

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039699.D
 Acq On : 10 Oct 2022 16:55
 Operator : SY/AP
 Sample : VL1010ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01

Quant Time: Oct 11 07:18:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1049433	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.651	114	2782873	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2888407m	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2023659	9.385	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	1063808	8.744	ppbv	99
3) Chlorodifluoromethane	2.690	51	1171101	9.404	ppbv	97
4) Chloromethane	2.828	50	725499	9.654	ppbv	96
5) Vinyl Chloride	2.935	62	630001	10.057	ppbv	96
6) Bromomethane	3.134	94	226380	9.799	ppbv	92
7) Chloroethane	3.214	64	230993	10.083	ppbv	100
8) Dichlorotetrafluoroethane	2.873	85	1448801	9.928	ppbv	92
9) Propene	2.709	41	548570	9.645	ppbv	98
10) Heptane	7.574	43	1367136	10.300	ppbv	100
11) Trichlorofluoromethane	3.574	101	1446375	9.600	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.076	101	1082011	9.508	ppbv	100
13) Ethanol	3.256	45	31270	7.215	ppbv	91
14) Bromoethene	3.381	108	449125	9.886	ppbv	98
15) Acetone	3.481	43	1110280	9.508	ppbv	100
16) 1,3-Butadiene	2.999	39	607388	10.253	ppbv	99
17) tert-Butyl alcohol	3.886	59	912022	8.703	ppbv	99
18) 1,1-Dichloroethene	3.889	96	507339	10.132	ppbv	98
19) Isopropyl Alcohol	3.587	45	502428	8.441	ppbv #	97
20) Methylene Chloride	3.944	84	413991	7.668	ppbv	95
21) Allyl Chloride	4.008	41	787635	9.905	ppbv	98
22) trans-1,2-Dichloroethene	4.455	96	497995	10.054	ppbv	98
23) Vinyl Acetate	4.635	43	471586	8.933	ppbv	97
24) 1,1-Dichloroethane	4.571	63	1041504	9.907	ppbv	98
25) Ethyl Acetate	5.211	43	2426103	9.528	ppbv	99
26) Hexane	5.217	57	996762	9.224	ppbv	97
27) Carbon Disulfide	4.134	76	1238662	10.907	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	834067	9.187	ppbv	99
29) Chloroform	5.275	83	1504223	9.643	ppbv	96
30) Cyclohexane	6.600	84	851046	10.170	ppbv	97
31) cis-1,2-Dichloroethene	5.082	61	956295	9.785	ppbv	98
32) 1,1,1-Trichloroethane	6.002	97	1452238	10.283	ppbv	99
34) 2-Butanone	4.793	43	1243088	9.094	ppbv	96
35) Carbon Tetrachloride	6.491	117	1569767	10.626	ppbv	97
36) Benzene	6.372	78	2089033	9.819	ppbv	96
37) 1,2-Dichloroethane	5.809	62	1115120	9.630	ppbv	99
38) Trichloroethene	7.288	130	1204389	10.474	ppbv	99
39) 1,2-Dichloropropane	7.069	63	797314	9.705	ppbv	95
40) 1,4-Dioxane	7.282	88	302509	9.018	ppbv #	1
41) Tetrahydrofuran	5.561	42	818871	9.765	ppbv	97
42) Bromodichloromethane	7.246	83	1632106	10.133	ppbv	99
43) Methyl Methacrylate	7.471	69	805380	10.384	ppbv	97
44) 2,2,4-Trimethylpentane	7.327	57	3557149	9.700	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	742105	11.323	ppbv	95

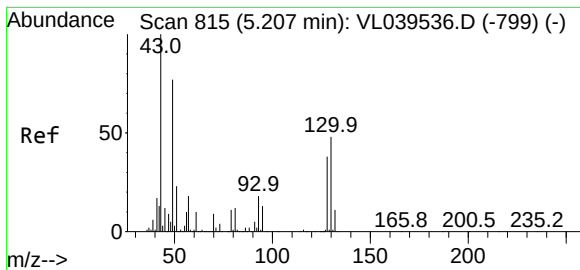
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
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Quant Time: Oct 11 07:18:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
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 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1038727	11.133	ppbv	96
47) 1,1,2-Trichloroethane	8.892	97	861892	9.598	ppbv	98
48) Dibromochloromethane	9.700	129	1413956	10.456	ppbv	100
49) Bromoform	12.397	173	1151709	10.298	ppbv	98
50) 4-Methyl-2-Pentanone	8.175	43	2208523	10.282	ppbv	98
51) 2-Hexanone	9.545	43	1721408	10.827	ppbv #	98
52) Tetrachloroethene	10.609	164	776925	9.572	ppbv	96
53) Toluene	9.217	91	2457985	10.387	ppbv	99
54) 1,2-Dibromoethane	10.002	107	988607	10.291	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.500	131	1033422	8.854	ppbv	98
57) Chlorobenzene	11.516	112	1833934	8.634	ppbv	98
58) Ethyl Benzene	12.079	91	3183181	9.558	ppbv	99
59) m/p-Xylene	12.362	91	5359493m	18.083	ppbv	
60) o-Xylene	13.050	91	2564562	9.061	ppbv	99
61) Styrene	12.886	104	1499225	9.836	ppbv	99
62) Isopropylbenzene	14.021	105	3714499	8.722	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	965572	8.553	ppbv	99
64) n-propylbenzene	14.908	120	968713	8.882	ppbv	97
65) tert-Butylbenzene	16.082	119	3228959	8.582	ppbv	99
66) Benzyl Chloride	16.320	91	246103	8.215	ppbv	99
67) sec-Butylbenzene	16.628	105	4542677	8.608	ppbv	98
69) p-Isopropyltoluene	16.989	119	3783458	8.724	ppbv	100
70) n-Butylbenzene	17.876	91	3783200	8.899	ppbv	99
71) 2-Chlorotoluene	14.793	91	2706322	8.801	ppbv	100
72) 4-Ethyltoluene	15.185	105	2995027	9.269	ppbv	100
73) 1,3,5-Trimethylbenzene	15.342	105	2674021	9.044	ppbv	97
74) 1,2,4-Trimethylbenzene	16.098	105	2852345	8.607	ppbv	97
75) 1,3-Dichlorobenzene	16.320	146	1698280	8.588	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1684735	8.517	ppbv	98
77) 1,2-Dichlorobenzene	17.133	146	1662484	8.621	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1323617	8.983	ppbv	100
79) Naphthalene	21.368	128	2802367	12.813	ppbv	100
80) Naphthalene,2-methyl-	24.368	142	790425	9.612	ppbv	96
81) 1,2,4-Trichlorobenzene	21.130	180	1574741	10.962	ppbv	100

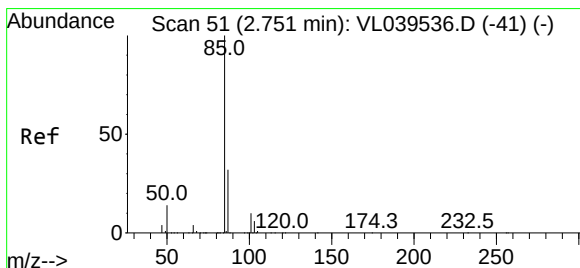
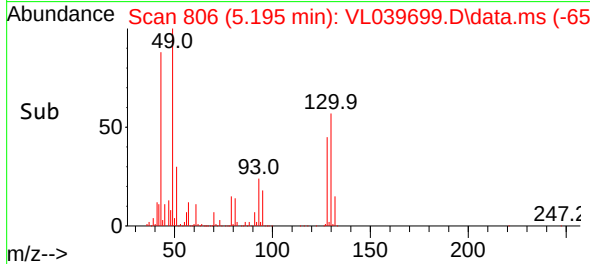
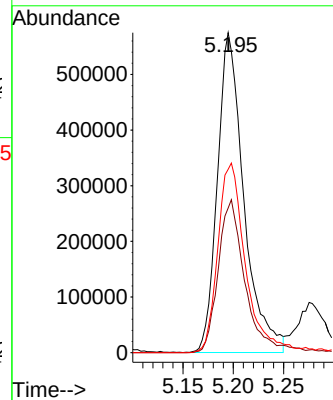
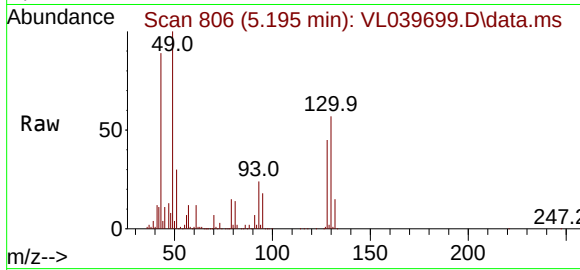
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

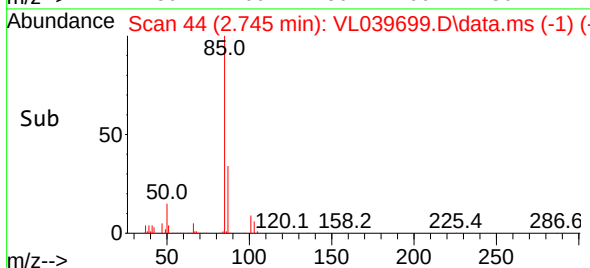
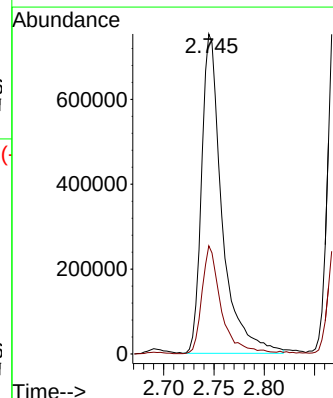
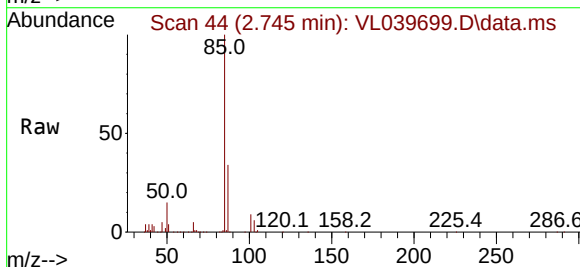
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01

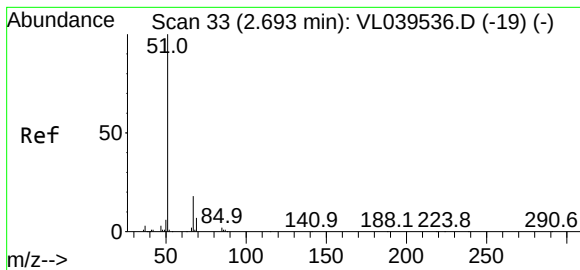
Tgt Ion: 49 Resp: 1049433
 Ion Ratio Lower Upper
 49 100
 128 49.8 26.7 80.0
 130 64.6 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 8.744 ppbv
 RT: 2.745 min Scan# 44
 Delta R.T. -0.006 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Tgt Ion: 85 Resp: 1063808
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.7 40.1

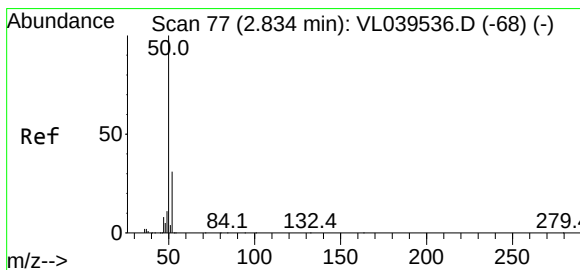
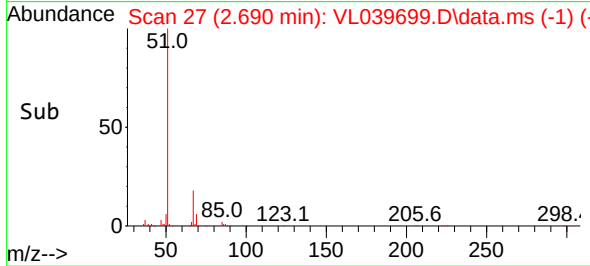
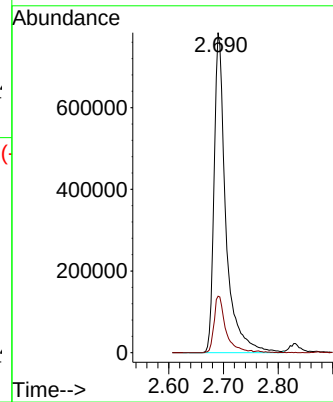
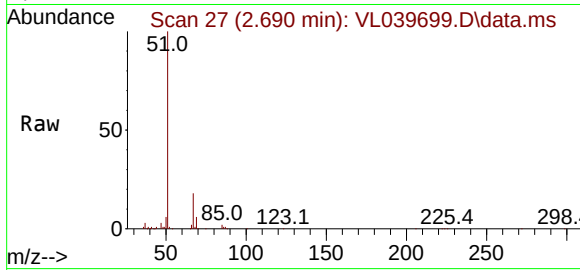




#3
Chlorodifluoromethane
Concen: 9.404 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

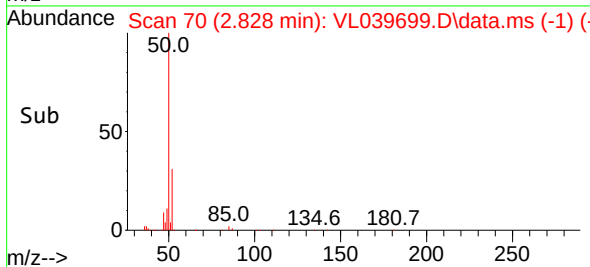
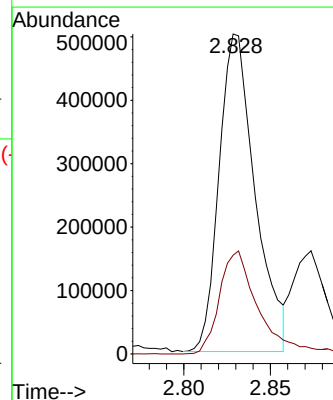
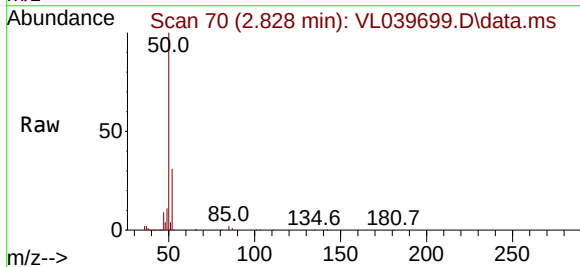
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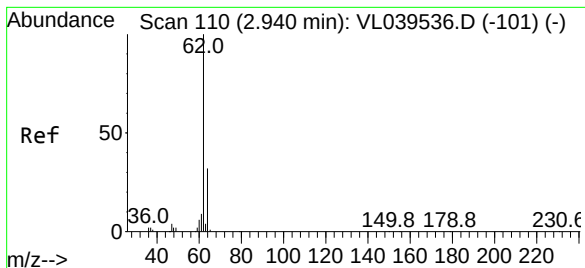
Tgt Ion: 51 Resp: 1171101
Ion Ratio Lower Upper
51 100
67 18.1 15.7 23.5



#4
Chloromethane
Concen: 9.654 ppbv
RT: 2.828 min Scan# 70
Delta R.T. -0.006 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 50 Resp: 725499
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7

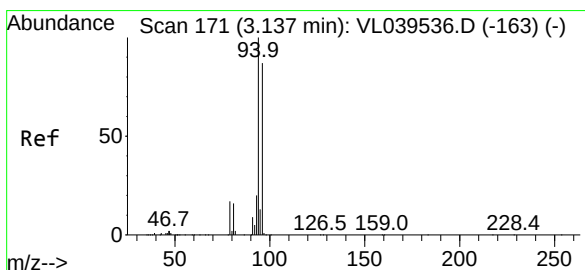
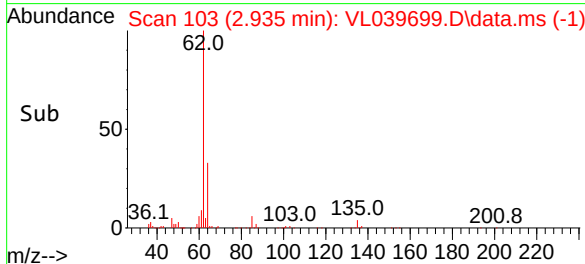
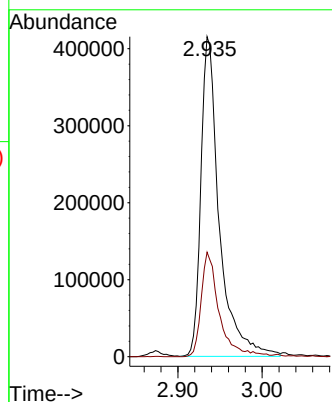
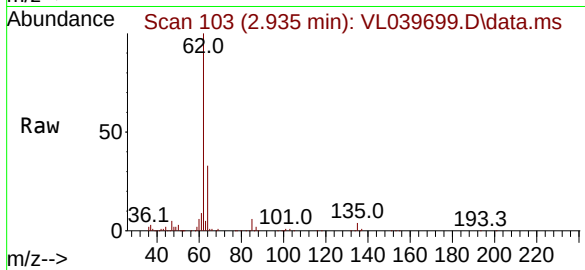




#5
 Vinyl Chloride
 Concen: 10.057 ppbv
 RT: 2.935 min Scan# 103
 Delta R.T. -0.006 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

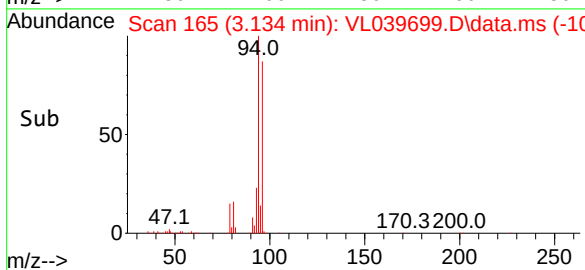
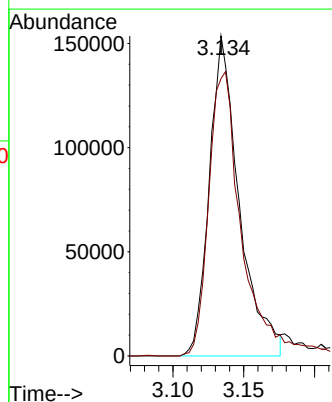
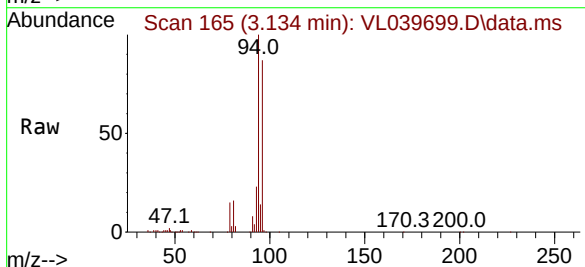
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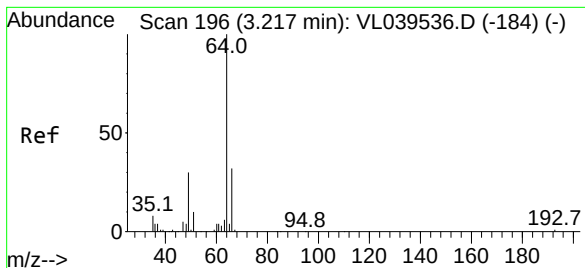
Tgt Ion: 62 Resp: 630001
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.6 36.8



#6
 Bromomethane
 Concen: 9.799 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. -0.003 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Tgt Ion: 94 Resp: 226380
 Ion Ratio Lower Upper
 94 100
 96 86.7 75.6 113.4

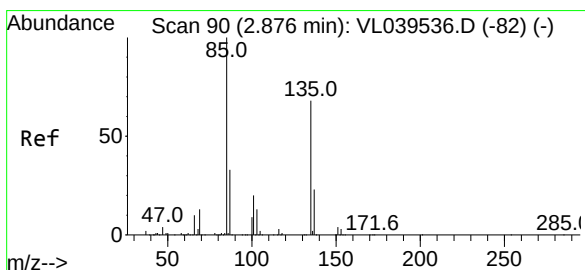
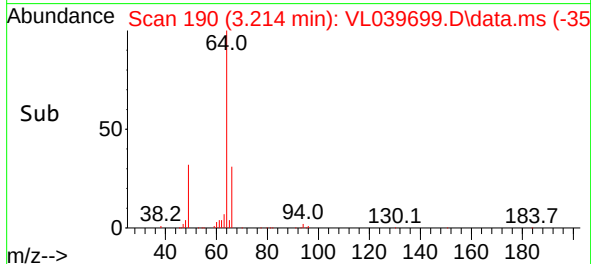
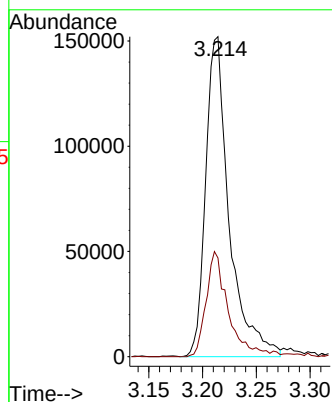
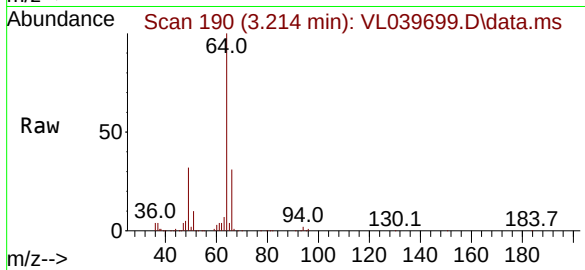




#7
Chloroethane
Concen: 10.083 ppbv
RT: 3.214 min Scan# 196
Delta R.T. -0.003 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

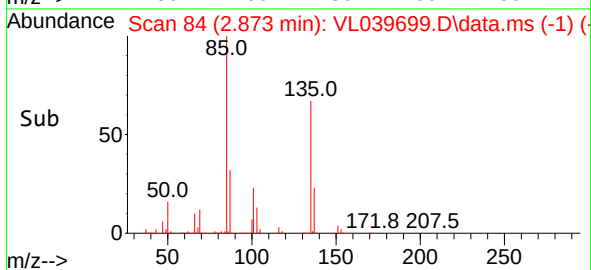
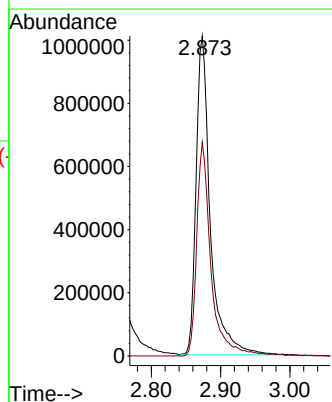
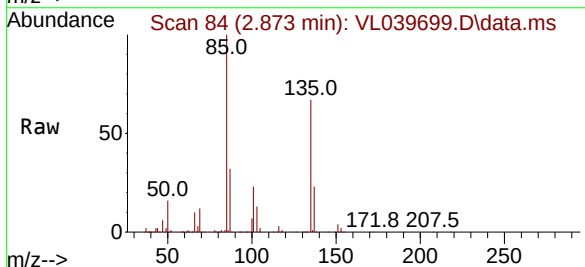
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

