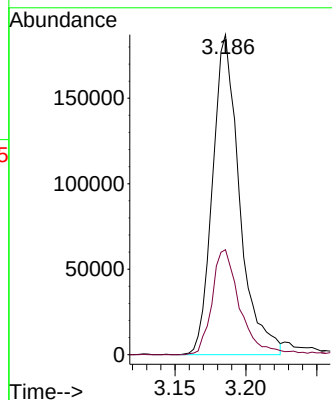
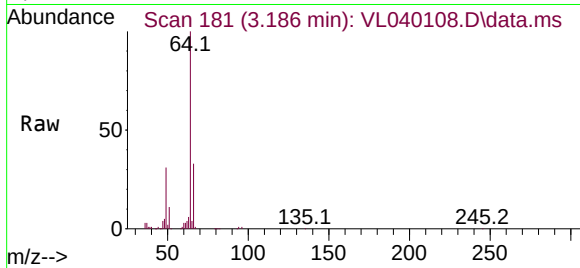




#7
Chloroethane
Concen: 9.276 ppbv
RT: 3.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

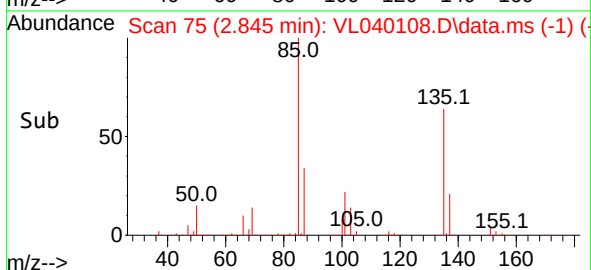
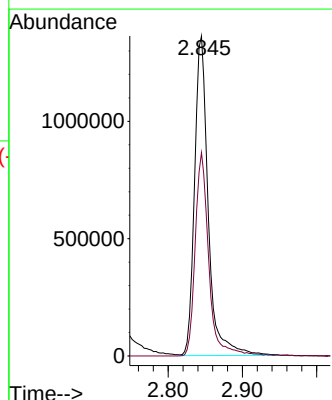
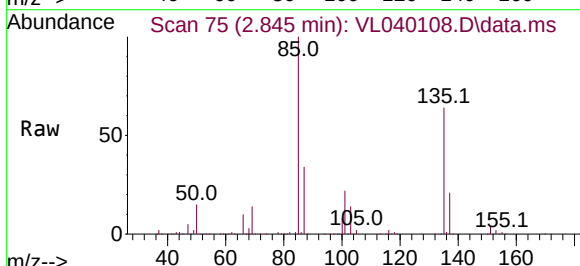
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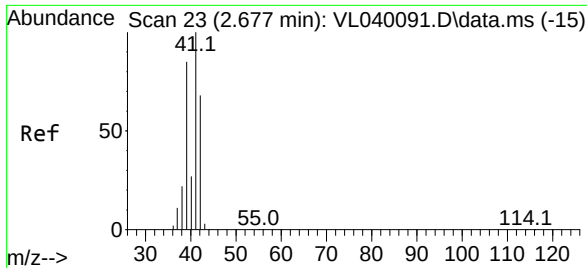
Tgt Ion: 64 Resp: 247785
Ion Ratio Lower Upper
64 100
66 32.8 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.619 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 85 Resp: 1750784
Ion Ratio Lower Upper
85 100
135 63.7 51.4 77.2

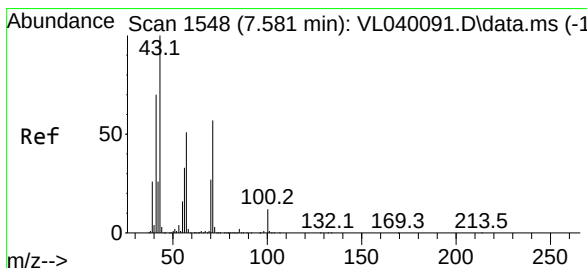
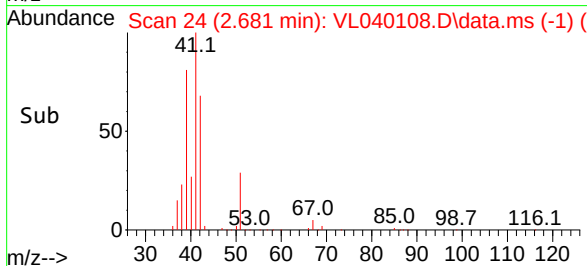
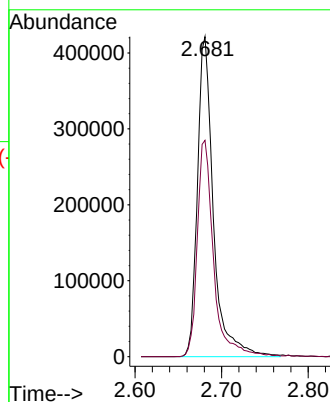
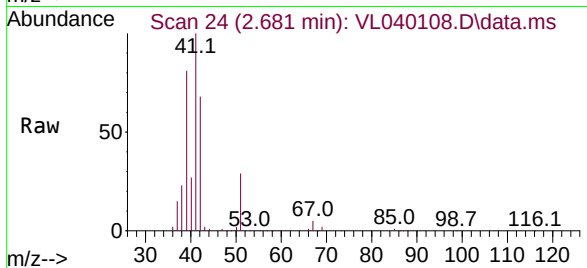




#9
Propene
Concen: 9.738 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

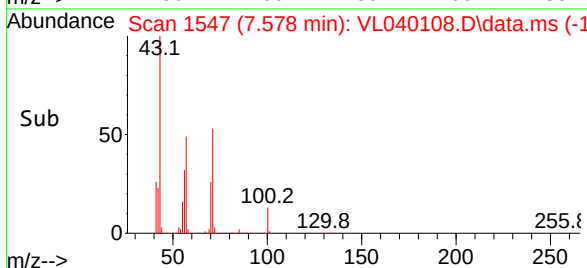
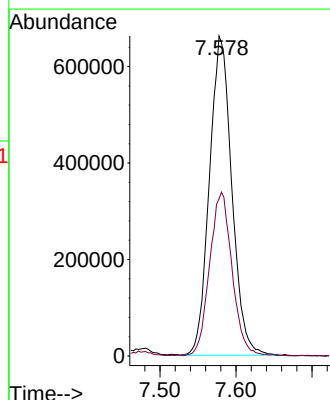
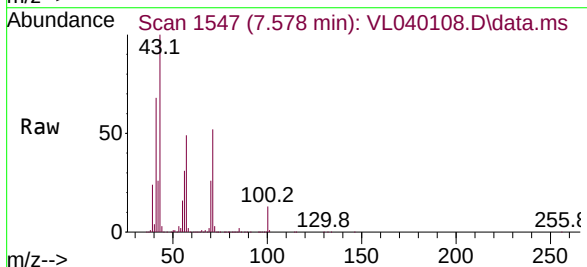
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

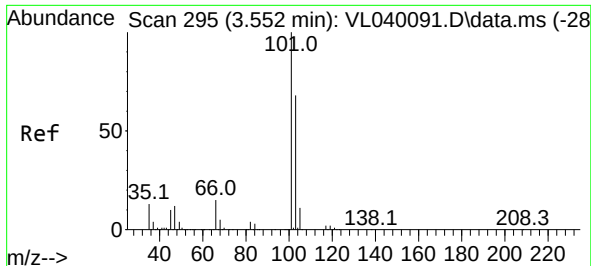
Tgt Ion: 41 Resp: 539598
Ion Ratio Lower Upper
41 100
42 69.5 55.6 83.4



#10
Heptane
Concen: 10.590 ppbv
RT: 7.578 min Scan# 1547
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 43 Resp: 1352493
Ion Ratio Lower Upper
43 100
57 51.4 40.9 61.3

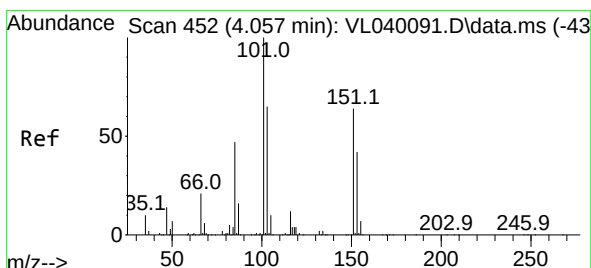
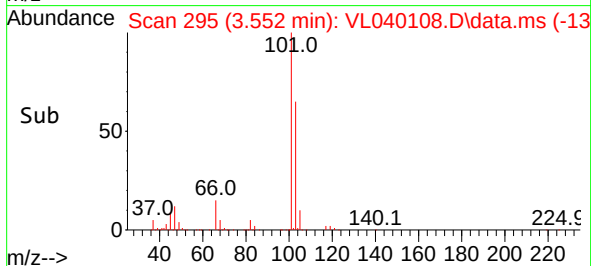
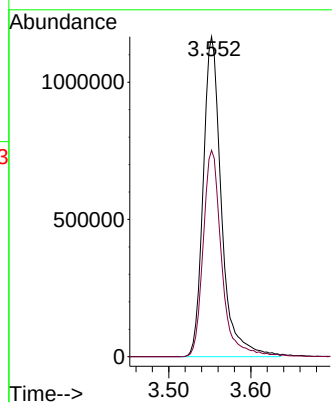
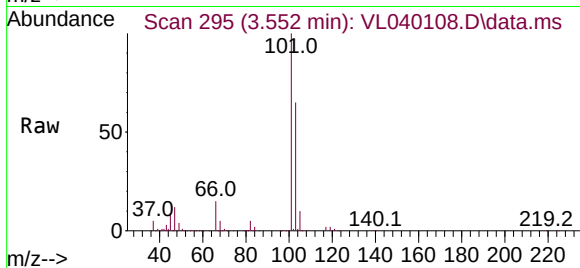




#11
 Trichlorofluoromethane
 Concen: 9.272 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

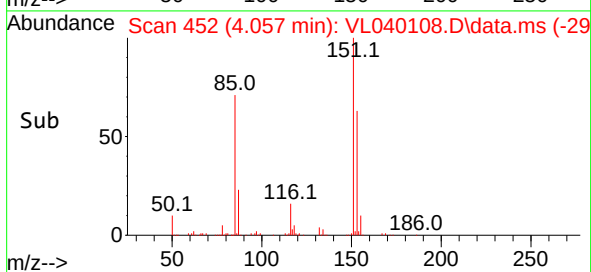
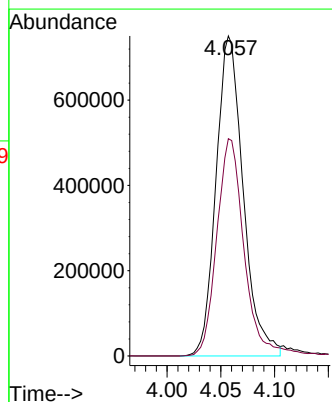
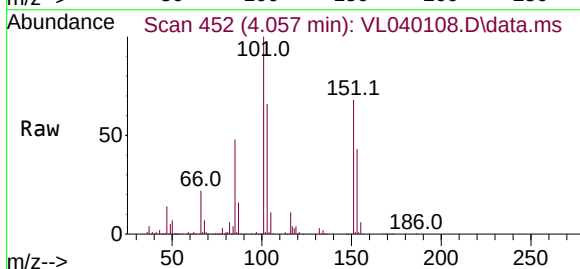
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABS01

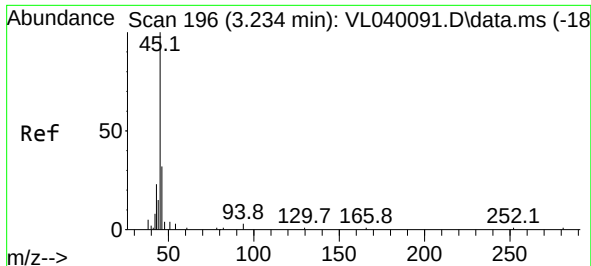
Tgt Ion:101 Resp: 1804159
 Ion Ratio Lower Upper
 101 100
 103 64.5 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.017 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Tgt Ion:101 Resp: 1318953
 Ion Ratio Lower Upper
 101 100
 151 69.2 53.2 79.8

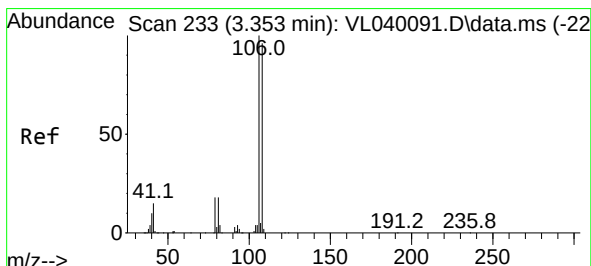
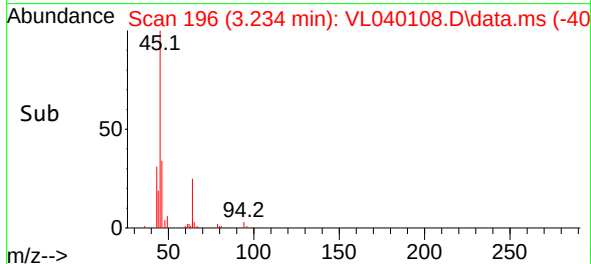
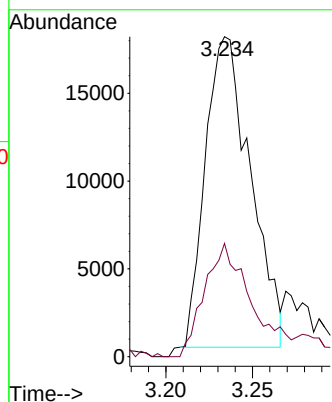
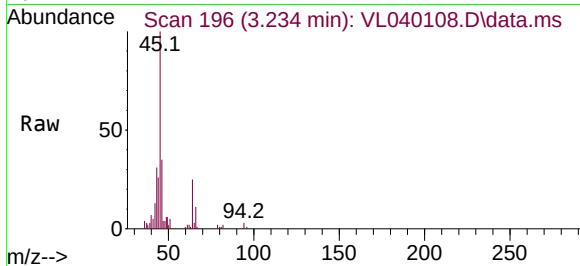




#13
Ethanol
Concen: 6.287 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

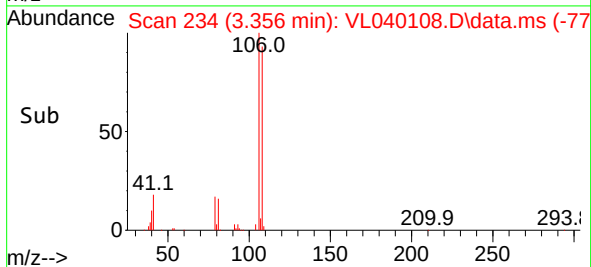
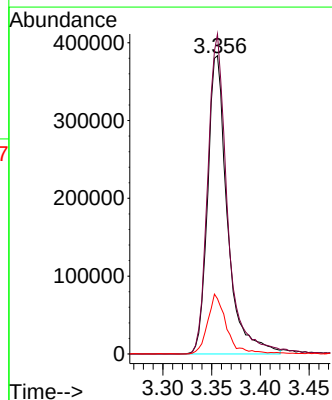
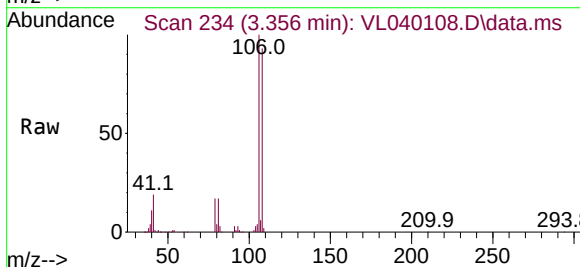
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

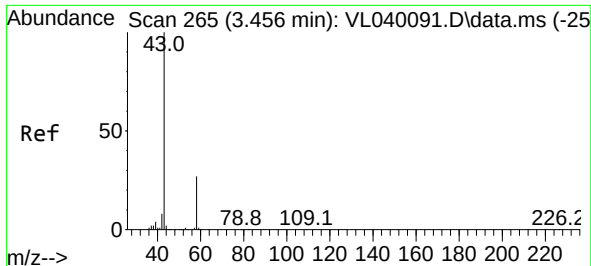
Tgt Ion: 45 Resp: 32067
Ion Ratio Lower Upper
45 100
46 44.6 14.8 59.2



#14
Bromoethene
Concen: 9.968 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 108 Resp: 541272
Ion Ratio Lower Upper
108 100
106 108.6 87.0 130.6
79 19.6 16.1 24.1

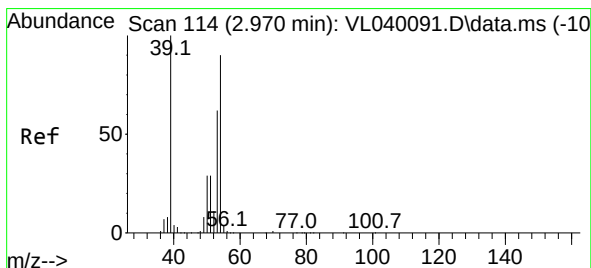
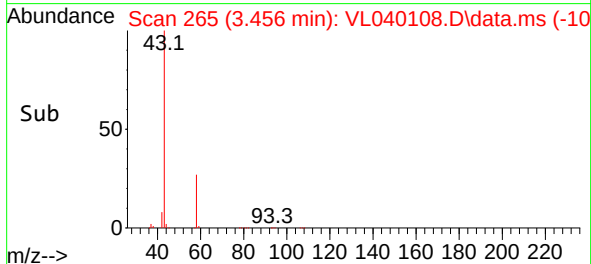
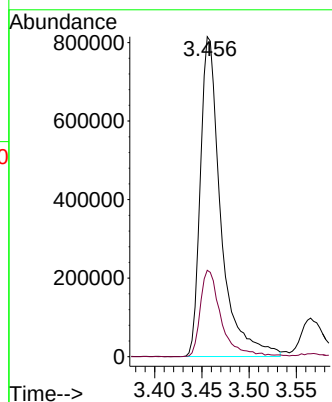
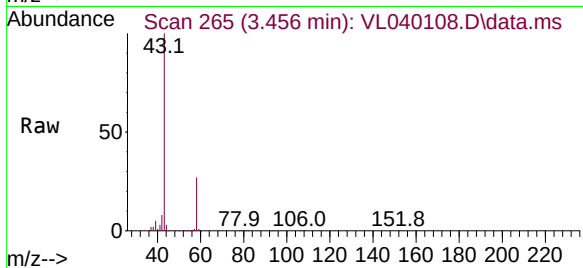




#15
Acetone
Concen: 9.202 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

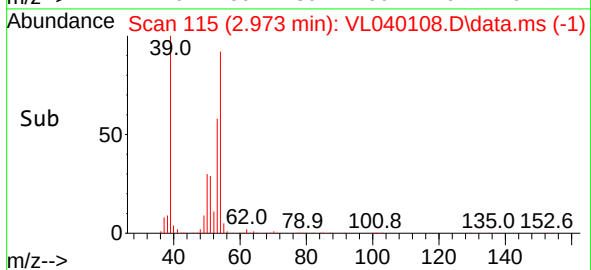
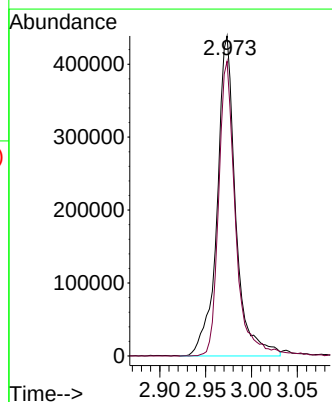
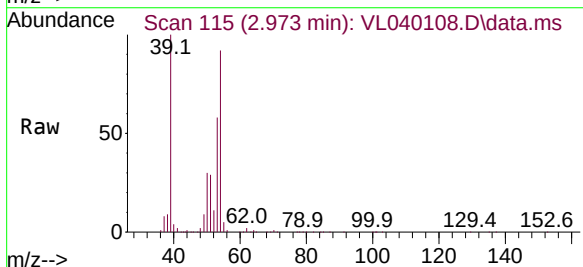
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

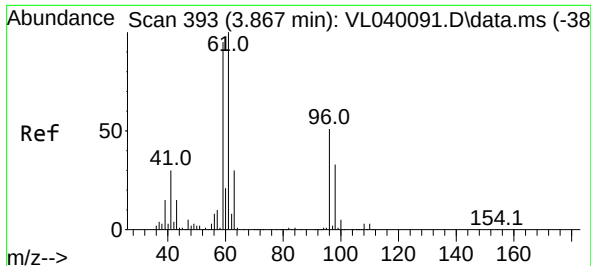
Tgt Ion: 43 Resp: 1227197
Ion Ratio Lower Upper
43 100
58 27.6 21.8 32.8



#16
1,3-Butadiene
Concen: 9.985 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 39 Resp: 620795
Ion Ratio Lower Upper
39 100
54 84.3 67.9 101.9





