

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040498.D
 Acq On : 23 Jun 2023 8:15
 Operator : SY/MD
 Sample : 03397-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Quant Time: Jun 26 02:13:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

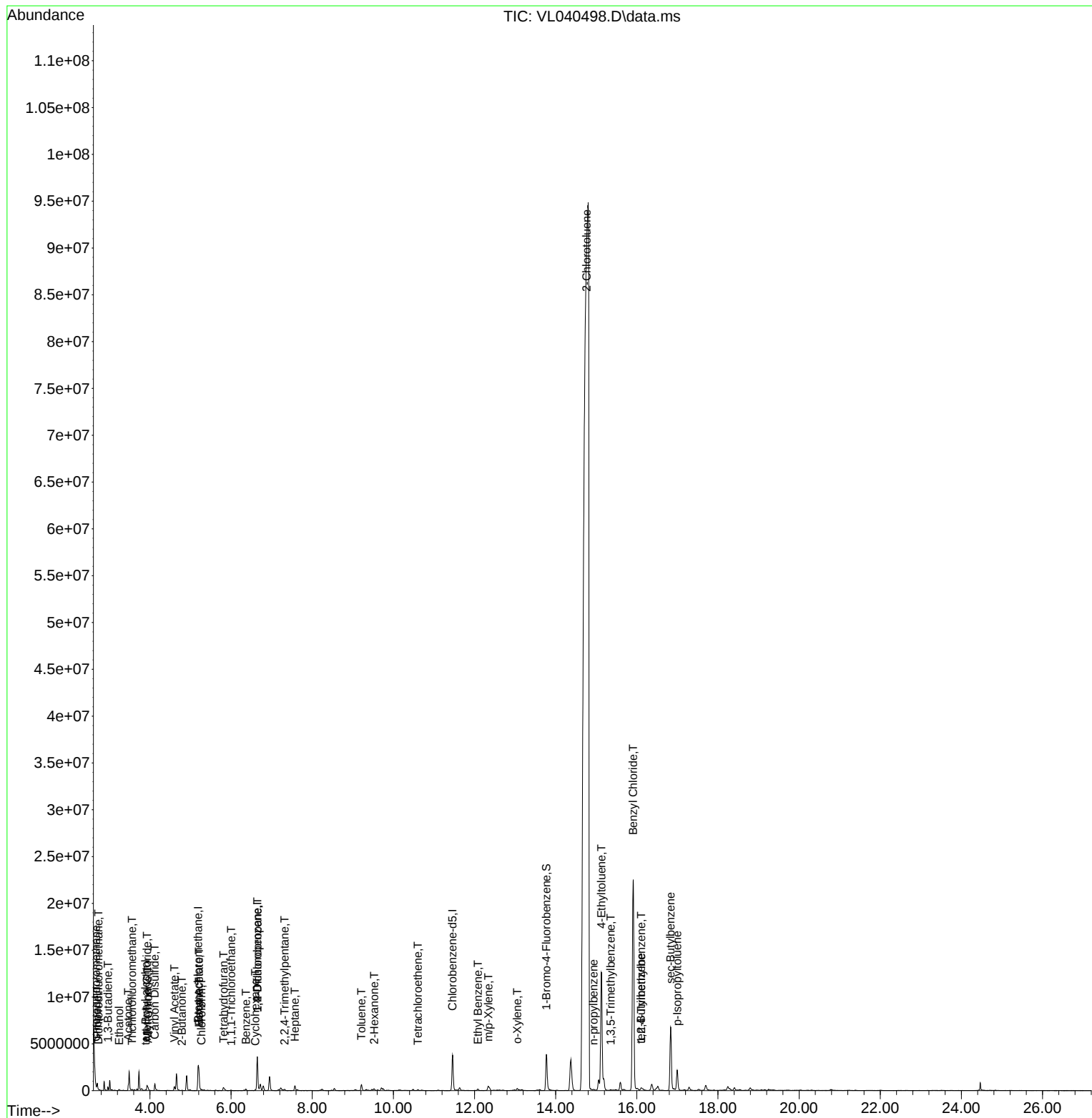
Internal Standards						
1) Bromochloromethane	5.185	49	1007213	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2569517	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2352749	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2035903	10.485	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 104.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	29502	0.135	ppbv	96
3) Chlorodifluoromethane	2.674	51	10736	0.065	ppbv	95
9) Propene	2.700	41	190120	3.737	ppbv	84
10) Heptane	7.574	43	201878	1.753	ppbv	95
11) Trichlorofluoromethane	3.562	101	54664	0.306	ppbv	96
13) Ethanol	3.240	45	118475	11.246	ppbv	94
15) Acetone	3.465	43	468899	3.860	ppbv #	81
16) 1,3-Butadiene	2.964	39	90519	1.531	ppbv #	25
17) tert-Butyl alcohol	3.893	59	14490	0.145	ppbv #	71
20) Methylene Chloride	3.931	84	168175	3.244	ppbv	99
21) Allyl Chloride	3.954	41	42585	0.621	ppbv #	43
23) Vinyl Acetate	4.603	43	207727	1.751	ppbv #	2
25) Ethyl Acetate	5.208	43	438987	1.994	ppbv #	77
26) Hexane	5.211	57	654106	6.275	ppbv #	41
27) Carbon Disulfide	4.121	76	815972	6.259	ppbv	98
29) Chloroform	5.269	83	32157	0.181	ppbv	95
30) Cyclohexane	6.600	84	8032	0.096	ppbv #	1
32) 1,1,1-Trichloroethane	6.002	97	14990	0.086	ppbv #	10
34) 2-Butanone	4.790	43	40751	0.329	ppbv #	89
36) Benzene	6.365	78	61565	0.301	ppbv	99
39) 1,2-Dichloropropane	6.645	63	659404	8.369	ppbv #	21
41) Tetrahydrofuran	5.819	42	30073	0.444	ppbv #	46
44) 2,2,4-Trimethylpentane	7.320	57	25118	0.075	ppbv #	1
51) 2-Hexanone	9.529	43	34471	0.299	ppbv #	31
52) Tetrachloroethene	10.606	164	11381	0.177	ppbv	91
53) Toluene	9.214	91	464033	2.156	ppbv	98
58) Ethyl Benzene	12.085	91	133875	0.470	ppbv	91
59) m/p-Xylene	12.343	91	321976	1.229	ppbv #	33
60) o-Xylene	13.053	91	177983	0.716	ppbv	99
64) n-propylbenzene	14.934	120	6431	0.069	ppbv #	1
65) tert-Butylbenzene	16.101	119	11763	0.037	ppbv #	15
66) Benzyl Chloride	15.912	91	4282505	175.355	ppbv #	67
67) sec-Butylbenzene	16.831	105	450681	0.975	ppbv #	84
69) p-Isopropyltoluene	16.995	119	1728500	4.707	ppbv	99
71) 2-Chlorotoluene	14.764	91	40152125	146.386	ppbv #	45
72) 4-Ethyltoluene	15.130	105	513187	1.834	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.359	105	43289	0.175	ppbv #	72
74) 1,2,4-Trimethylbenzene	16.108	105	199616	0.686	ppbv #	66

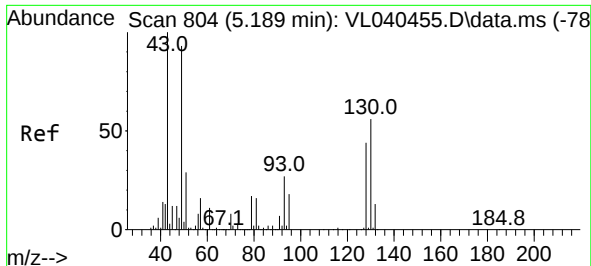
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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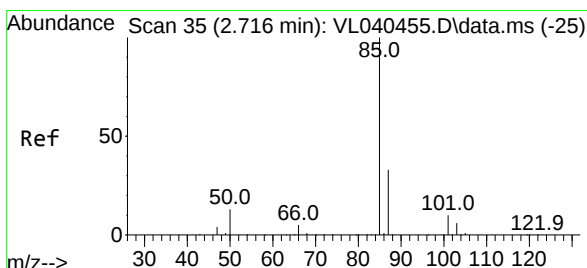
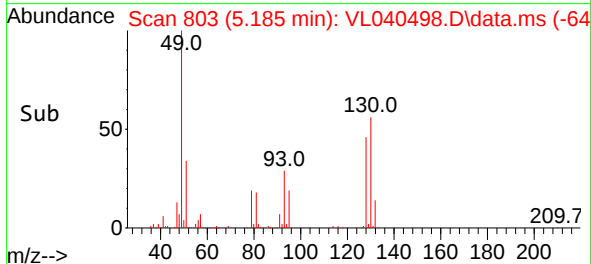
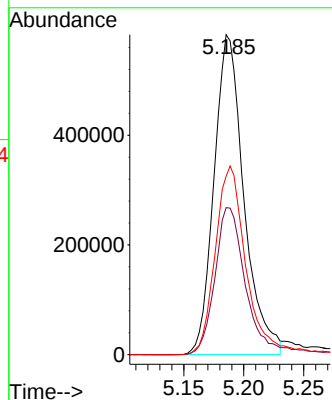
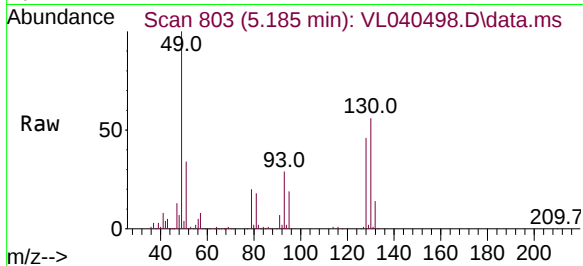