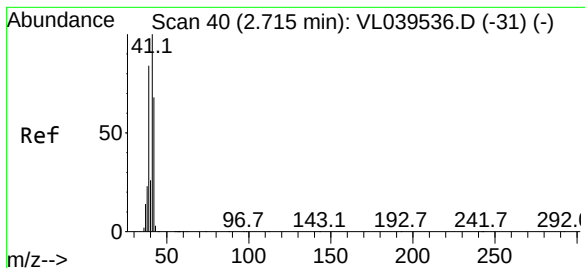
Tgt Ion: 64 Resp: 230993
Ion Ratio Lower Upper
64 100
66 30.8 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 9.928 ppbv
RT: 2.873 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 85 Resp: 1448801
Ion Ratio Lower Upper
85 100
135 67.2 59.0 88.4





#9

Propene

Concen: 9.645 ppbv

RT: 2.709 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

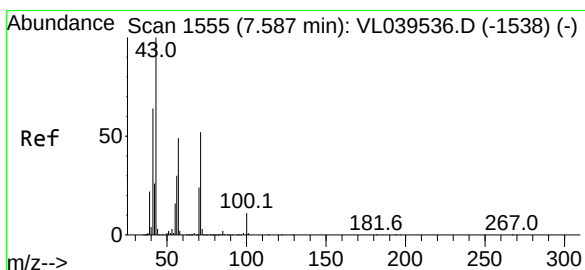
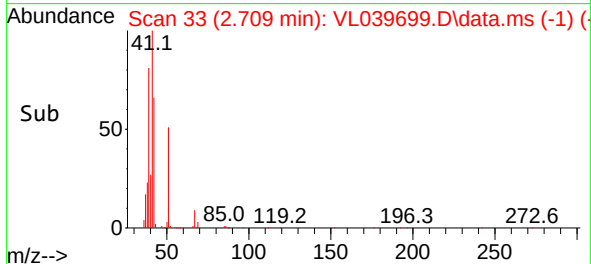
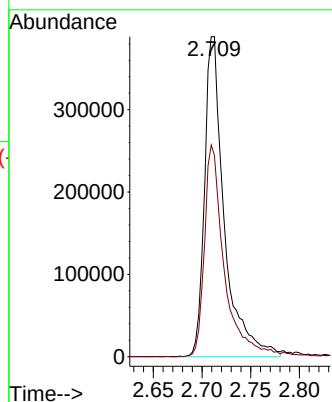
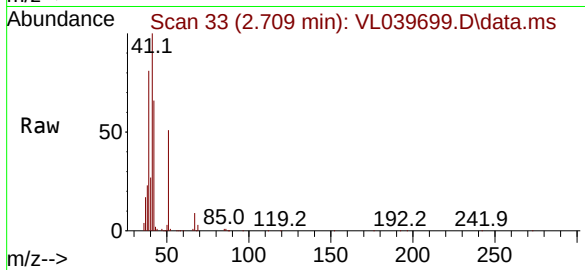
VL1010ABS01

Tgt Ion: 41 Resp: 548570

Ion Ratio Lower Upper

41 100

42 67.3 55.2 82.8



#10

Heptane

Concen: 10.300 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. -0.012 min

Lab File: VL039699.D

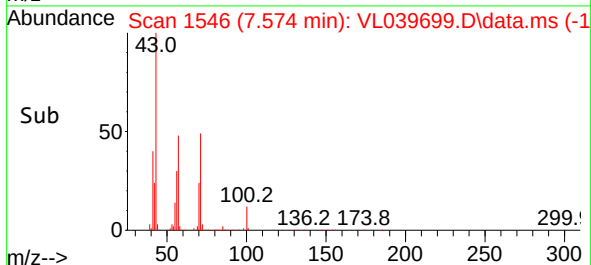
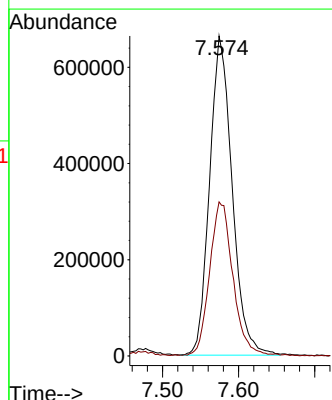
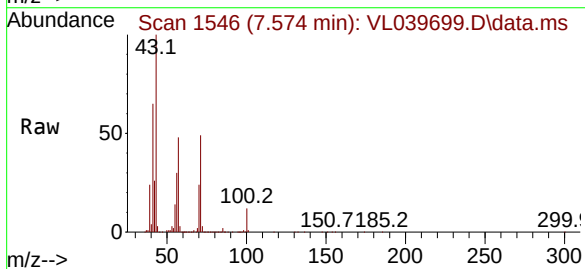
Acq: 10 Oct 2022 16:55

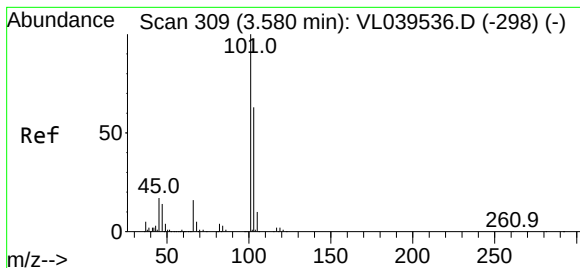
Tgt Ion: 43 Resp: 1367136

Ion Ratio Lower Upper

43 100

57 50.5 40.5 60.7

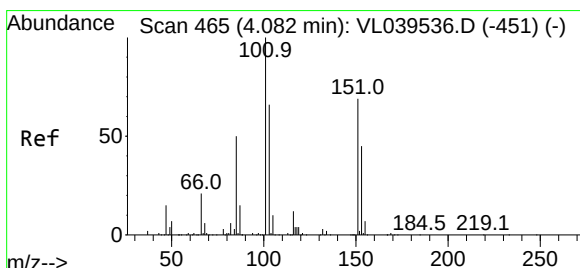
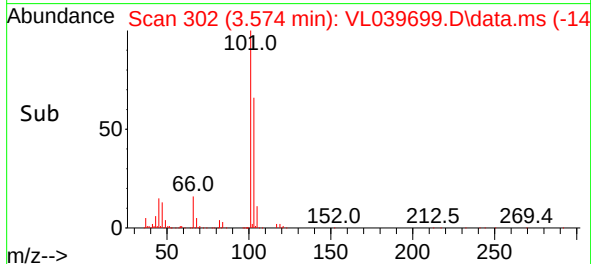
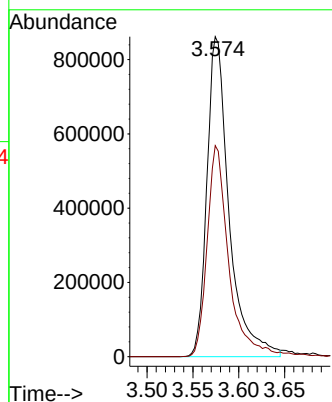
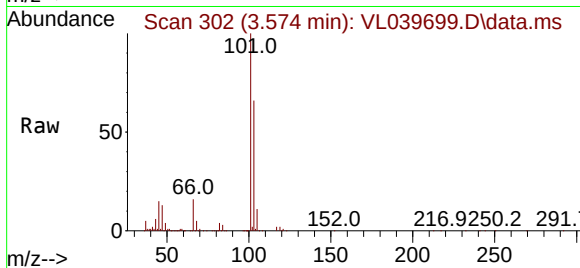




#11
Trichlorofluoromethane
Concen: 9.600 ppbv
RT: 3.574 min Scan# 309
Delta R.T. -0.006 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

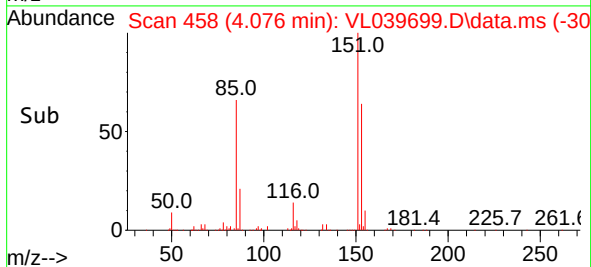
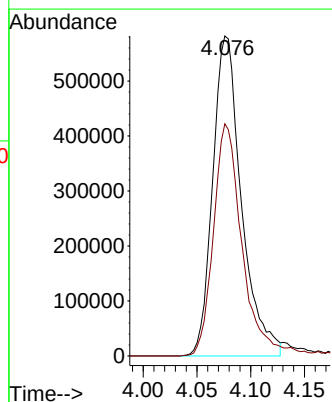
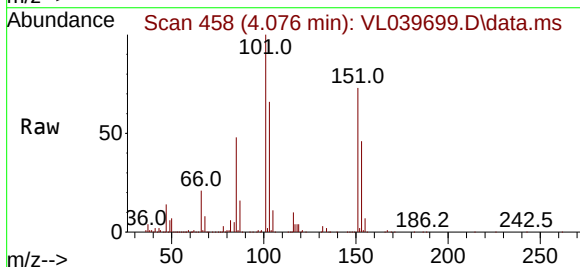
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

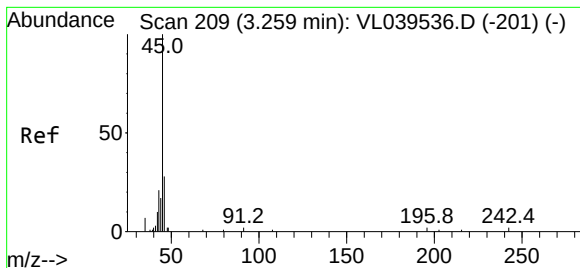
Tgt Ion:101 Resp: 1446375
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.508 ppbv
RT: 4.076 min Scan# 458
Delta R.T. -0.006 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion:101 Resp: 1082011
Ion Ratio Lower Upper
101 100
151 73.8 58.9 88.3

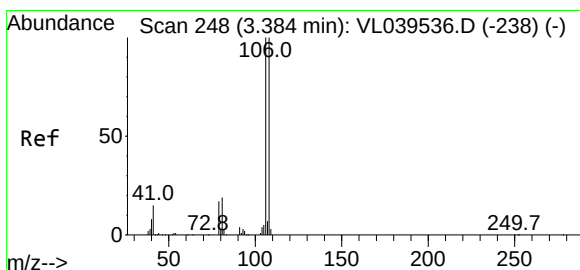
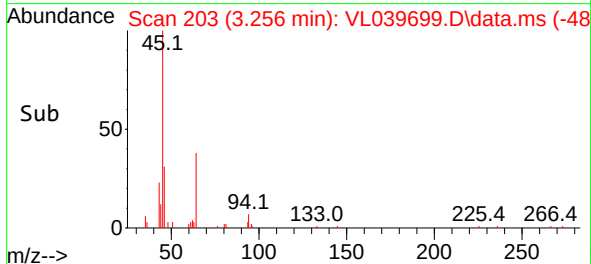
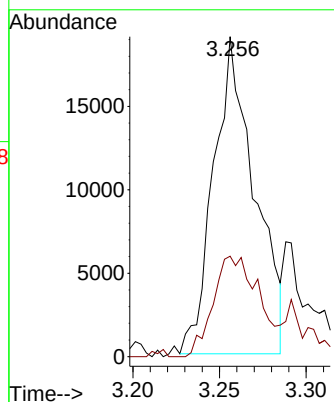
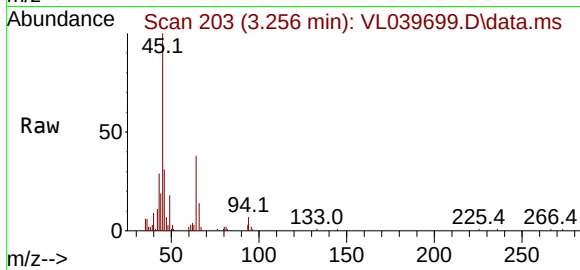




#13
 Ethanol
 Concen: 7.215 ppbv
 RT: 3.256 min Scan# 209
 Delta R.T. -0.003 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

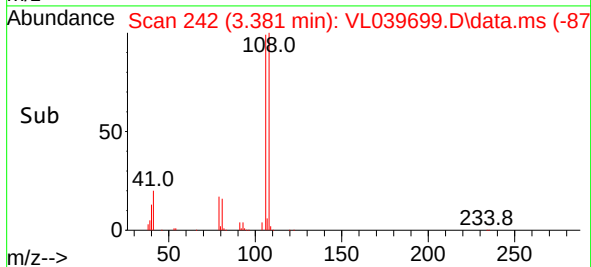
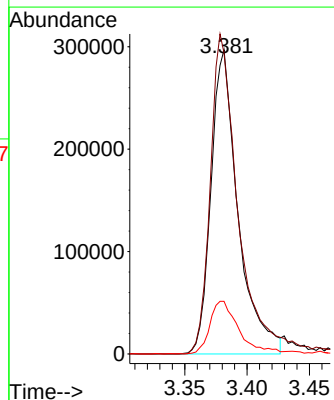
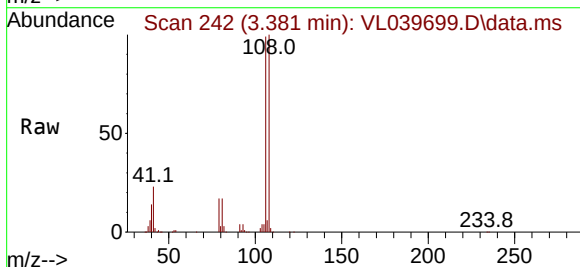
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1010ABS01

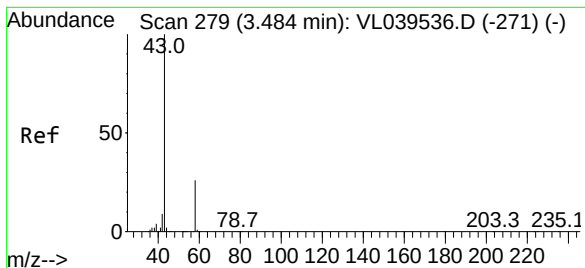
Tgt Ion: 45 Resp: 31270
 Ion Ratio Lower Upper
 45 100
 46 50.2 22.8 91.2



#14
 Bromoethene
 Concen: 9.886 ppbv
 RT: 3.381 min Scan# 242
 Delta R.T. -0.003 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Tgt Ion: 108 Resp: 449125
 Ion Ratio Lower Upper
 108 100
 106 111.1 87.1 130.7
 79 19.8 14.6 22.0

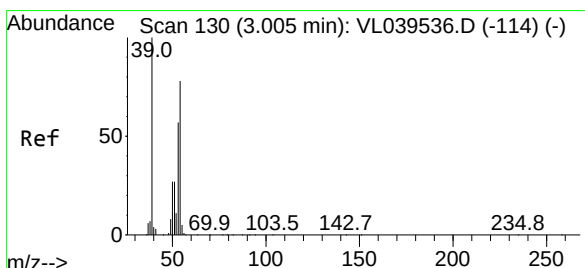
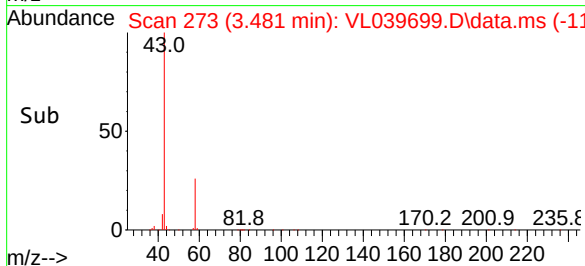
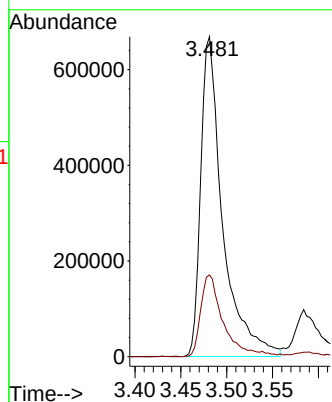
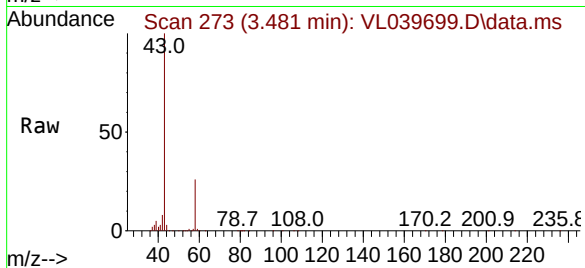




#15
Acetone
Concen: 9.508 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

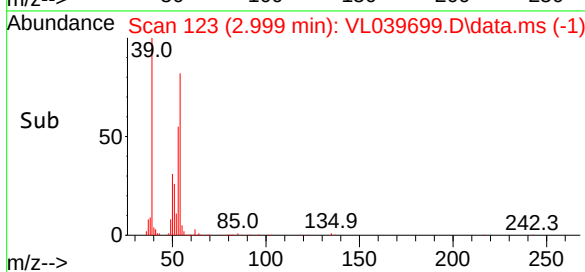
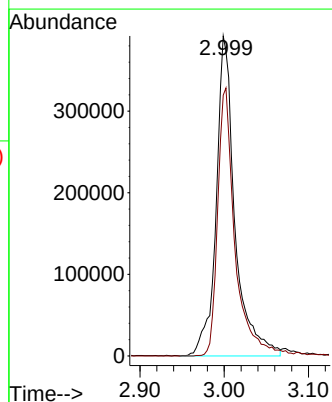
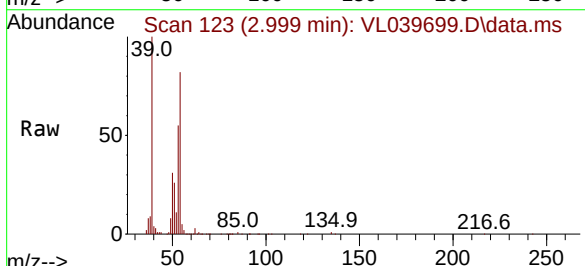
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

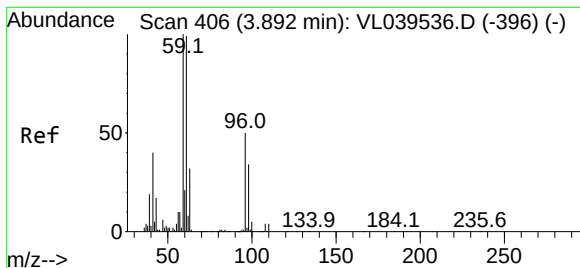
Tgt Ion: 43 Resp: 1110280
Ion Ratio Lower Upper
43 100
58 26.3 21.0 31.6



#16
1,3-Butadiene
Concen: 10.253 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.006 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 39 Resp: 607388
Ion Ratio Lower Upper
39 100
54 78.4 63.7 95.5

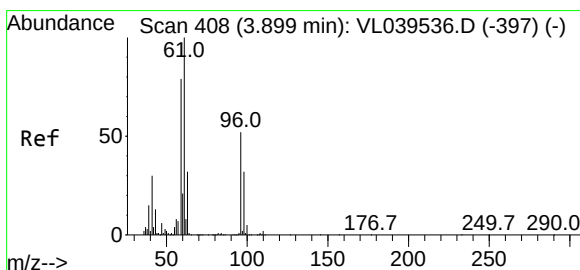
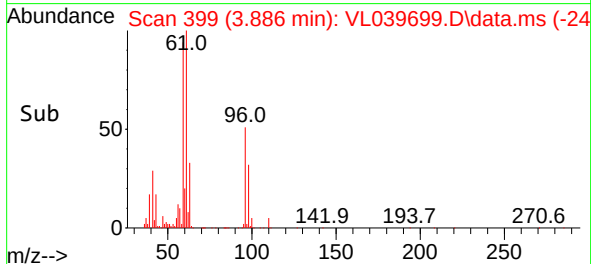
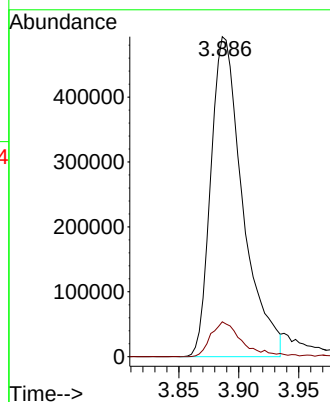
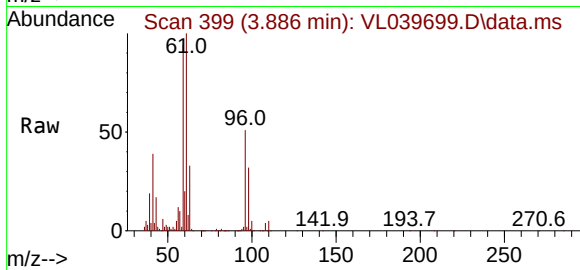




#17
tert-Butyl alcohol
Concen: 8.703 ppbv
RT: 3.886 min Scan# 399
Delta R.T. -0.006 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

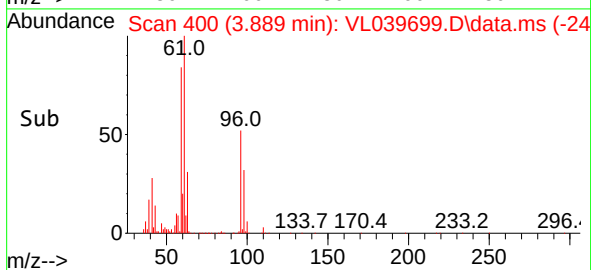
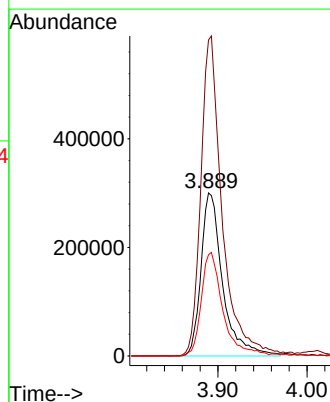
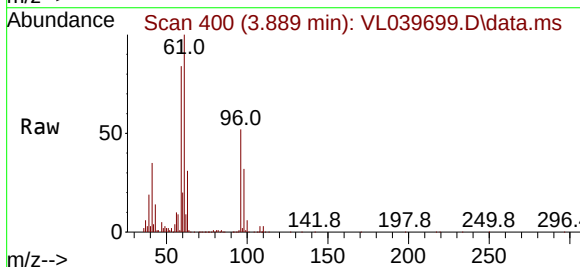
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

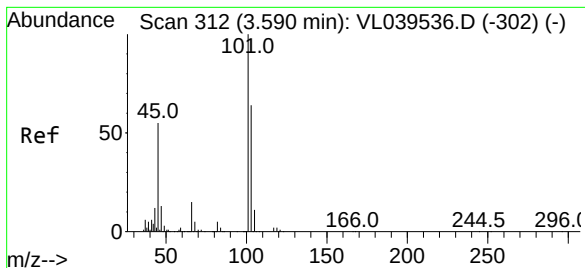
Tgt Ion: 59 Resp: 912022
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1



#18
1,1-Dichloroethene
Concen: 10.132 ppbv
RT: 3.889 min Scan# 400
Delta R.T. -0.009 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 96 Resp: 507339
Ion Ratio Lower Upper
96 100
61 193.6 152.2 228.4
98 62.2 51.8 77.6