#17

tert-Butyl alcohol

Concen: 10.028 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

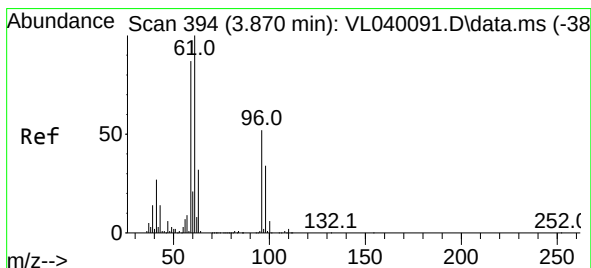
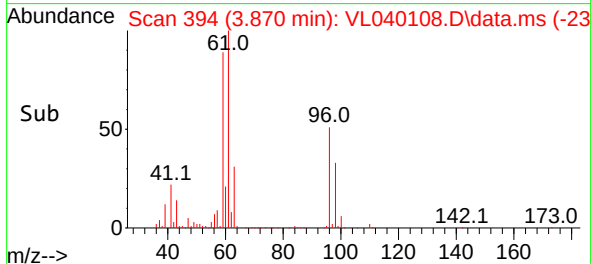
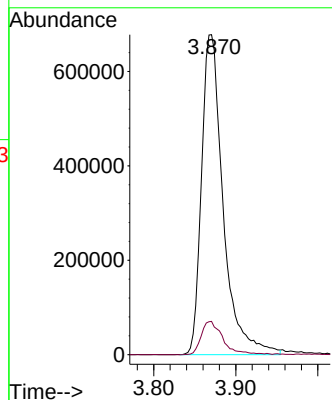
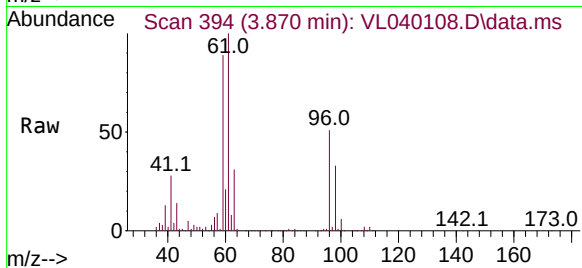
VL0119ABS01

Tgt Ion: 59 Resp: 1245309

Ion Ratio Lower Upper

59 100

57 10.6 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.443 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

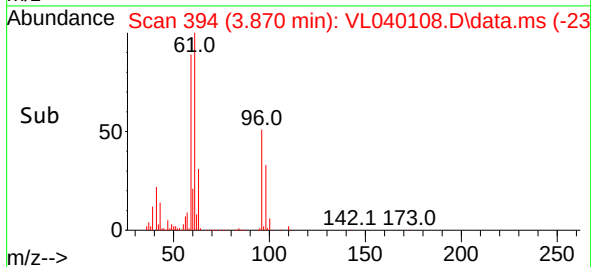
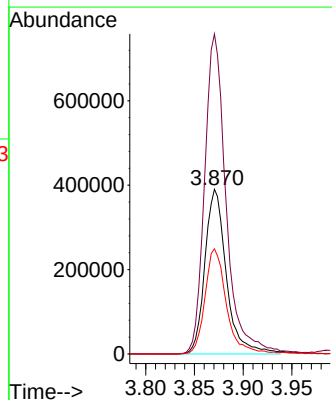
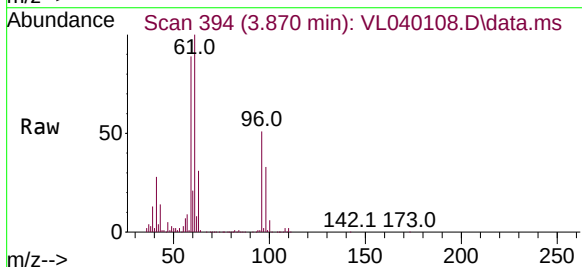
Tgt Ion: 96 Resp: 600182

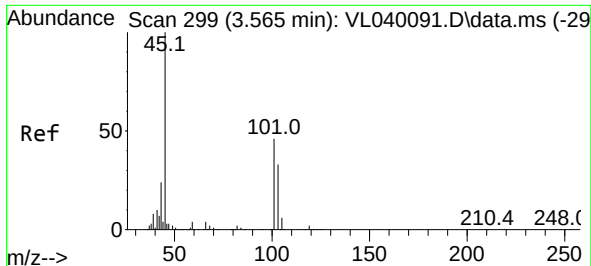
Ion Ratio Lower Upper

96 100

61 194.3 153.0 229.4

98 63.8 52.7 79.1

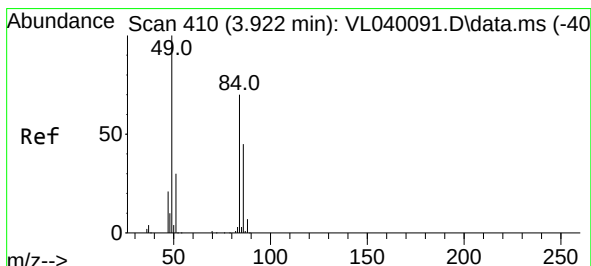
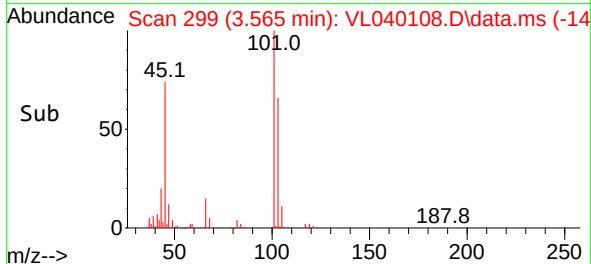
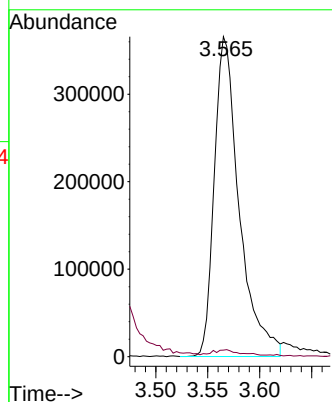
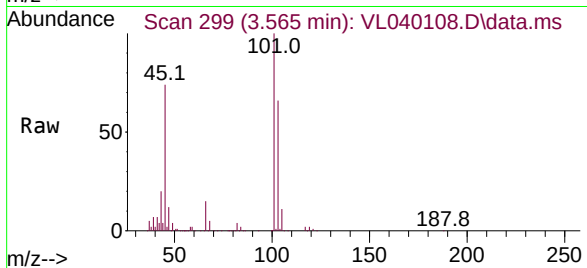




#19
Isopropyl Alcohol
Concen: 9.325 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

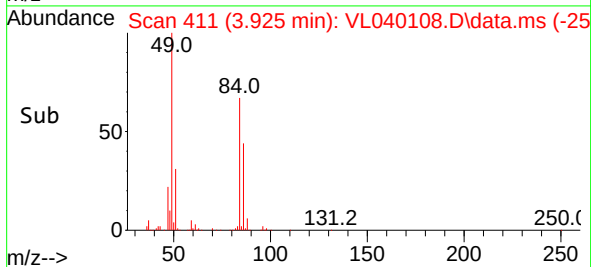
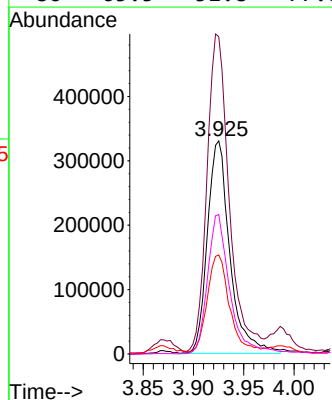
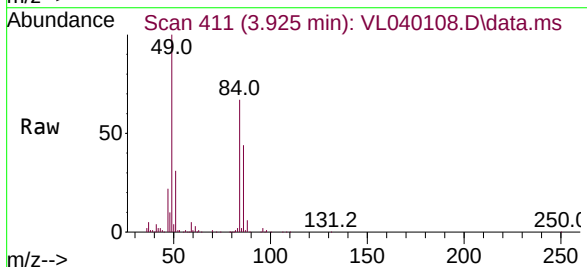
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

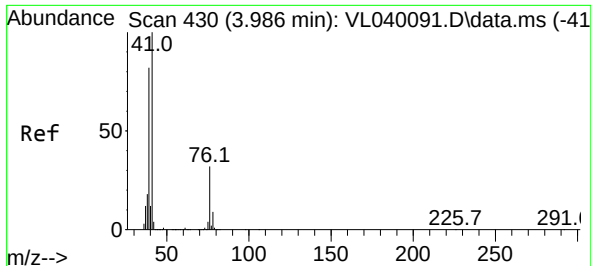
Tgt Ion: 45 Resp: 608463
Ion Ratio Lower Upper
45 100
58 3.1 2.6 4.0



#20
Methylene Chloride
Concen: 8.745 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 84 Resp: 514517
Ion Ratio Lower Upper
84 100
49 146.9 114.6 171.8
51 45.0 34.3 51.5
86 65.5 51.8 77.8





#21

Allyl Chloride

Concen: 10.041 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01

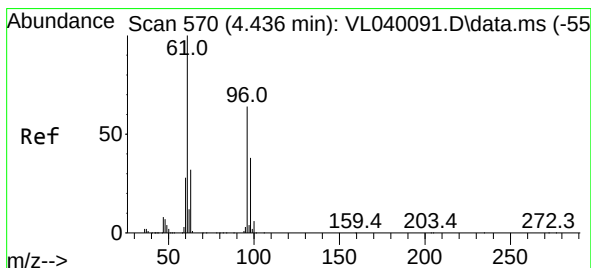
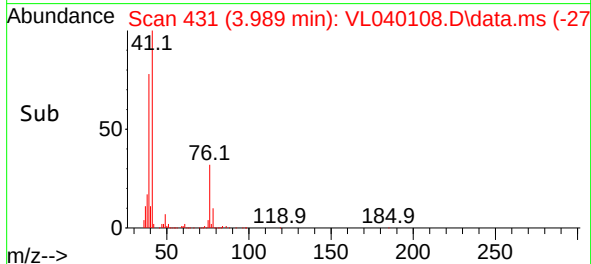
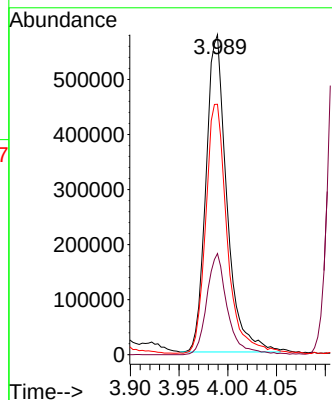
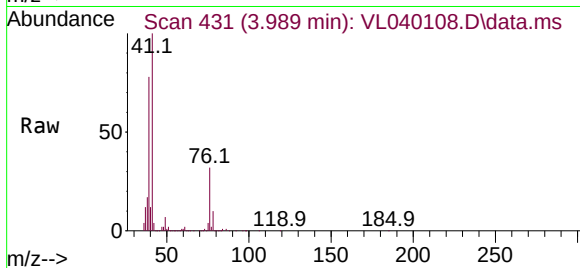
Tgt Ion: 41 Resp: 859843

Ion Ratio Lower Upper

41 100

76 31.7 25.9 38.9

39 81.6 66.8 100.2



#22

trans-1,2-Dichloroethene

Concen: 9.535 ppbv

RT: 4.440 min Scan# 571

Delta R.T. 0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

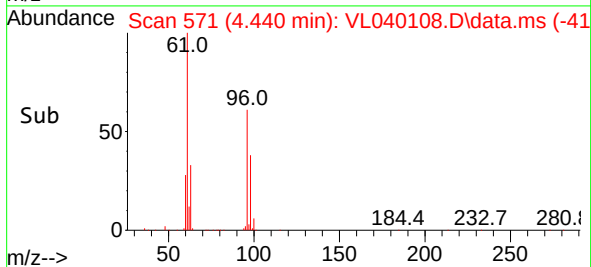
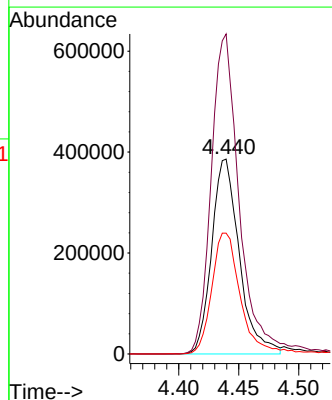
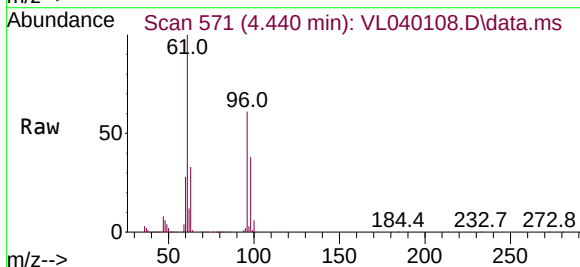
Tgt Ion: 96 Resp: 619238

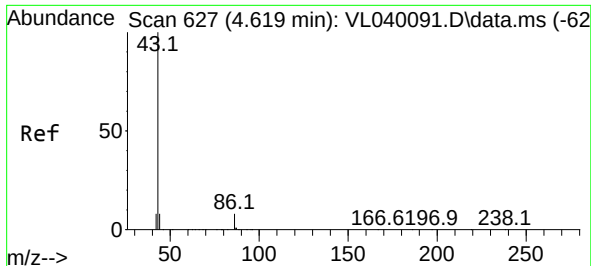
Ion Ratio Lower Upper

96 100

61 164.0 125.8 188.8

98 62.0 47.4 71.2



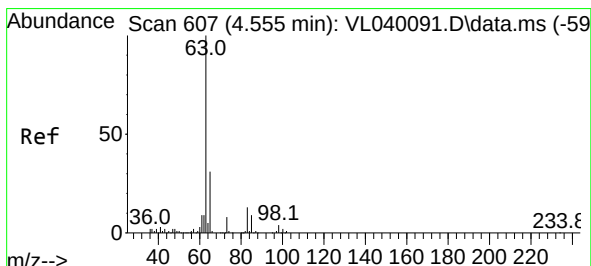
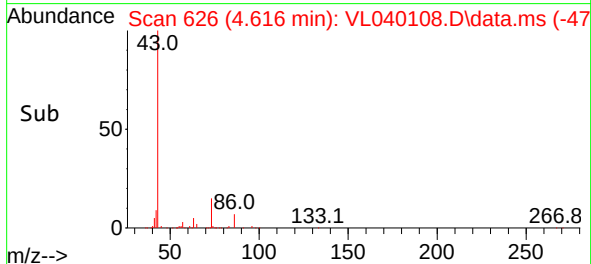
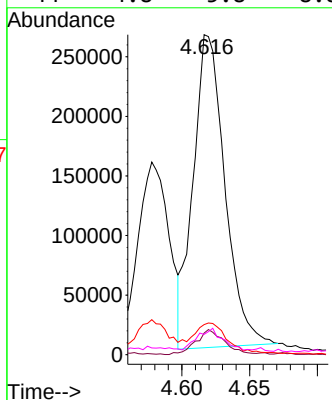
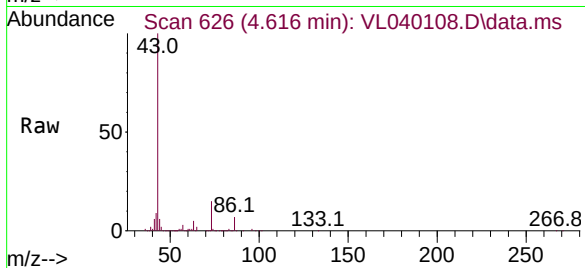


#23
 Vinyl Acetate
 Concen: 9.890 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0119ABS01

Tgt Ion: 43 Resp: 427532

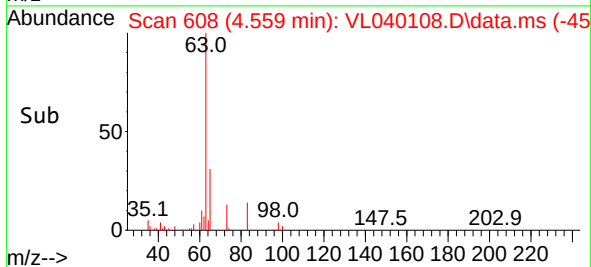
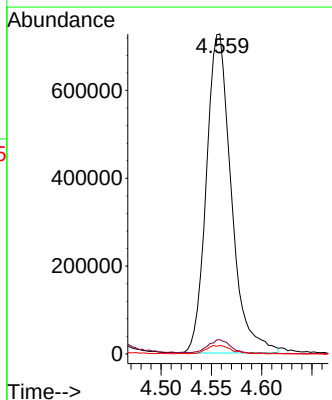
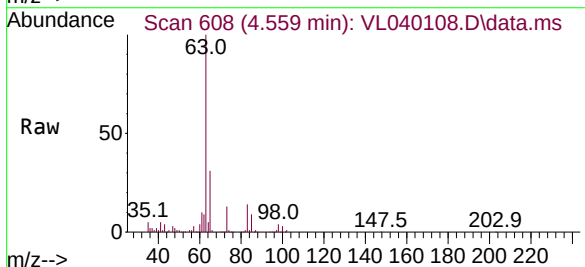
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.6	8.4
42	9.2	7.7	11.5
44	4.8	5.8	8.8

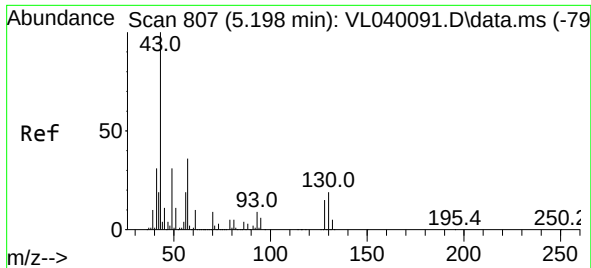


#24
 1,1-Dichloroethane
 Concen: 9.596 ppbv
 RT: 4.559 min Scan# 608
 Delta R.T. 0.003 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Tgt Ion: 63 Resp: 1256150

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.0	5.8
100	2.6	1.1	3.5



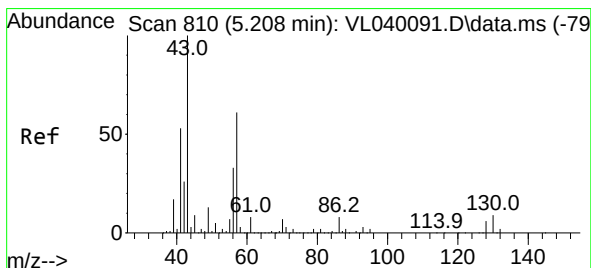
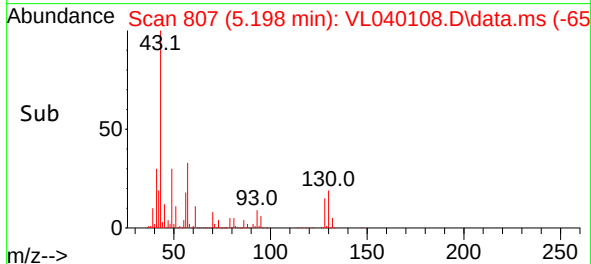
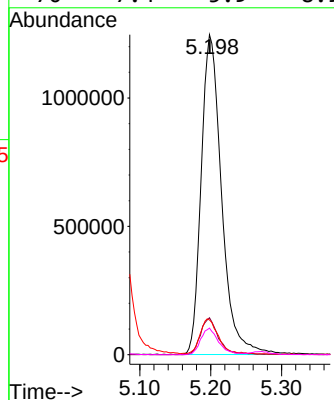
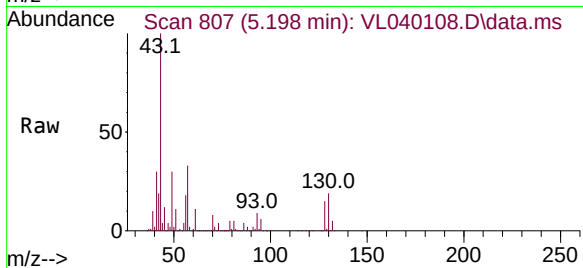


#25
Ethyl Acetate
Concen: 10.606 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Instrument :
MSVOA_1
ClientSampleId :
VL0119ABS01