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

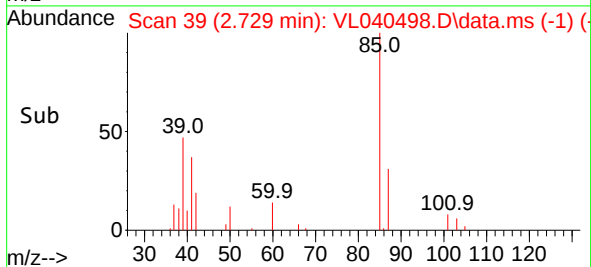
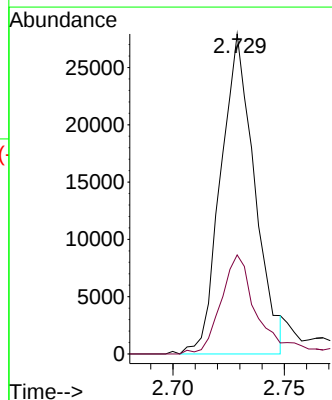
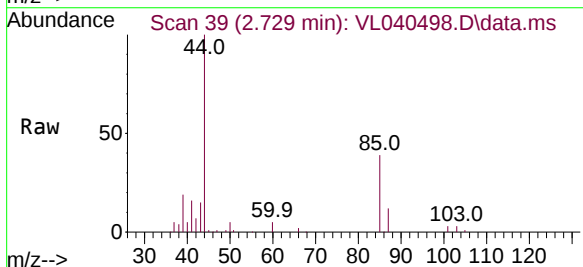
Instrument :
MSVOA_L
ClientSampleId :
SV-1

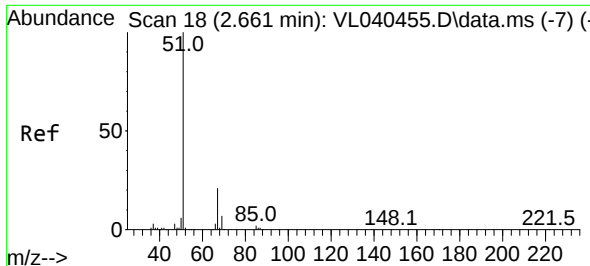
Tgt Ion: 49 Resp: 1007213
Ion Ratio Lower Upper
49 100
128 49.2 24.7 74.1
130 62.7 31.4 94.2



#2
Dichlorodifluoromethane
Concen: 0.135 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.013 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 85 Resp: 29502
Ion Ratio Lower Upper
85 100
87 31.0 26.6 39.8

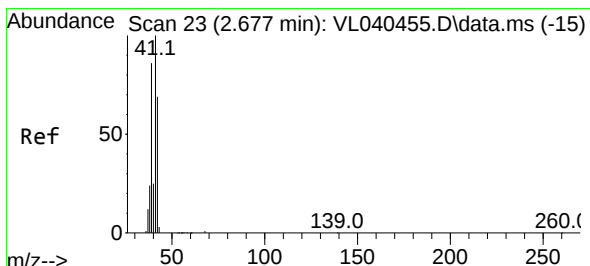
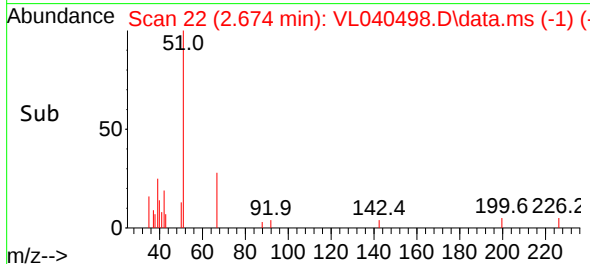
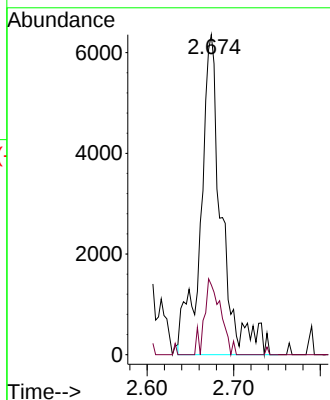
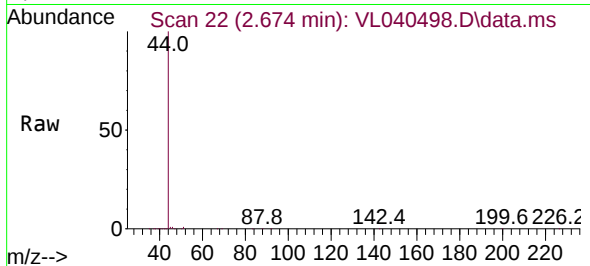




#3
Chlorodifluoromethane
Concen: 0.065 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

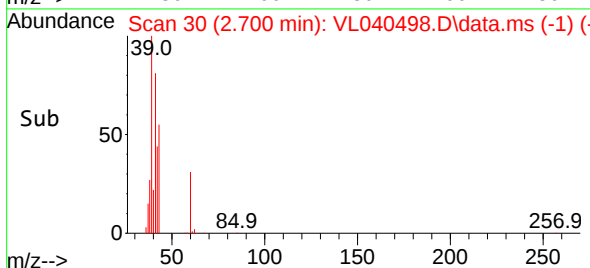
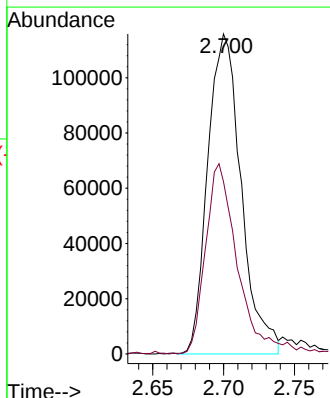
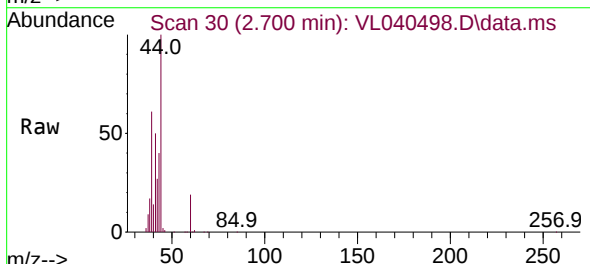
Instrument :
MSVOA_L
ClientSampleId :
SV-1

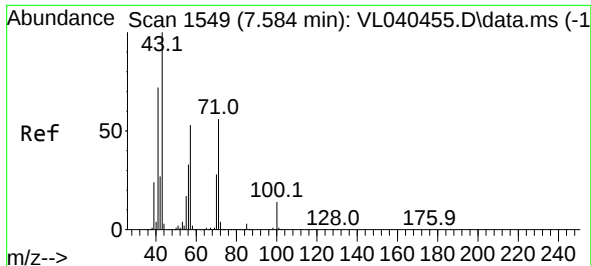
Tgt Ion: 51 Resp: 10736
Ion Ratio Lower Upper
51 100
67 18.2 16.3 24.5



#9
Propene
Concen: 3.737 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.022 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 41 Resp: 190120
Ion Ratio Lower Upper
41 100
42 57.5 56.2 84.2

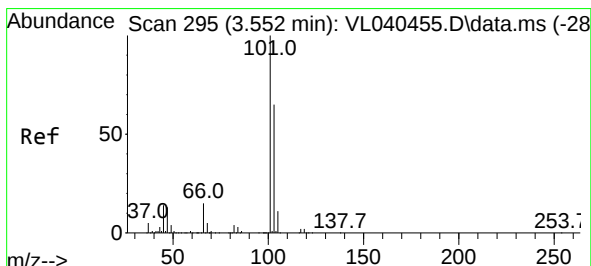
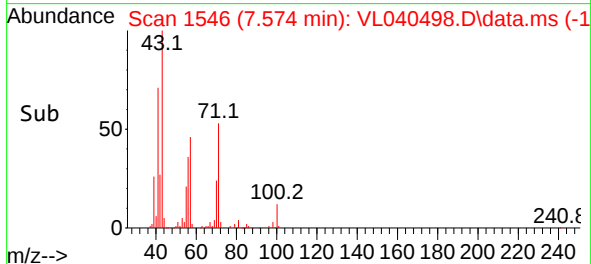
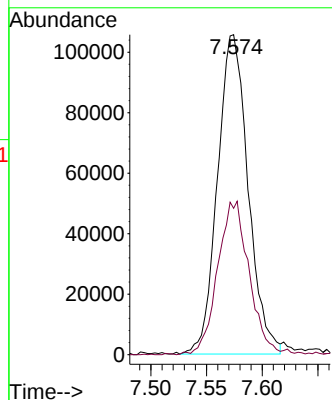
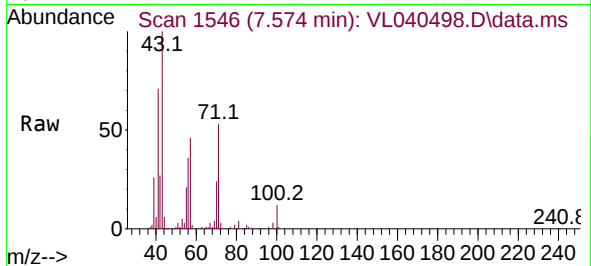




#10
Heptane
Concen: 1.753 ppbv
RT: 7.574 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

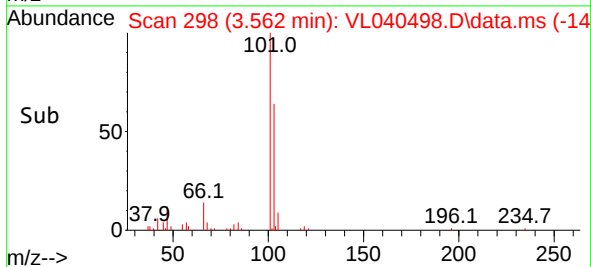
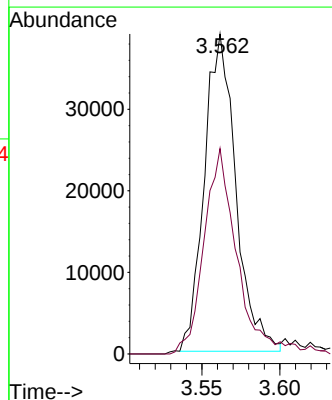
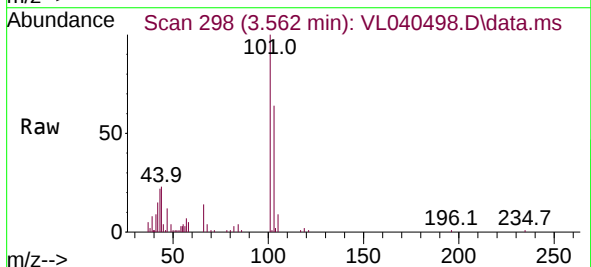
Instrument :
MSVOA_L
ClientSampleId :
SV-1