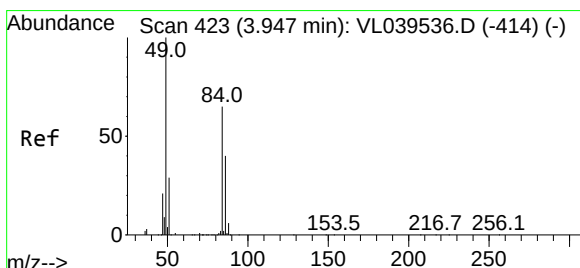
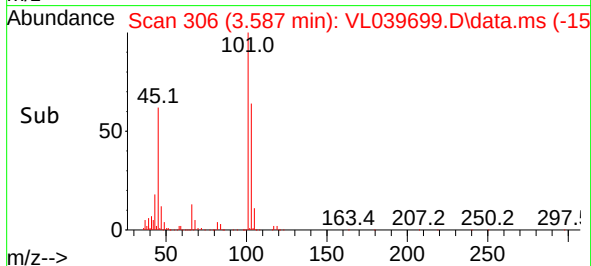
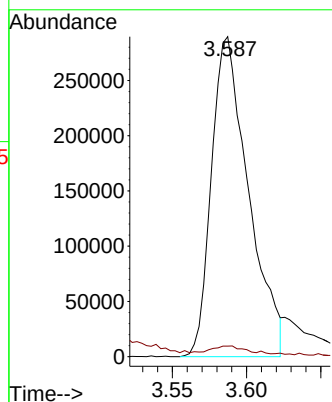
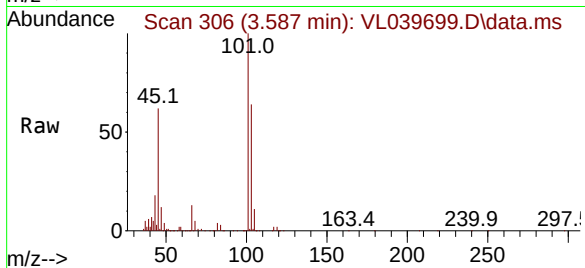




#19
Isopropyl Alcohol
Concen: 8.441 ppbv
RT: 3.587 min Scan# 306
Delta R.T. -0.003 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

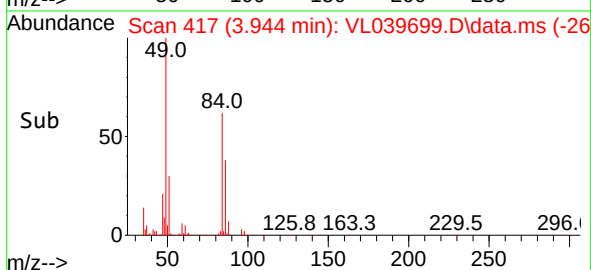
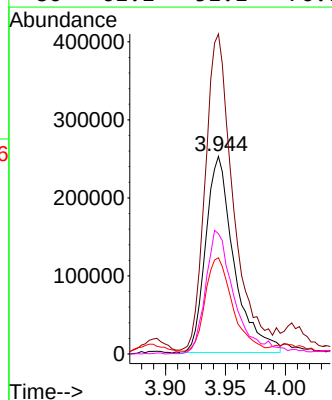
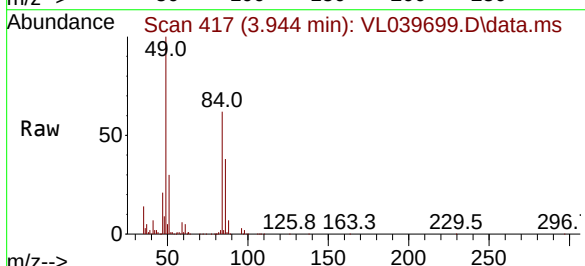
Instrument :
MSVOA_1
ClientSampleId :
VL1010ABS01

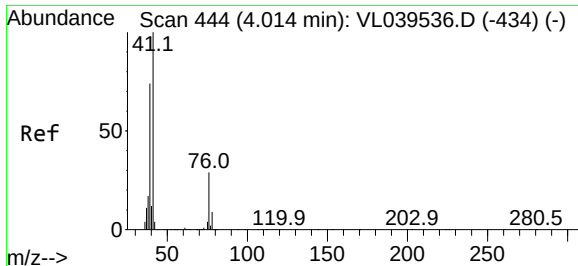
Tgt Ion: 45 Resp: 502428
Ion Ratio Lower Upper
45 100
58 5.1 3.2 4.8#



#20
Methylene Chloride
Concen: 7.668 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 84 Resp: 413991
Ion Ratio Lower Upper
84 100
49 161.1 123.1 184.7
51 47.5 34.4 51.6
86 61.1 51.1 76.7

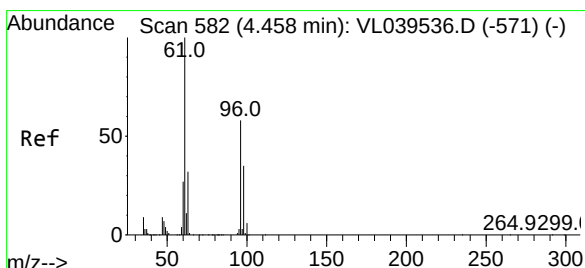
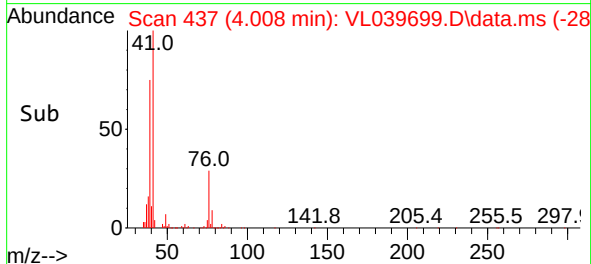
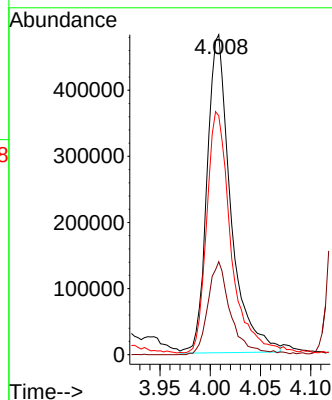
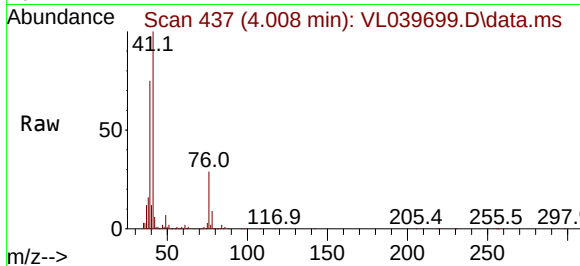




#21
 Allyl Chloride
 Concen: 9.905 ppbv
 RT: 4.008 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

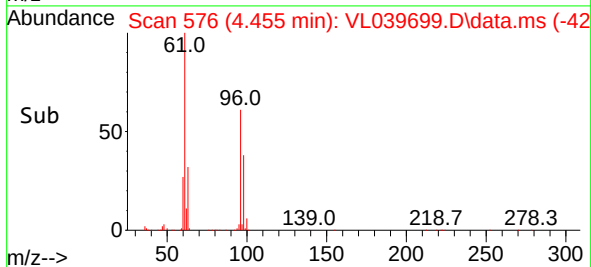
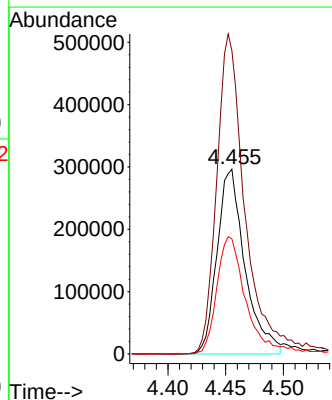
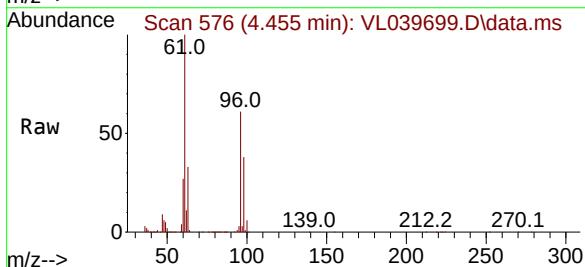
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01

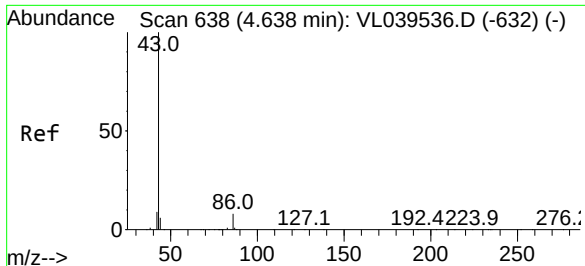
Tgt Ion: 41 Resp: 787635
 Ion Ratio Lower Upper
 41 100
 76 28.4 24.4 36.6
 39 78.2 63.5 95.3



#22
 trans-1,2-Dichloroethene
 Concen: 10.054 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. -0.003 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Tgt Ion: 96 Resp: 497995
 Ion Ratio Lower Upper
 96 100
 61 164.2 130.6 195.8
 98 62.3 53.4 80.0



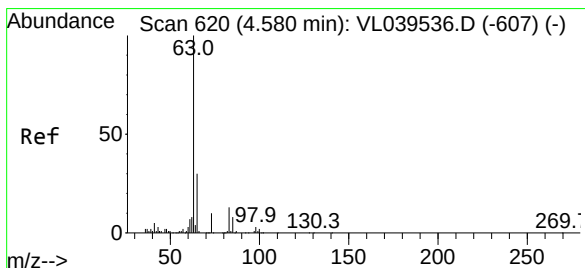
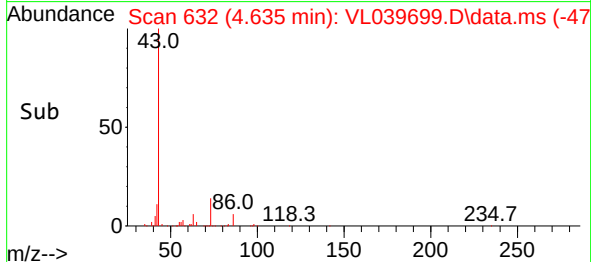
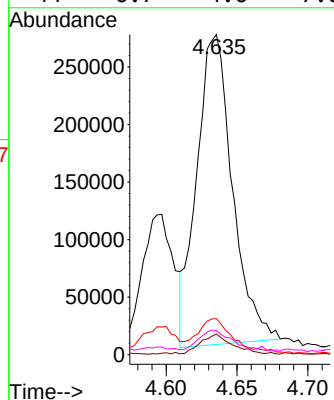
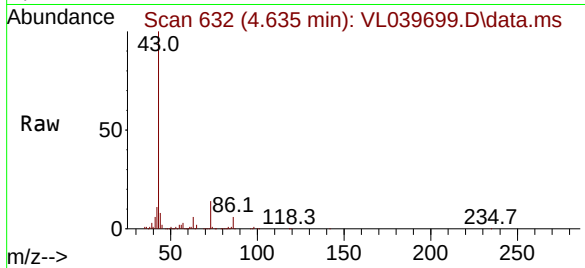


#23
 Vinyl Acetate
 Concen: 8.933 ppbv
 RT: 4.635 min Scan# 612
 Delta R.T. -0.003 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1010ABS01

Tgt Ion: 43 Resp: 471586

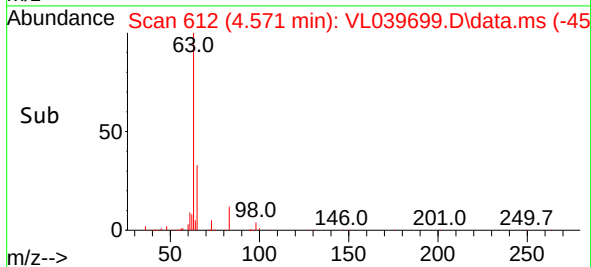
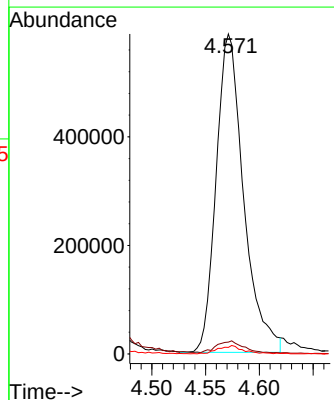
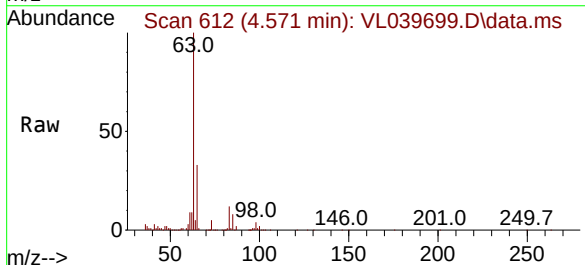
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.0	7.6
42	11.0	7.7	11.5
44	6.7	4.6	7.0

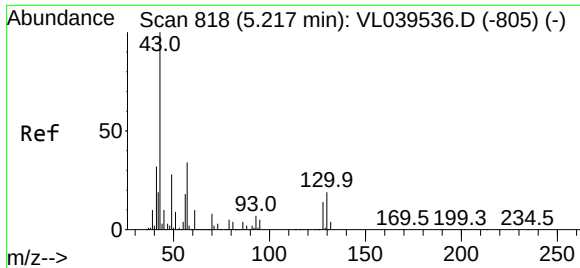


#24
 1,1-Dichloroethane
 Concen: 9.907 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. -0.009 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Tgt Ion: 63 Resp: 1041504

Ion	Ratio	Lower	Upper
63	100		
98	3.4	1.8	5.3
100	2.0	1.5	4.4



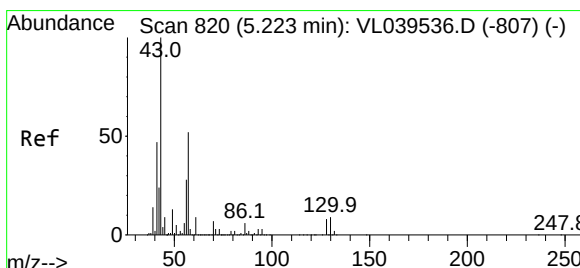
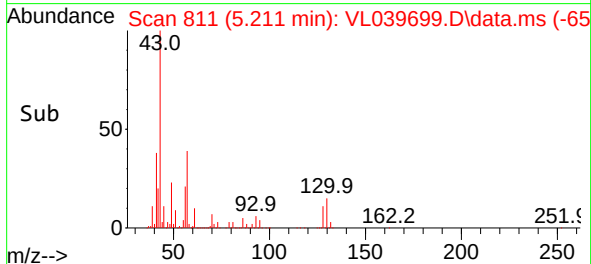
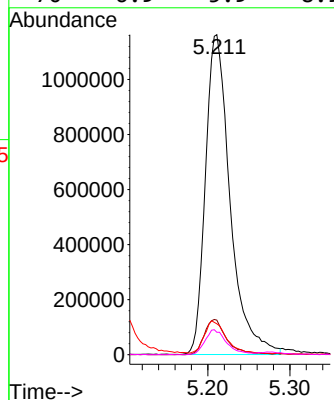
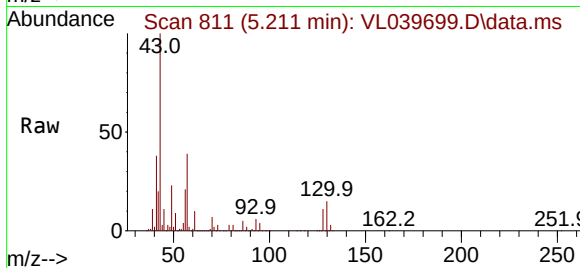


#25
Ethyl Acetate
Concen: 9.528 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.006 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 43 Resp: 2426103

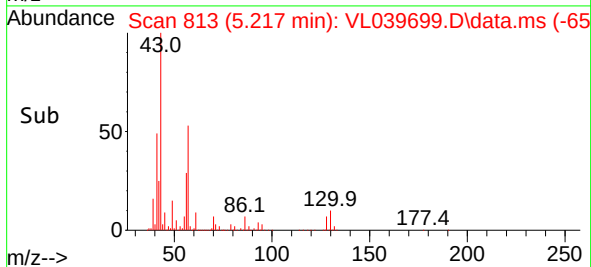
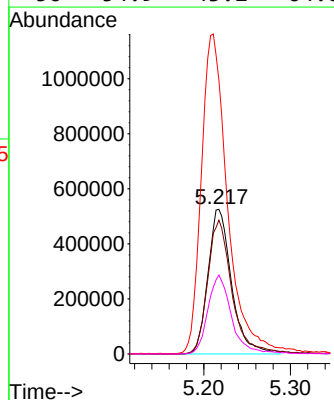
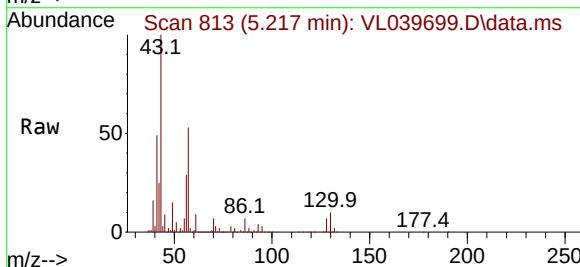
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	10.3	8.3	12.5
70	6.9	5.9	8.9

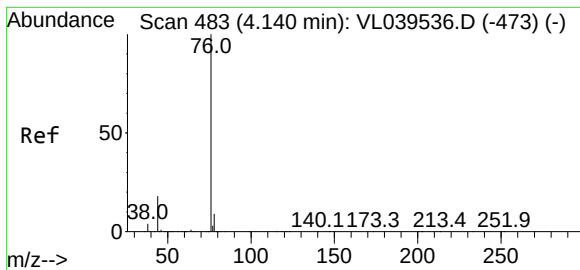


#26
Hexane
Concen: 9.224 ppbv
RT: 5.217 min Scan# 813
Delta R.T. -0.006 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 57 Resp: 996762

Ion	Ratio	Lower	Upper
57	100		
41	96.0	76.9	115.3
43	247.7	191.0	286.6
56	54.9	43.2	64.8



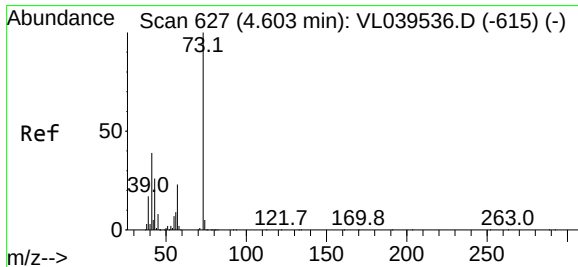
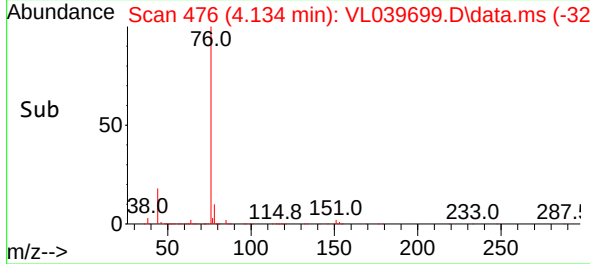
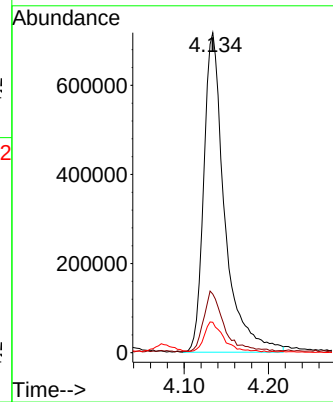
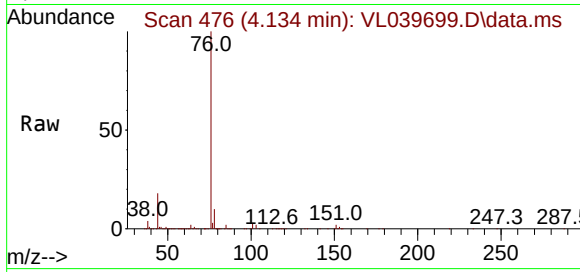


#27
Carbon Disulfide
Concen: 10.907 ppbv
RT: 4.134 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion: 76 Resp: 1238662

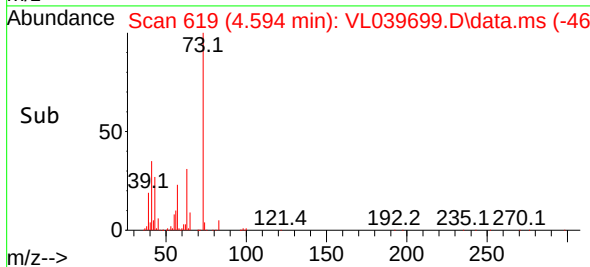
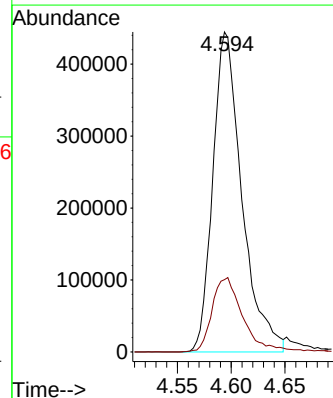
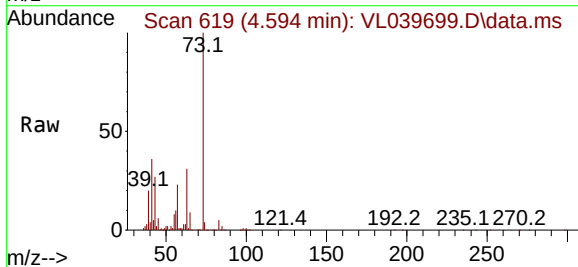
Ion	Ratio	Lower	Upper
76	100		
44	19.0	14.6	21.8
78	9.5	7.8	11.6

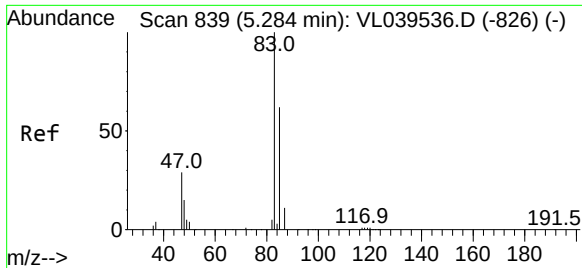


#28
Methyl tert-Butyl Ether
Concen: 9.187 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.009 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 73 Resp: 834067

Ion	Ratio	Lower	Upper
73	100		
57	25.1	19.8	29.8





#29

Chloroform

Concen: 9.643 ppbv

RT: 5.275 min Scan# 81

Delta R.T. -0.009 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

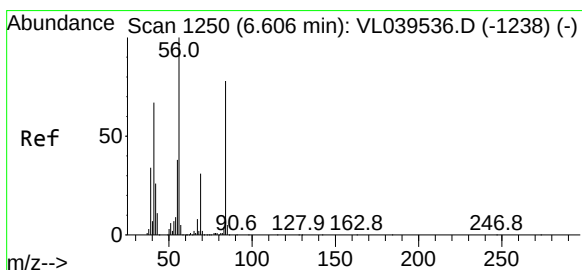
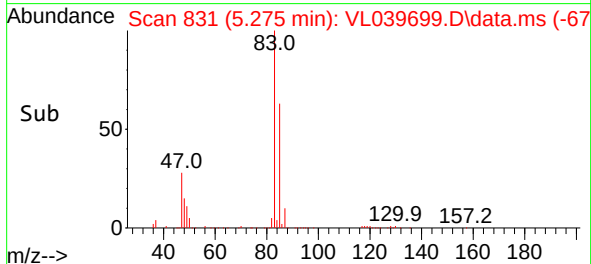
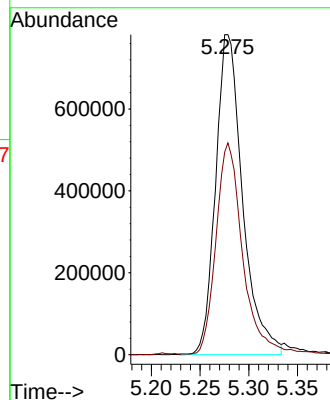
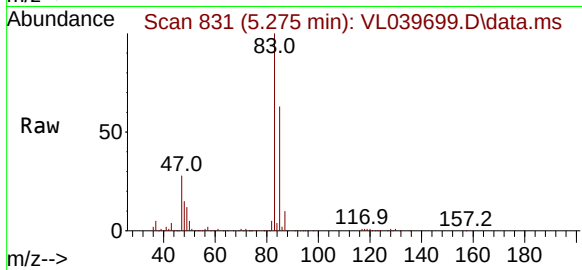
VL1010ABS01