Tgt Ion: 43 Resp: 2491869

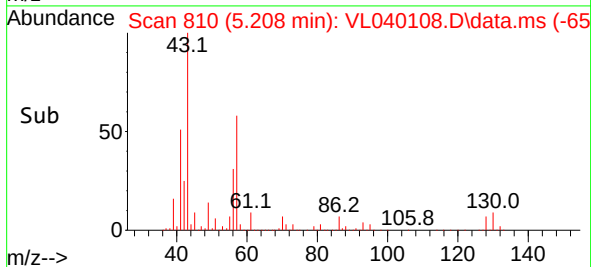
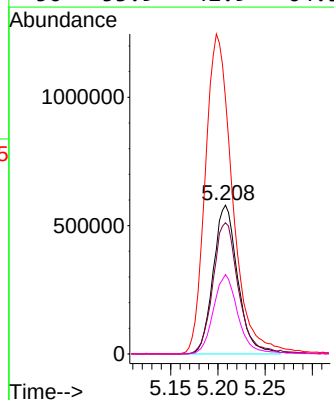
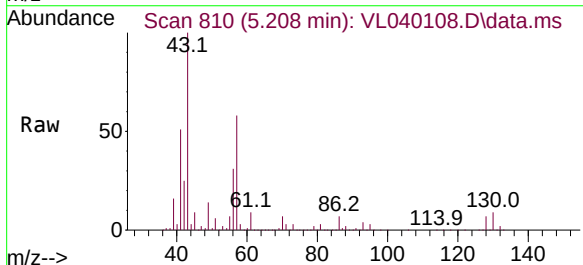
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.4	8.4	12.6
70	7.4	5.9	8.9

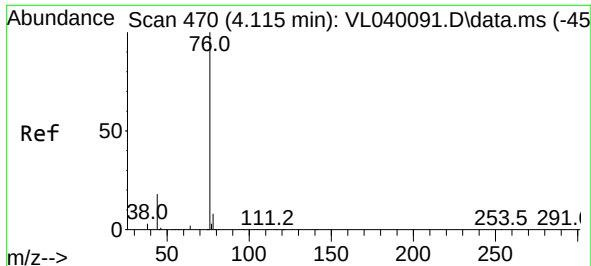


#26
Hexane
Concen: 10.132 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 57 Resp: 1041719

Ion	Ratio	Lower	Upper
57	100		
41	93.8	72.2	108.4
43	239.6	192.1	288.1
56	53.9	42.9	64.3

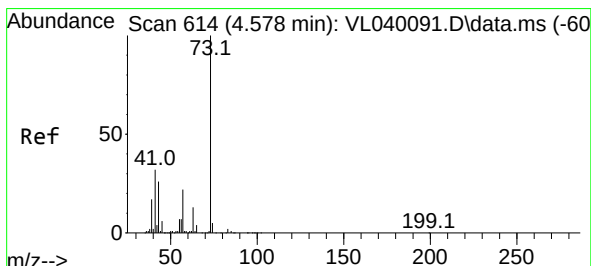
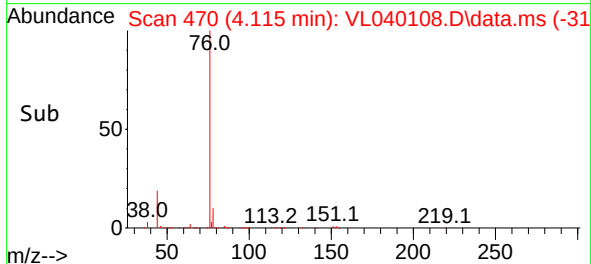
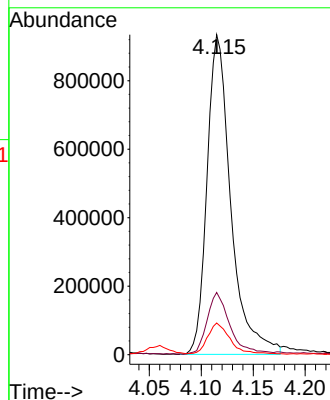
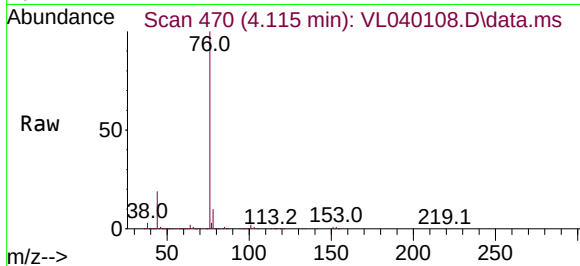




#27
Carbon Disulfide
Concen: 11.162 ppbv
RT: 4.115 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

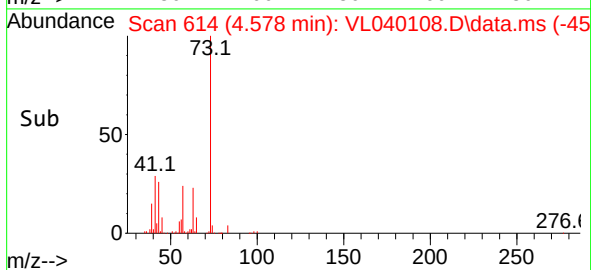
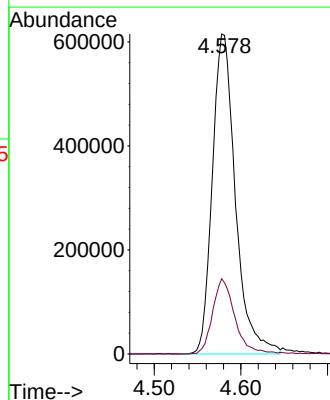
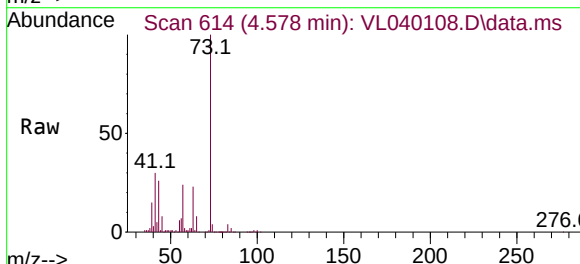
Instrument :
MSVOA_1
ClientSampleId :
VL0119ABS01

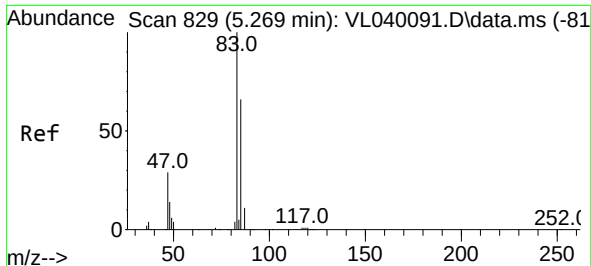
Tgt Ion: 76 Resp: 1486755
Ion Ratio Lower Upper
76 100
44 19.0 14.9 22.3
78 9.9 8.2 12.2



#28
Methyl tert-Butyl Ether
Concen: 9.854 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 73 Resp: 1139801
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5





#29

Chloroform

Concen: 10.892 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

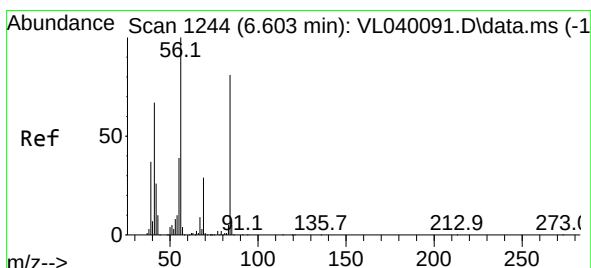
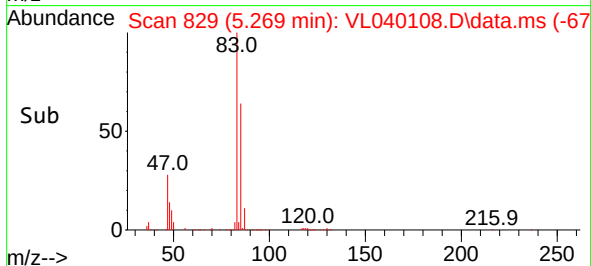
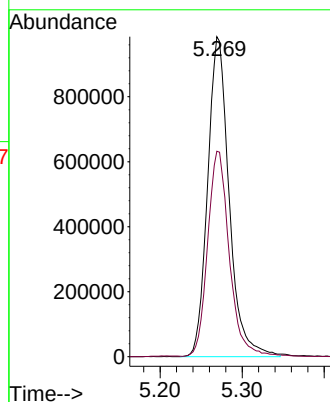
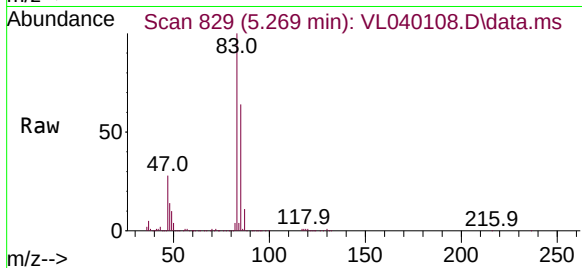
VL0119ABS01

Tgt Ion: 83 Resp: 1790481

Ion Ratio Lower Upper

83 100

85 64.0 53.1 79.7



#30

Cyclohexane

Concen: 10.616 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

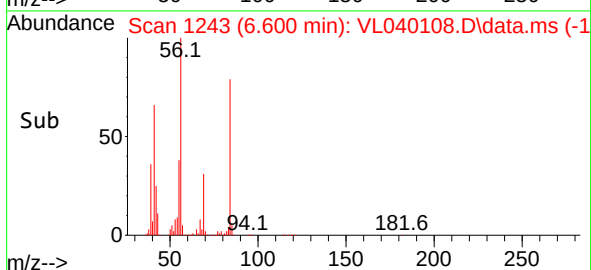
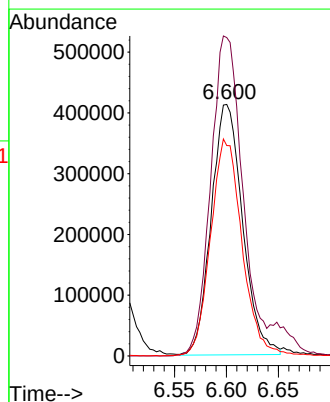
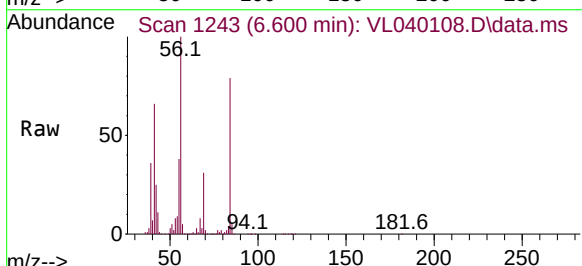
Tgt Ion: 84 Resp: 867695

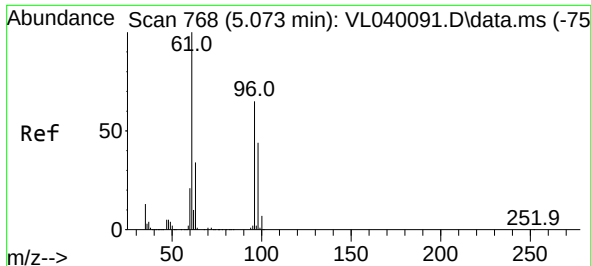
Ion Ratio Lower Upper

84 100

56 138.7 111.5 167.3

41 86.4 71.4 107.0



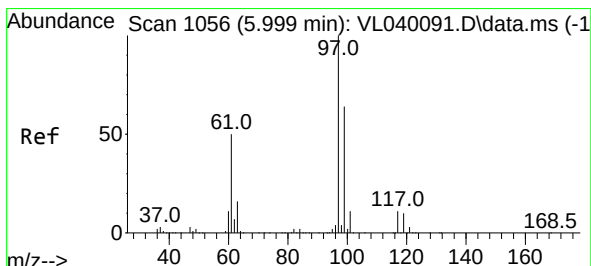
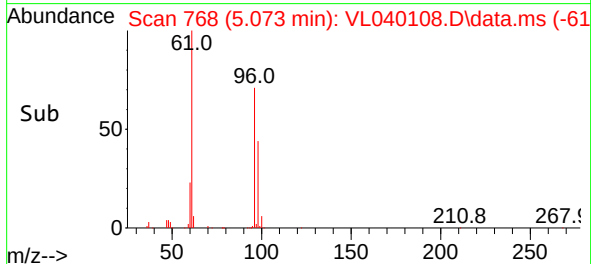
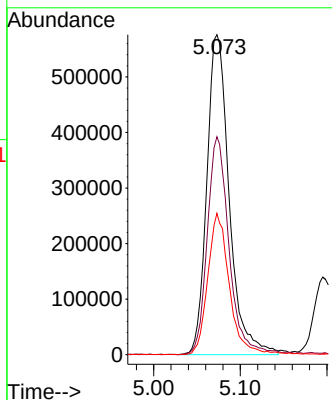
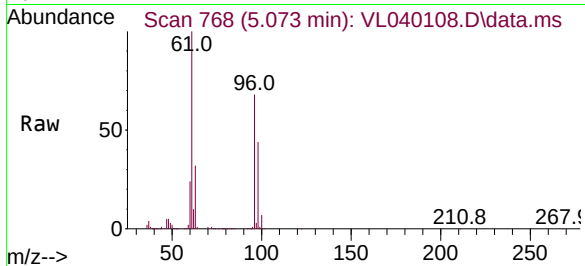


#31
 cis-1,2-Dichloroethene
 Concen: 10.415 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABS01

Tgt Ion: 61 Resp: 1036677

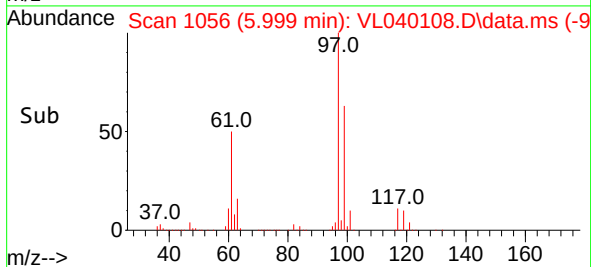
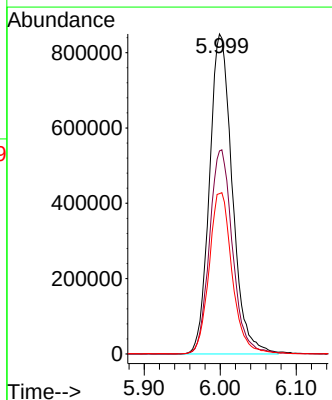
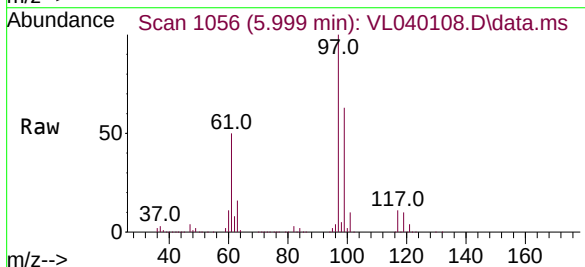
Ion	Ratio	Lower	Upper
61	100		
96	68.0	52.0	78.0
98	44.1	35.3	52.9

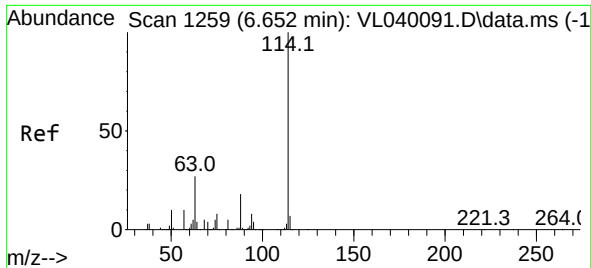


#32
 1,1,1-Trichloroethane
 Concen: 10.593 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Tgt Ion: 97 Resp: 1770004

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.6
61	51.2	40.4	60.6

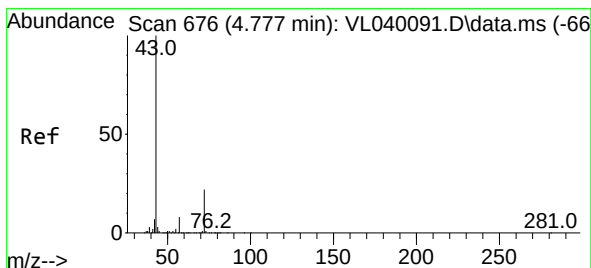
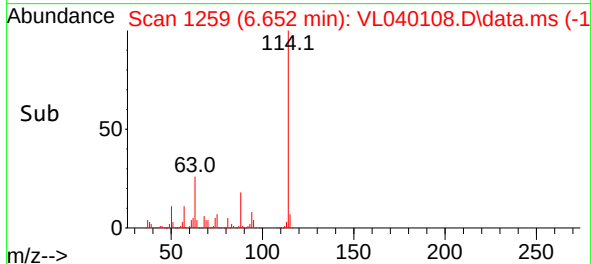
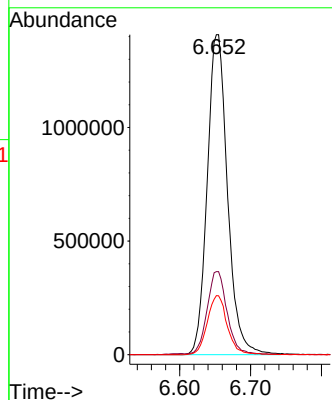
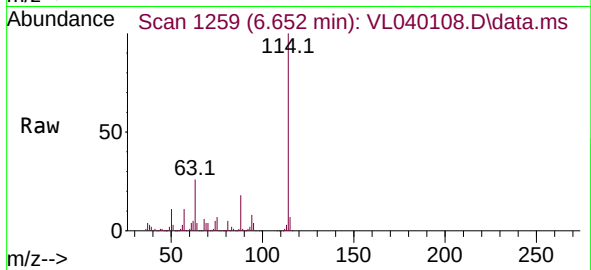




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

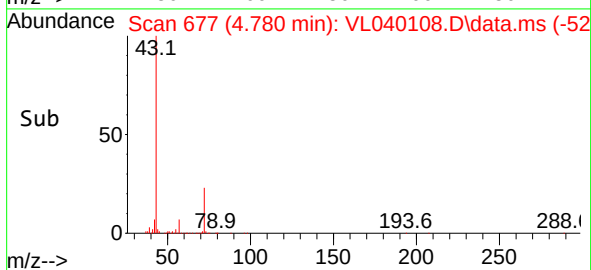
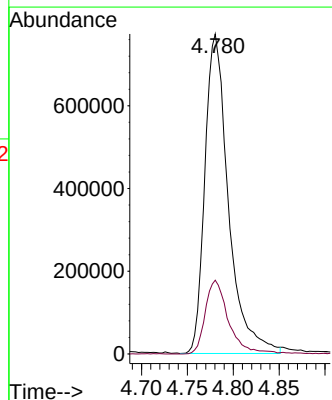
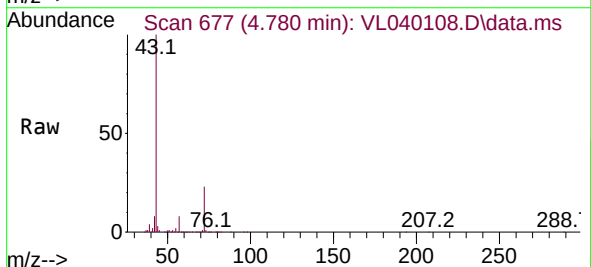
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

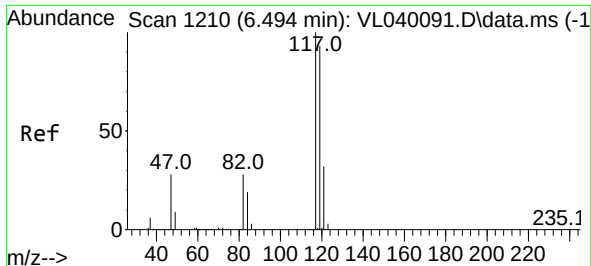
Tgt Ion:114 Resp: 2799770
Ion Ratio Lower Upper
114 100
63 26.1 21.8 32.8
88 18.2 14.8 22.2



#34
2-Butanone
Concen: 10.435 ppbv
RT: 4.780 min Scan# 677
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 43 Resp: 1381977
Ion Ratio Lower Upper
43 100
72 23.1 18.4 27.6

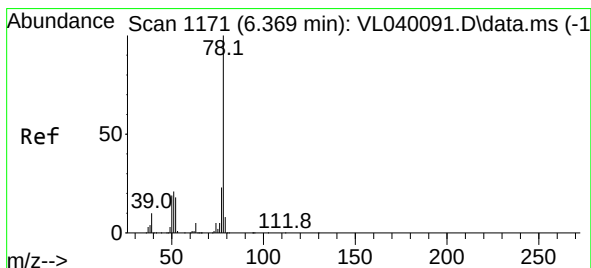
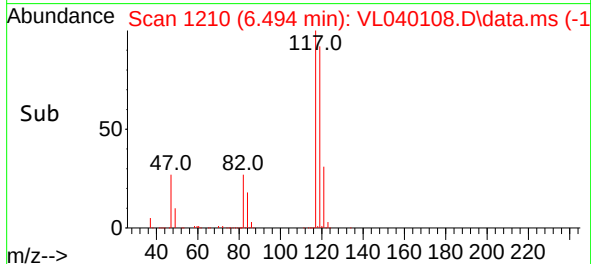
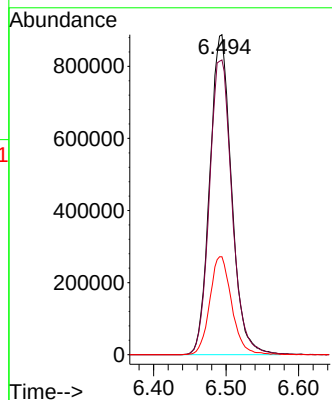
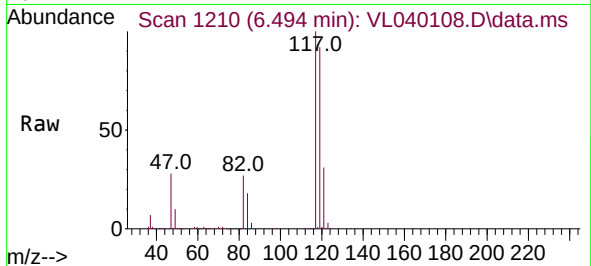