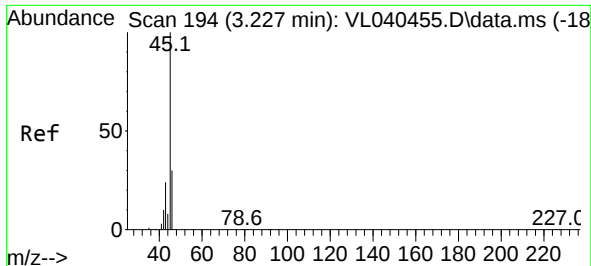
Tgt Ion: 43 Resp: 201878
Ion Ratio Lower Upper
43 100
57 49.9 42.5 63.7



#11
Trichlorofluoromethane
Concen: 0.306 ppbv
RT: 3.562 min Scan# 298
Delta R.T. 0.010 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion:101 Resp: 54664
Ion Ratio Lower Upper
101 100
103 61.3 51.7 77.5

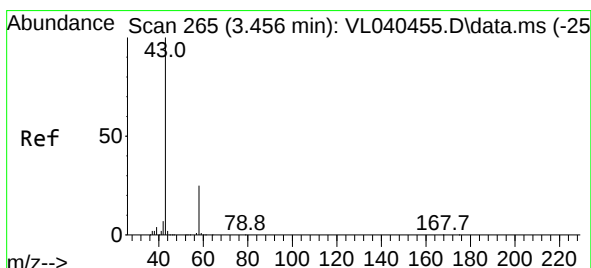
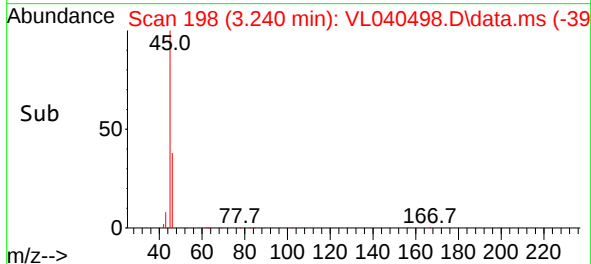
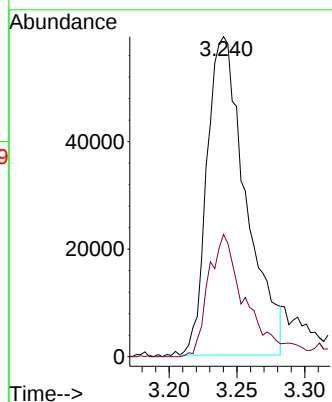
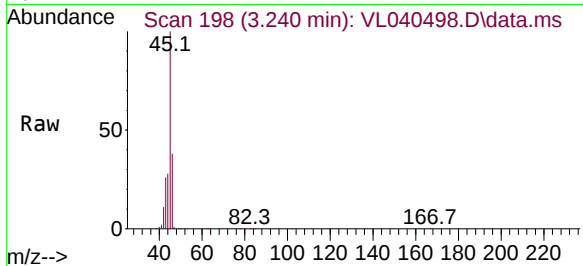




#13
Ethanol
Concen: 11.246 ppbv
RT: 3.240 min Scan# 194
Delta R.T. 0.013 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

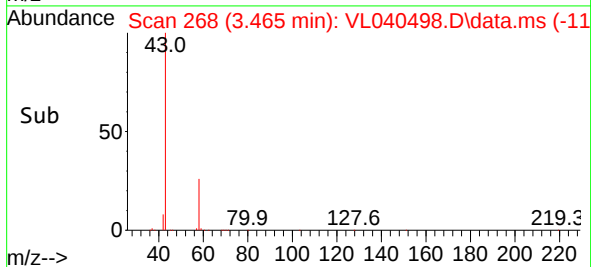
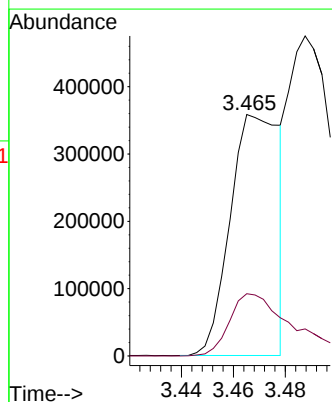
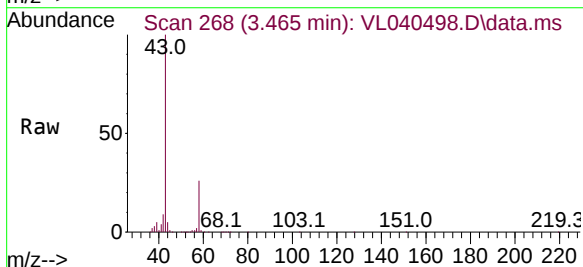
Instrument :
MSVOA_L
ClientSampleId :
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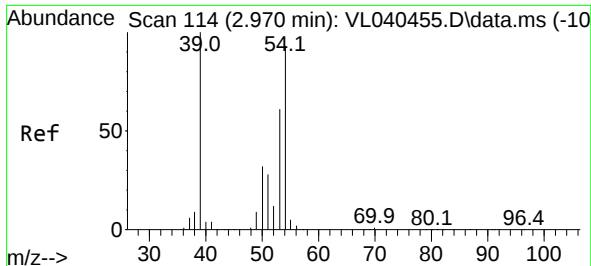
Tgt Ion: 45 Resp: 118475
Ion Ratio Lower Upper
45 100
46 40.0 14.5 58.1



#15
Acetone
Concen: 3.860 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.010 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 43 Resp: 468899
Ion Ratio Lower Upper
43 100
58 36.9 21.6 32.4#

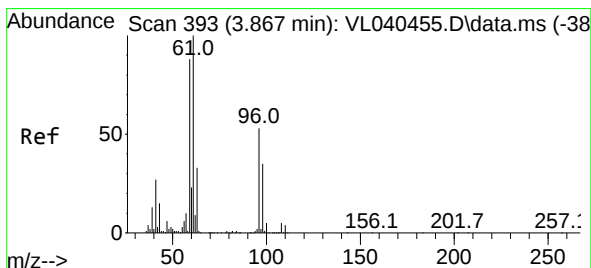
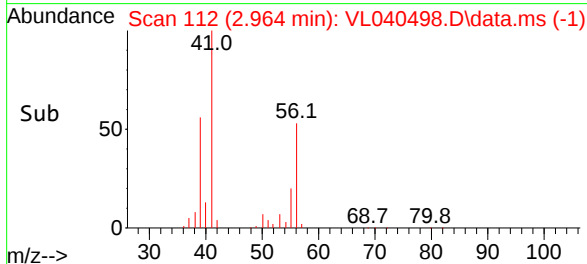
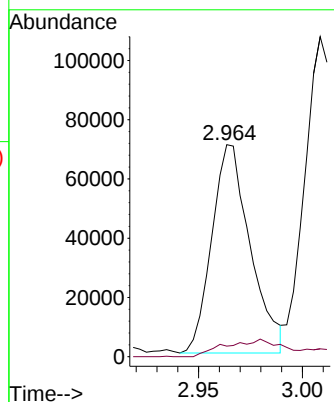
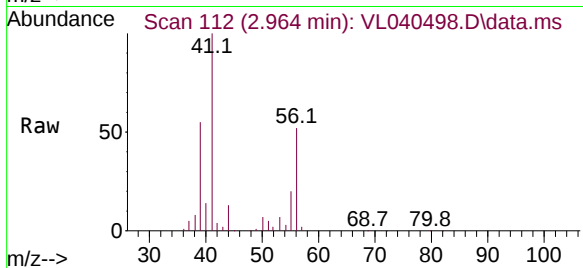




#16
1,3-Butadiene
Concen: 1.531 ppbv
RT: 2.964 min Scan# 114
Delta R.T. -0.006 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

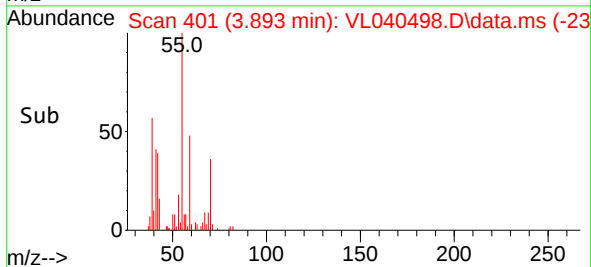
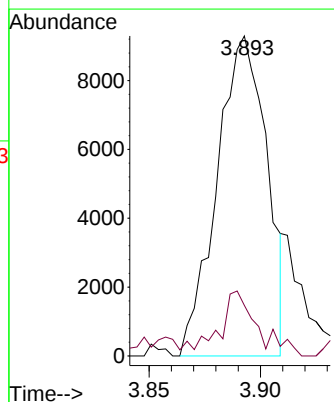
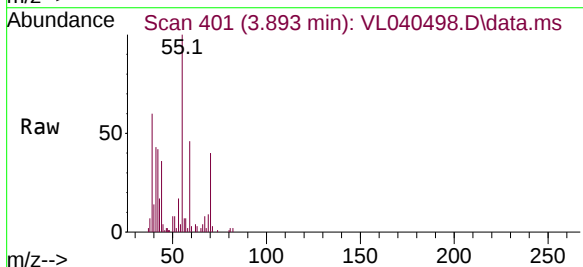
Instrument :
MSVOA_L
ClientSampleId :
SV-1