Tgt Ion: 83 Resp: 1504223

Ion Ratio Lower Upper

83 100

85 63.1 52.8 79.2



#30

Cyclohexane

Concen: 10.170 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

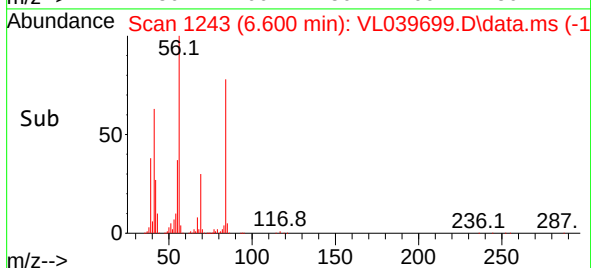
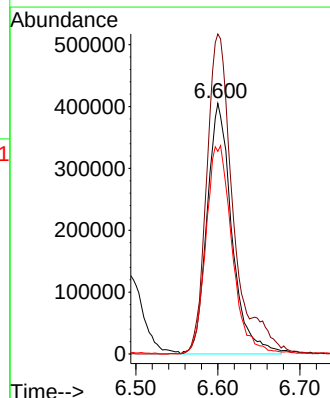
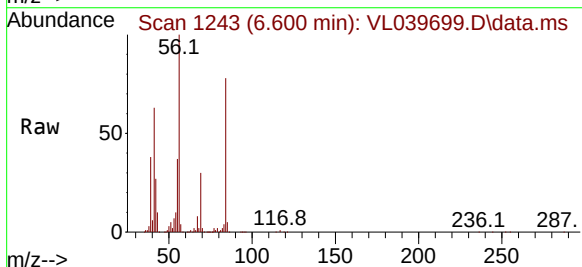
Tgt Ion: 84 Resp: 851046

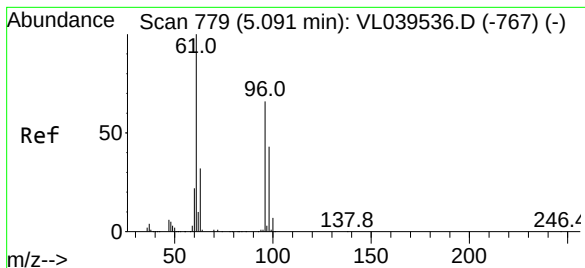
Ion Ratio Lower Upper

84 100

56 137.9 107.7 161.5

41 88.3 67.7 101.5

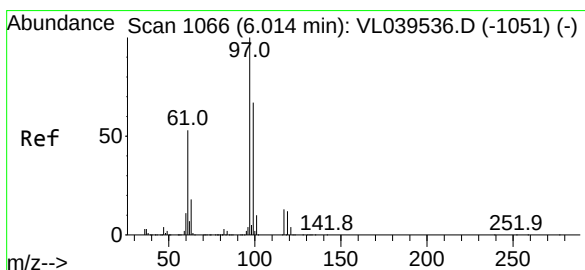
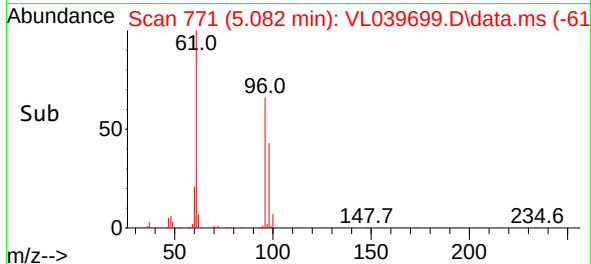
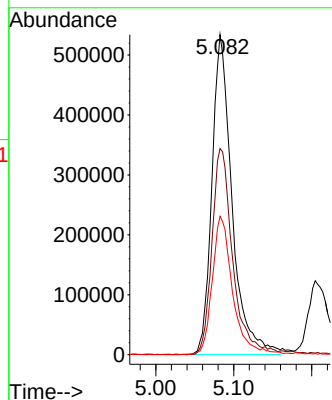
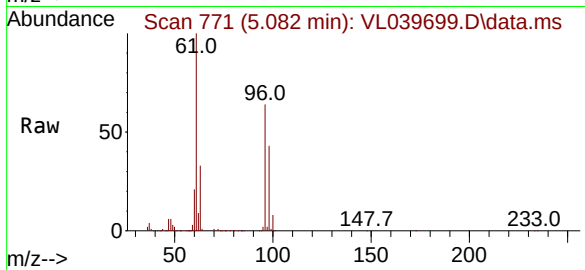




#31
 cis-1,2-Dichloroethene
 Concen: 9.785 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. -0.009 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

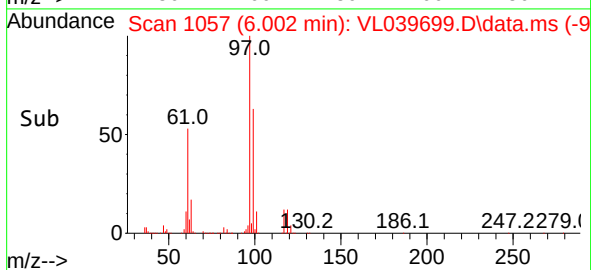
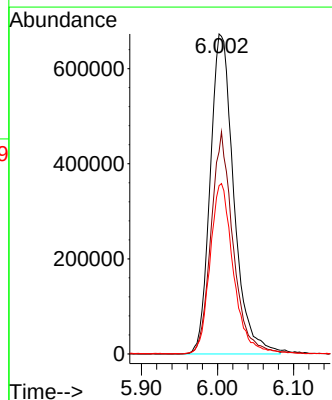
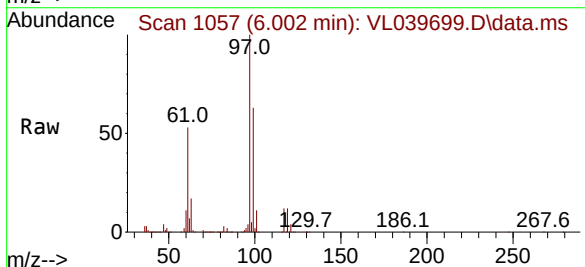
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01

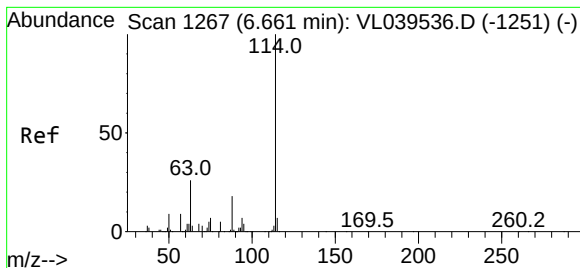
Tgt Ion: 61 Resp: 956295
 Ion Ratio Lower Upper
 61 100
 96 64.4 54.1 81.1
 98 43.3 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 10.283 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.012 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Tgt Ion: 97 Resp: 1452238
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.3 78.5
 61 53.2 40.9 61.3

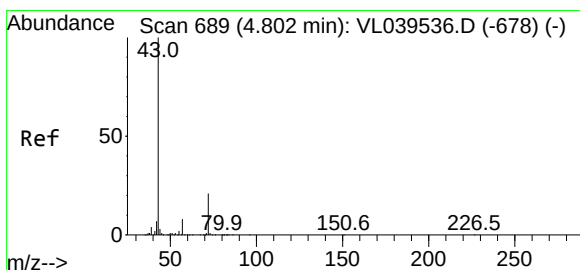
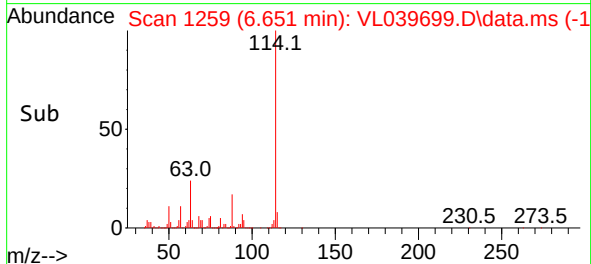
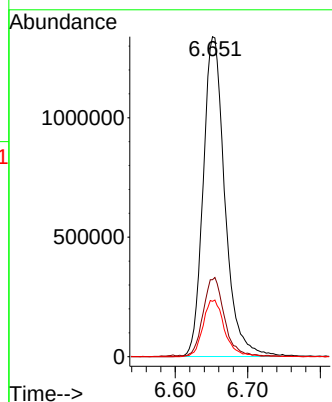
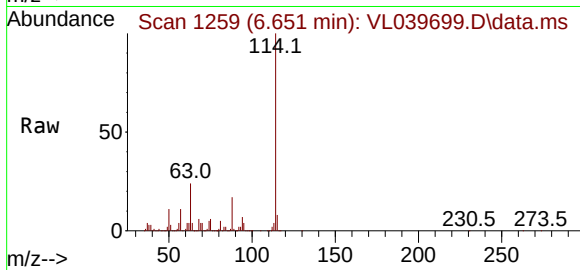




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.651 min Scan# 114
 Delta R.T. -0.009 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

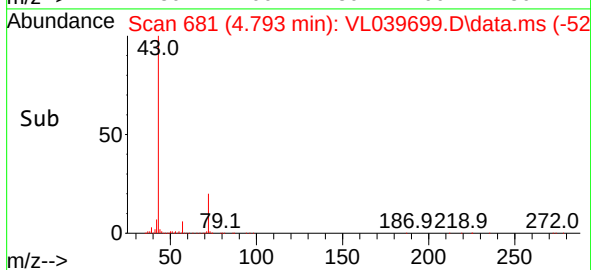
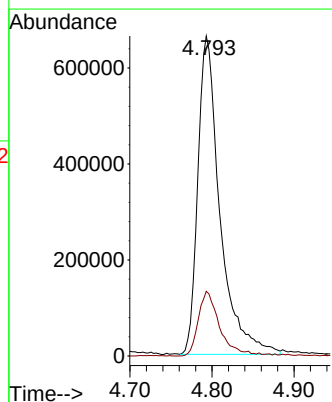
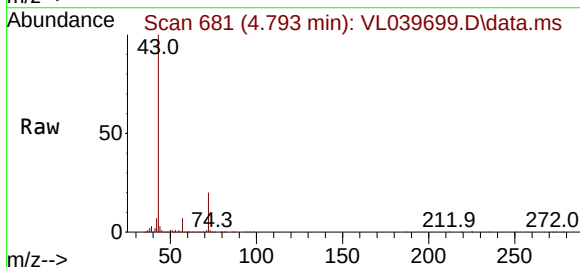
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01

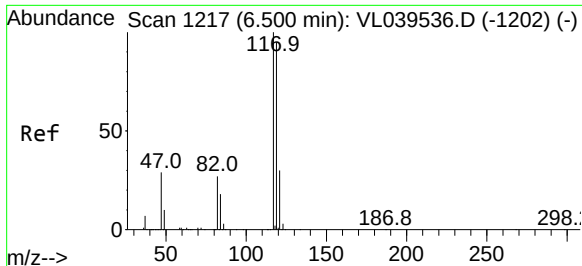
Tgt Ion:114 Resp: 2782873
 Ion Ratio Lower Upper
 114 100
 63 24.9 20.2 30.4
 88 17.7 14.5 21.7



#34
 2-Butanone
 Concen: 9.094 ppbv
 RT: 4.793 min Scan# 681
 Delta R.T. -0.009 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Tgt Ion: 43 Resp: 1243088
 Ion Ratio Lower Upper
 43 100
 72 20.5 17.9 26.9



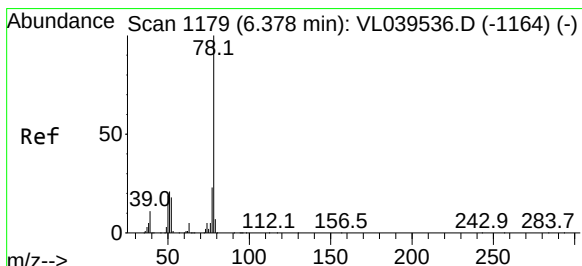
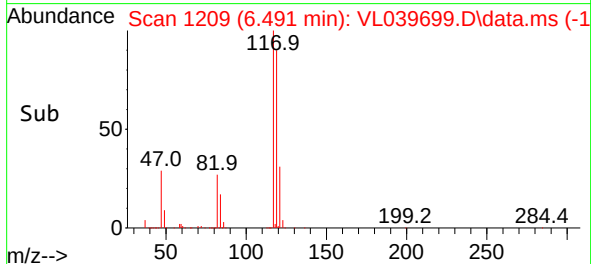
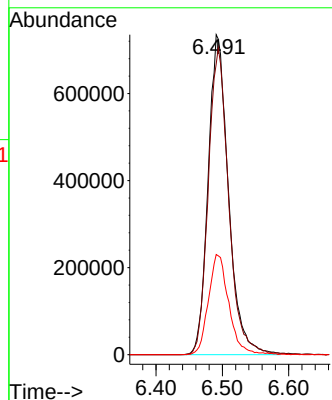
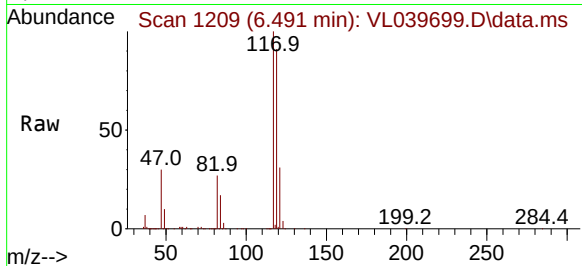


#35
Carbon Tetrachloride
Concen: 10.626 ppbv
RT: 6.491 min Scan# 117
Delta R.T. -0.009 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Tgt Ion:117 Resp: 1569767

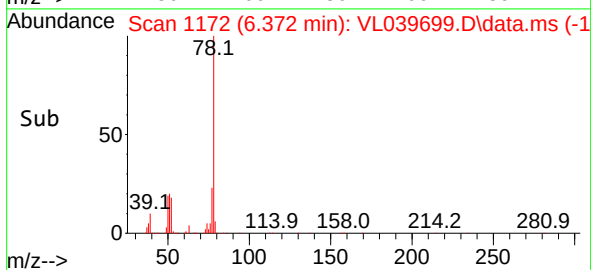
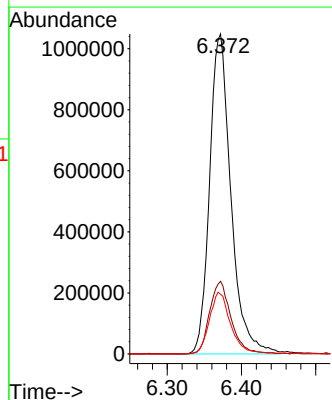
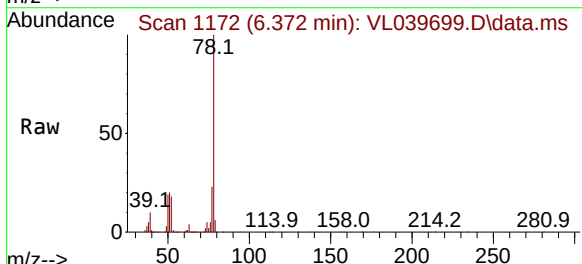
Ion	Ratio	Lower	Upper
117	100		
119	90.8	75.4	113.2
121	31.3	24.2	36.2

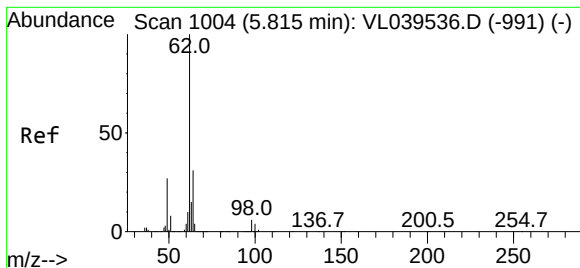


#36
Benzene
Concen: 9.819 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 78 Resp: 2089033

Ion	Ratio	Lower	Upper
78	100		
77	22.7	20.3	30.5
50	18.6	15.5	23.3





#37

1,2-Dichloroethane

Concen: 9.630 ppbv

RT: 5.809 min Scan# 91

Delta R.T. -0.006 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

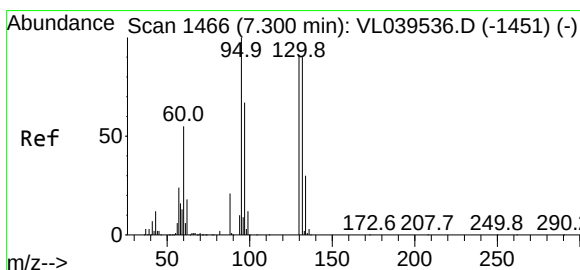
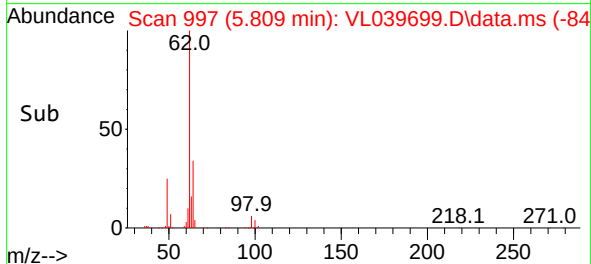
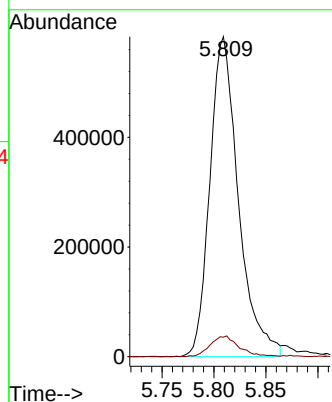
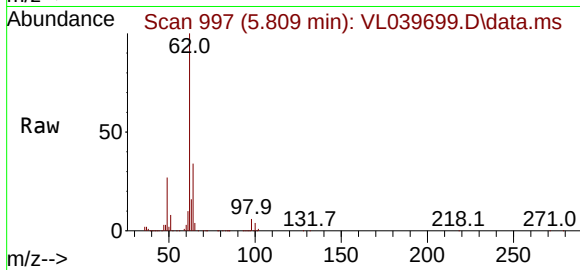
VL1010ABS01

Tgt Ion: 62 Resp: 1115120

Ion Ratio Lower Upper

62 100

98 6.9 5.1 7.7



#38

Trichloroethene

Concen: 10.474 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.012 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Tgt Ion:130 Resp: 1204389

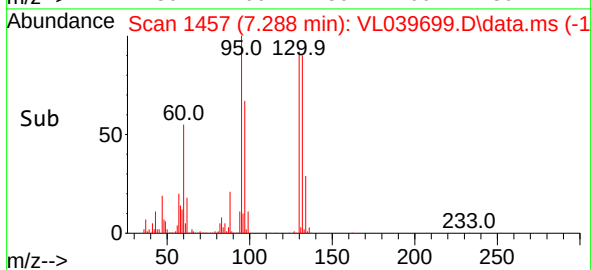
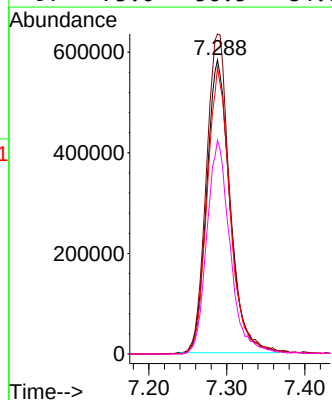
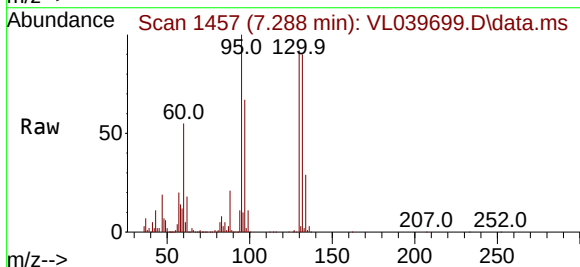
Ion Ratio Lower Upper

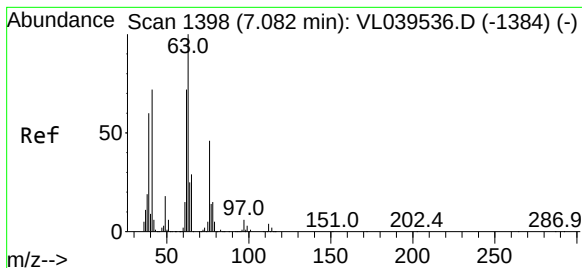
130 100

95 109.3 87.3 130.9

132 97.8 76.7 115.1

97 73.0 56.5 84.7

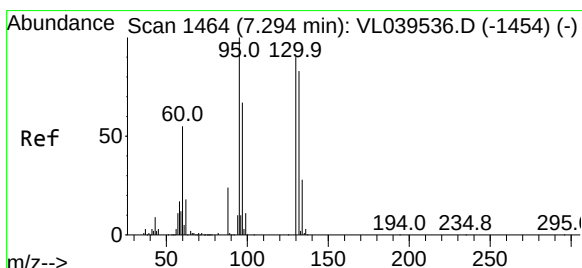
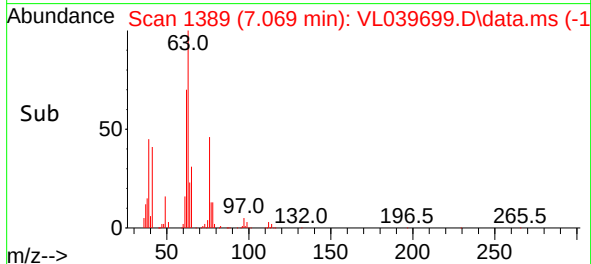
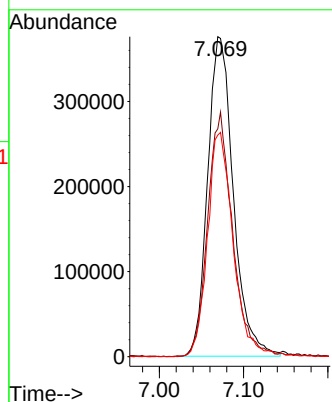
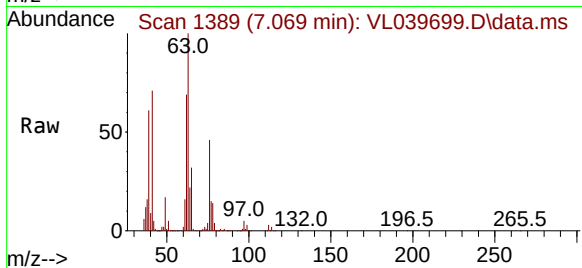




#39
1,2-Dichloropropane
Concen: 9.705 ppbv
RT: 7.069 min Scan# 11
Delta R.T. -0.012 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