#35
Carbon Tetrachloride
Concen: 11.709 ppbv
RT: 6.494 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

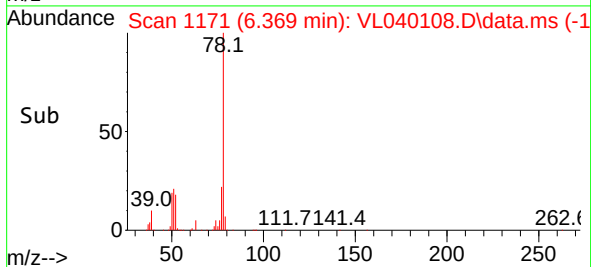
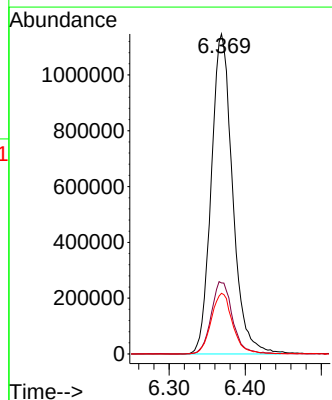
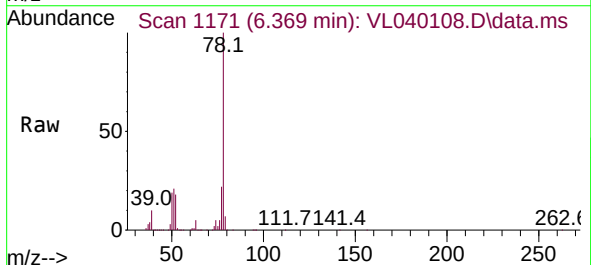
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

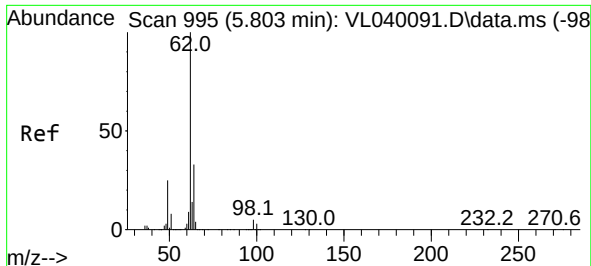
Tgt Ion:117 Resp: 1853626
Ion Ratio Lower Upper
117 100
119 92.1 74.5 111.7
121 30.6 25.4 38.0



#36
Benzene
Concen: 10.772 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 78 Resp: 2231766
Ion Ratio Lower Upper
78 100
77 22.1 18.1 27.1
50 19.0 15.6 23.4

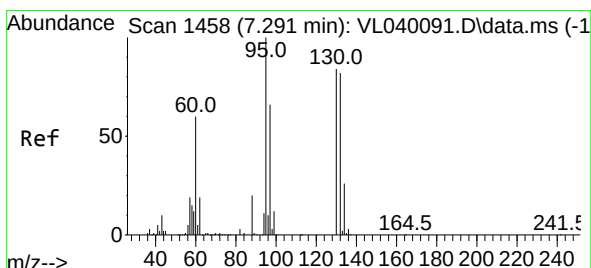
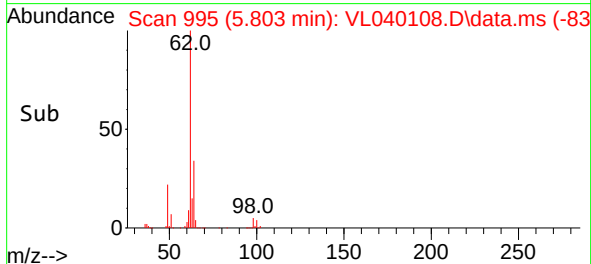
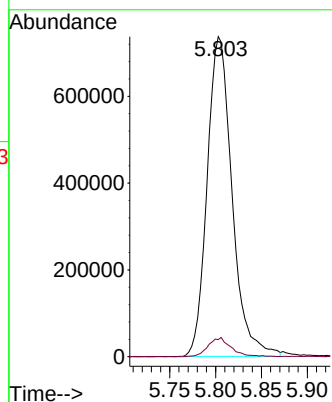
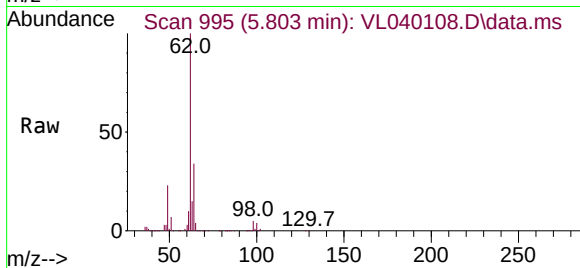




#37
1,2-Dichloroethane
Concen: 10.462 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

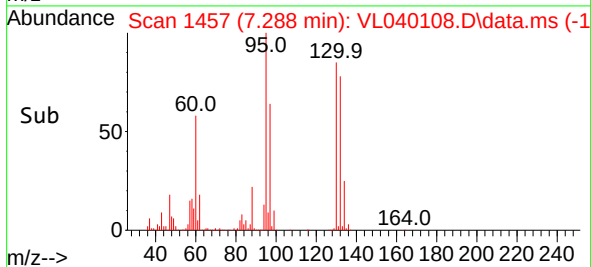
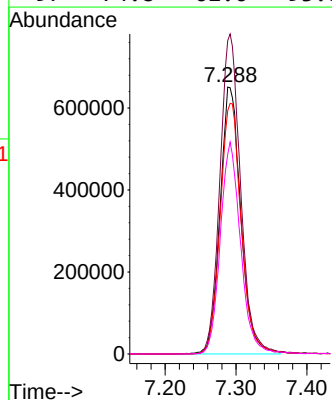
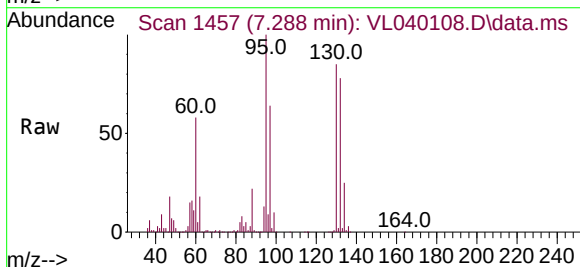
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

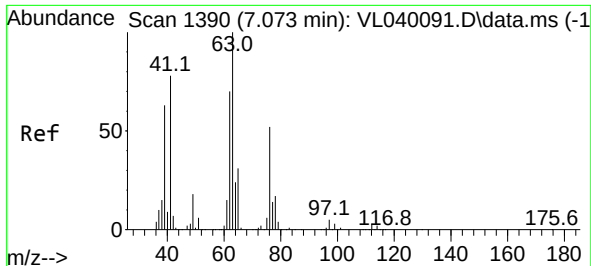
Tgt Ion: 62 Resp: 1393225
Ion Ratio Lower Upper
62 100
98 5.6 4.4 6.6



#38
Trichloroethene
Concen: 11.291 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:130 Resp: 1327672
Ion Ratio Lower Upper
130 100
95 117.5 95.0 142.6
132 91.2 77.9 116.9
97 74.8 62.6 93.8

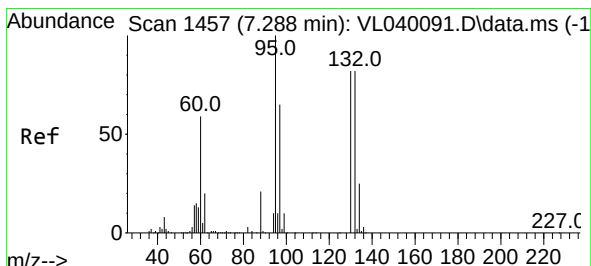
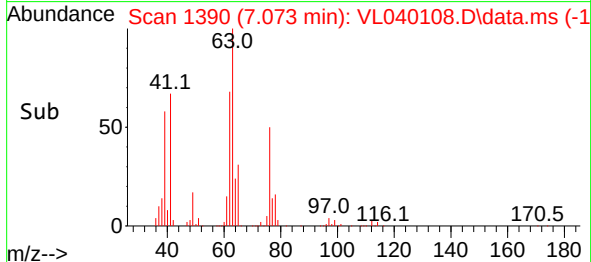
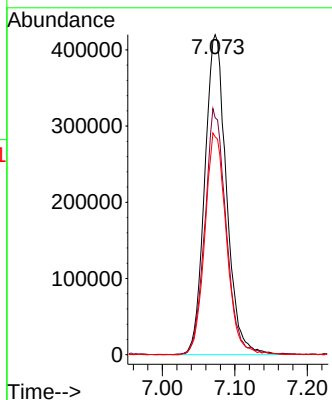
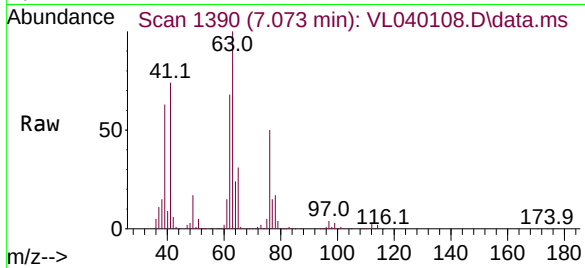




#39
 1,2-Dichloropropane
 Concen: 10.761 ppbv
 RT: 7.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

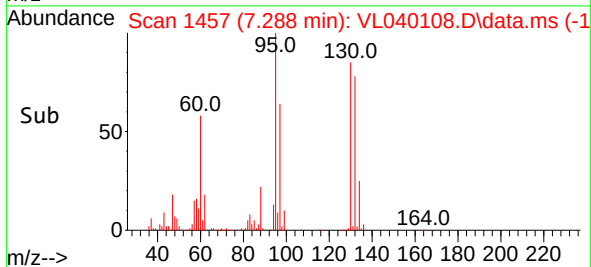
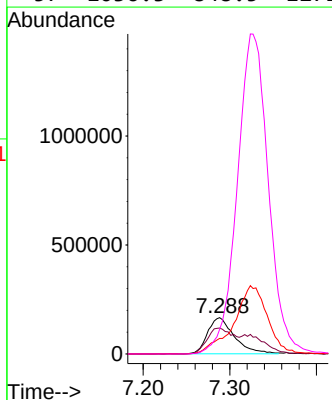
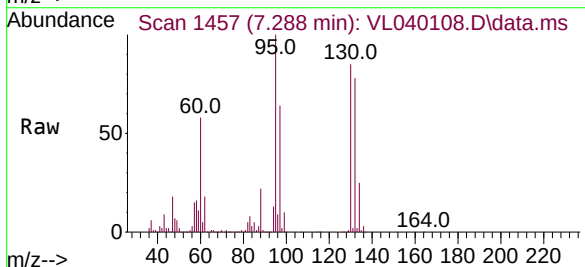
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABS01

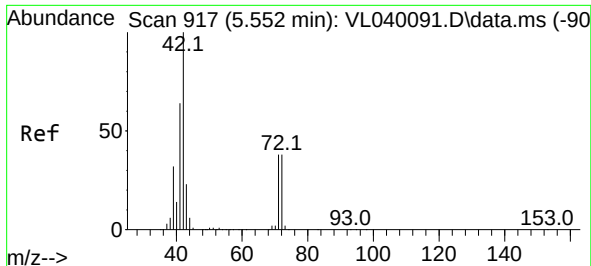
Tgt Ion: 63 Resp: 872089
 Ion Ratio Lower Upper
 63 100
 41 73.8 62.2 93.4
 62 68.1 55.8 83.8



#40
 1,4-Dioxane
 Concen: 11.048 ppbv
 RT: 7.288 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Tgt Ion: 88 Resp: 355333
 Ion Ratio Lower Upper
 88 100
 58 119.7 97.5 146.3
 43 238.1 195.0 292.4
 57 1036.3 848.5 1272.7

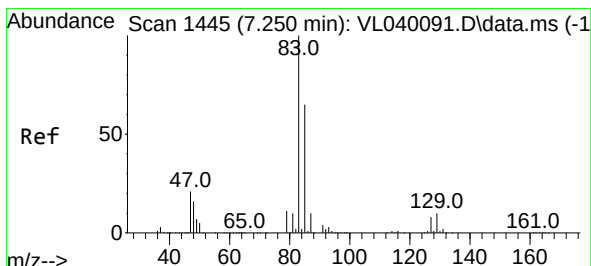
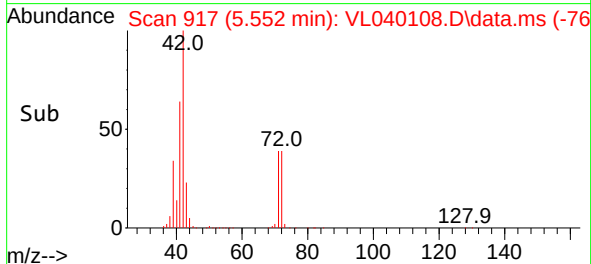
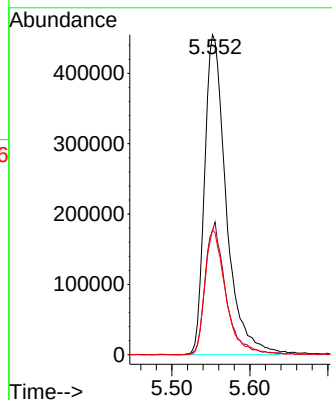
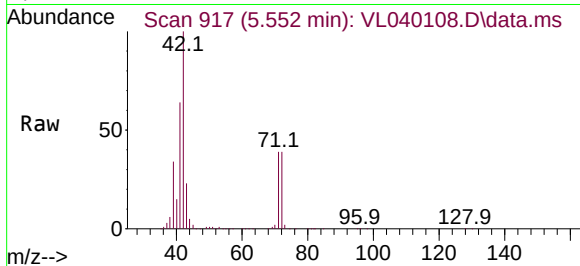




#41
Tetrahydrofuran
Concen: 11.456 ppbv
RT: 5.552 min Scan# 917
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

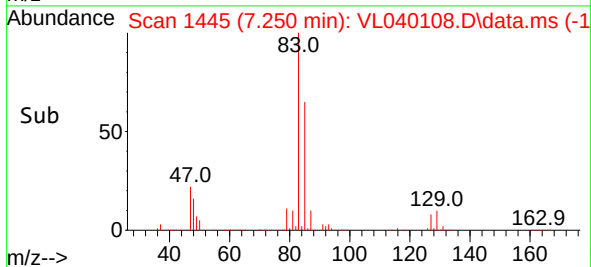
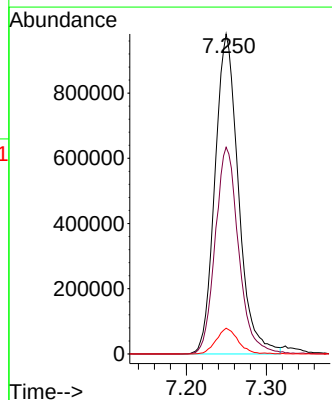
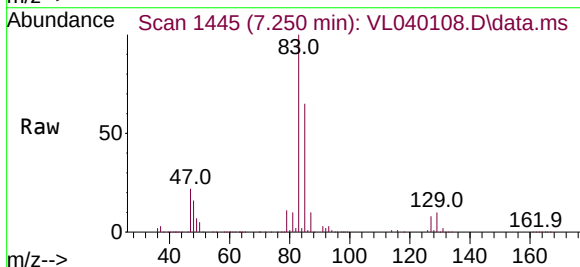
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

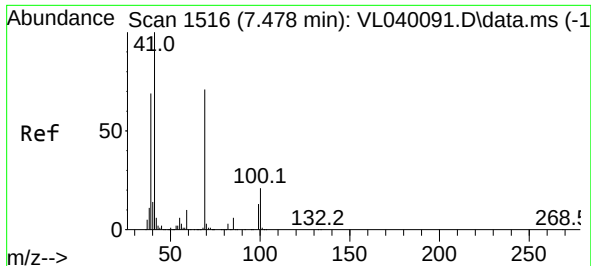
Tgt Ion: 42 Resp: 875685
Ion Ratio Lower Upper
42 100
72 39.5 31.9 47.9
71 37.9 31.4 47.2



#42
Bromodichloromethane
Concen: 11.123 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 83 Resp: 2000290
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5
127 8.0 6.2 9.2

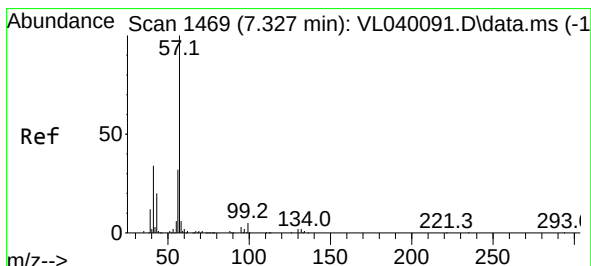
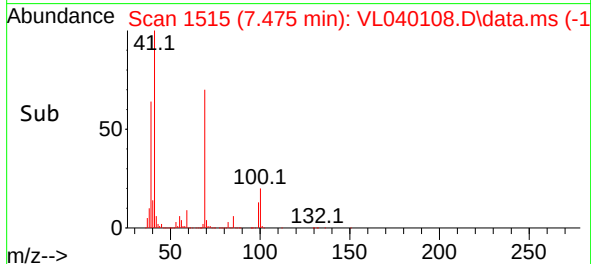
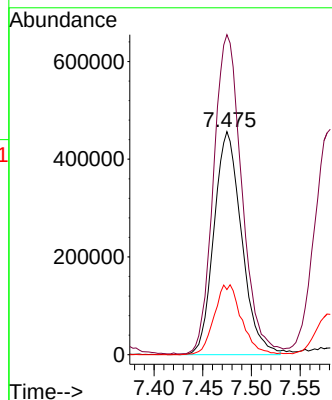
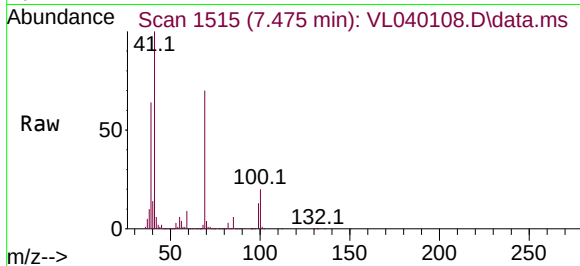




#43
Methyl Methacrylate
Concen: 11.834 ppbv
RT: 7.475 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

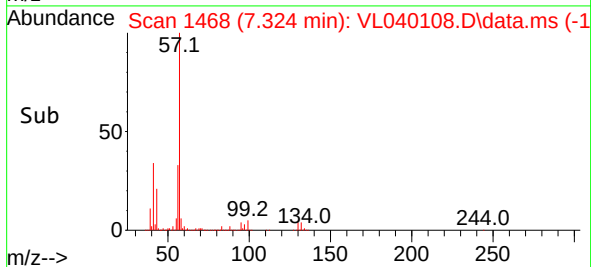
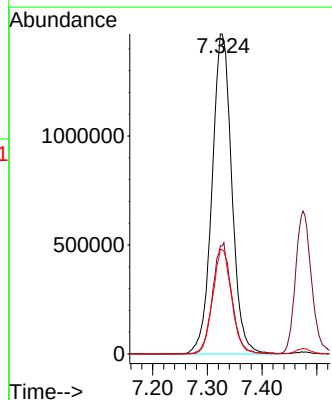
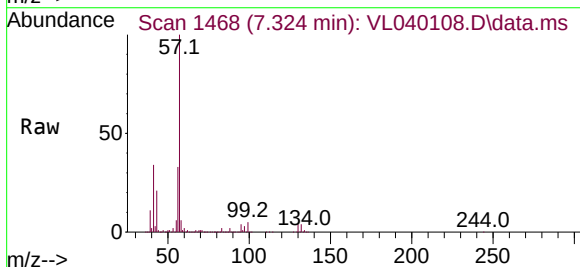
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