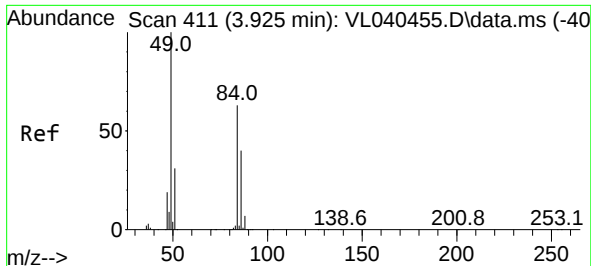
Tgt Ion: 39 Resp: 90519
Ion Ratio Lower Upper
39 100
54 15.9 66.9 100.3#



#17
tert-Butyl alcohol
Concen: 0.145 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.026 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 59 Resp: 14490
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

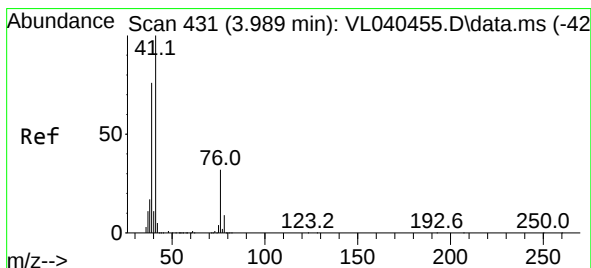
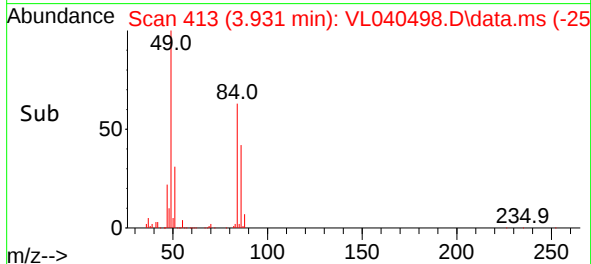
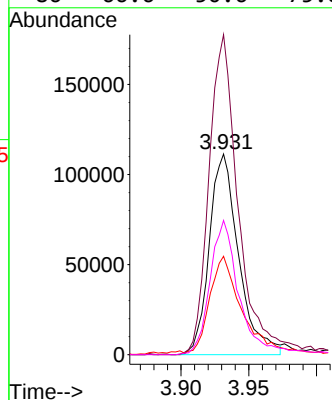
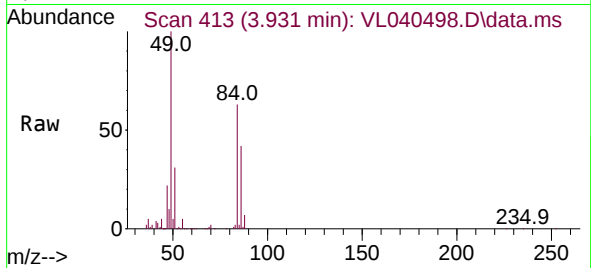




#20
Methylene Chloride
Concen: 3.244 ppbv
RT: 3.931 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

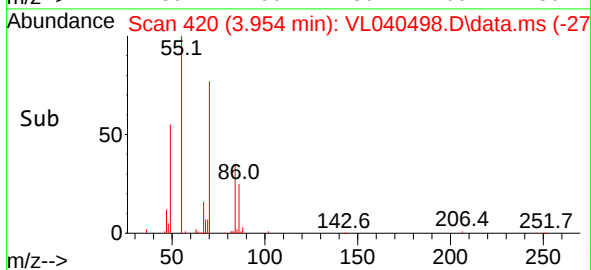
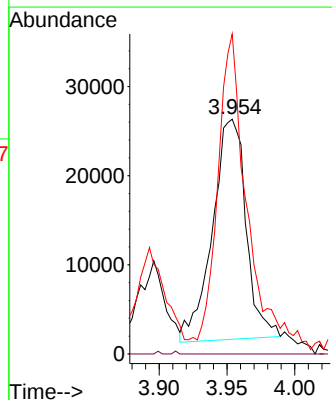
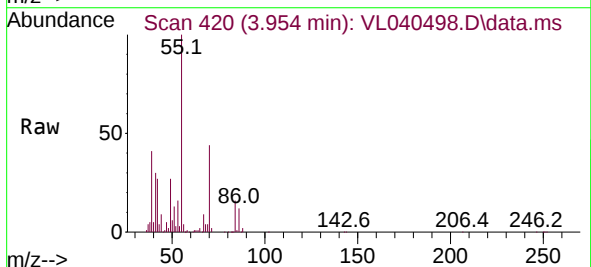
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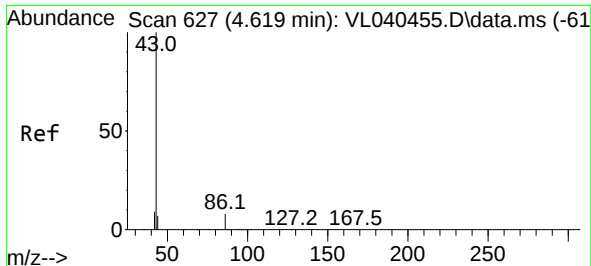
Tgt Ion: 84 Resp: 168175
Ion Ratio Lower Upper
84 100
49 157.8 126.2 189.2
51 47.1 38.7 58.1
86 66.6 50.6 75.8



#21
Allyl Chloride
Concen: 0.621 ppbv
RT: 3.954 min Scan# 420
Delta R.T. -0.035 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 41 Resp: 42585
Ion Ratio Lower Upper
41 100
76 0.0 26.1 39.1#
39 129.6 63.9 95.9#



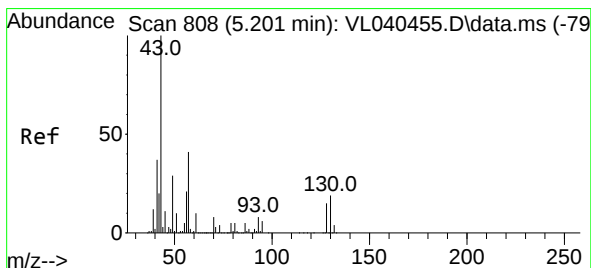
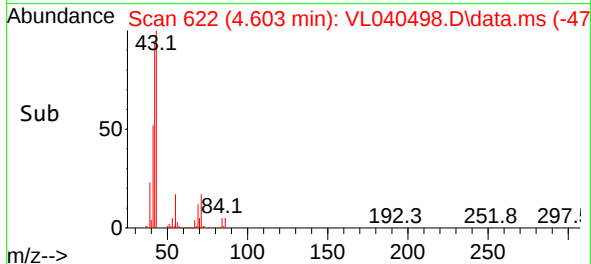
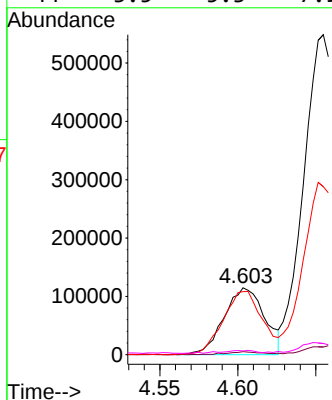
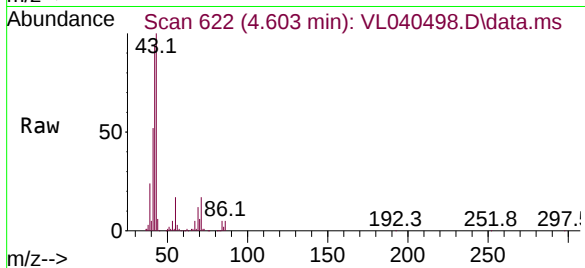


#23
 Vinyl Acetate
 Concen: 1.751 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL040498.D
 Acq: 23 Jun 2023 8:15

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Tgt Ion: 43 Resp: 207727

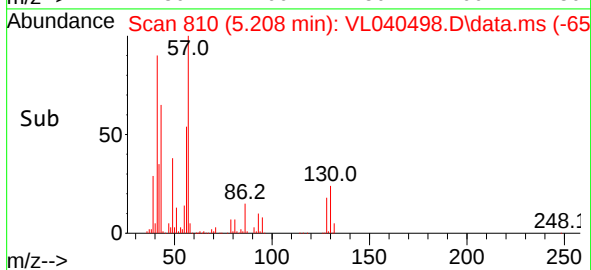
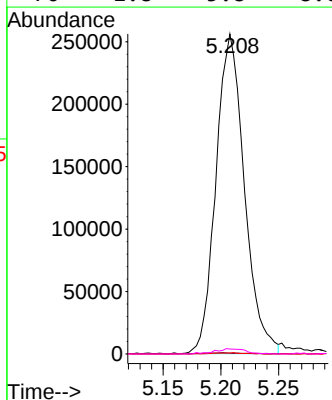
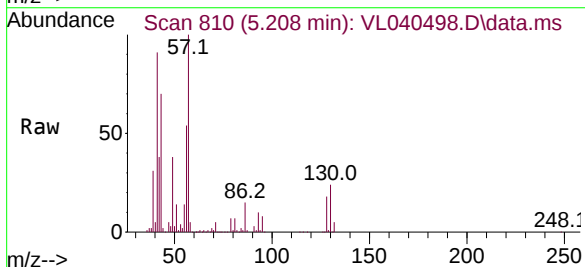
Ion	Ratio	Lower	Upper
43	100		
86	4.6	5.8	8.6#
42	93.3	7.4	11.2#
44	3.5	5.3	7.9#

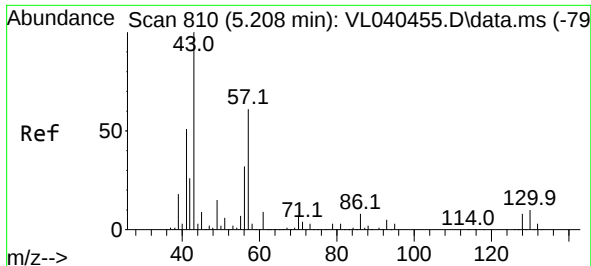


#25
 Ethyl Acetate
 Concen: 1.994 ppbv
 RT: 5.208 min Scan# 810
 Delta R.T. 0.006 min
 Lab File: VL040498.D
 Acq: 23 Jun 2023 8:15