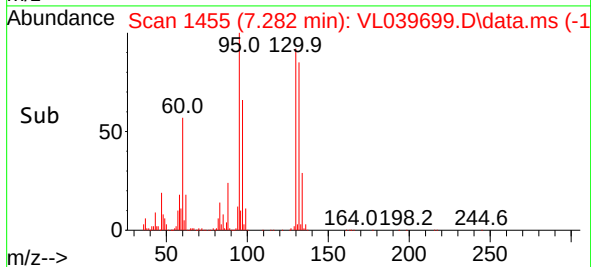
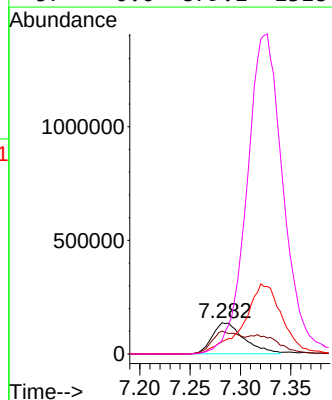
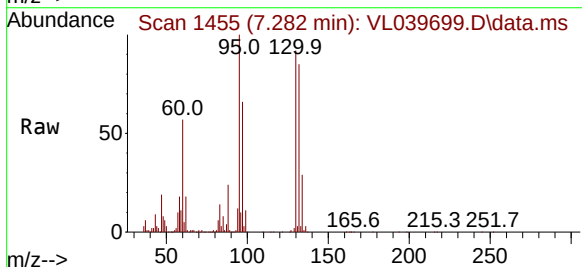
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

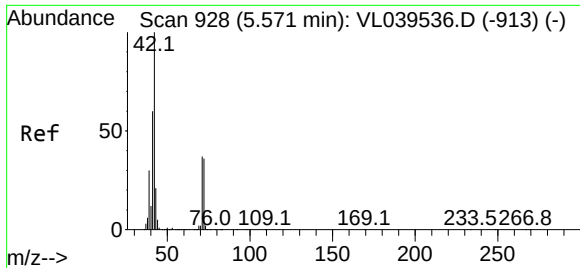
Tgt Ion: 63 Resp: 797314
Ion Ratio Lower Upper
63 100
41 71.2 59.6 89.4
62 69.1 51.4 77.0



#40
1,4-Dioxane
Concen: 9.018 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.012 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 88 Resp: 302509
Ion Ratio Lower Upper
88 100
58 127.1 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#

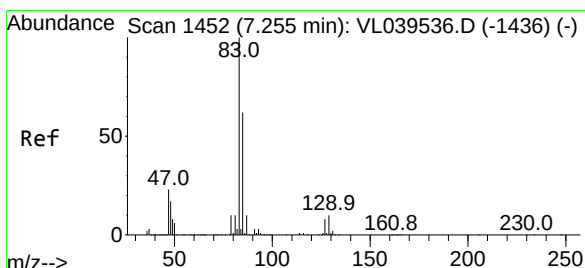
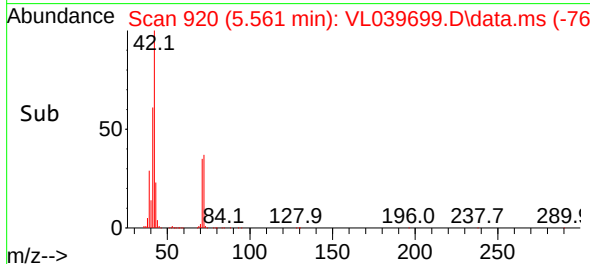
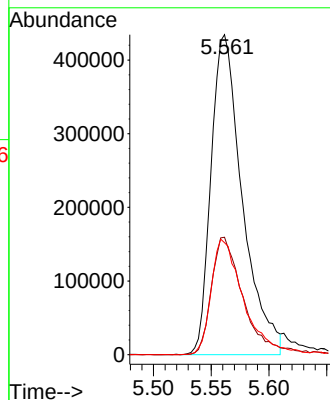
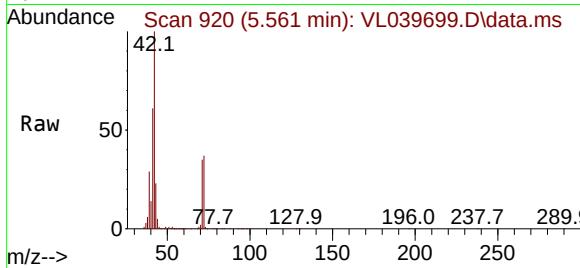




#41
Tetrahydrofuran
Concen: 9.765 ppbv
RT: 5.561 min Scan# 91
Delta R.T. -0.009 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

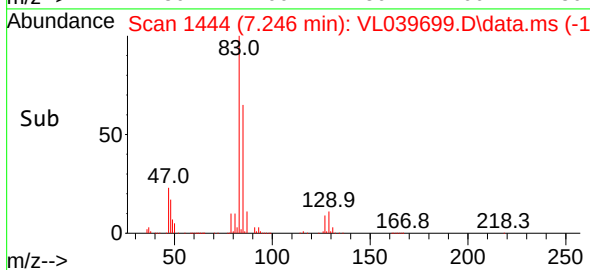
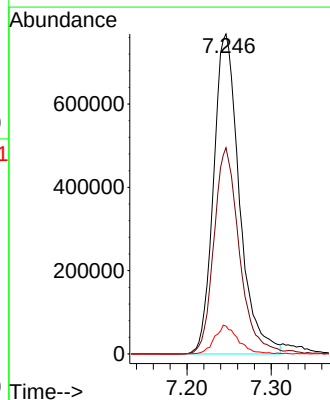
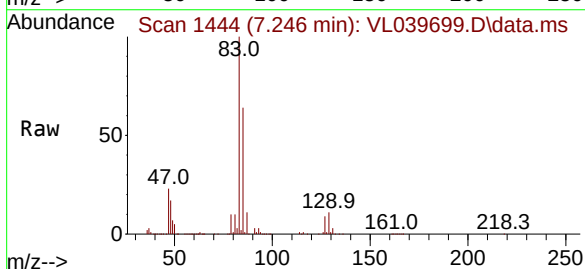
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

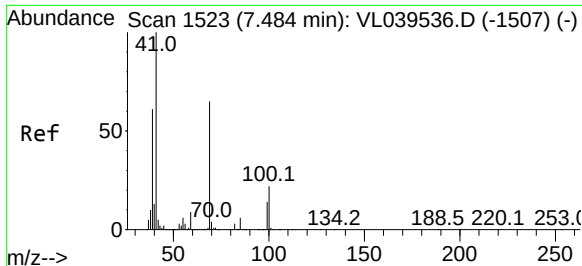
Tgt Ion:	42	Resp:	818871
Ion	Ratio	Lower	Upper
42	100		
72	38.2	31.8	47.8
71	38.1	31.8	47.8



#42
Bromodichloromethane
Concen: 10.133 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.009 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion:	83	Resp:	1632106
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.7	76.1
127	8.7	6.6	9.8

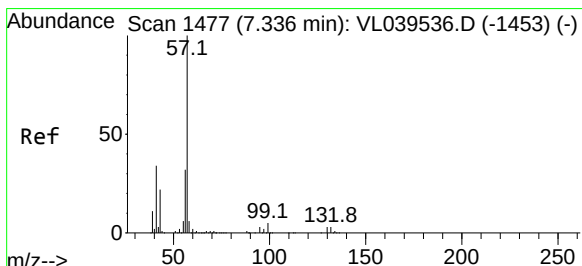
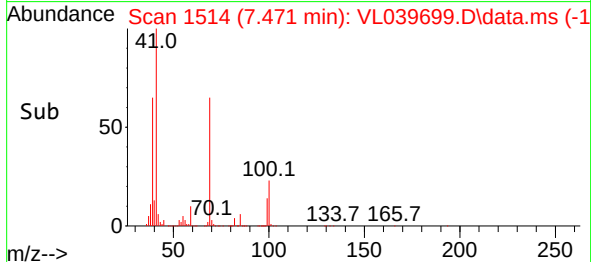
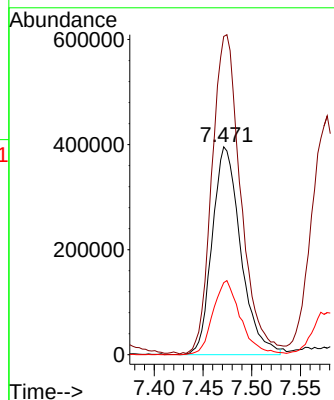
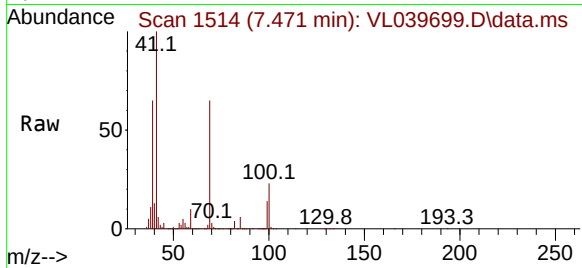




#43
Methyl Methacrylate
Concen: 10.384 ppbv
RT: 7.471 min Scan# 11
Delta R.T. -0.012 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

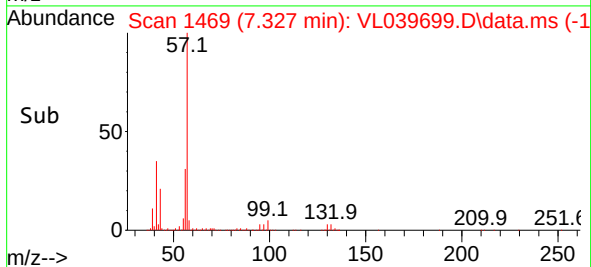
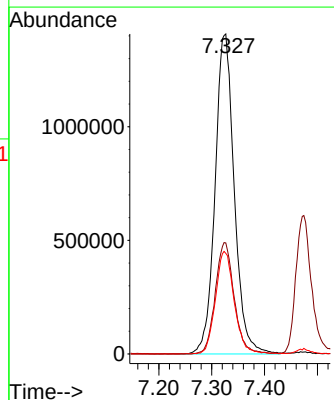
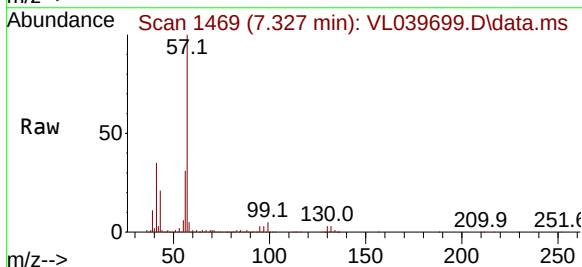
Instrument :
MSVOA_1
ClientSampleId :
VL1010ABS01

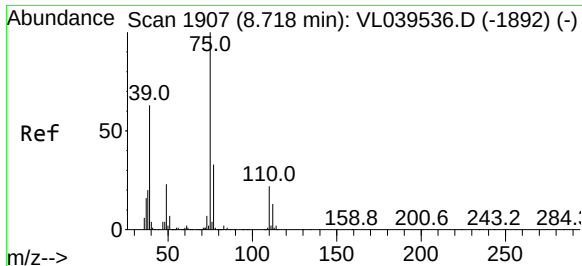
Tgt Ion: 69 Resp: 805380
Ion Ratio Lower Upper
69 100
41 155.6 120.8 181.2
100 34.6 27.8 41.6



#44
2,2,4-Trimethylpentane
Concen: 9.700 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.009 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 57 Resp: 3557149
Ion Ratio Lower Upper
57 100
41 34.1 27.4 41.2
56 31.5 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 11.323 ppbv

RT: 8.706 min Scan# 11

Delta R.T. -0.012 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

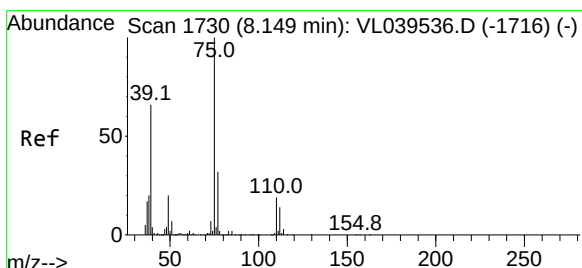
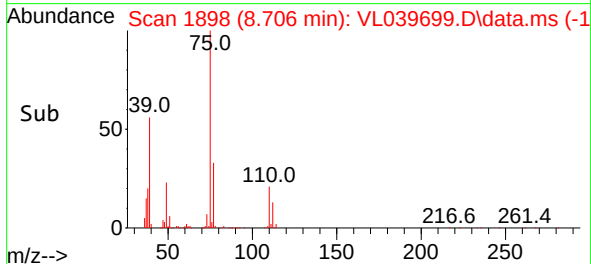
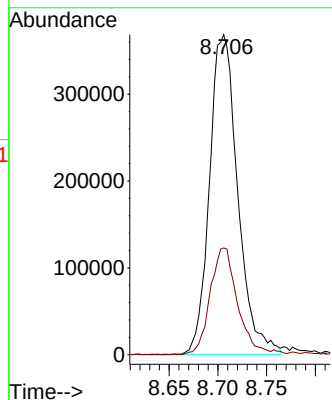
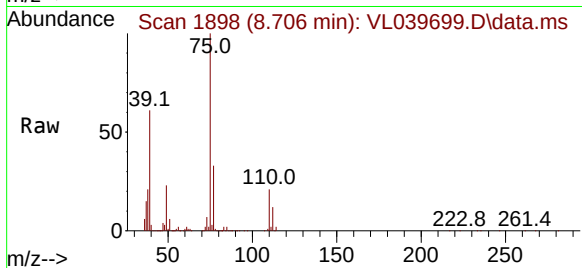
VL1010ABS01

Tgt Ion: 75 Resp: 742105

Ion Ratio Lower Upper

75 100

77 33.3 24.6 36.8



#46

cis-1,3-Dichloropropene

Concen: 11.133 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. -0.009 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

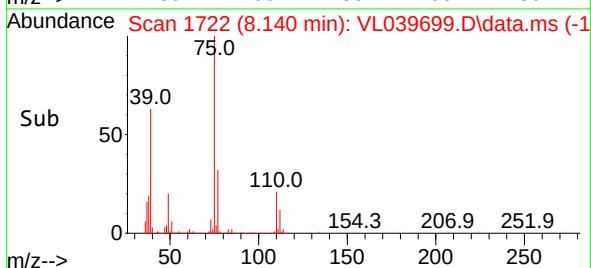
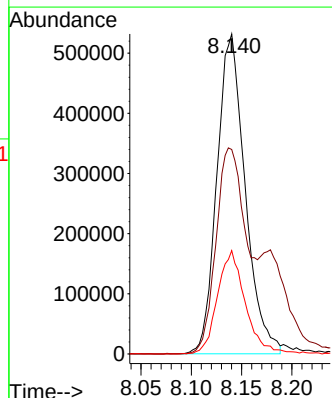
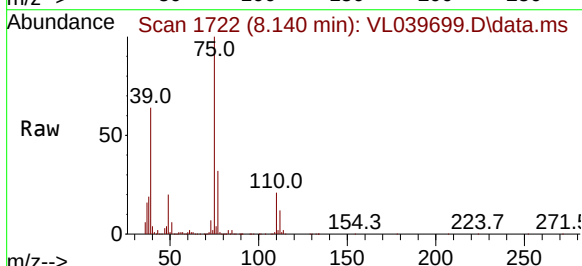
Tgt Ion: 75 Resp: 1038727

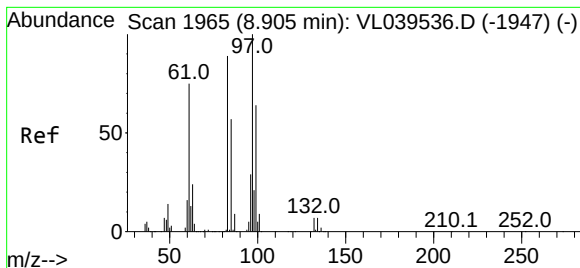
Ion Ratio Lower Upper

75 100

39 63.9 55.0 82.4

77 32.3 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 9.598 ppbv

RT: 8.892 min Scan# 1965

Delta R.T. -0.012 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

Tgt Ion: 97 Resp: 861892

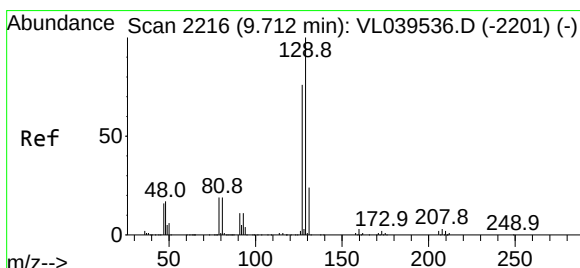
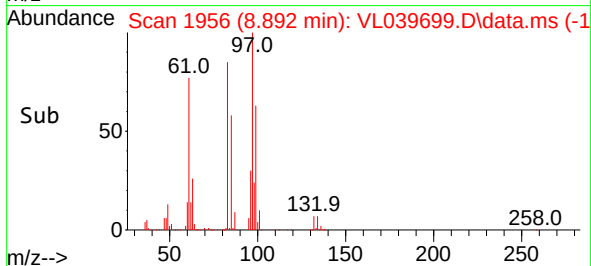
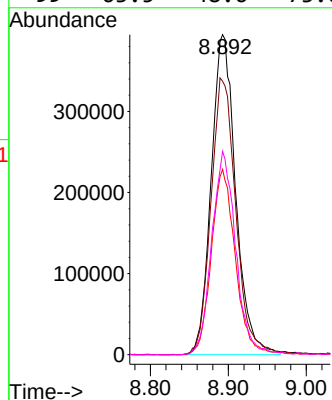
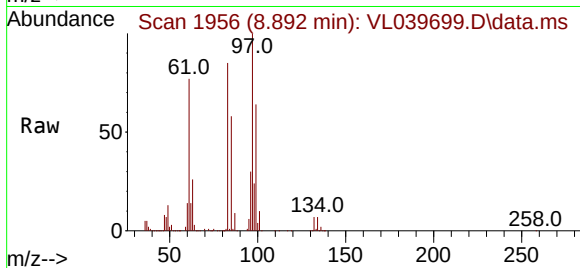
Ion Ratio Lower Upper

97 100

83 85.4 67.4 101.0

85 57.9 45.1 67.7

99 63.5 48.6 73.0



#48

Dibromochloromethane

Concen: 10.456 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.012 min

Lab File: VL039699.D

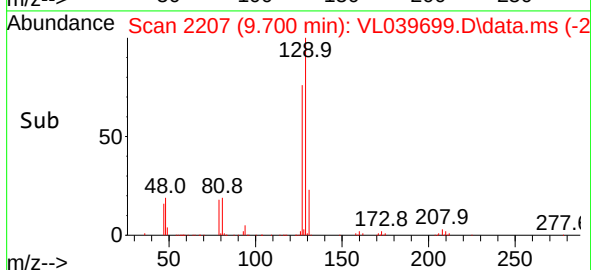
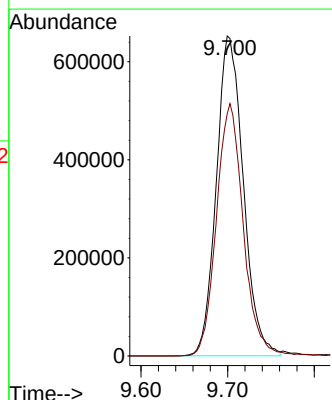
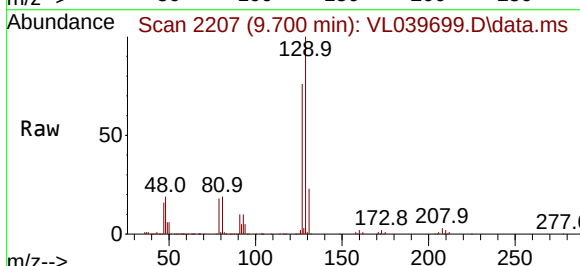
Acq: 10 Oct 2022 16:55

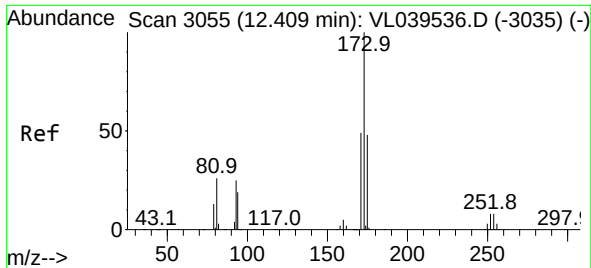
Tgt Ion: 129 Resp: 1413956

Ion Ratio Lower Upper

129 100

127 78.7 39.3 117.9





#49

Bromoform

Concen: 10.298 ppbv

RT: 12.397 min Scan# 3055

Delta R.T. -0.012 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

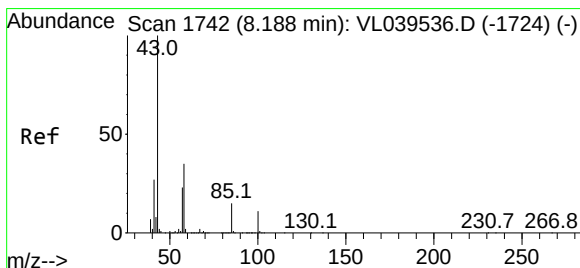
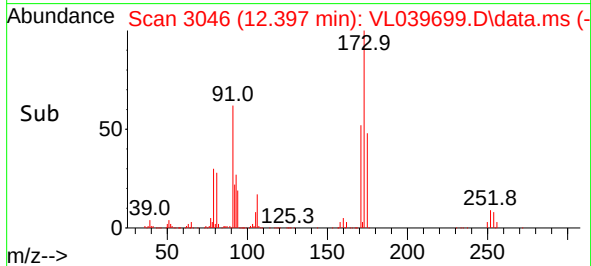
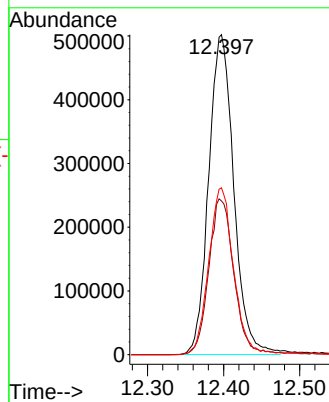
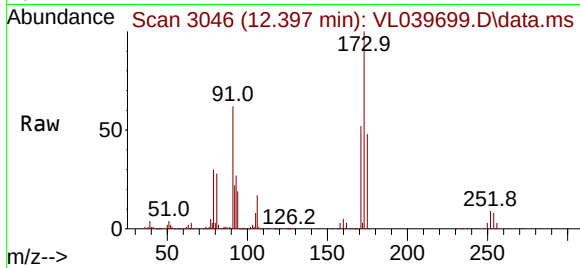
Tgt Ion:173 Resp: 1151709

Ion Ratio Lower Upper

173 100

175 49.4 40.3 60.5

171 52.2 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 10.282 ppbv

RT: 8.175 min Scan# 1733

Delta R.T. -0.012 min

Lab File: VL039699.D

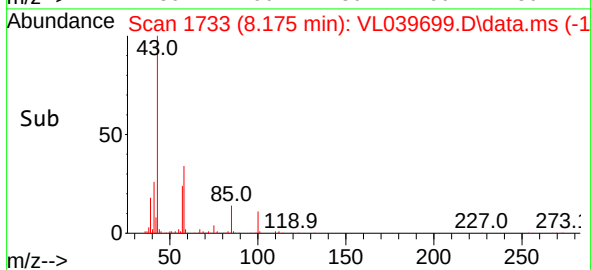
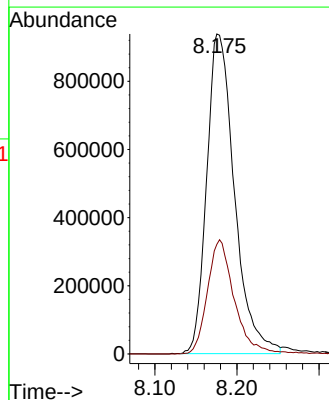
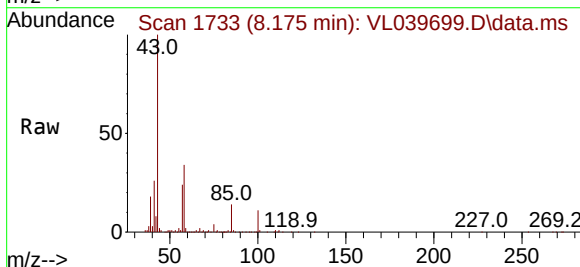
Acq: 10 Oct 2022 16:55