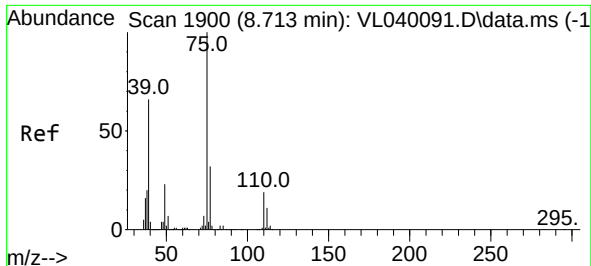
Tgt Ion: 69 Resp: 899778
Ion Ratio Lower Upper
69 100
41 147.5 118.2 177.2
100 31.3 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 10.687 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 57 Resp: 3682155
Ion Ratio Lower Upper
57 100
41 33.3 27.1 40.7
56 31.5 25.0 37.4

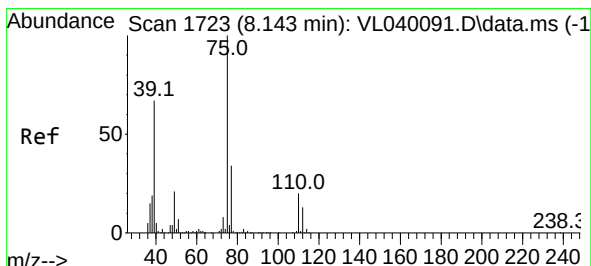
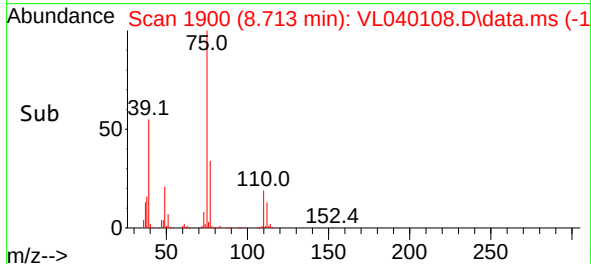
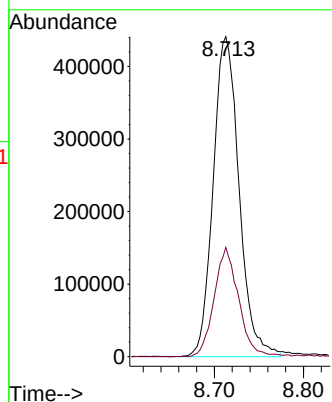
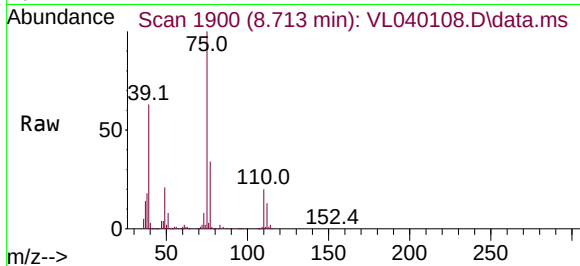




#45
t-1,3-Dichloropropene
Concen: 13.145 ppbv
RT: 8.713 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

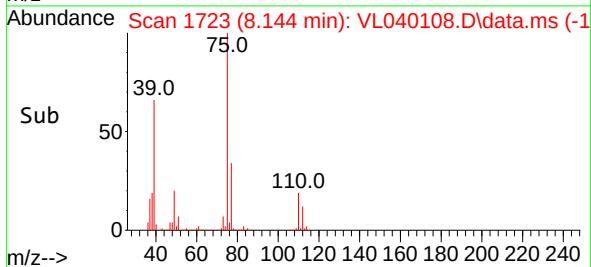
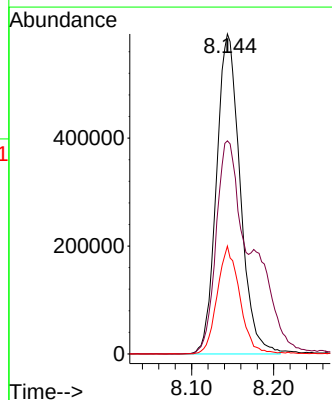
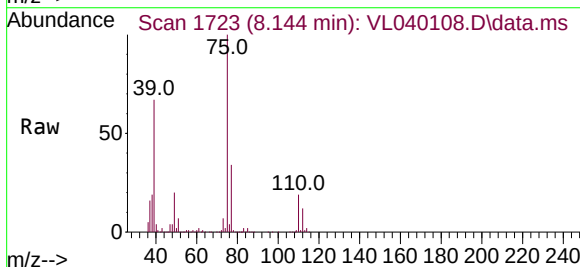
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

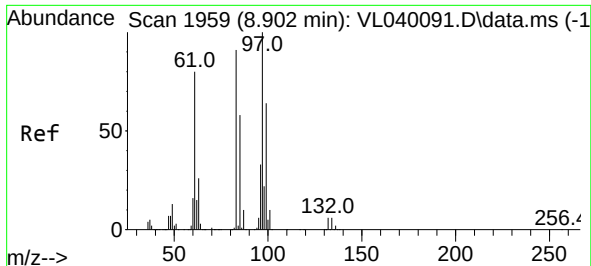
Tgt Ion: 75 Resp: 891190
Ion Ratio Lower Upper
75 100
77 34.1 25.6 38.4



#46
cis-1,3-Dichloropropene
Concen: 12.818 ppbv
RT: 8.144 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 75 Resp: 1187528
Ion Ratio Lower Upper
75 100
39 66.6 53.6 80.4
77 33.7 26.9 40.3

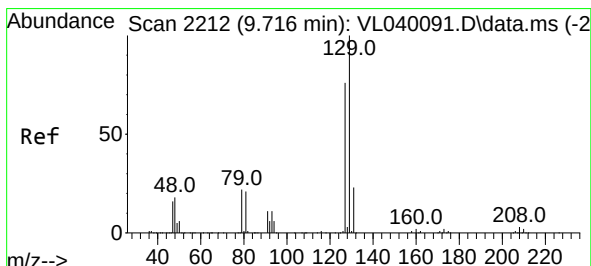
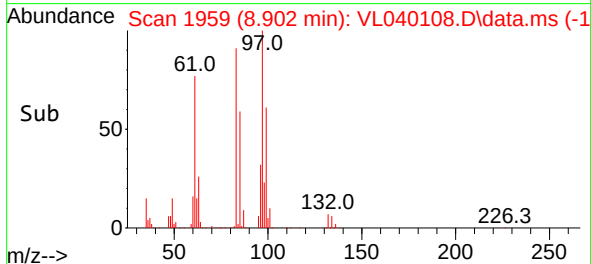
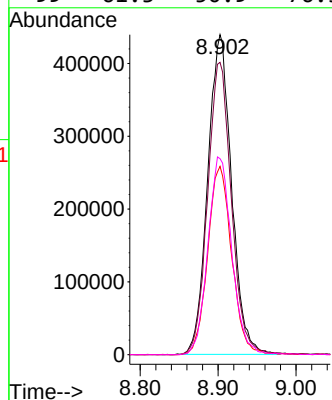
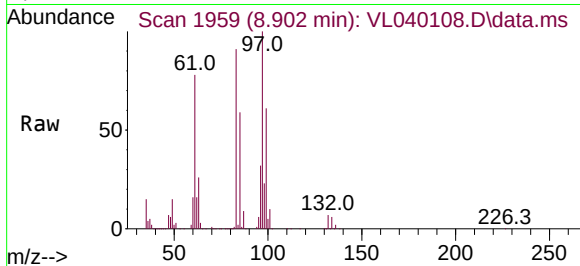




#47
1,1,2-Trichloroethane
Concen: 10.953 ppbv
RT: 8.902 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

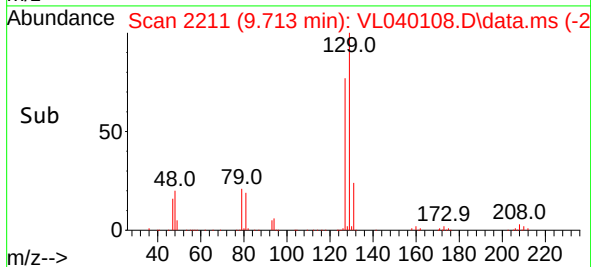
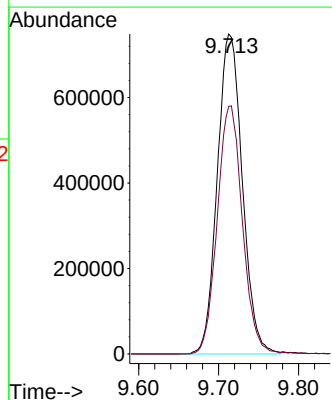
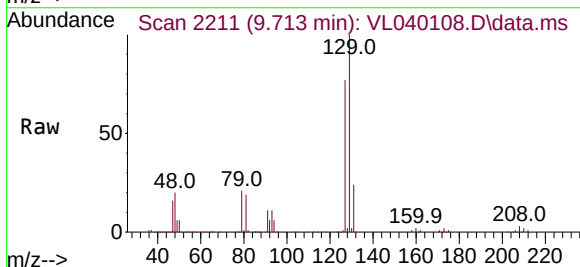
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

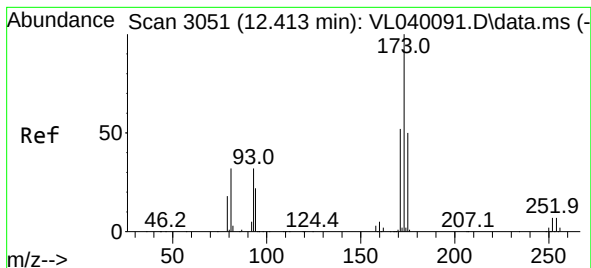
Tgt Ion: 97	Resp: 934546
Ion Ratio	Lower Upper
97 100	
83 91.3	72.9 109.3
85 58.8	46.0 69.0
99 61.3	50.9 76.3



#48
Dibromochloromethane
Concen: 11.864 ppbv
RT: 9.713 min Scan# 2211
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:129	Resp: 1626920		
Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.3	117.9





#49

Bromoform

Concen: 12.310 ppbv

RT: 12.414 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_1

ClientSampleId :

VL0119ABS01

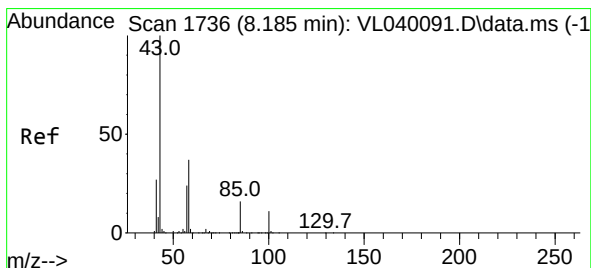
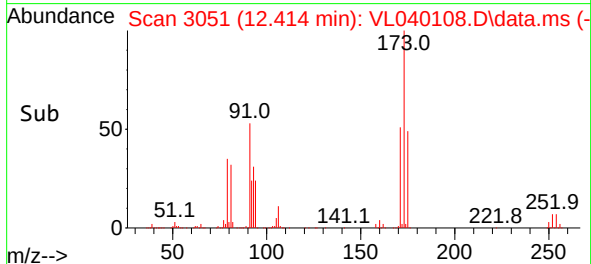
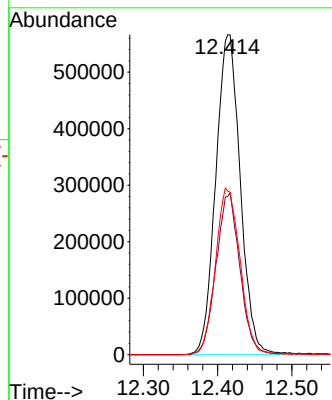
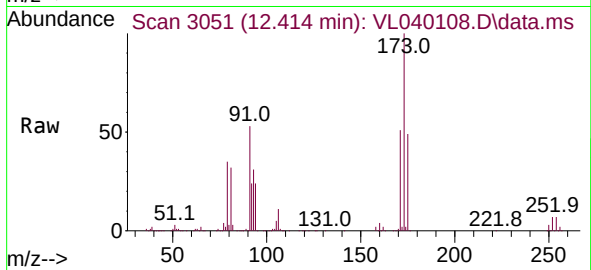
Tgt Ion:173 Resp: 1300450

Ion Ratio Lower Upper

173 100

175 49.4 39.7 59.5

171 52.4 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 11.144 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VL040108.D

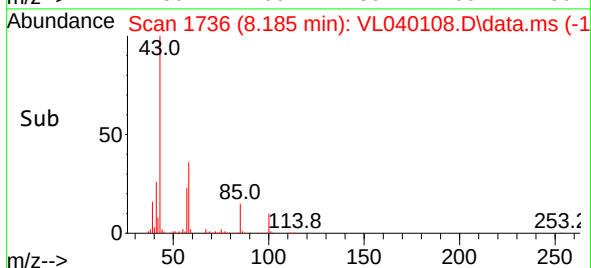
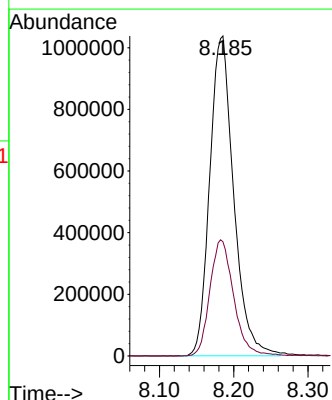
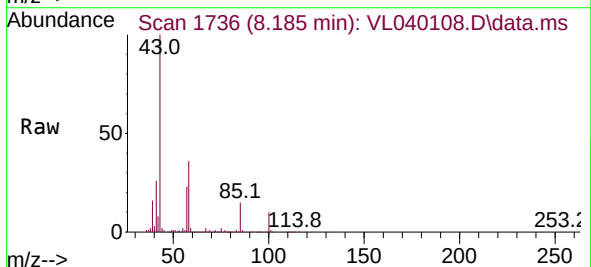
Acq: 19 Jan 2023 11:30

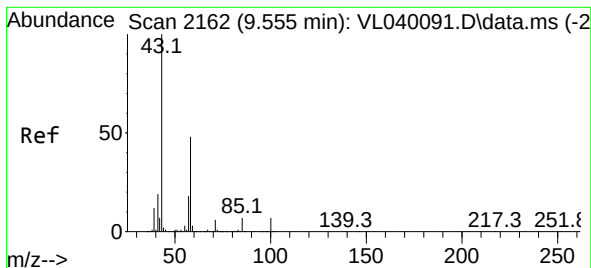
Tgt Ion: 43 Resp: 2321320

Ion Ratio Lower Upper

43 100

58 36.3 28.8 43.2





#51

2-Hexanone

Concen: 11.659 ppbv

RT: 9.552 min Scan# 2162

Delta R.T. -0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01

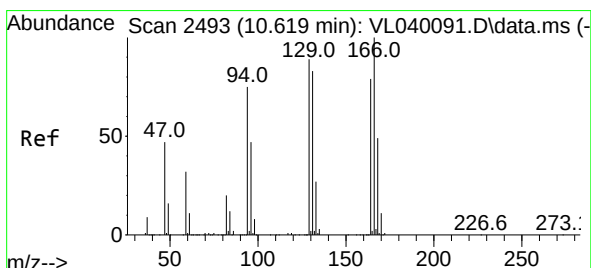
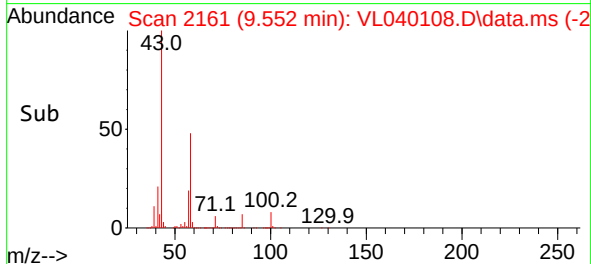
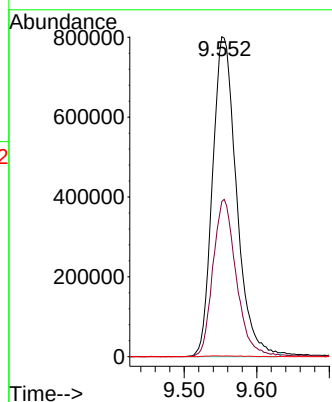
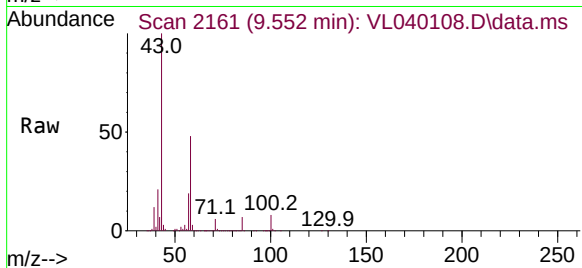
Tgt Ion: 43 Resp: 1839899

Ion Ratio Lower Upper

43 100

58 48.3 37.5 56.3

98 0.2 0.4 0.6#



#52

Tetrachloroethene

Concen: 11.158 ppbv

RT: 10.619 min Scan# 2493

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Tgt Ion:164 Resp: 756286

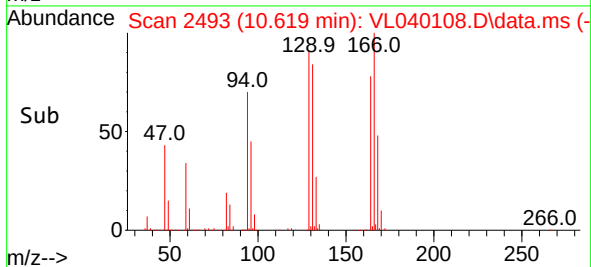
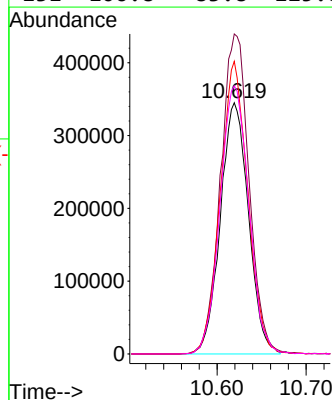
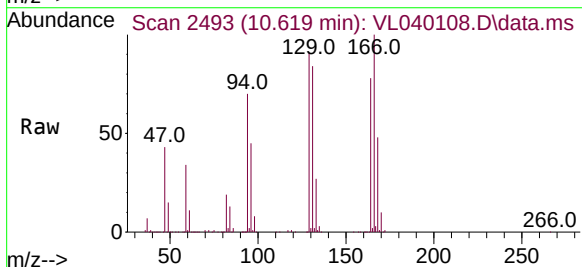
Ion Ratio Lower Upper

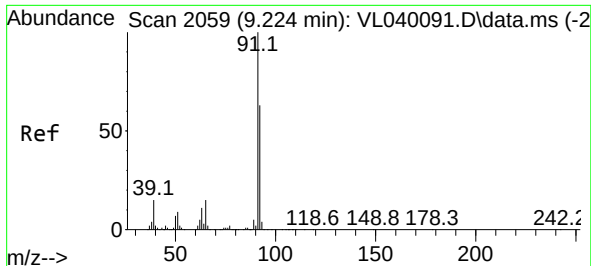
164 100

166 127.4 101.2 151.8

129 116.5 90.2 135.2

131 106.8 83.8 125.8

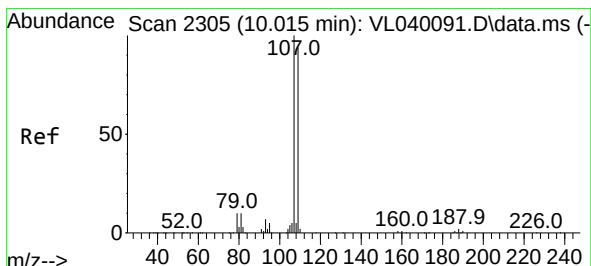
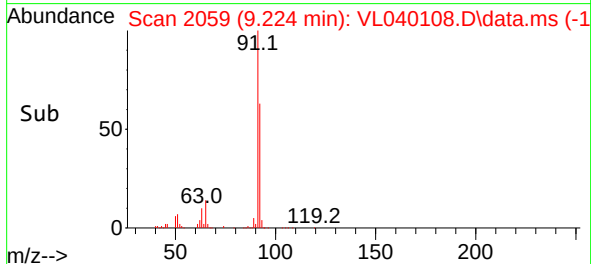
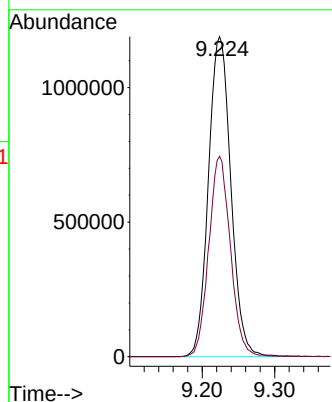
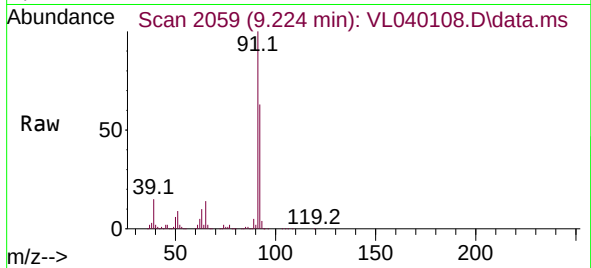