Tgt Ion: 43 Resp: 438987

Ion	Ratio	Lower	Upper
43	100		
45	0.5	8.0	12.0#
61	0.4	8.1	12.1#
70	1.8	5.8	8.6#

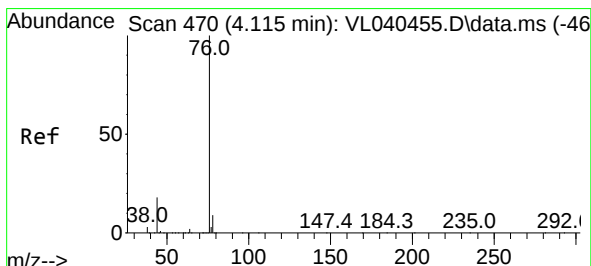
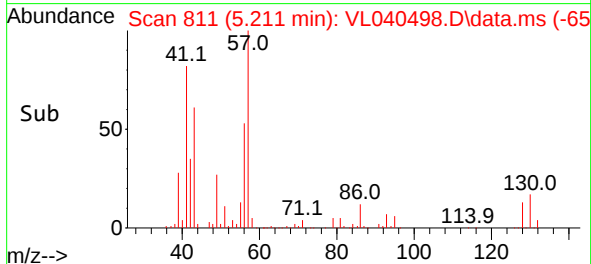
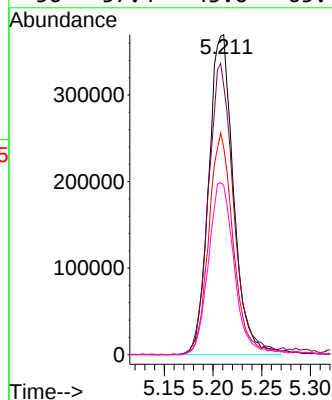
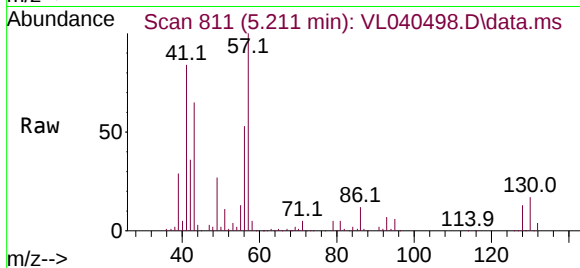




#26
Hexane
Concen: 6.275 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

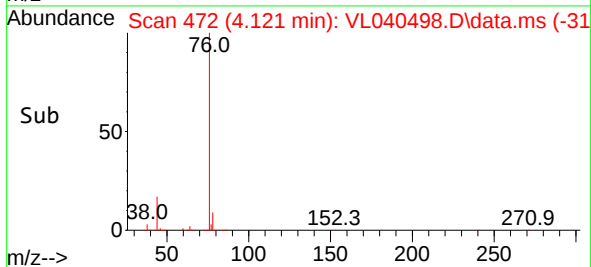
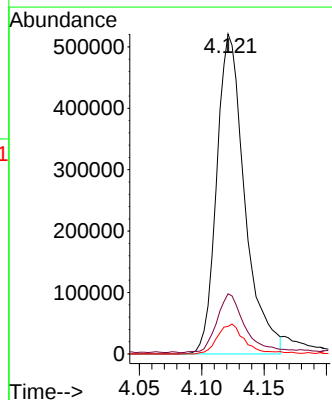
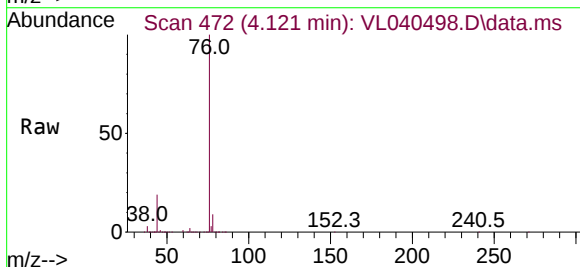
Instrument :
MSVOA_L
ClientSampleId :
SV-1

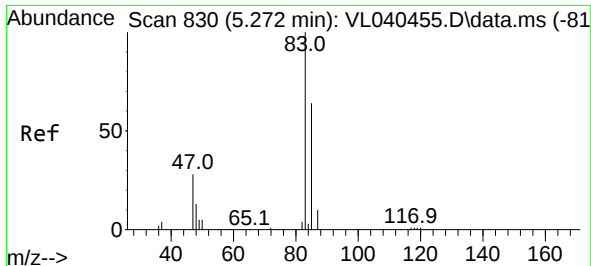
Tgt Ion: 57	Resp: 654106
Ion Ratio	Lower Upper
57 100	
41 95.1	73.0 109.6
43 69.0	177.5 266.3#
56 57.4	43.6 65.4



#27
Carbon Disulfide
Concen: 6.259 ppbv
RT: 4.121 min Scan# 472
Delta R.T. 0.006 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 76	Resp: 815972		
Ion Ratio	Lower	Upper	
76 100			
44 19.5	14.6	22.0	
78 9.6	7.6	11.4	

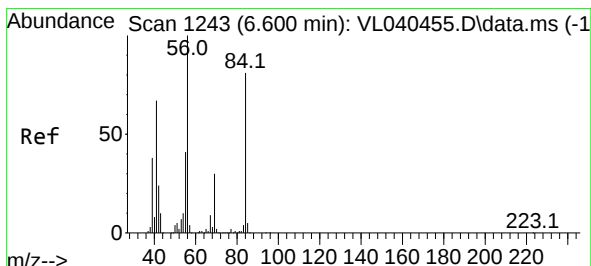
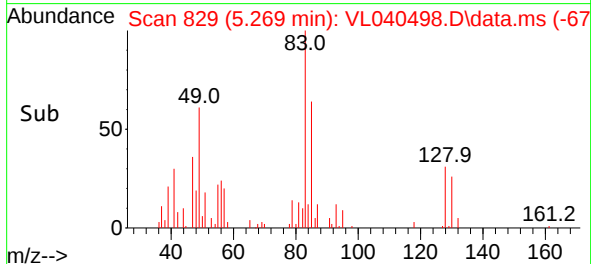
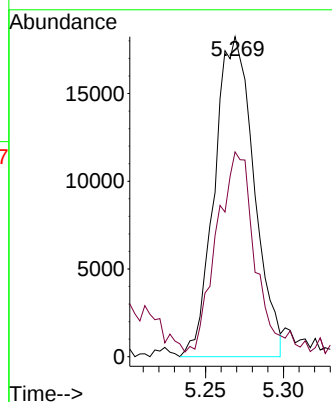
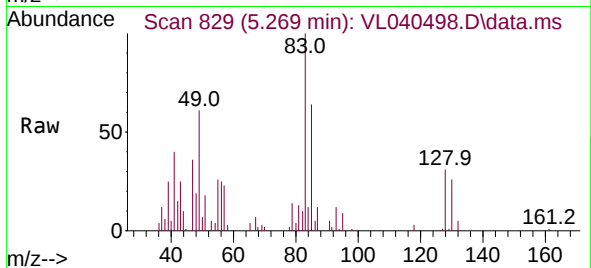




#29
Chloroform
Concen: 0.181 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

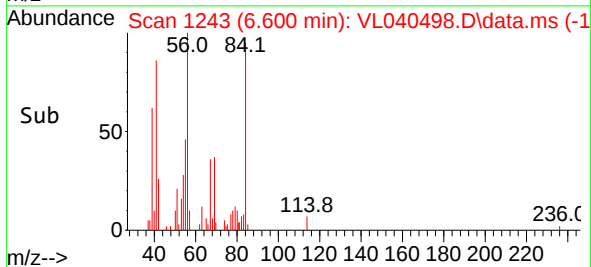
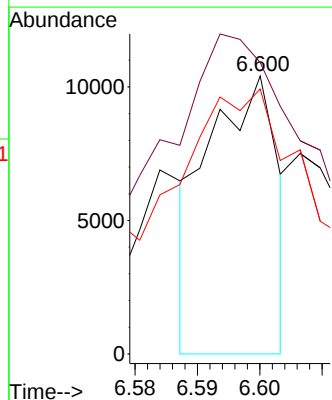
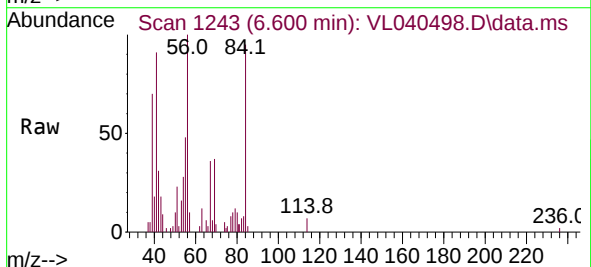
Instrument :
MSVOA_L
ClientSampleId :
SV-1

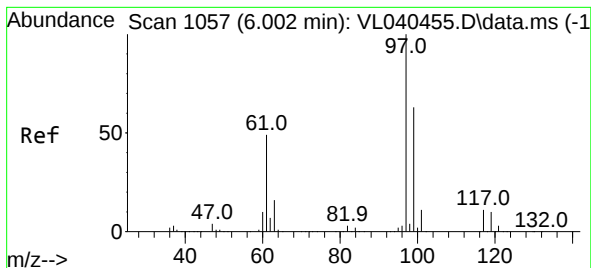
Tgt Ion: 83 Resp: 32157
Ion Ratio Lower Upper
83 100
85 60.0 51.1 76.7



#30
Cyclohexane
Concen: 0.096 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 84 Resp: 8032
Ion Ratio Lower Upper
84 100
56 282.6 106.0 159.0#
41 285.6 66.8 100.2#