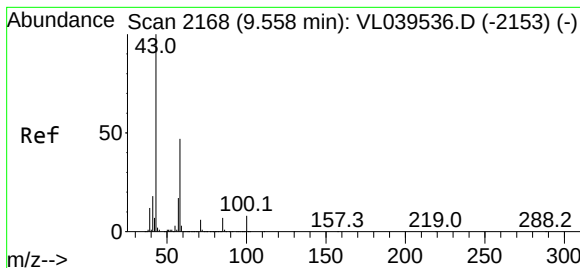
Tgt Ion: 43 Resp: 2208523

Ion Ratio Lower Upper

43 100

58 34.9 28.8 43.2

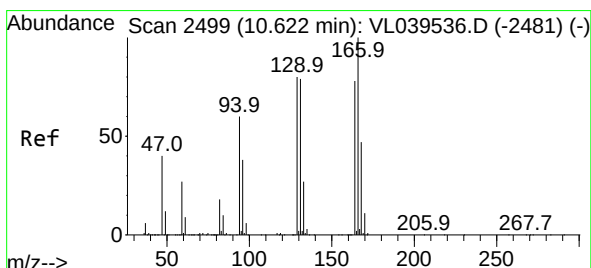
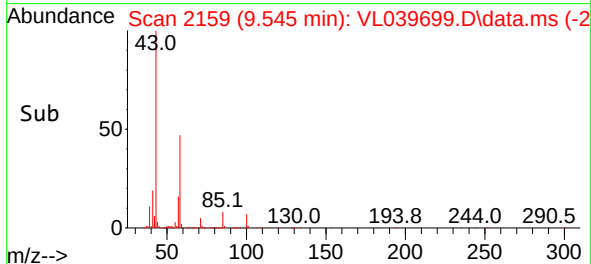
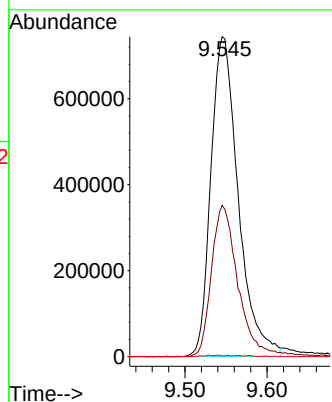
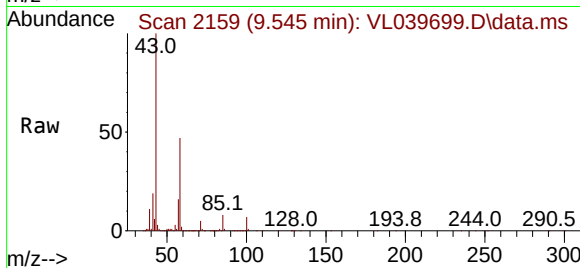




#51
2-Hexanone
Concen: 10.827 ppbv
RT: 9.545 min Scan# 2168
Delta R.T. -0.012 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

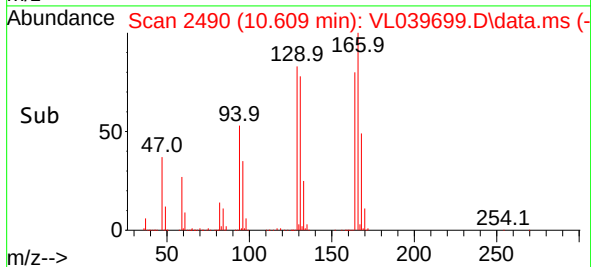
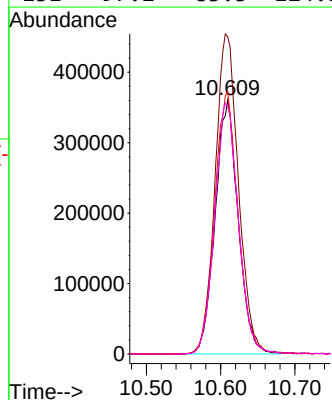
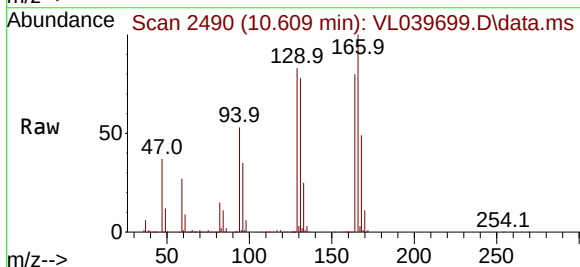
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

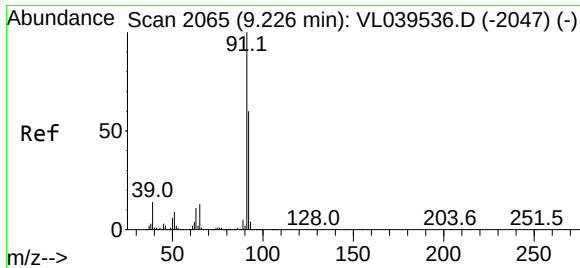
Tgt Ion: 43 Resp: 1721408
Ion Ratio Lower Upper
43 100
58 46.9 38.4 57.6
98 0.3 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.572 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. -0.012 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion:164 Resp: 776925
Ion Ratio Lower Upper
164 100
166 125.0 102.2 153.2
129 103.4 85.8 128.8
131 97.2 83.3 124.9

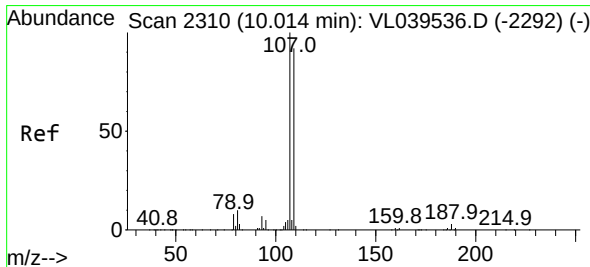
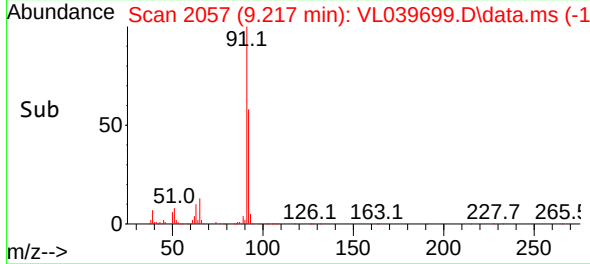
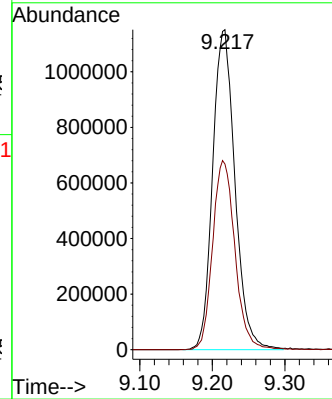
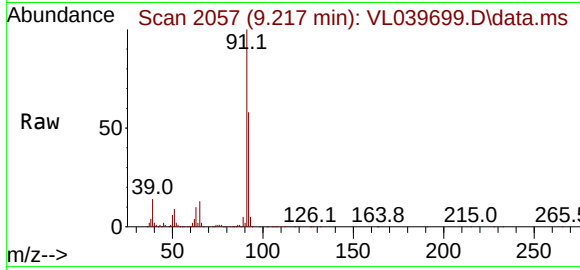




#53
Toluene
Concen: 10.387 ppbv
RT: 9.217 min Scan# 2065
Delta R.T. -0.009 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

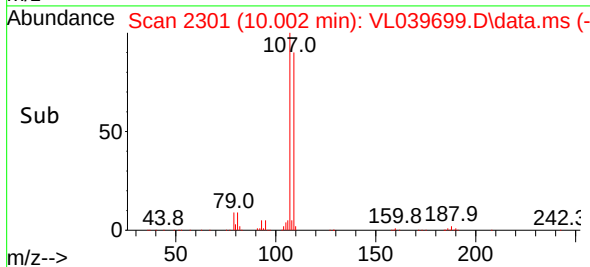
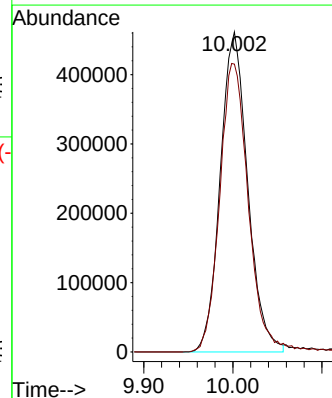
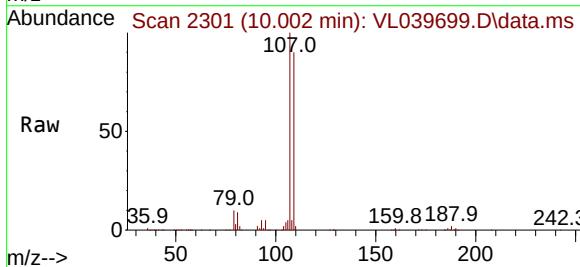
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

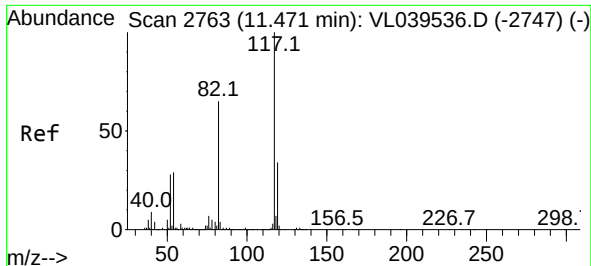
Tgt Ion: 91 Resp: 2457985
Ion Ratio Lower Upper
91 100
92 59.4 48.2 72.2



#54
1,2-Dibromoethane
Concen: 10.291 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.012 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 107 Resp: 988607
Ion Ratio Lower Upper
107 100
109 89.9 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.458 min Scan# 21

Delta R.T. -0.012 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

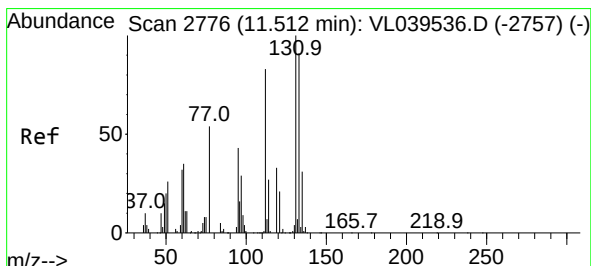
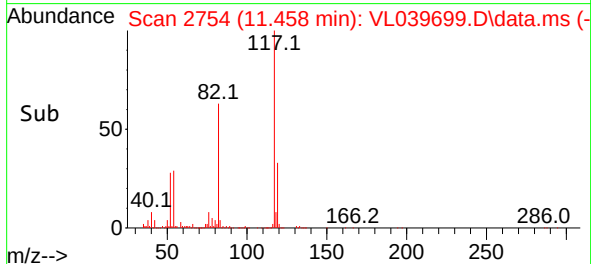
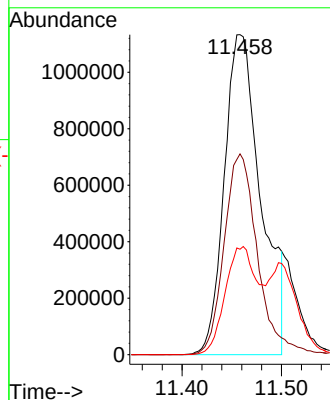
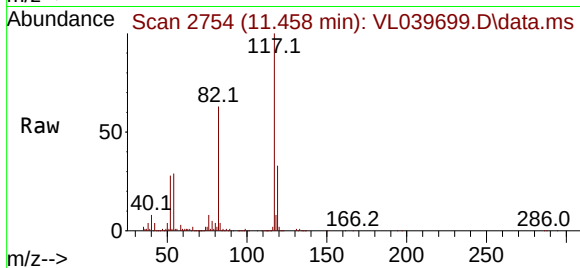
Tgt Ion:117 Resp: 2888407

Ion Ratio Lower Upper

117 100

82 58.2 50.8 76.2

119 27.6 24.1 36.1



#56

1,1,1,2-Tetrachloroethane

Concen: 8.854 ppbv

RT: 11.500 min Scan# 2767

Delta R.T. -0.012 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

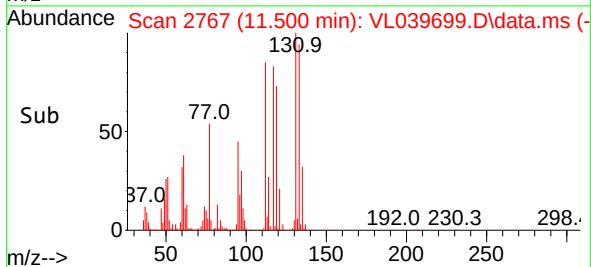
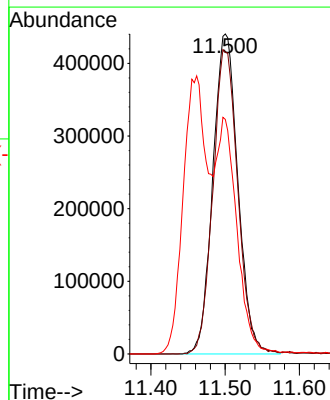
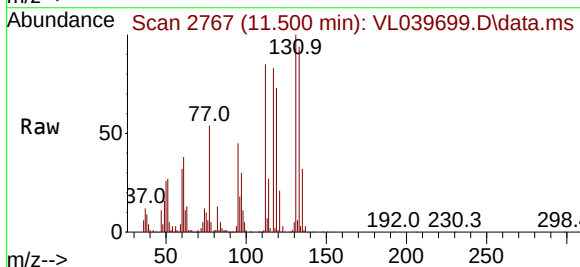
Tgt Ion:131 Resp: 1033422

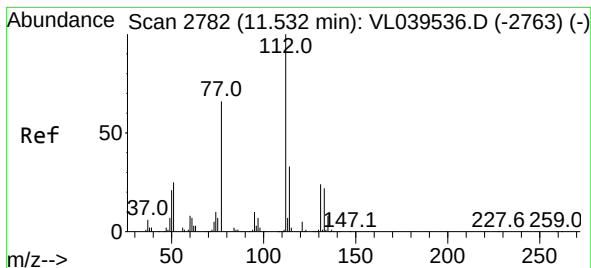
Ion Ratio Lower Upper

131 100

133 95.2 76.8 115.2

119 60.9 46.2 69.4





#57

Chlorobenzene

Concen: 8.634 ppbv

RT: 11.516 min Scan# 21

Delta R.T. -0.016 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

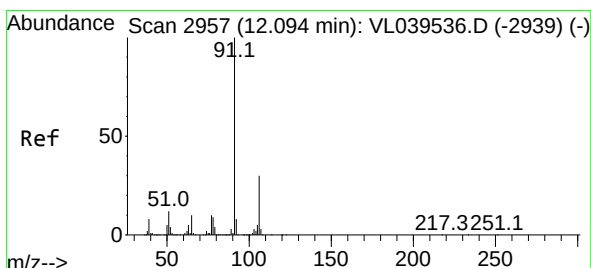
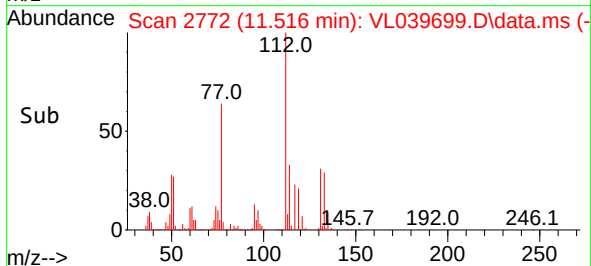
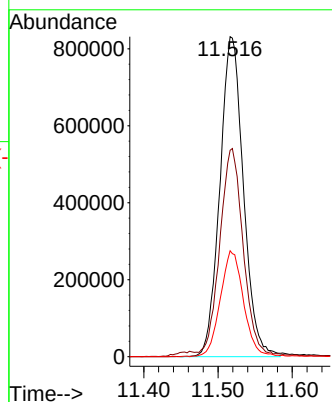
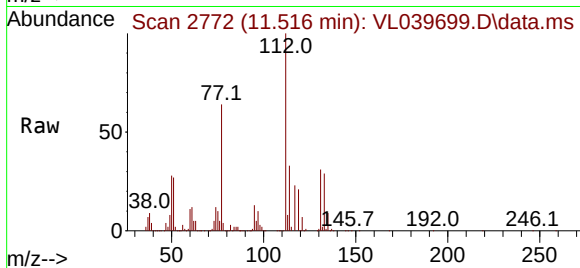
Tgt Ion:112 Resp: 1833934

Ion Ratio Lower Upper

112 100

77 63.6 51.0 76.4

114 33.1 27.5 33.6



#58

Ethyl Benzene

Concen: 9.558 ppbv

RT: 12.079 min Scan# 2947

Delta R.T. -0.016 min

Lab File: VL039699.D

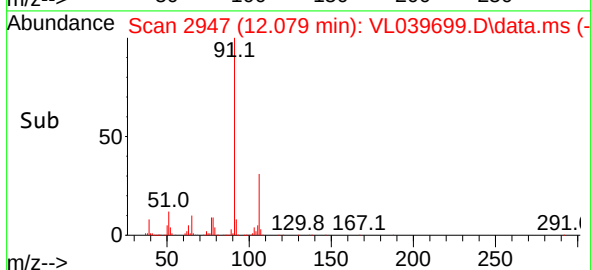
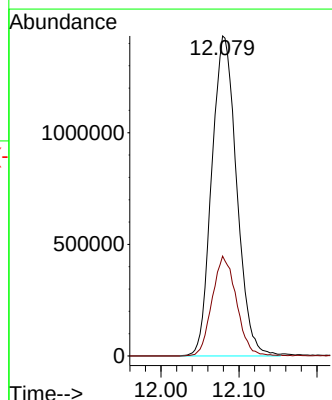
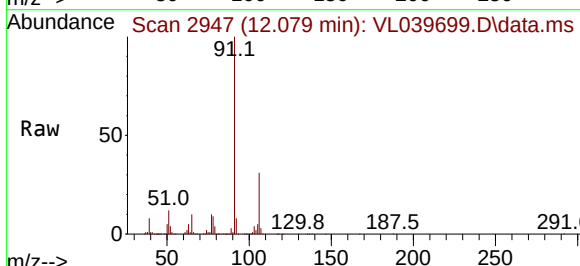
Acq: 10 Oct 2022 16:55

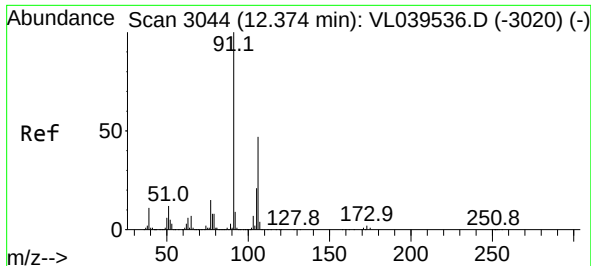
Tgt Ion: 91 Resp: 3183181

Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.0





#59

m/p-Xylene

Concen: 18.083 ppbv m

RT: 12.362 min Scan# 3044

Delta R.T. -0.012 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

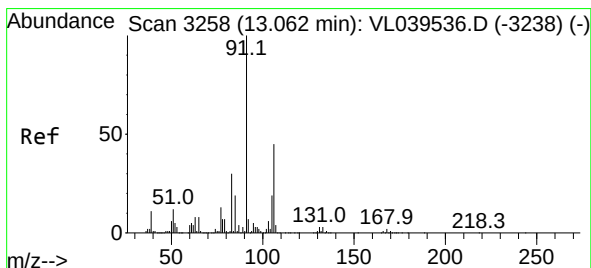
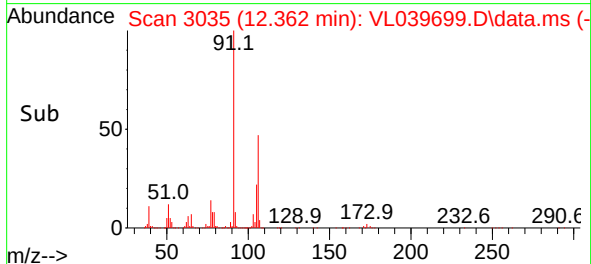
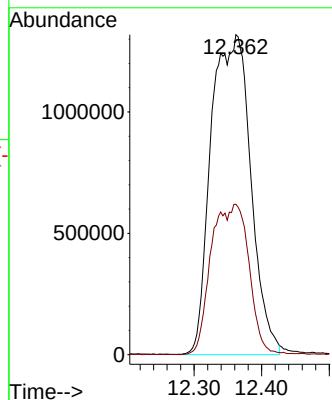
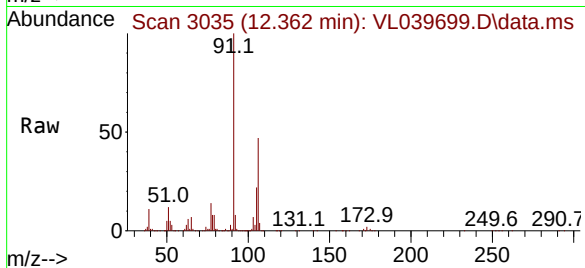
VL1010ABS01

Tgt Ion: 91 Resp: 5359493

Ion Ratio Lower Upper

91 100

106 45.0 35.4 53.2



#60

o-Xylene

Concen: 9.061 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.012 min

Lab File: VL039699.D

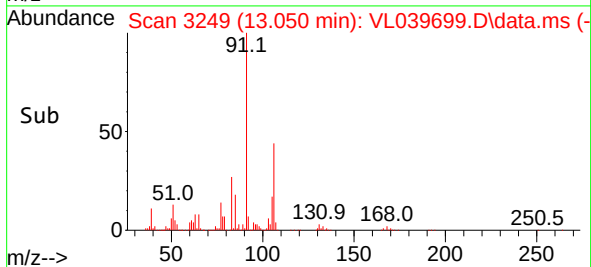
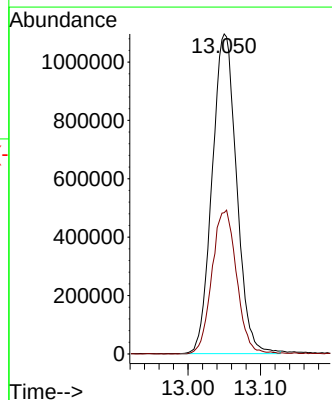
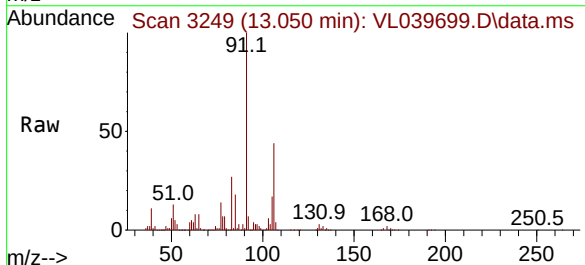
Acq: 10 Oct 2022 16:55