#53
Toluene
Concen: 11.569 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

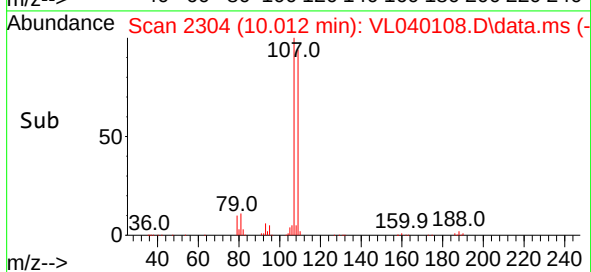
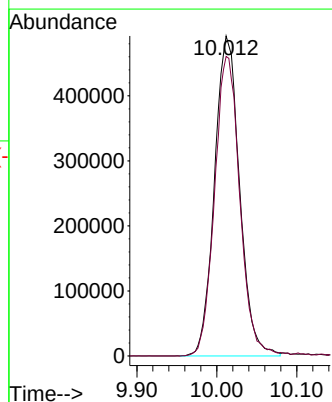
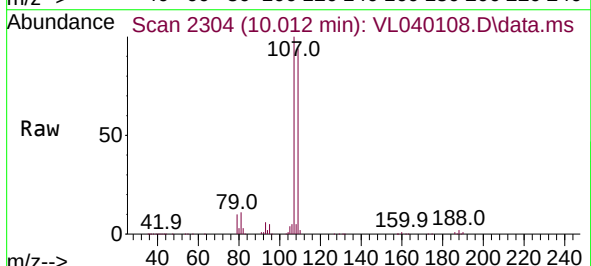
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

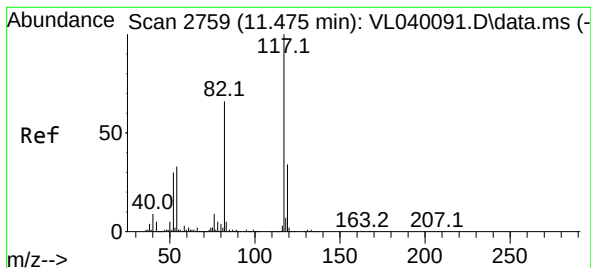
Tgt Ion: 91 Resp: 2556482
Ion Ratio Lower Upper
91 100
92 60.4 48.3 72.5



#54
1,2-Dibromoethane
Concen: 11.980 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 107 Resp: 1070118
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.4

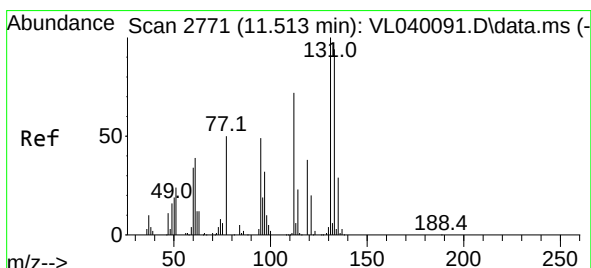
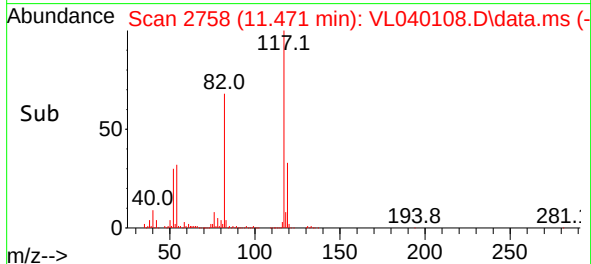
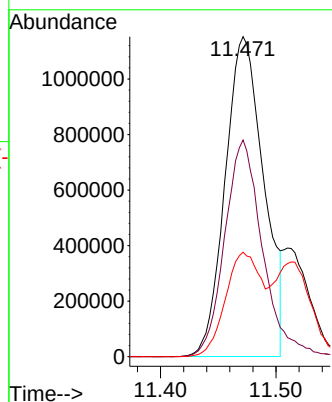
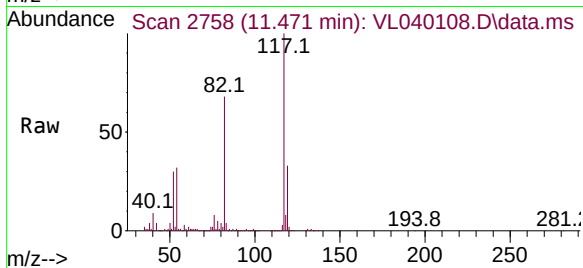




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2759
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

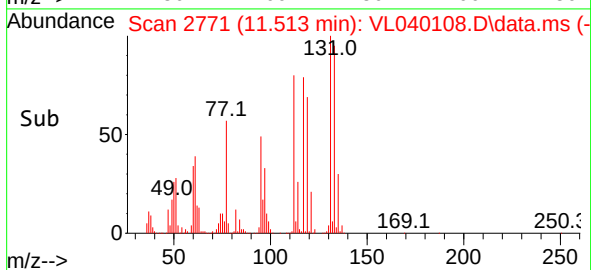
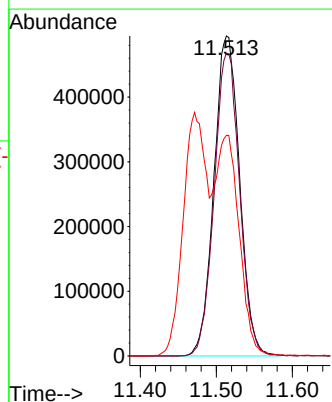
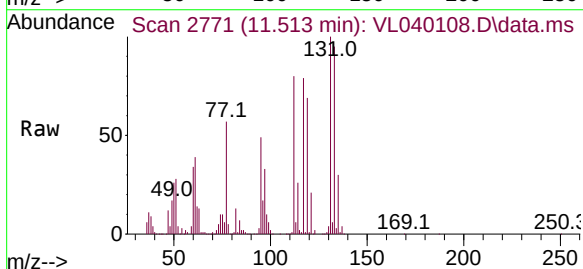
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

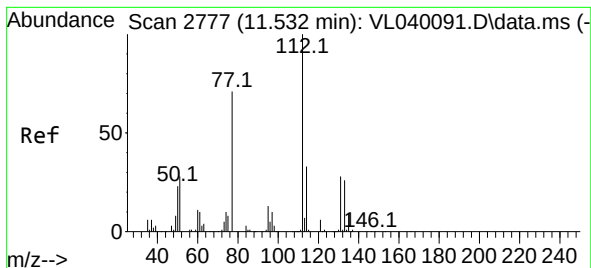
Tgt Ion:117 Resp: 2677015
Ion Ratio Lower Upper
117 100
82 66.7 54.4 81.6
119 33.4 26.8 40.2



#56
1,1,1,2-Tetrachloroethane
Concen: 11.096 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:131 Resp: 1156109
Ion Ratio Lower Upper
131 100
133 94.0 75.6 113.4
119 63.1 47.2 70.8





#57

Chlorobenzene

Concen: 10.691 ppbv

RT: 11.533 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_1

ClientSampleId :

VL0119ABS01

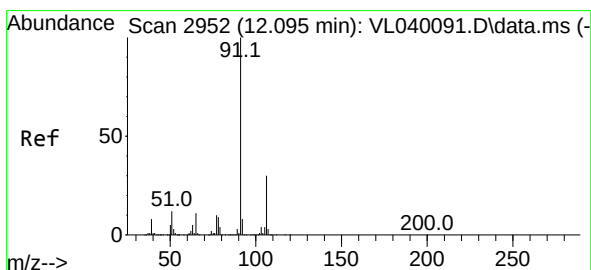
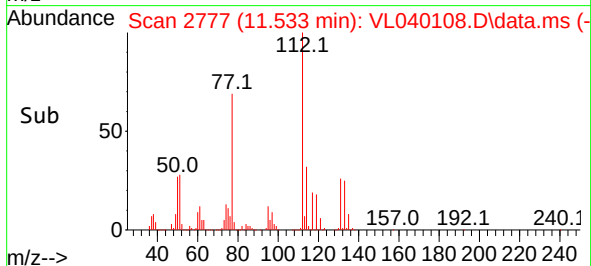
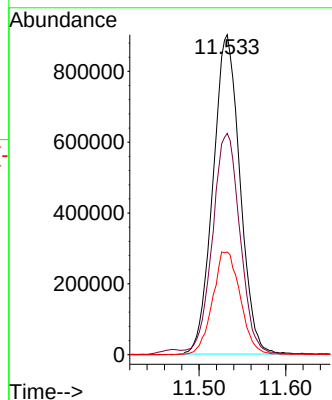
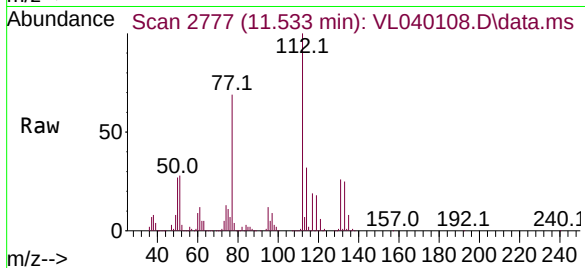
Tgt Ion:112 Resp: 1950869

Ion Ratio Lower Upper

112 100

77 68.9 57.3 85.9

114 32.0 29.6 36.2



#58

Ethyl Benzene

Concen: 11.646 ppbv

RT: 12.095 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VL040108.D

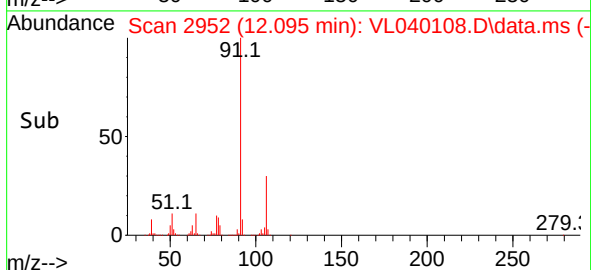
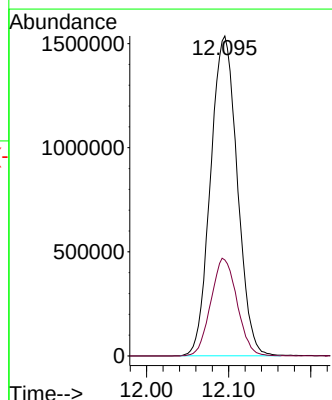
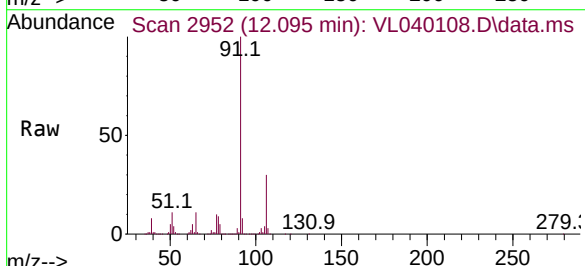
Acq: 19 Jan 2023 11:30

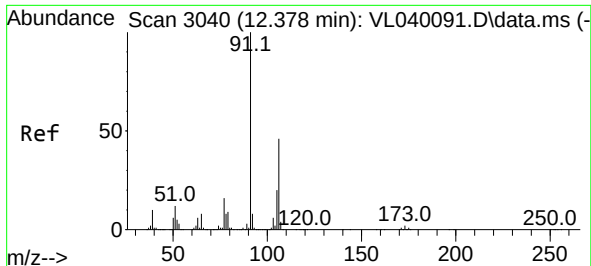
Tgt Ion: 91 Resp: 3479257

Ion Ratio Lower Upper

91 100

106 30.0 23.7 35.5





#59

m/p-Xylene

Concen: 11.599 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

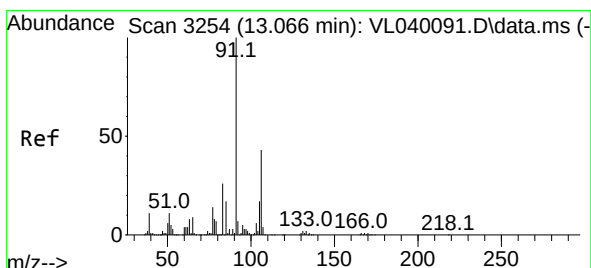
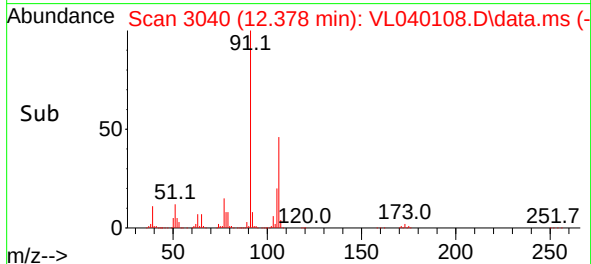
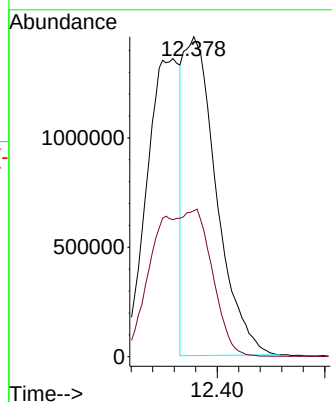
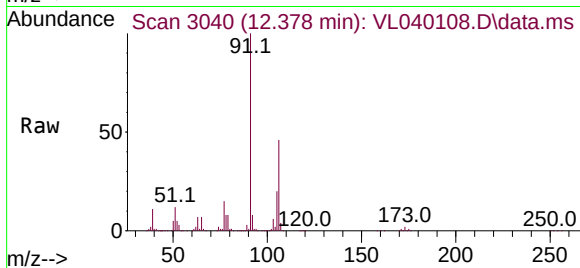
VL0119ABS01

Tgt Ion: 91 Resp: 3115563

Ion Ratio Lower Upper

91 100

106 83.7 34.2 51.4#



#60

o-Xylene

Concen: 11.406 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.003 min

Lab File: VL040108.D

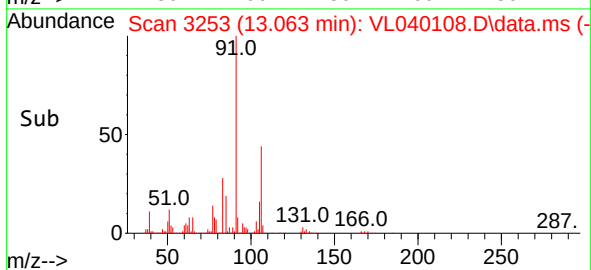
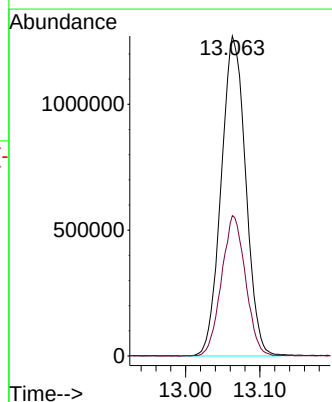
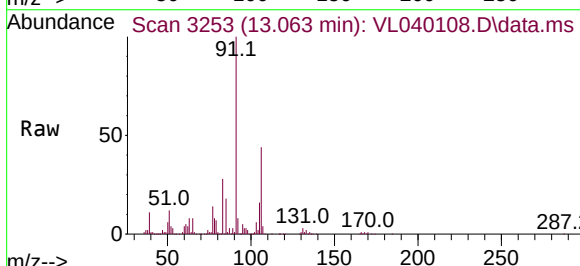
Acq: 19 Jan 2023 11:30

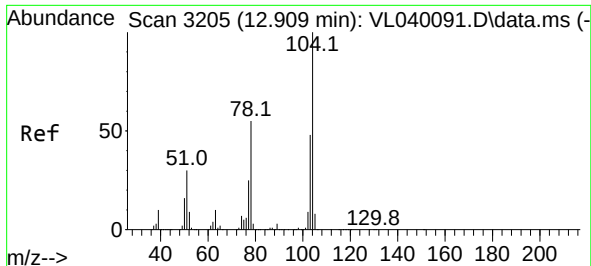
Tgt Ion: 91 Resp: 2908024

Ion Ratio Lower Upper

91 100

106 43.1 21.6 64.8

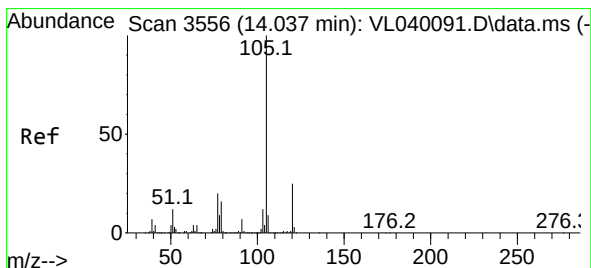
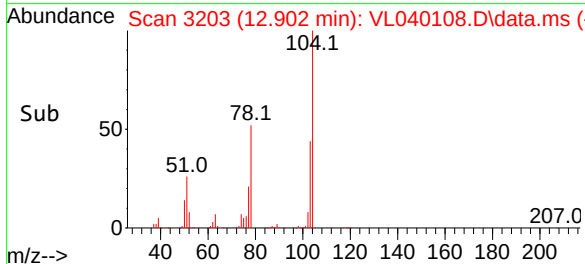
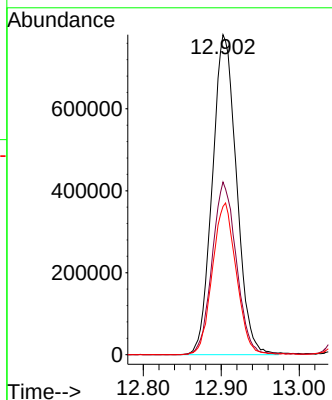
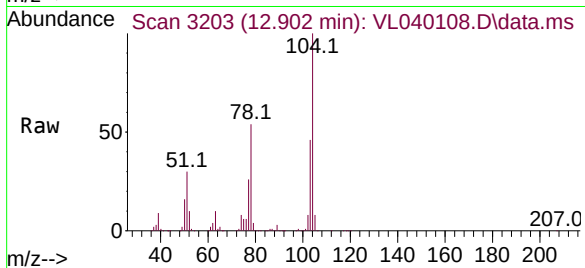




#61
Styrene
Concen: 12.675 ppbv
RT: 12.902 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

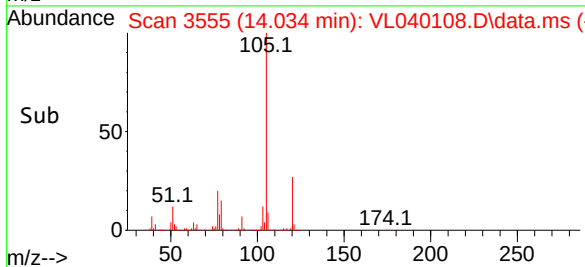
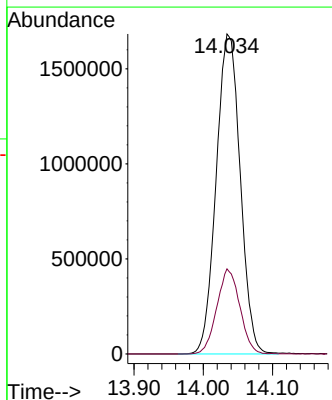
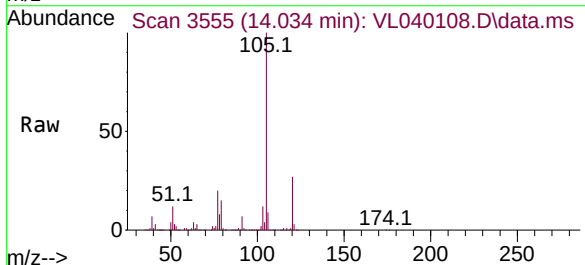
Instrument :
MSVOA_1
ClientSampleId :
VL0119ABS01

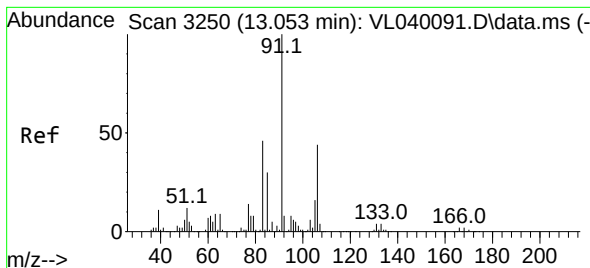
Tgt Ion:104 Resp: 1683990
Ion Ratio Lower Upper
104 100
78 54.1 44.0 66.0
103 47.0 37.8 56.6



#62
Isopropylbenzene
Concen: 11.054 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:105 Resp: 4053723
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.2