#32

1,1,1-Trichloroethane

Concen: 0.086 ppbv

RT: 6.002 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL040498.D

Acq: 23 Jun 2023 8:15

Instrument :

MSVOA_L

ClientSampleId :

SV-1

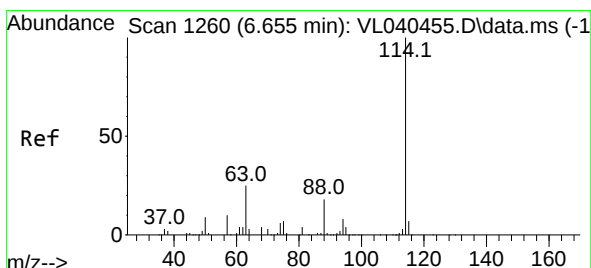
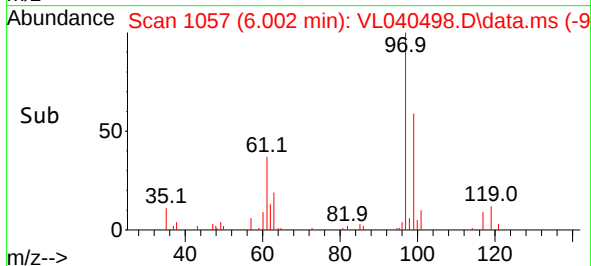
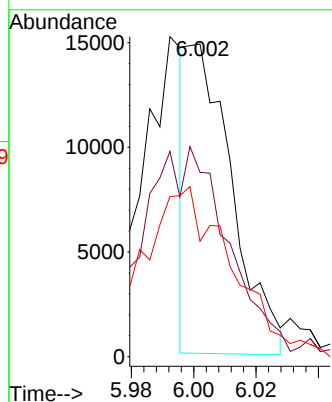
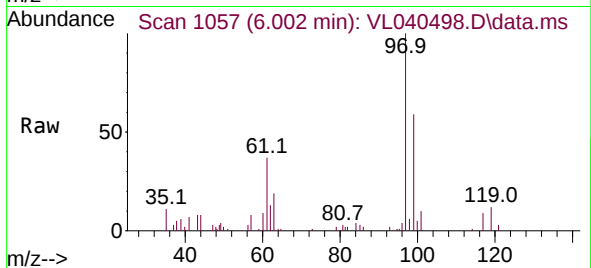
Tgt Ion: 97 Resp: 14990

Ion Ratio Lower Upper

97 100

99 134.1 51.5 77.3#

61 111.9 39.7 59.5#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.010 min

Lab File: VL040498.D

Acq: 23 Jun 2023 8:15

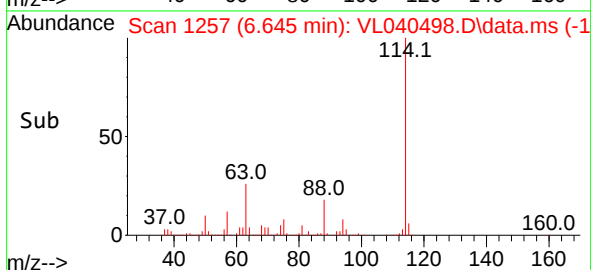
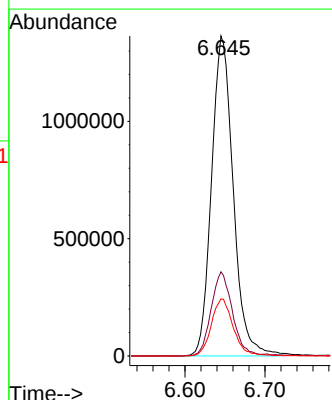
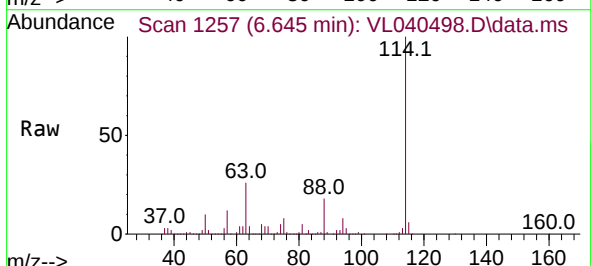
Tgt Ion: 114 Resp: 2569517

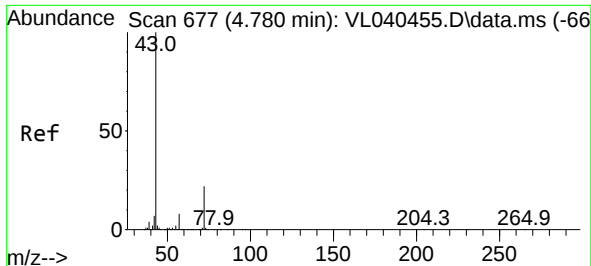
Ion Ratio Lower Upper

114 100

63 26.3 21.0 31.6

88 18.1 14.5 21.7

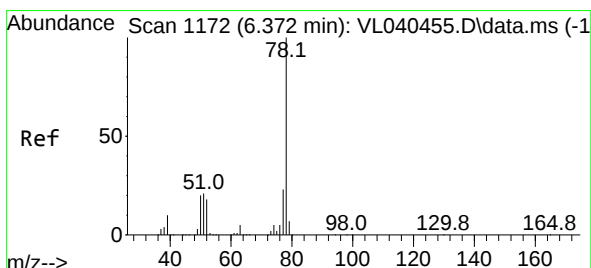
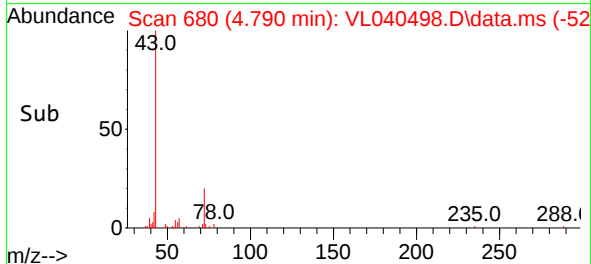
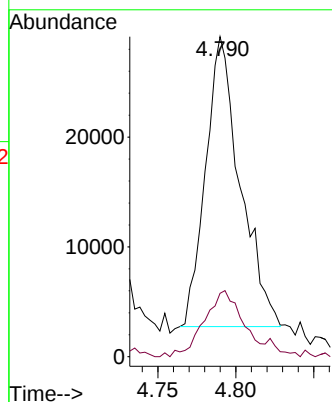
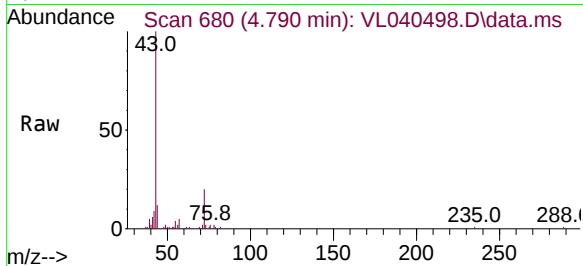




#34
2-Butanone
Concen: 0.329 ppbv
RT: 4.790 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

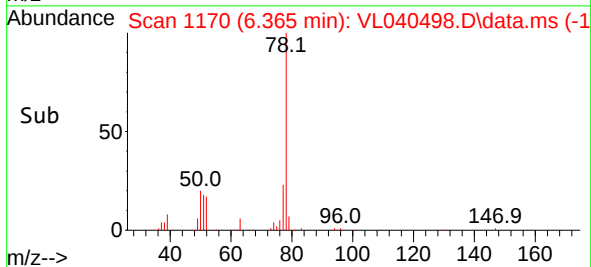
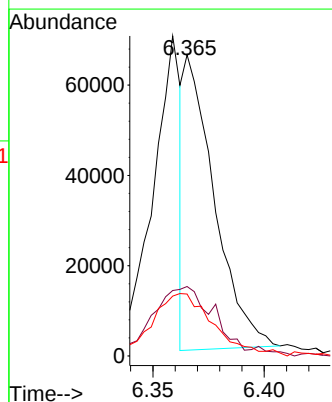
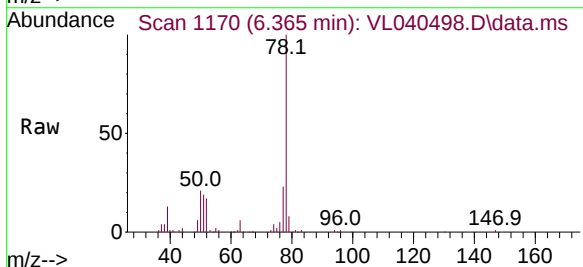
Instrument :
MSVOA_L
ClientSampleId :
SV-1

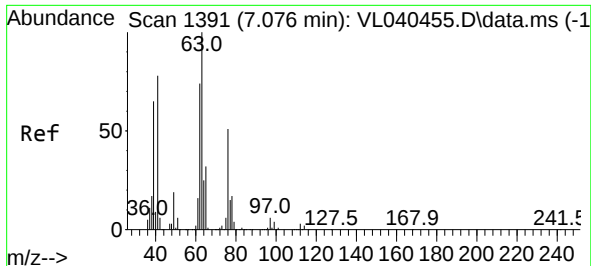
Tgt Ion: 43 Resp: 40751
Ion Ratio Lower Upper
43 100
72 27.9 18.1 27.1#



#36
Benzene
Concen: 0.301 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 78 Resp: 61565
Ion Ratio Lower Upper
78 100
77 22.4 18.5 27.7
50 20.3 16.1 24.1





#39

1,2-Dichloropropane

Concen: 8.369 ppbv

RT: 6.645 min Scan# 1

Delta R.T. -0.431 min

Lab File: VL040498.D

Acq: 23 Jun 2023 8:15

Instrument :

MSVOA_L

ClientSampleId :