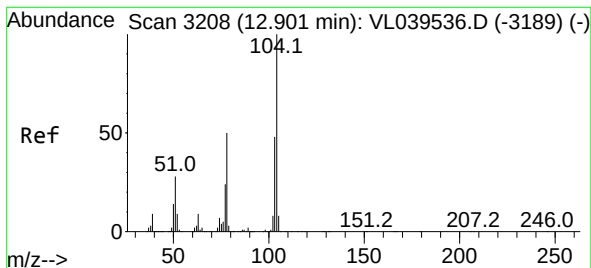
Tgt Ion: 91 Resp: 2564562

Ion Ratio Lower Upper

91 100

106 45.7 22.4 67.3





#61

Styrene

Concen: 9.836 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. -0.016 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

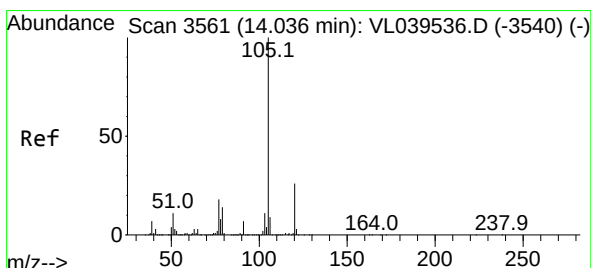
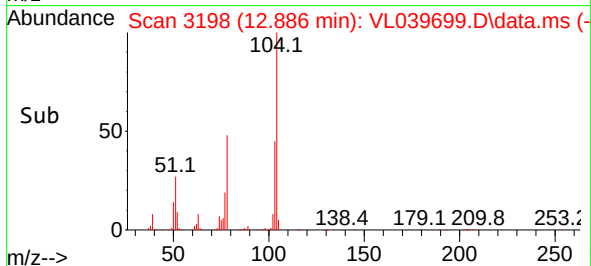
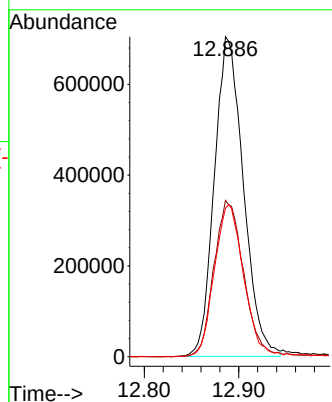
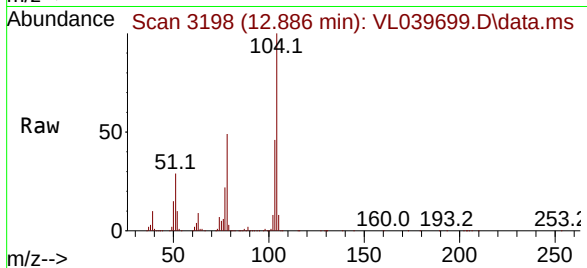
Tgt Ion:104 Resp: 1499225

Ion Ratio Lower Upper

104 100

78 50.7 41.2 61.8

103 48.5 38.7 58.1



#62

Isopropylbenzene

Concen: 8.722 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. -0.016 min

Lab File: VL039699.D

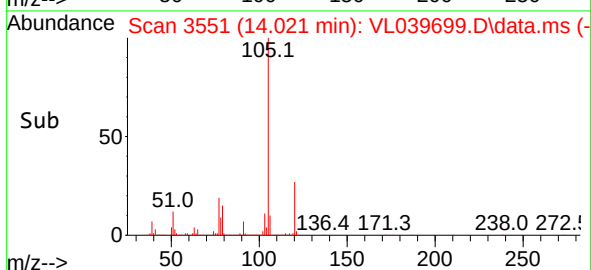
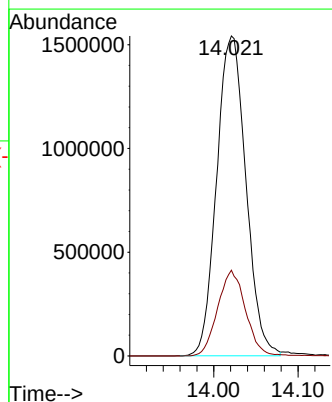
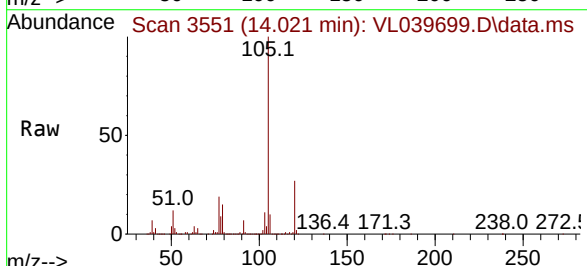
Acq: 10 Oct 2022 16:55

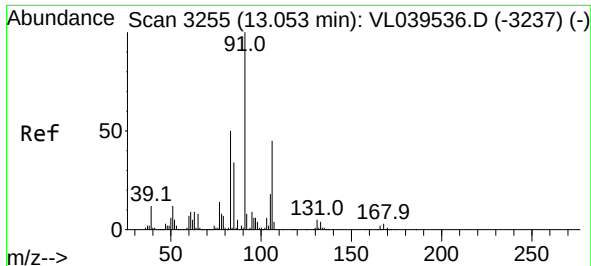
Tgt Ion:105 Resp: 3714499

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

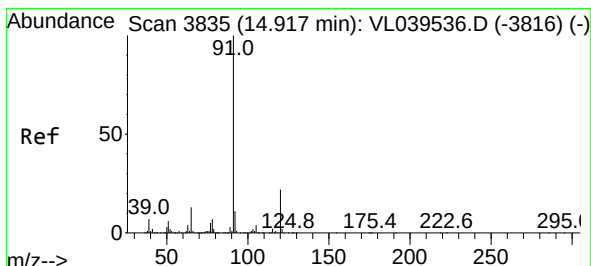
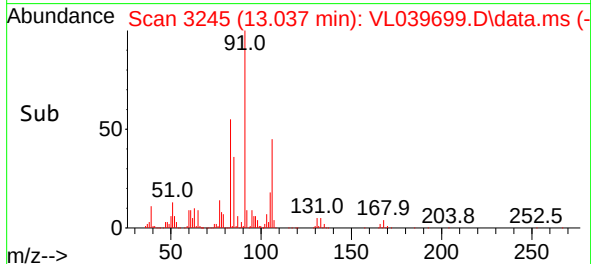
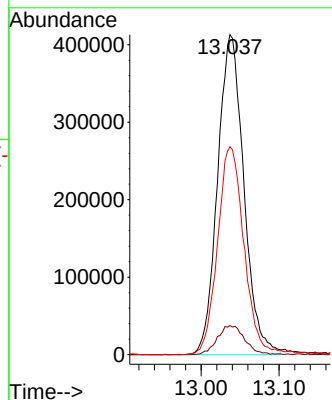
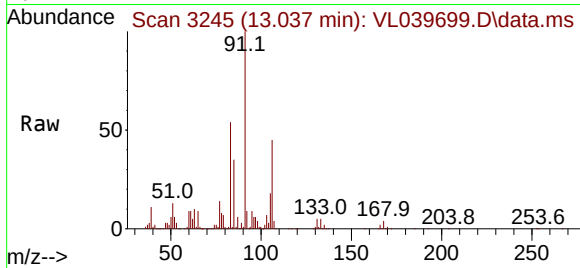




#63
1,1,2,2-Tetrachloroethane
Concen: 8.553 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

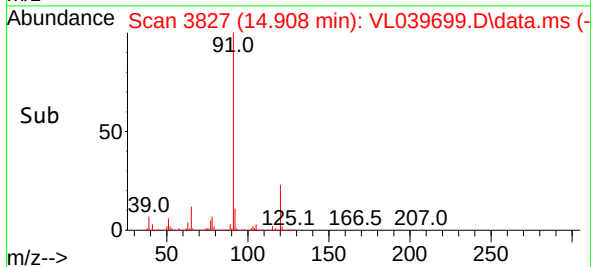
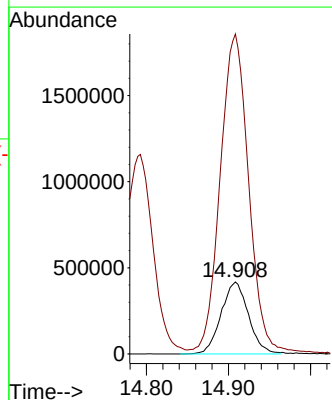
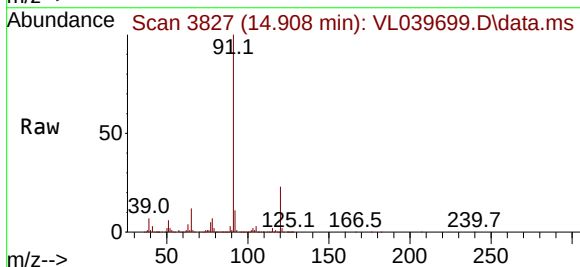
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

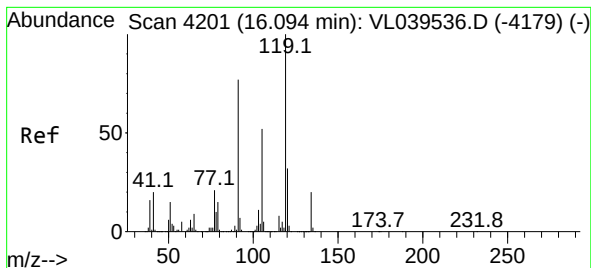
Tgt Ion: 83 Resp: 965572
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 66.5 33.1 99.5



#64
n-propylbenzene
Concen: 8.882 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.009 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 120 Resp: 968713
Ion Ratio Lower Upper
120 100
91 465.8 367.2 550.8





#65

tert-Butylbenzene

Concen: 8.582 ppbv

RT: 16.082 min Scan# 41

Delta R.T. -0.012 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

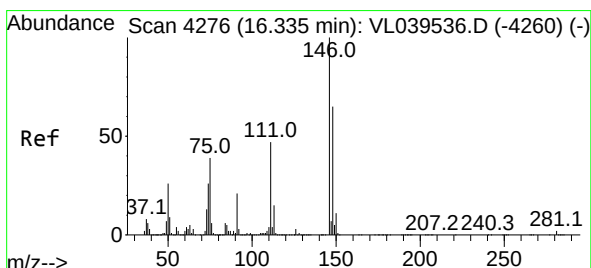
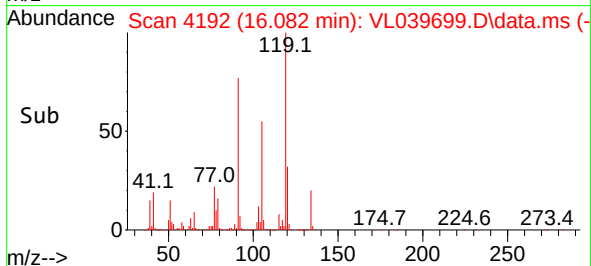
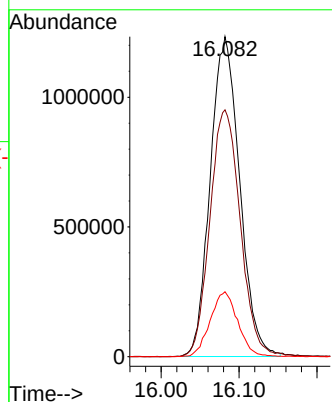
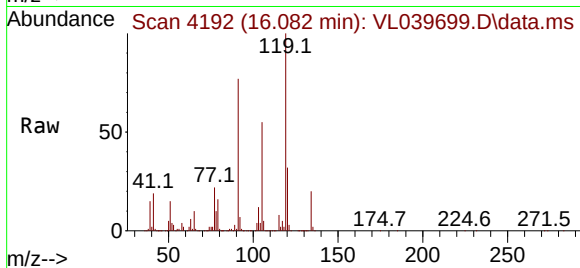
Tgt Ion:119 Resp: 3228959

Ion Ratio Lower Upper

119 100

91 80.0 63.4 95.2

134 19.2 15.9 23.9



#66

Benzyl Chloride

Concen: 8.215 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. -0.016 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

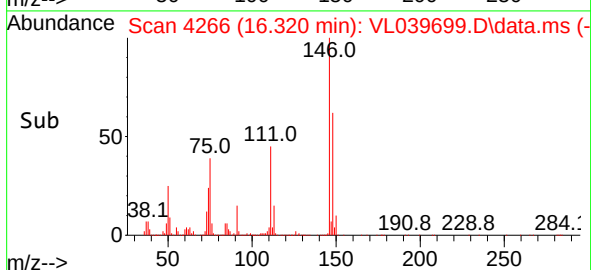
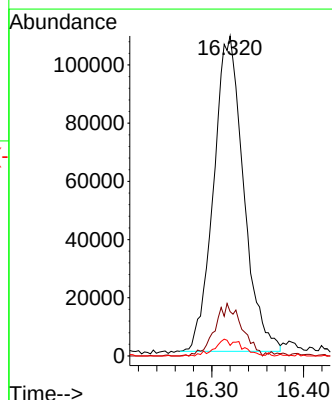
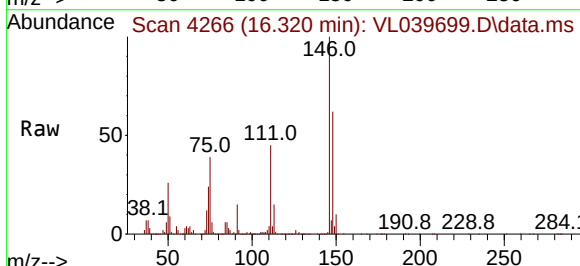
Tgt Ion: 91 Resp: 246103

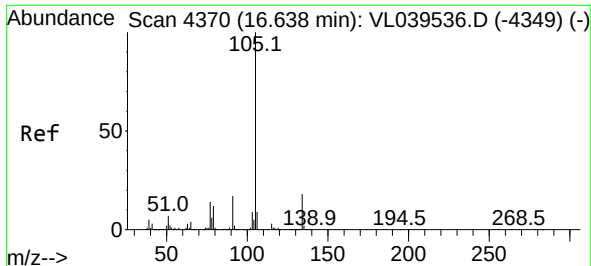
Ion Ratio Lower Upper

91 100

126 16.1 13.1 19.7

128 4.9 4.4 6.6

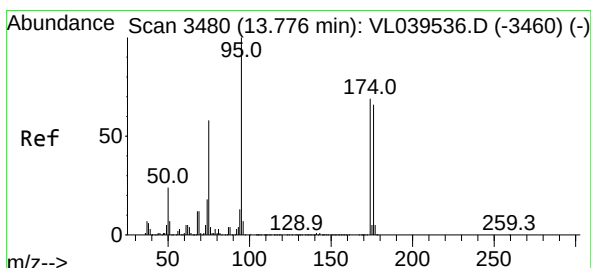
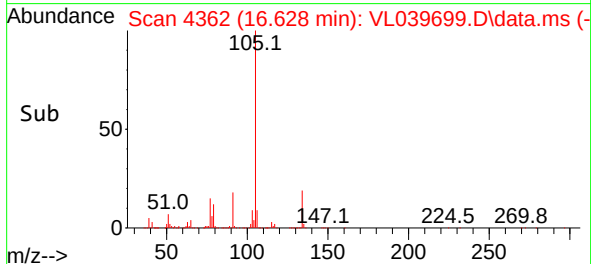
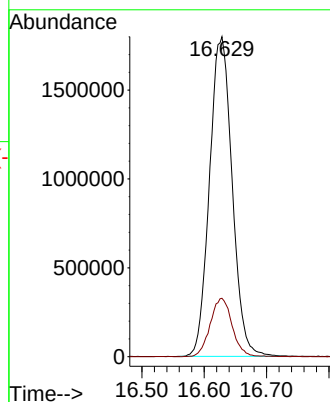
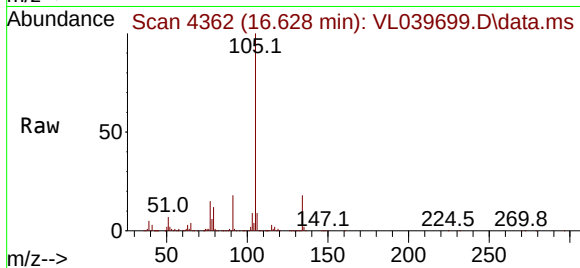




#67
 sec-Butylbenzene
 Concen: 8.608 ppbv
 RT: 16.628 min Scan# 41
 Delta R.T. -0.009 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

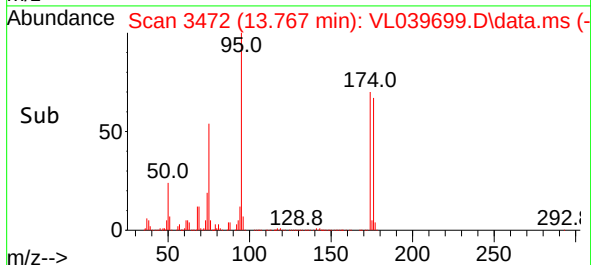
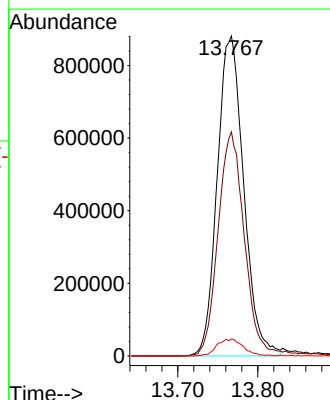
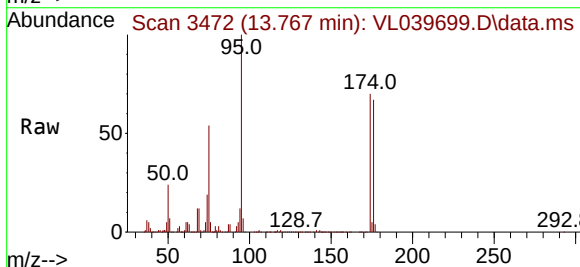
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01

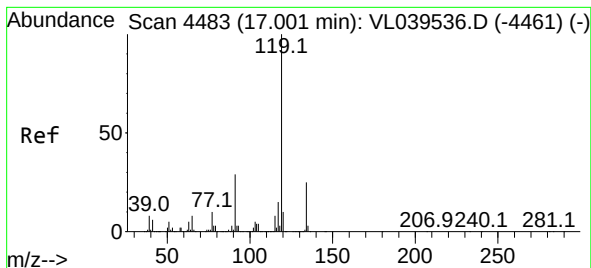
Tgt Ion:105 Resp: 4542677
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.385 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.009 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Tgt Ion: 95 Resp: 2023659
 Ion Ratio Lower Upper
 95 100
 174 70.8 55.9 83.9
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 8.724 ppbv

RT: 16.989 min Scan# 4483

Delta R.T. -0.012 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_1

ClientSampleId :

VL1010ABS01

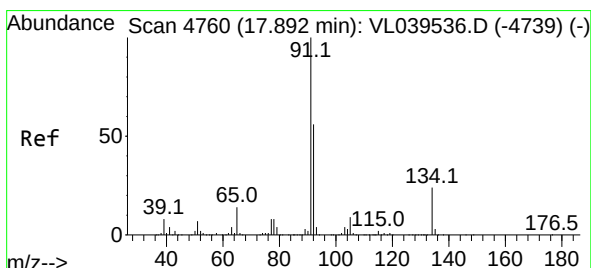
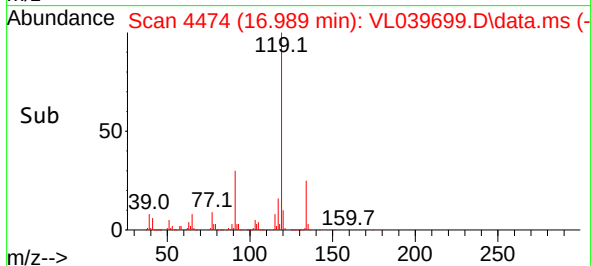
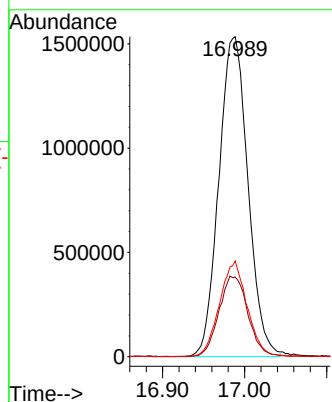
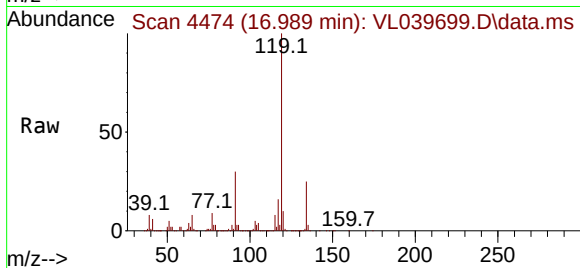
Tgt Ion:119 Resp: 3783458

Ion Ratio Lower Upper

119 100

134 25.2 20.3 30.5

91 28.5 22.9 34.3



#70

n-Butylbenzene

Concen: 8.899 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. -0.016 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

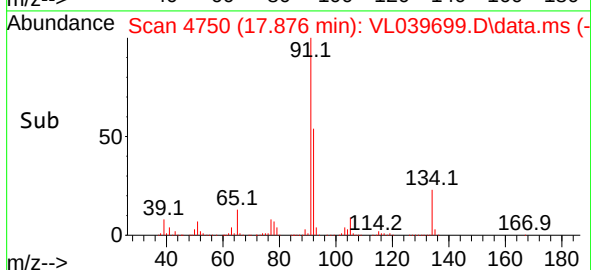
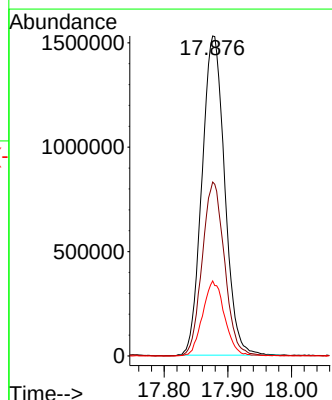
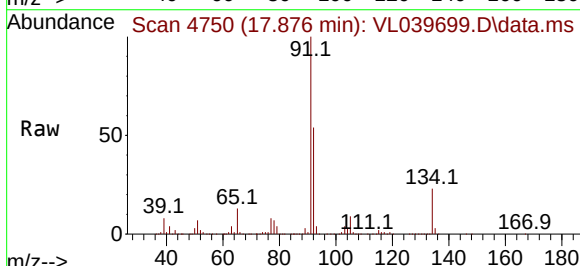
Tgt Ion: 91 Resp: 3783200