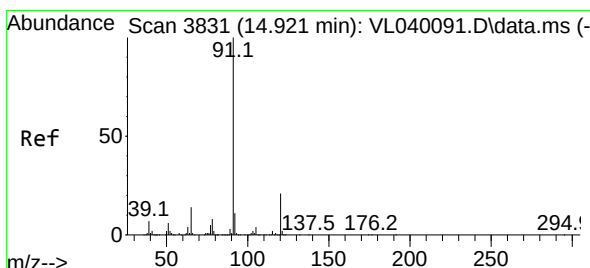
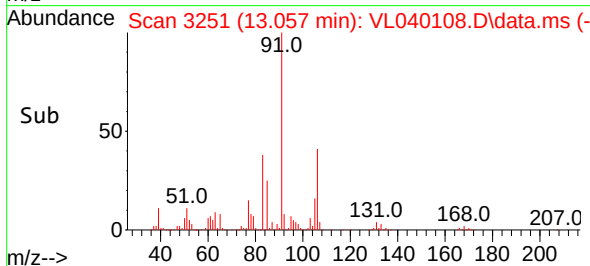
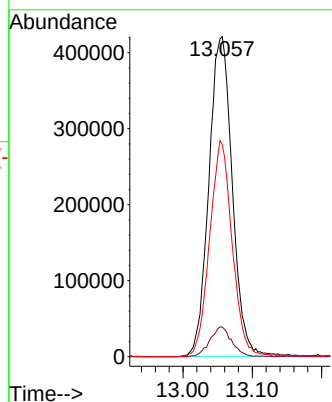
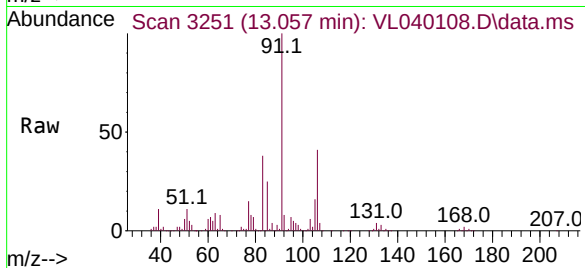




#63
1,1,2,2-Tetrachloroethane
Concen: 10.703 ppbv
RT: 13.057 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

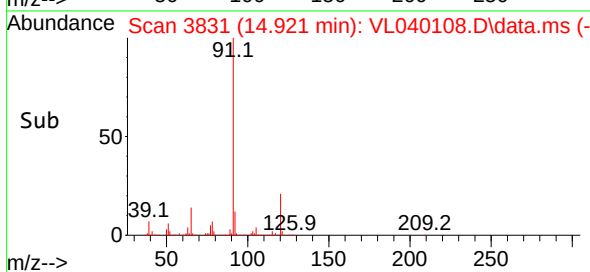
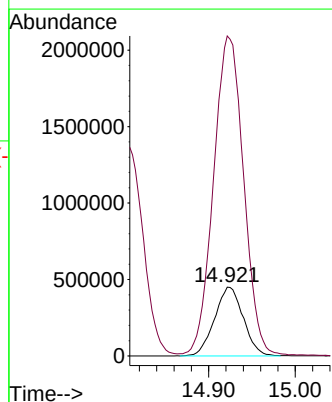
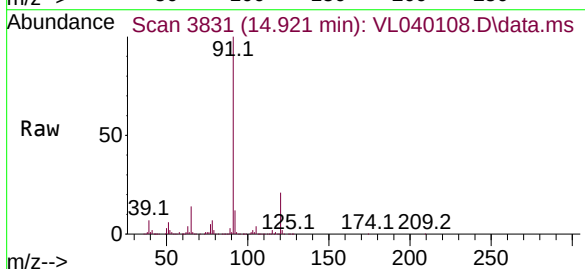
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABS01

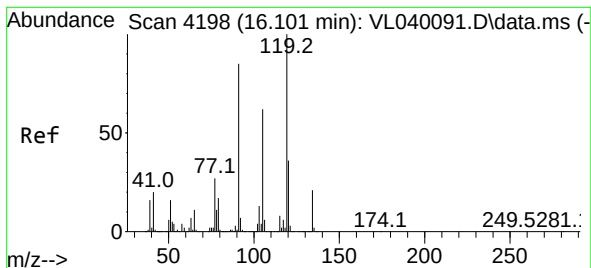
Tgt Ion: 83 Resp: 990858
Ion Ratio Lower Upper
83 100
131 8.7 4.3 13.1
85 65.0 32.5 97.5



#64
n-propylbenzene
Concen: 11.316 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:120 Resp: 1031585
Ion Ratio Lower Upper
120 100
91 491.8 397.0 595.4





#65

tert-Butylbenzene

Concen: 11.208 ppbv

RT: 16.098 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_1

ClientSampleId :

VL0119ABS01

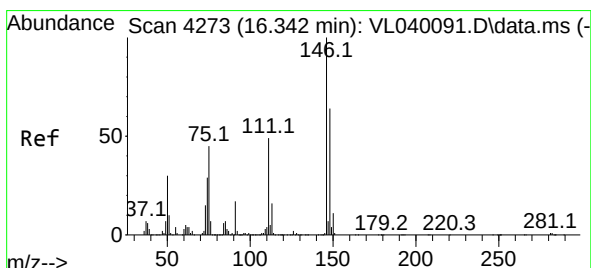
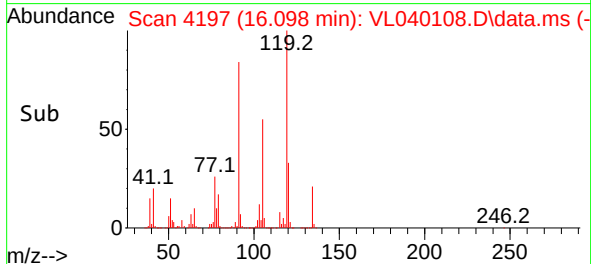
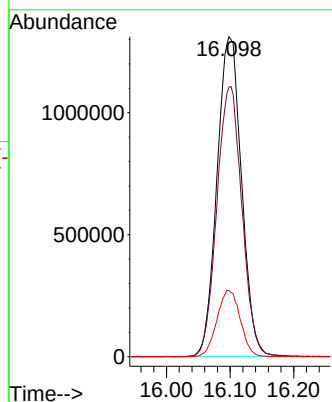
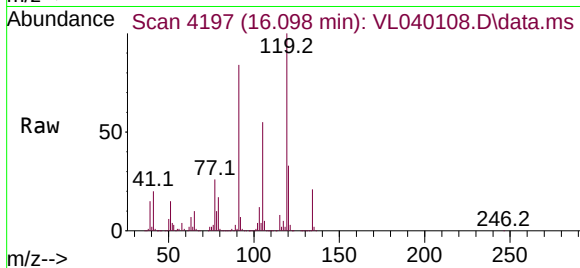
Tgt Ion:119 Resp: 3518821

Ion Ratio Lower Upper

119 100

91 86.2 69.5 104.3

134 19.7 15.8 23.8



#66

Benzyl Chloride

Concen: 12.222 ppbv

RT: 16.339 min Scan# 4272

Delta R.T. -0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

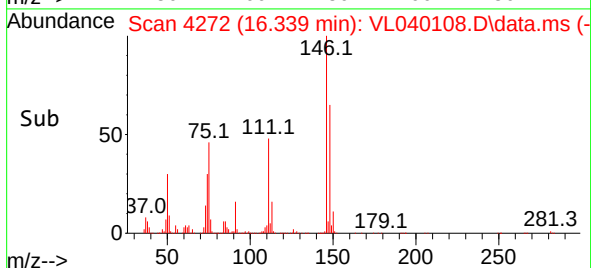
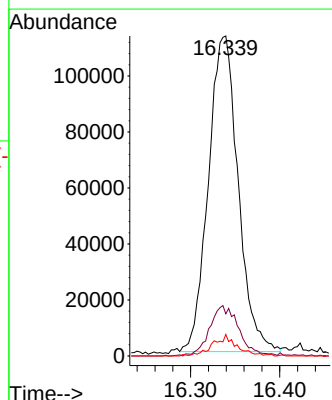
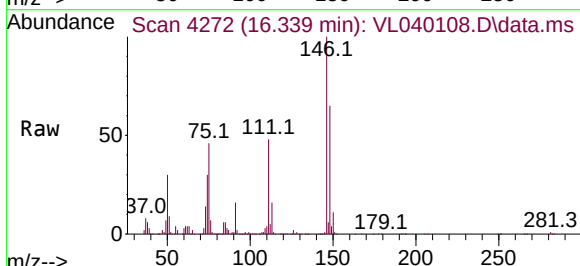
Tgt Ion: 91 Resp: 262244

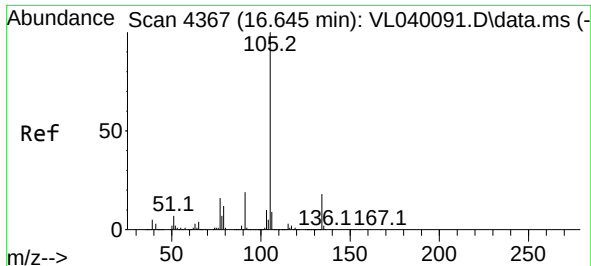
Ion Ratio Lower Upper

91 100

126 15.8 11.5 17.3

128 5.5 0.0 0.0#

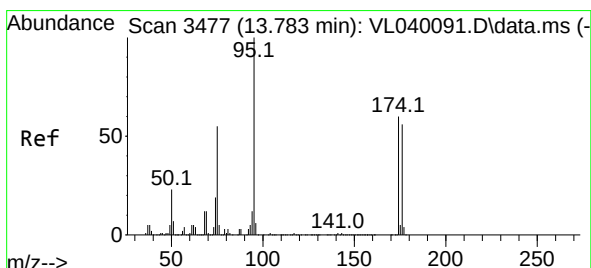
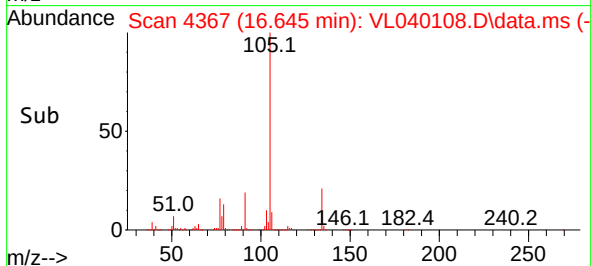
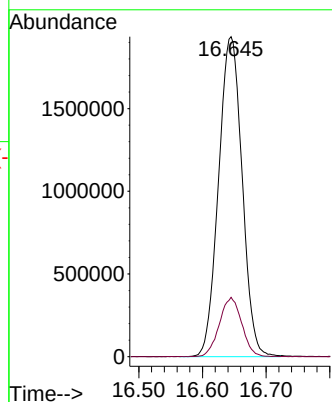
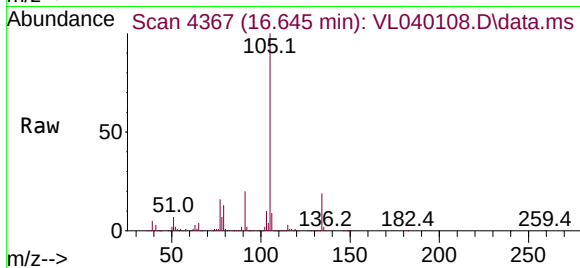




#67
 sec-Butylbenzene
 Concen: 11.170 ppbv
 RT: 16.645 min Scan# 4367
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

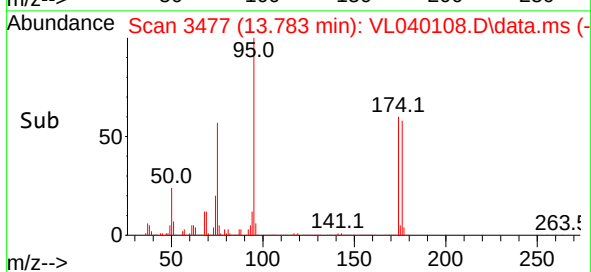
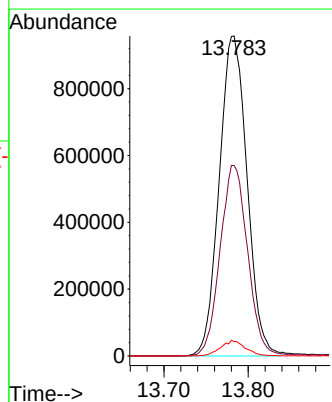
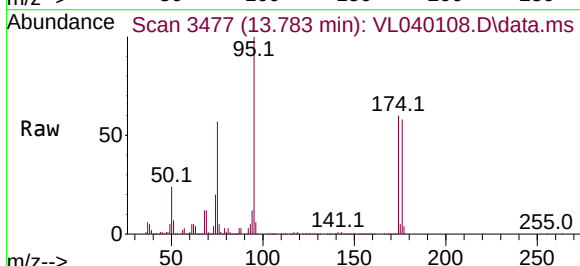
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0119ABS01

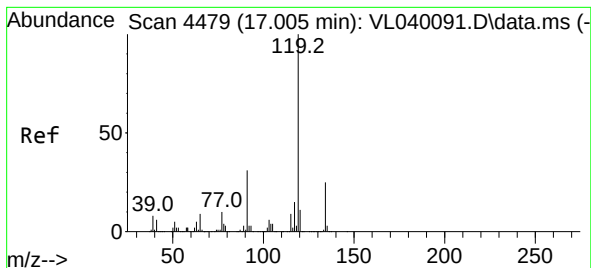
Tgt Ion:105 Resp: 4971926
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.856 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Tgt Ion: 95 Resp: 2192774
 Ion Ratio Lower Upper
 95 100
 174 59.4 47.7 71.5
 175 4.4 3.4 5.2

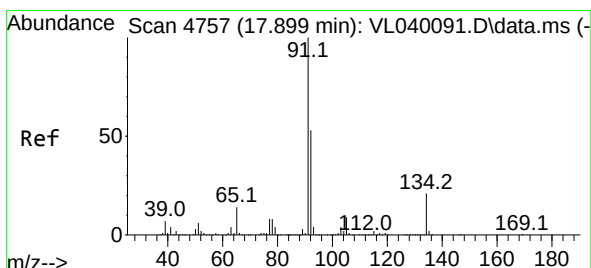
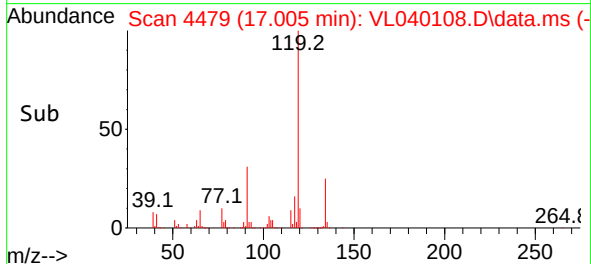
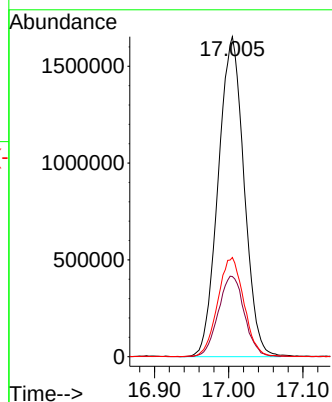
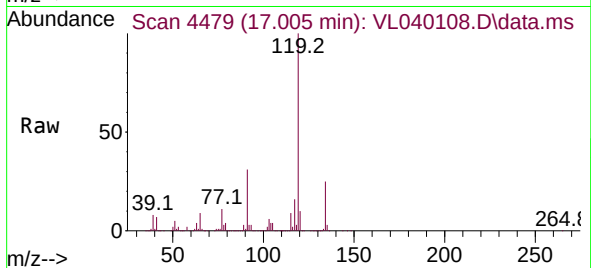




#69
p-Isopropyltoluene
Concen: 11.418 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

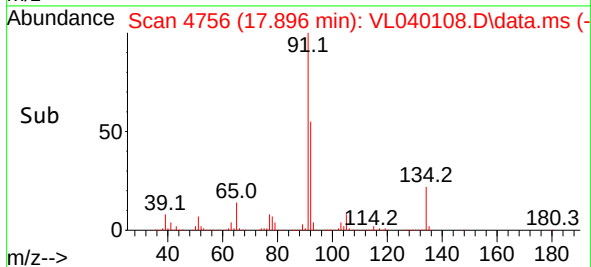
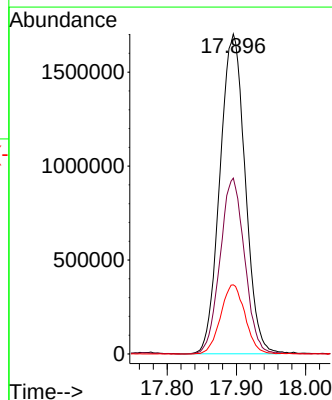
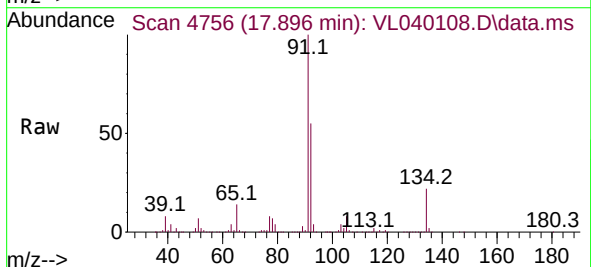
Instrument :
MSVOA_1
ClientSampleId :
VL0119ABS01

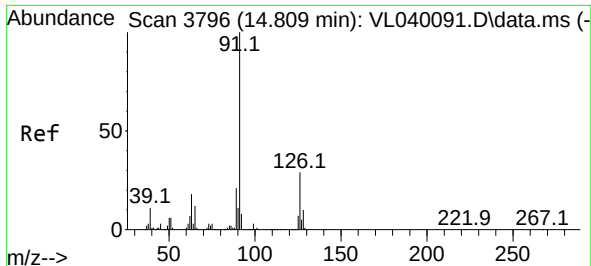
Tgt Ion:119 Resp: 3993728
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 31.4 25.0 37.4



#70
n-Butylbenzene
Concen: 11.412 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion: 91 Resp: 4304652
Ion Ratio Lower Upper
91 100
92 53.5 42.8 64.2
134 21.1 16.9 25.3

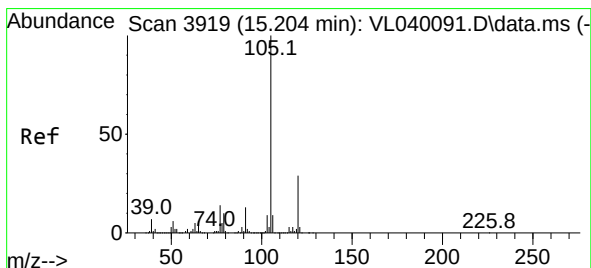
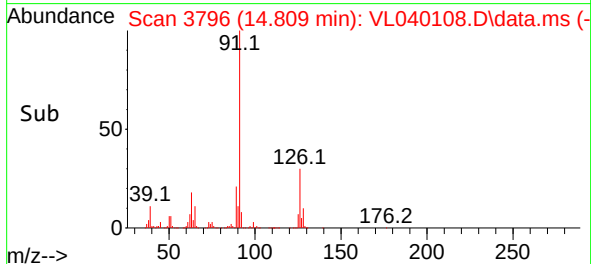
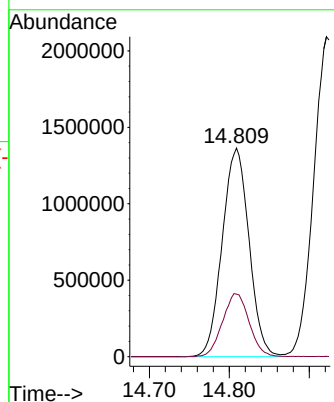
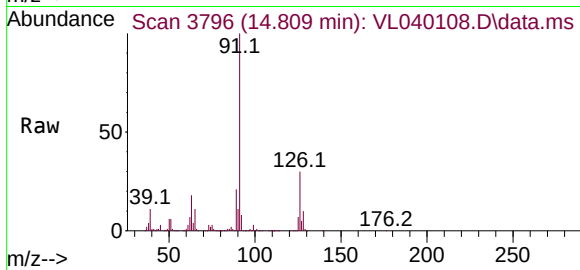




#71
2-Chlorotoluene
Concen: 11.240 ppbv
RT: 14.809 min Scan# 3170
Delta R.T. 0.000 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

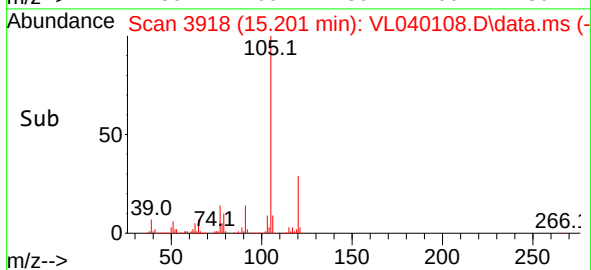
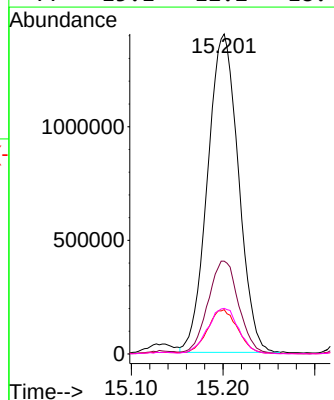
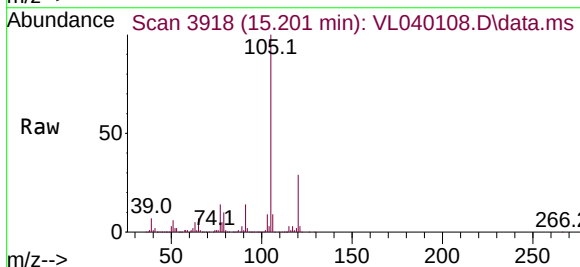
Instrument :
MSVOA_1
ClientSampleId :
VL0119ABS01