SV-1

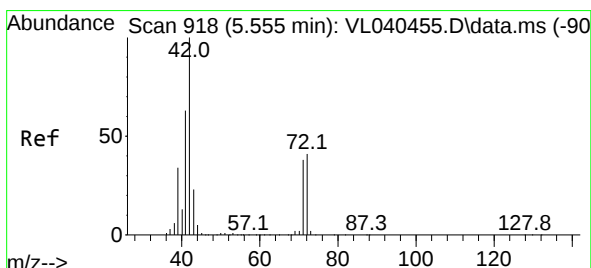
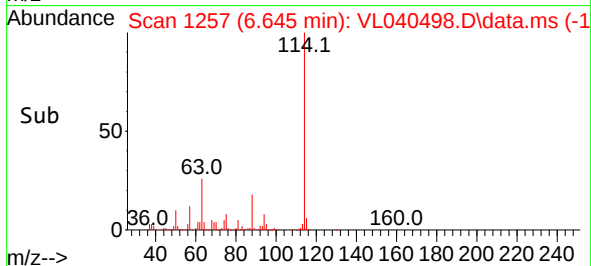
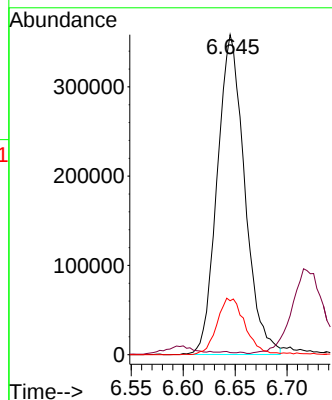
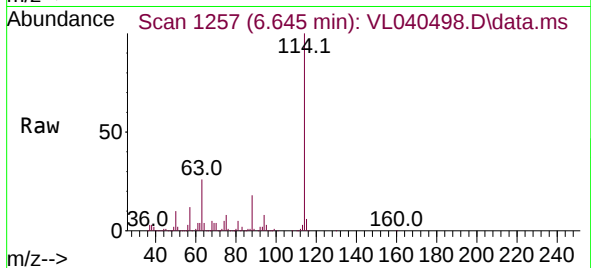
Tgt Ion: 63 Resp: 659404

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.2#

62 16.8 59.0 88.4#



#41

Tetrahydrofuran

Concen: 0.444 ppbv

RT: 5.819 min Scan# 1000

Delta R.T. 0.264 min

Lab File: VL040498.D

Acq: 23 Jun 2023 8:15

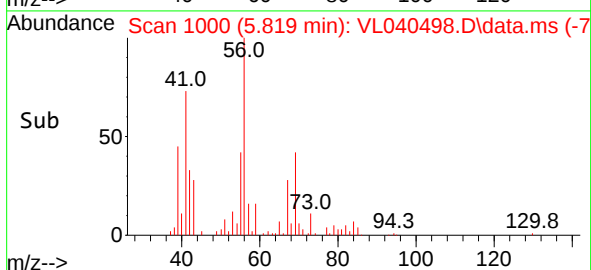
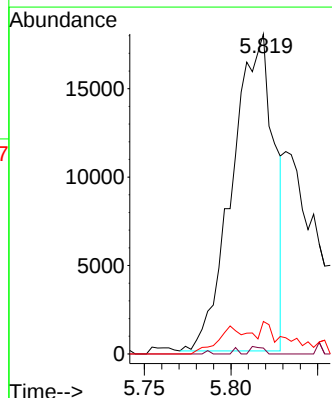
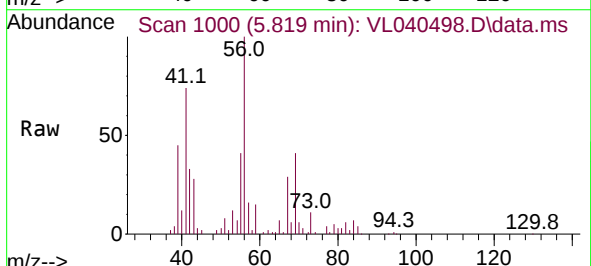
Tgt Ion: 42 Resp: 30073

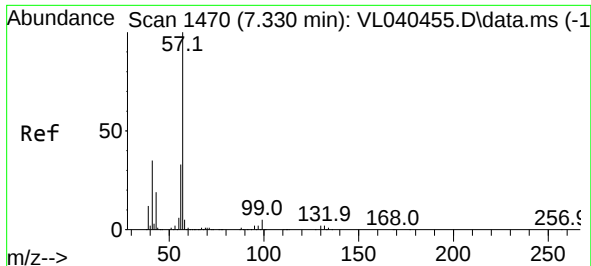
Ion Ratio Lower Upper

42 100

72 1.0 33.8 50.8#

71 14.5 32.3 48.5#

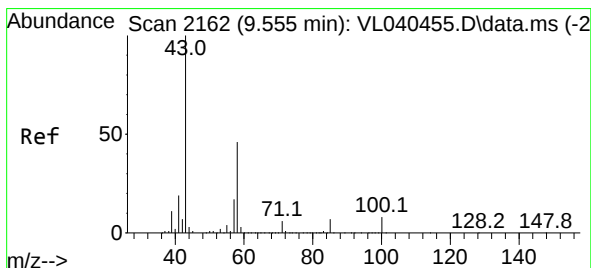
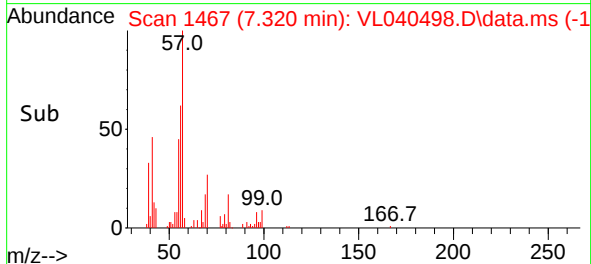
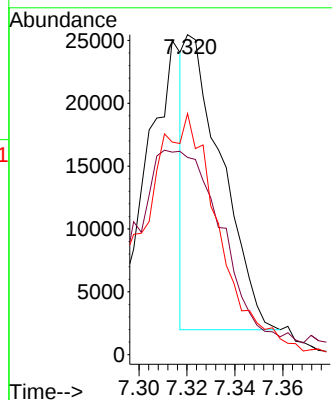
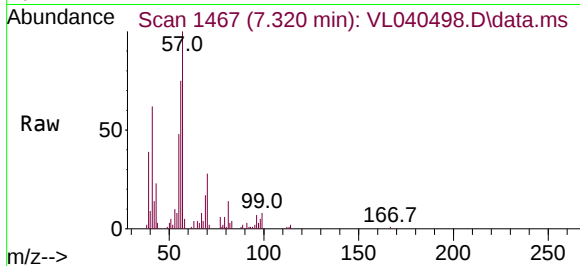




#44
2,2,4-Trimethylpentane
Concen: 0.075 ppbv
RT: 7.320 min Scan# 14
Delta R.T. -0.010 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

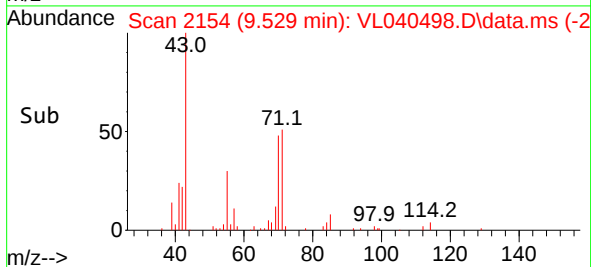
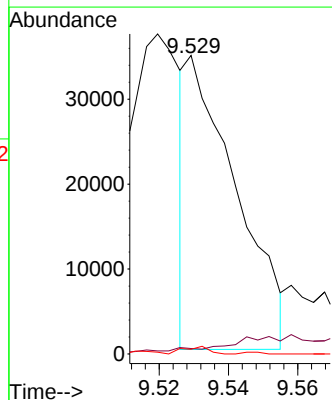
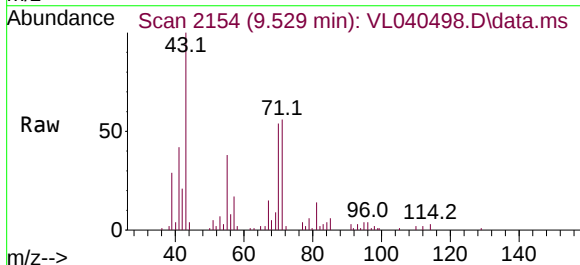
Instrument :
MSVOA_L
ClientSampleId :
SV-1

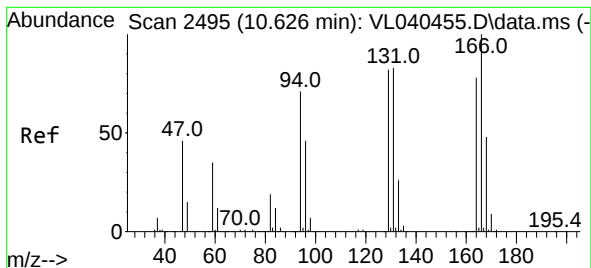
Tgt Ion: 57 Resp: 25118
Ion Ratio Lower Upper
57 100
41 169.5 27.8 41.8#
56 170.2 25.3 37.9#



#51
2-Hexanone
Concen: 0.299 ppbv
RT: 9.529 min Scan# 2154
Delta R.T. -0.026 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 43 Resp: 34471
Ion Ratio Lower Upper
43 100
58 0.0 37.1 55.7#
98 1.5 0.5 0.7#





#52

Tetrachloroethene

Concen: 0.177 ppbv

RT: 10.606 min Scan# 2495

Delta R.T. -0.019 min

Lab File: VL040498.D

Acq: 23 Jun 2023 8:15

Instrument :

MSVOA_L

ClientSampleId :