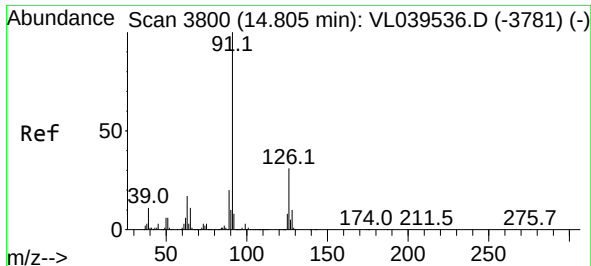
Ion Ratio Lower Upper

91 100

92 53.8 43.4 65.2

134 22.9 18.9 28.3

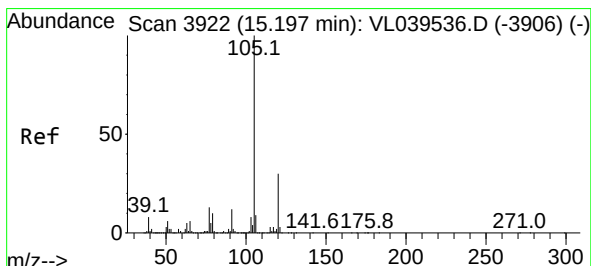
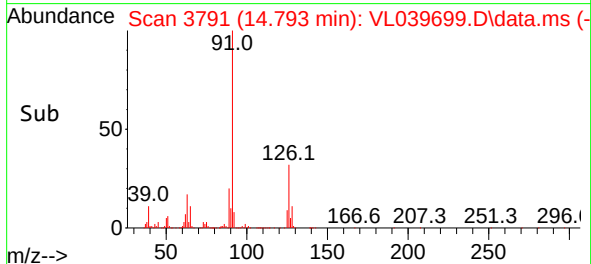
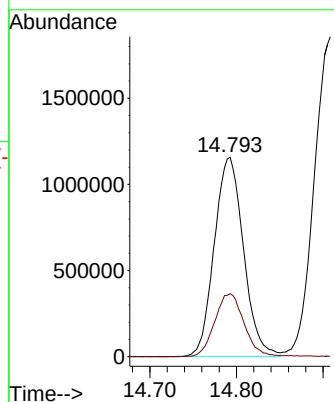
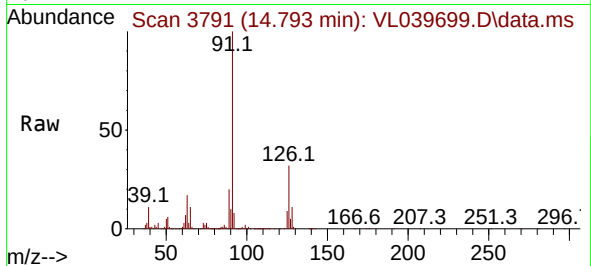




#71
2-Chlorotoluene
Concen: 8.801 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.012 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

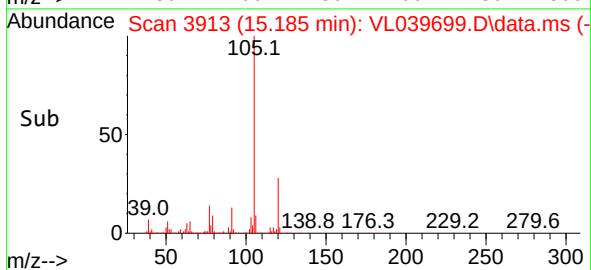
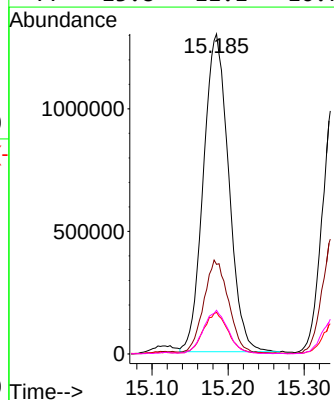
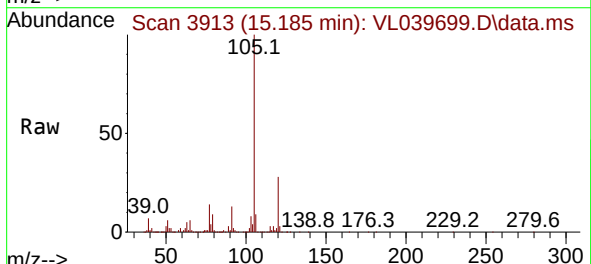
Instrument :
MSVOA_1
ClientSampleId :
VL1010ABS01

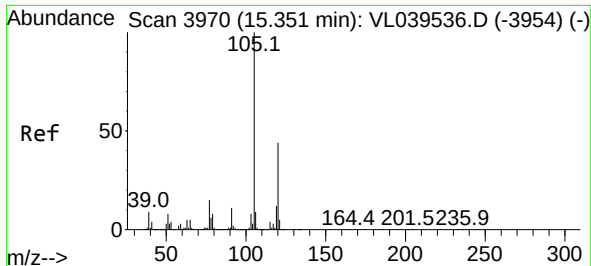
Tgt Ion: 91 Resp: 2706322
Ion Ratio Lower Upper
91 100
126 32.4 13.0 51.8



#72
4-Ethyltoluene
Concen: 9.269 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.012 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion: 105 Resp: 2995027
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.2
91 13.1 10.2 15.4
77 13.8 11.1 16.7

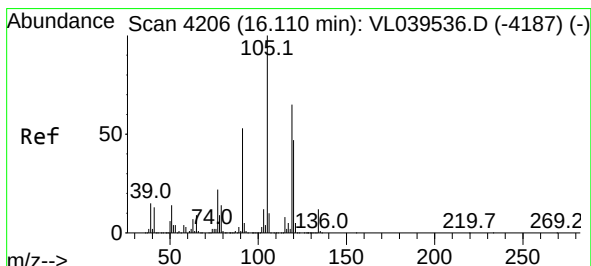
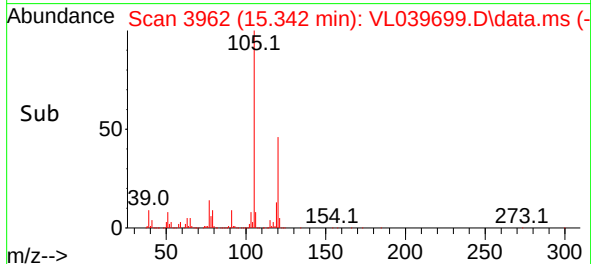
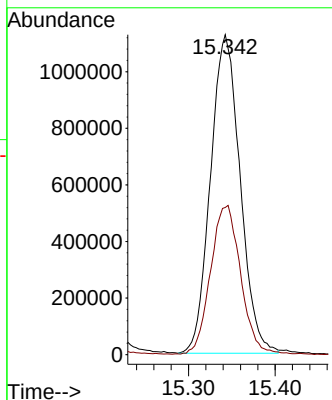
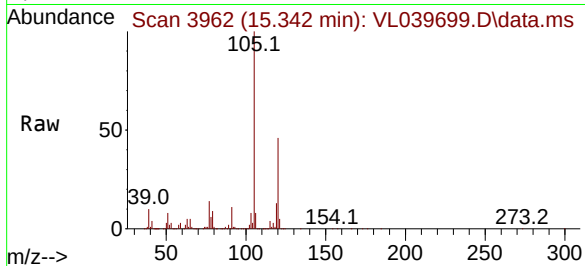




#73
 1,3,5-Trimethylbenzene
 Concen: 9.044 ppbv
 RT: 15.342 min Scan# 3970
 Delta R.T. -0.009 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

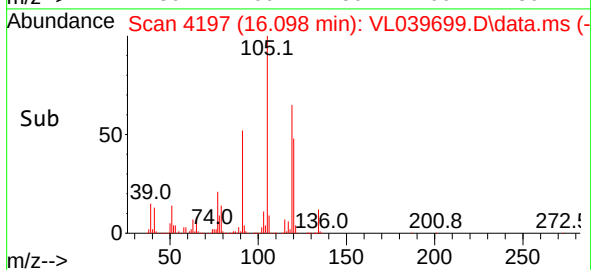
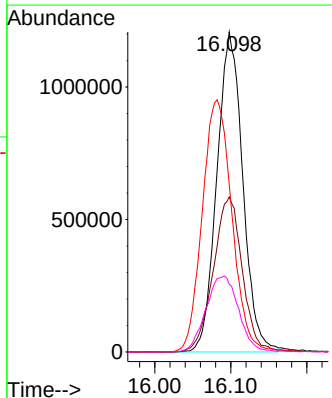
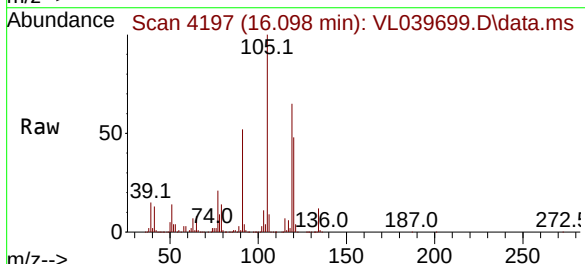
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1010ABS01

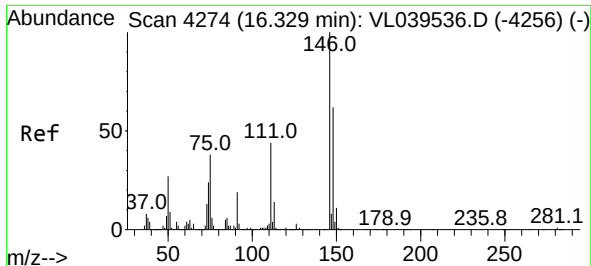
Tgt Ion:105 Resp: 2674021
 Ion Ratio Lower Upper
 105 100
 120 46.0 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 8.607 ppbv
 RT: 16.098 min Scan# 4197
 Delta R.T. -0.012 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Tgt Ion:105 Resp: 2852345
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.5 59.3
 91 51.9 39.2 58.8
 77 21.0 17.2 25.8

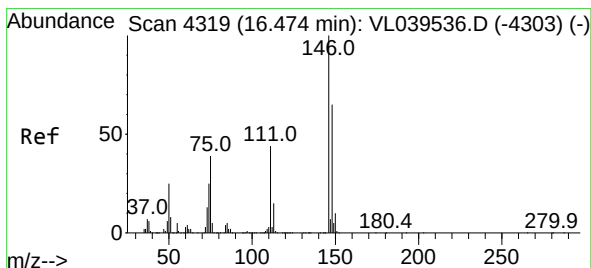
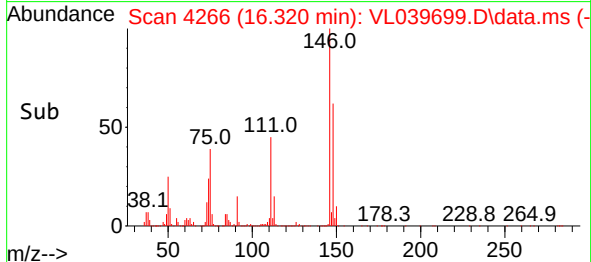
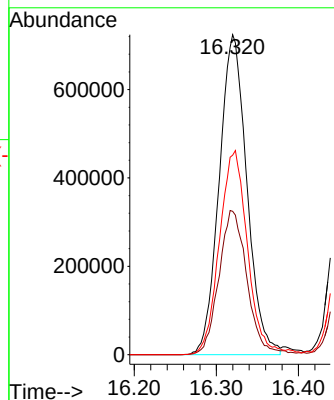
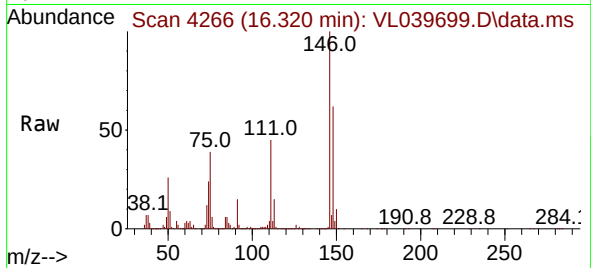




#75
1,3-Dichlorobenzene
Concen: 8.588 ppbv
RT: 16.320 min Scan# 41
Delta R.T. -0.009 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

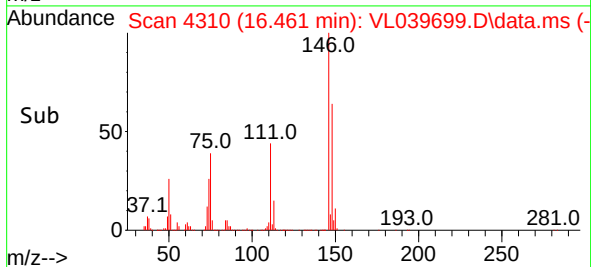
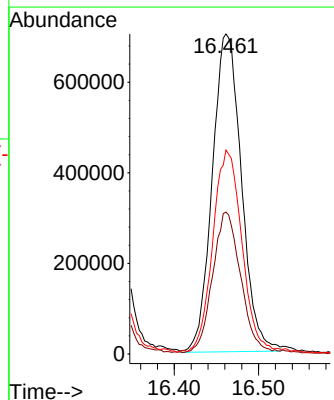
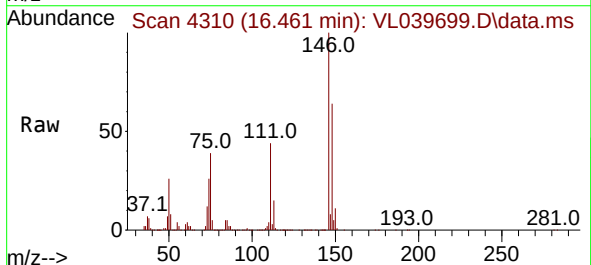
Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

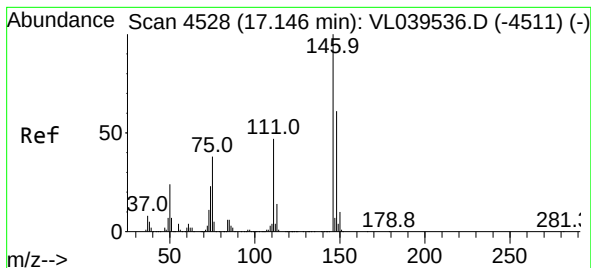
Tgt Ion:146 Resp: 1698280
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.7
148 65.0 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 8.517 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. -0.012 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

Tgt Ion:146 Resp: 1684735
Ion Ratio Lower Upper
146 100
111 44.0 22.9 68.8
148 65.5 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 8.621 ppbv

RT: 17.133 min Scan# 4

Delta R.T. -0.012 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

Instrument :

MSVOA_L

ClientSampleId :

VL1010ABS01

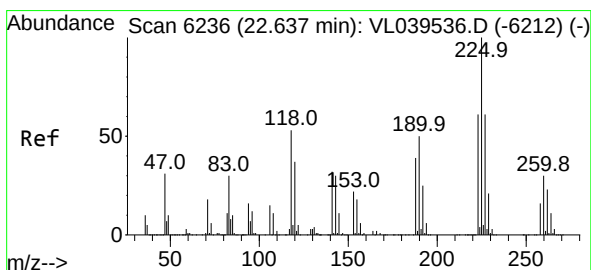
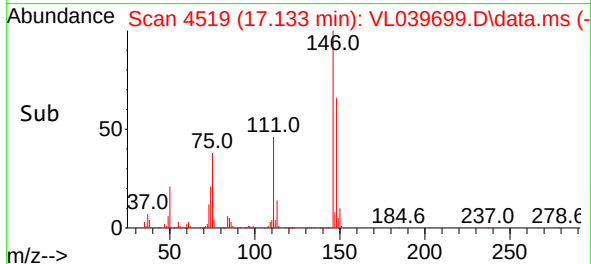
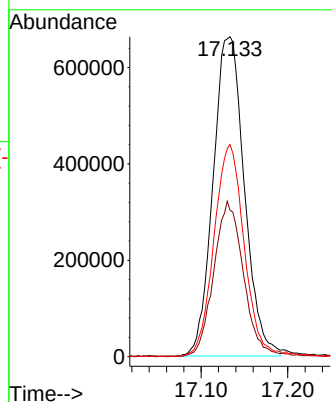
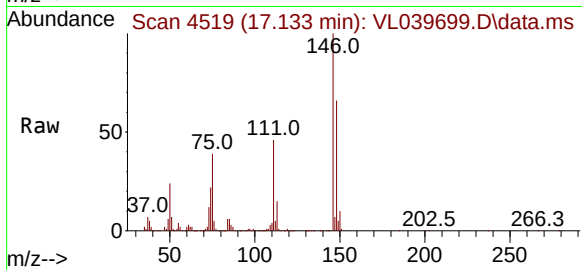
Tgt Ion:146 Resp: 1662484

Ion Ratio Lower Upper

146 100

111 46.7 23.8 71.5

148 64.5 32.3 96.8



#78

Hexachloro-1,3-Butadiene

Concen: 8.983 ppbv

RT: 22.619 min Scan# 6225

Delta R.T. -0.019 min

Lab File: VL039699.D

Acq: 10 Oct 2022 16:55

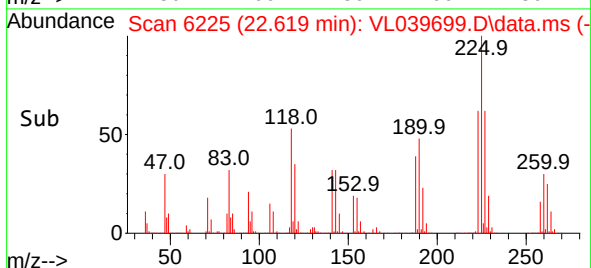
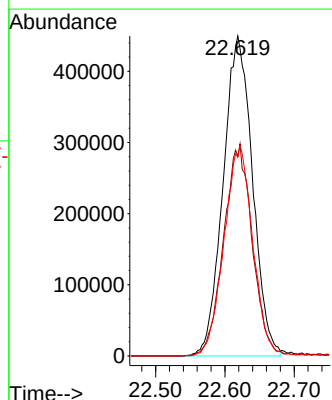
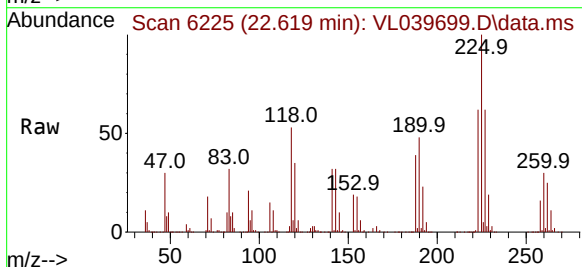
Tgt Ion:225 Resp: 1323617

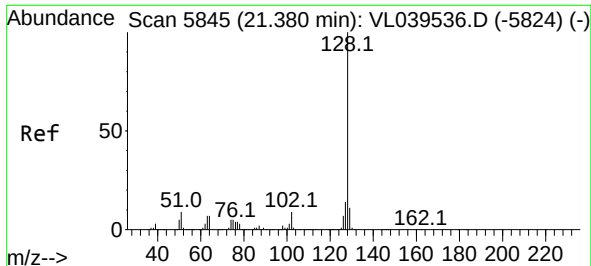
Ion Ratio Lower Upper

225 100

223 64.7 51.8 77.6

227 64.9 51.4 77.2

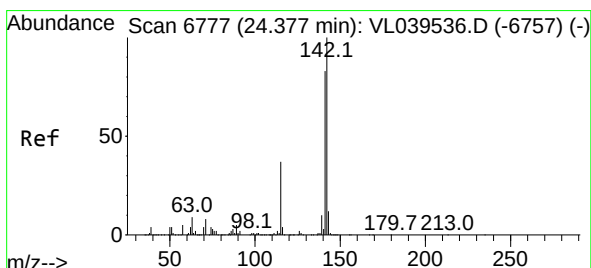
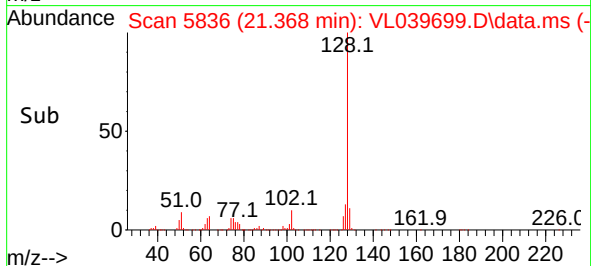
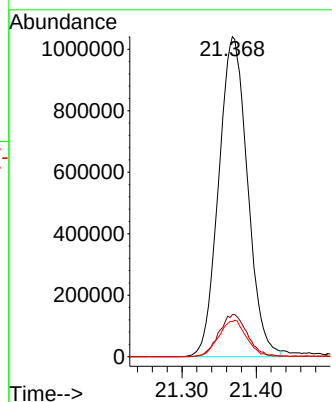
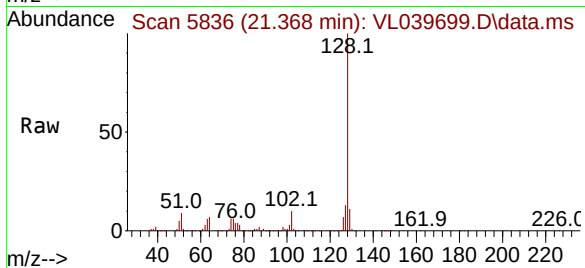




#79
Naphthalene
Concen: 12.813 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.012 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

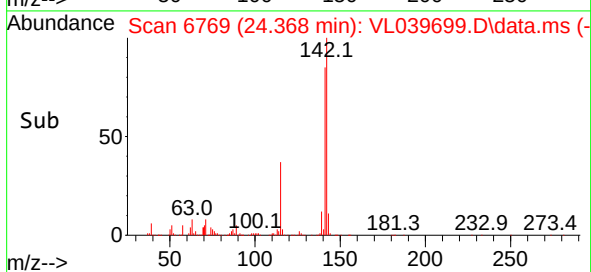
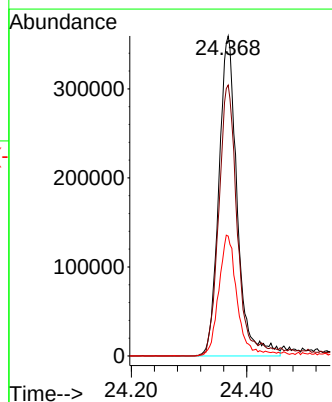
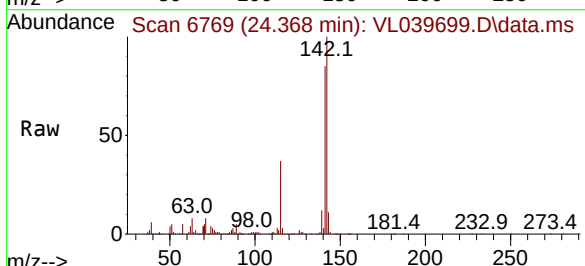
Instrument :
MSVOA_1
ClientSampleId :
VL1010ABS01

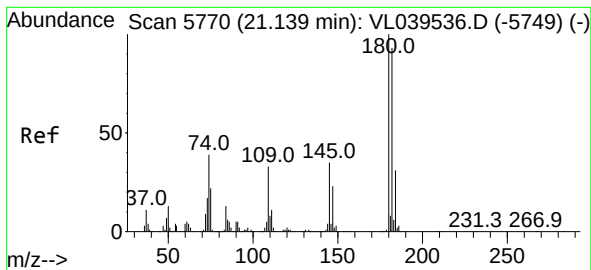
Tgt Ion:128 Resp: 2802367
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 9.612 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.009 min
Lab File: VL039699.D
Acq: 10 Oct 2022 16:55

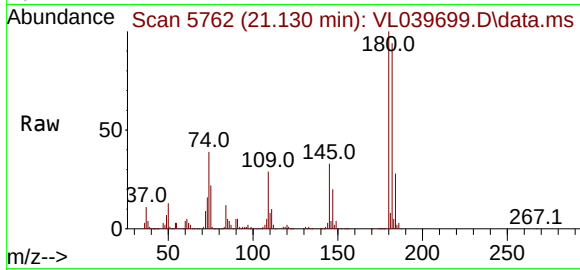
Tgt Ion:142 Resp: 790425
Ion Ratio Lower Upper
142 100
141 91.2 68.9 103.3
115 38.6 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.962 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. -0.009 min
 Lab File: VL039699.D
 Acq: 10 Oct 2022 16:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1010ABS01



Tgt Ion:180 Resp: 1574741

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.1	115.7
184	30.3	24.3	36.5