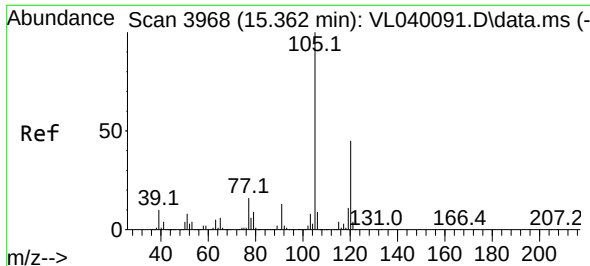
Tgt Ion: 91 Resp: 3170099
Ion Ratio Lower Upper
91 100
126 30.1 11.9 47.5



#72
4-Ethyltoluene
Concen: 11.569 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:105 Resp: 3273140
Ion Ratio Lower Upper
105 100
120 29.2 23.1 34.7
91 14.4 11.2 16.8
77 15.1 12.2 18.4

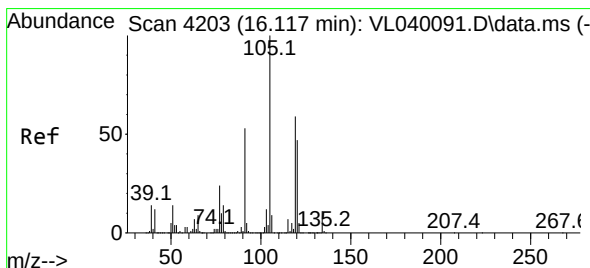
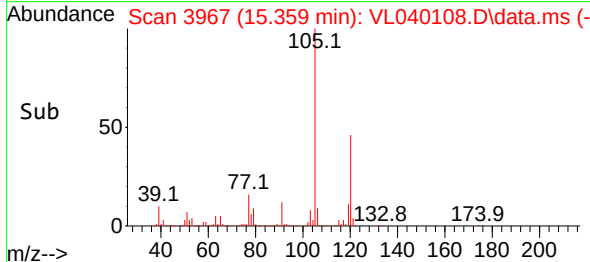
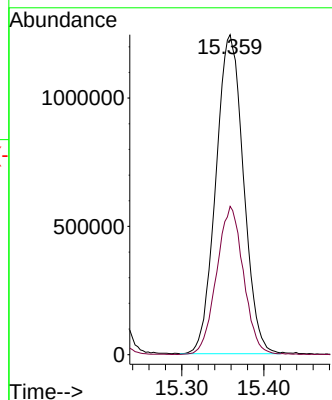
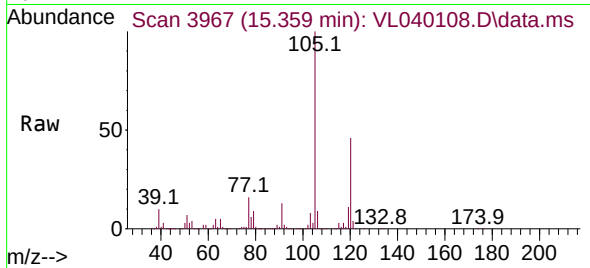




#73
 1,3,5-Trimethylbenzene
 Concen: 11.425 ppbv
 RT: 15.359 min Scan# 3967
 Delta R.T. -0.003 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

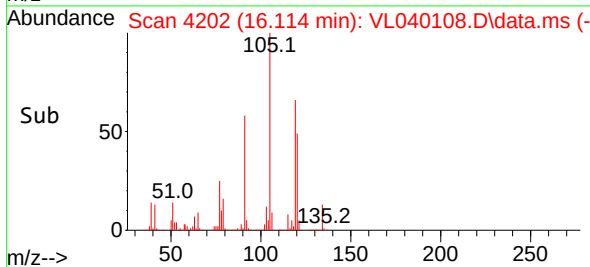
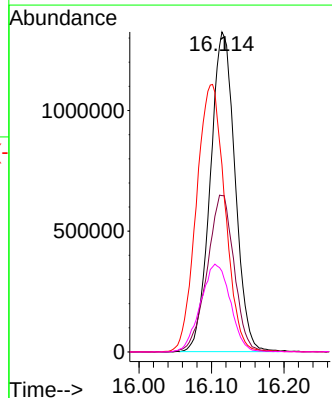
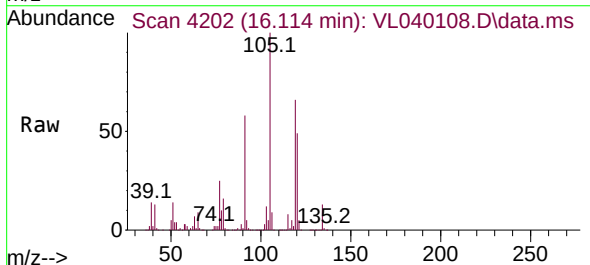
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0119ABS01

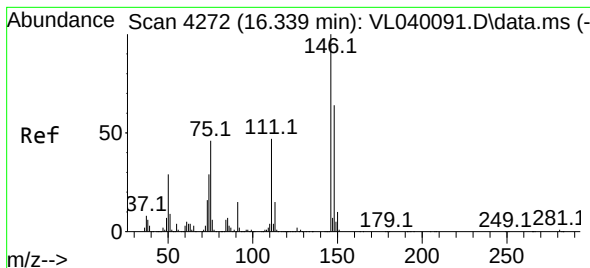
Tgt Ion:105 Resp: 2910299
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.2 54.4



#74
 1,2,4-Trimethylbenzene
 Concen: 11.137 ppbv
 RT: 16.114 min Scan# 4202
 Delta R.T. -0.003 min
 Lab File: VL040108.D
 Acq: 19 Jan 2023 11:30

Tgt Ion:105 Resp: 3142570
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.0 57.0
 91 58.3 42.1 63.1
 77 25.1 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 11.183 ppbv

RT: 16.339 min Scan# 4272

Delta R.T. 0.000 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_1

ClientSampleId :

VL0119ABS01

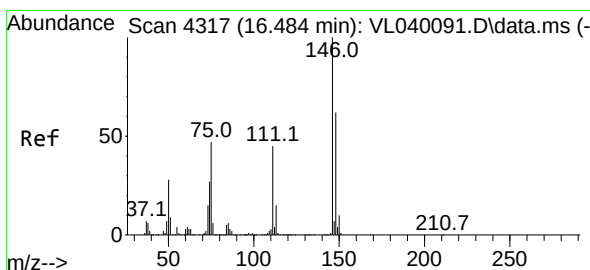
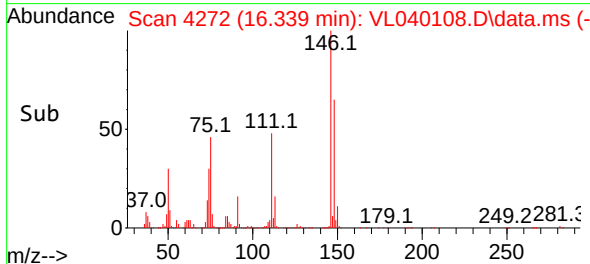
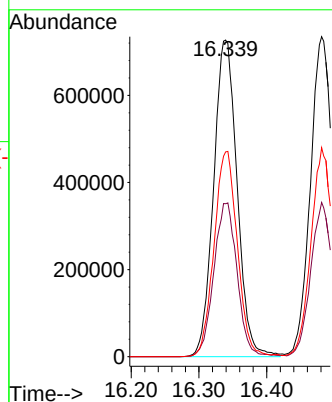
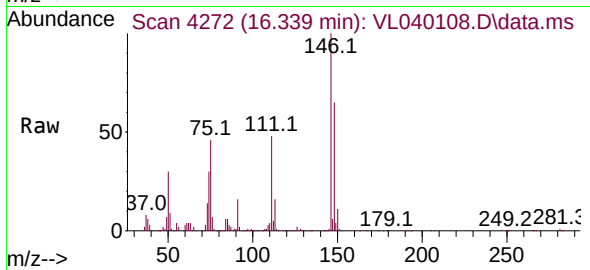
Tgt Ion:146 Resp: 1752584

Ion Ratio Lower Upper

146 100

111 48.2 24.3 73.0

148 64.4 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 11.060 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. -0.003 min

Lab File: VL040108.D

Acq: 19 Jan 2023 11:30

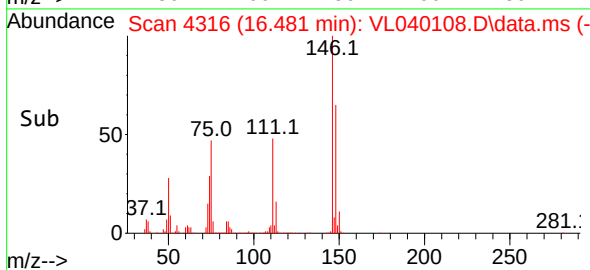
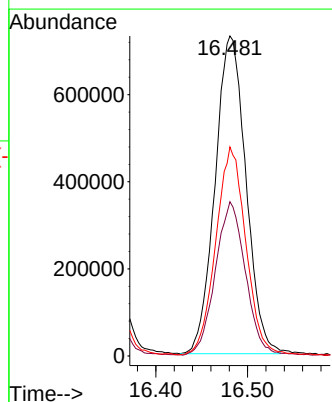
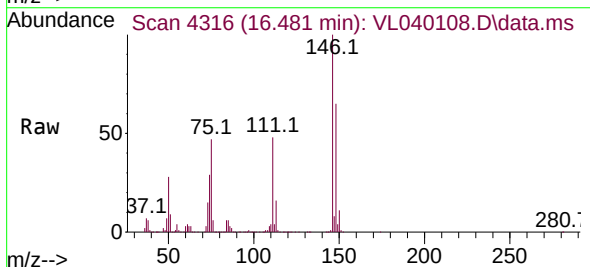
Tgt Ion:146 Resp: 1704354

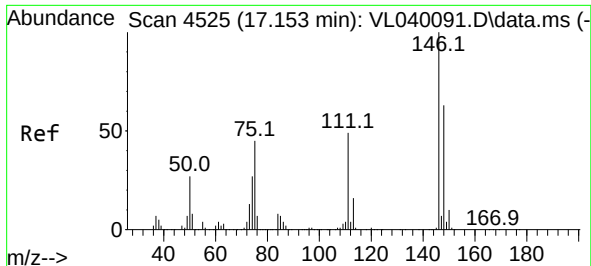
Ion Ratio Lower Upper

146 100

111 47.9 23.8 71.2

148 64.8 32.8 98.4

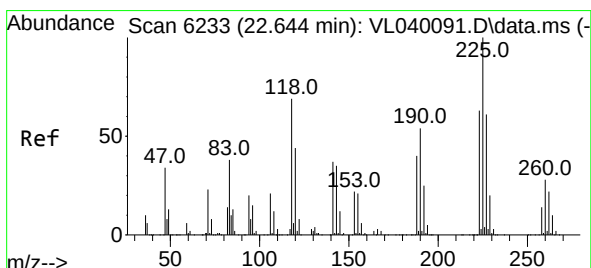
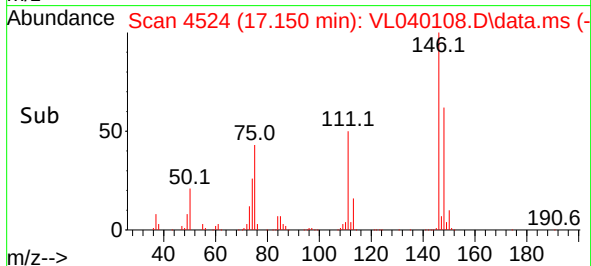
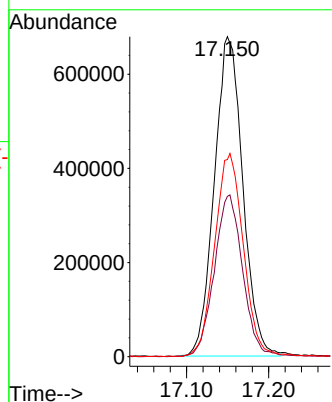
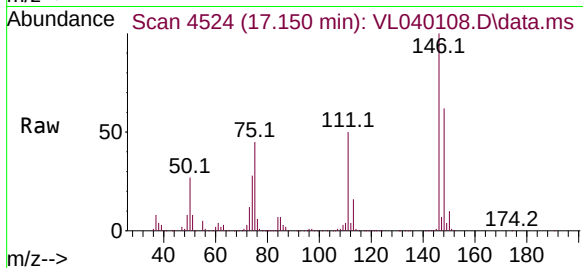




#77
1,2-Dichlorobenzene
Concen: 10.917 ppbv
RT: 17.150 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

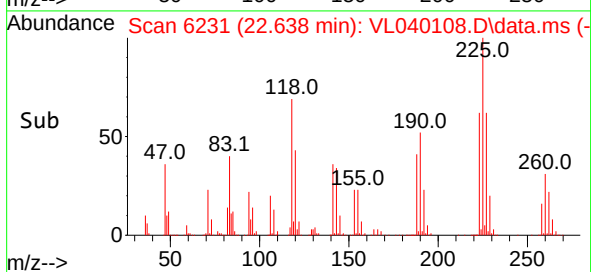
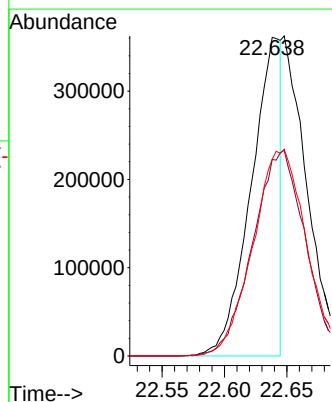
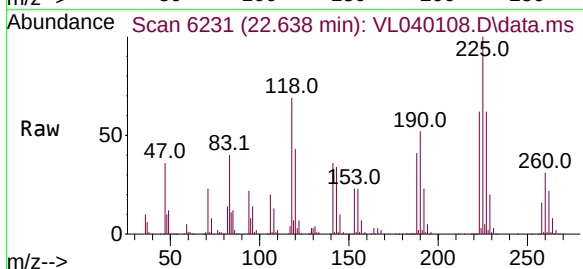
Instrument :
MSVOA_1
ClientSampleId :
VL0119ABS01

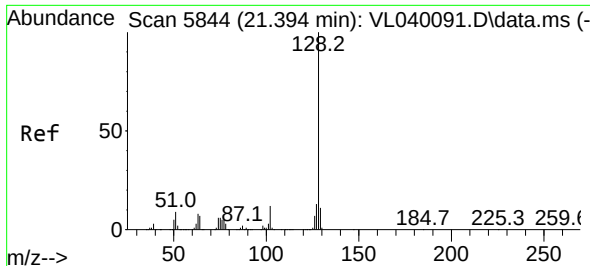
Tgt Ion:146 Resp: 1636207
Ion Ratio Lower Upper
146 100
111 50.9 25.1 75.2
148 64.2 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 5.451 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.006 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:225 Resp: 598451
Ion Ratio Lower Upper
225 100
223 0.0 51.5 77.3#
227 0.0 50.6 76.0#

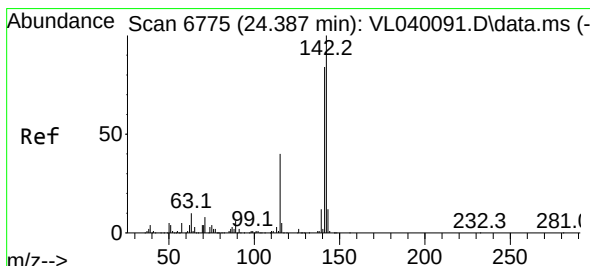
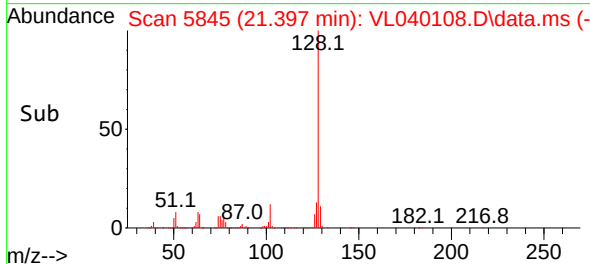
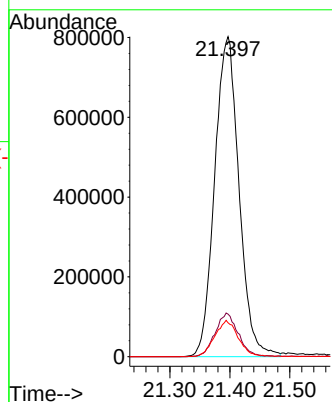
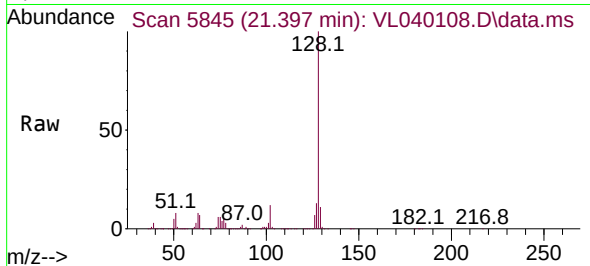




#79
Naphthalene
Concen: 13.972 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

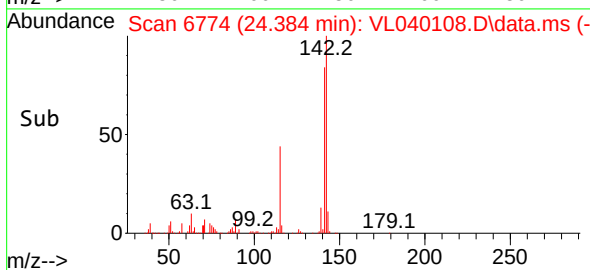
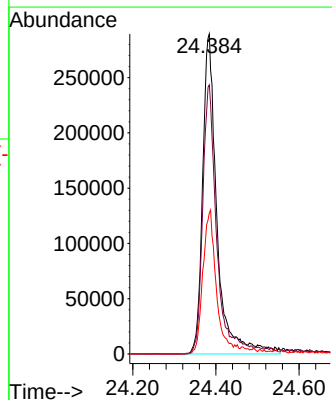
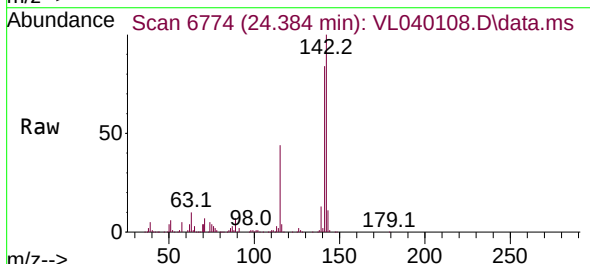
Instrument :
MSVOA_1
ClientSampleId :
VL0119ABS01

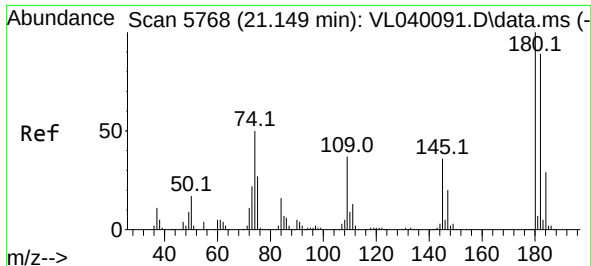
Tgt Ion:128 Resp: 2258589
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.6 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 12.767 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.003 min
Lab File: VL040108.D
Acq: 19 Jan 2023 11:30

Tgt Ion:142 Resp: 695408
Ion Ratio Lower Upper
142 100
141 84.3 65.0 97.6
115 43.9 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 11.691 ppbv

RT: 21.149 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040108.D

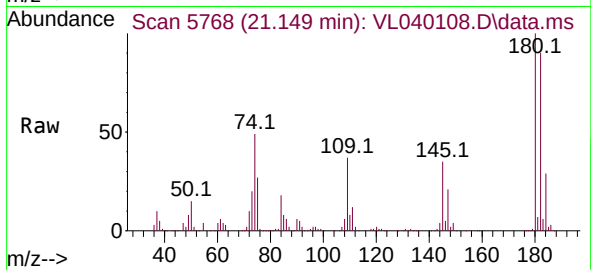
Acq: 19 Jan 2023 11:30

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABS01



Tgt Ion:180 Resp: 1164848

Ion Ratio Lower Upper

180 100

182 97.0 78.6 117.8

184 30.9 25.1 37.7