SV-1

Tgt Ion:164 Resp: 11381

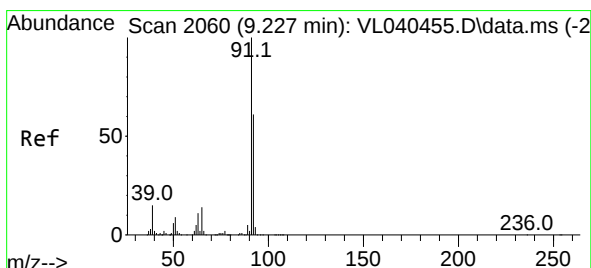
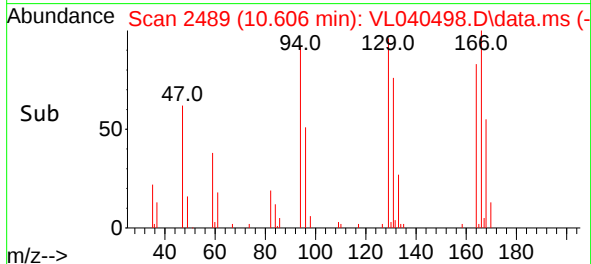
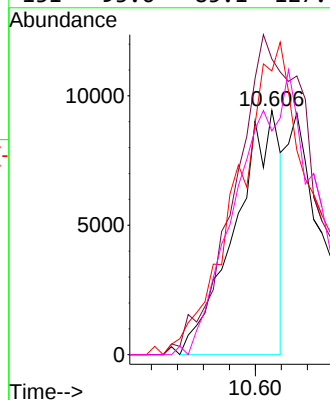
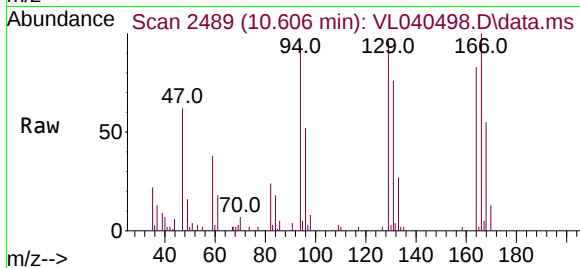
Ion Ratio Lower Upper

164 100

166 117.7 102.7 154.1

129 109.6 84.6 126.8

131 93.6 85.1 127.7



#53

Toluene

Concen: 2.156 ppbv

RT: 9.214 min Scan# 2056

Delta R.T. -0.013 min

Lab File: VL040498.D

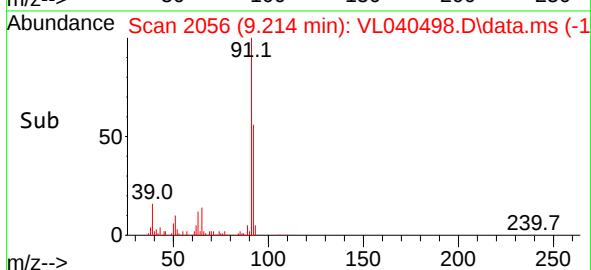
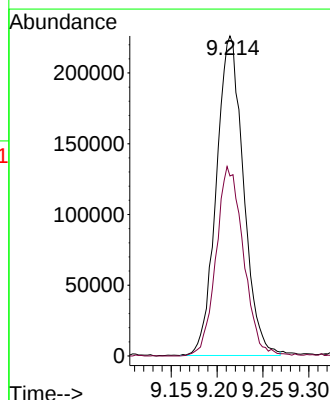
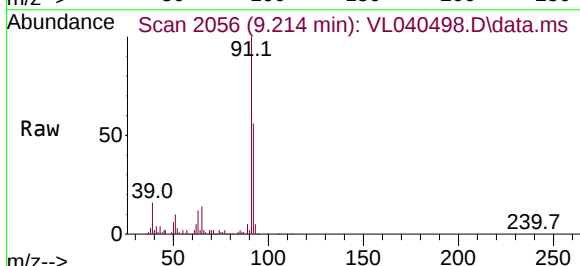
Acq: 23 Jun 2023 8:15

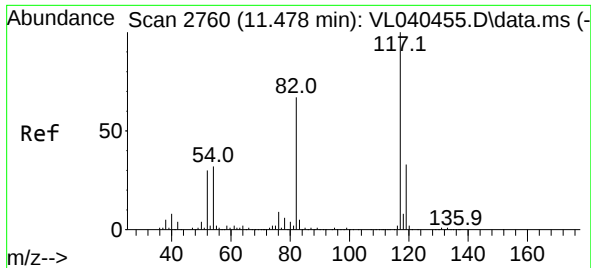
Tgt Ion: 91 Resp: 464033

Ion Ratio Lower Upper

91 100

92 60.1 49.1 73.7

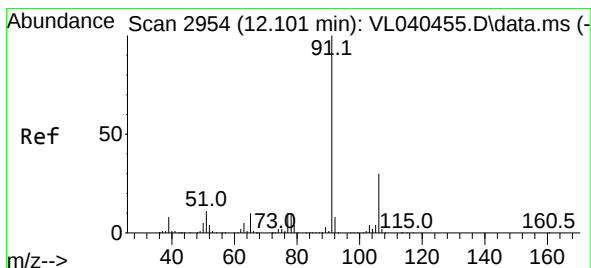
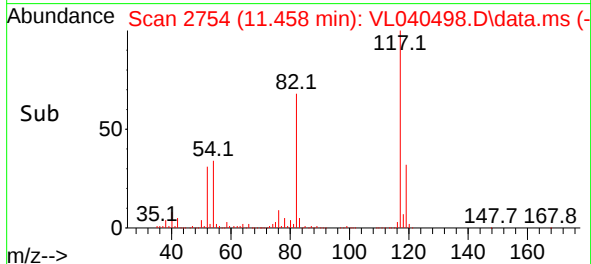
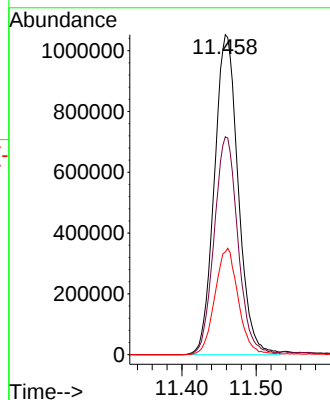
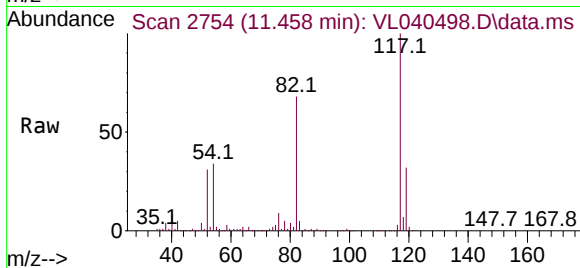




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

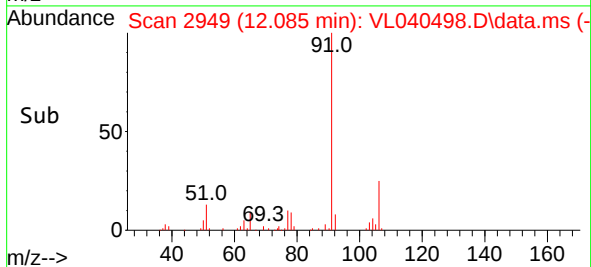
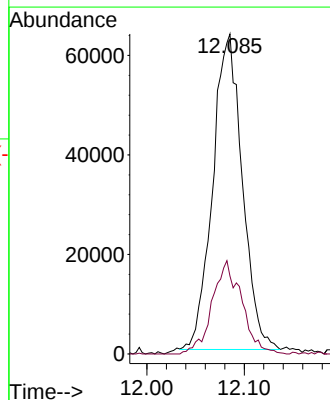
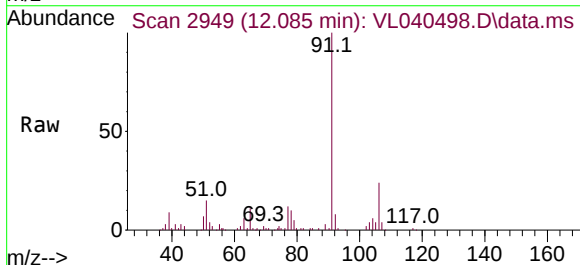
Instrument :
MSVOA_L
ClientSampleId :
SV-1

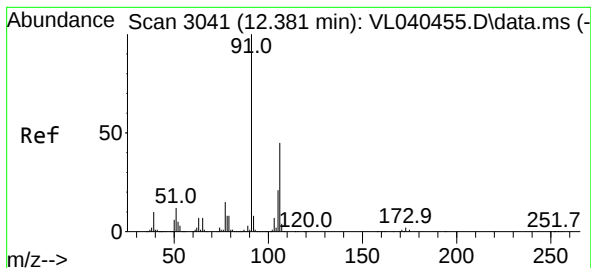
Tgt Ion:117 Resp: 2352749
Ion Ratio Lower Upper
117 100
82 69.2 53.0 79.4
119 32.8 24.4 36.6



#58
Ethyl Benzene
Concen: 0.470 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.016 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 91 Resp: 133875
Ion Ratio Lower Upper
91 100
106 24.7 23.7 35.5

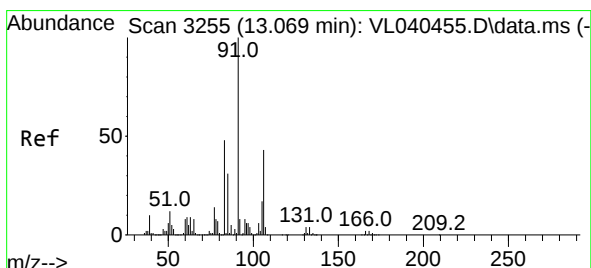
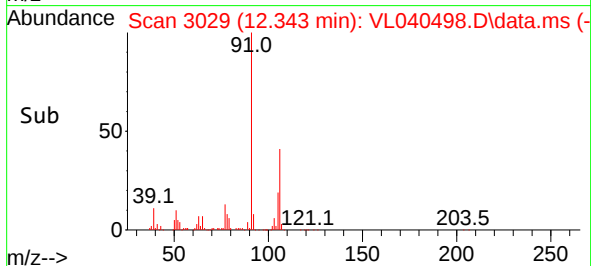
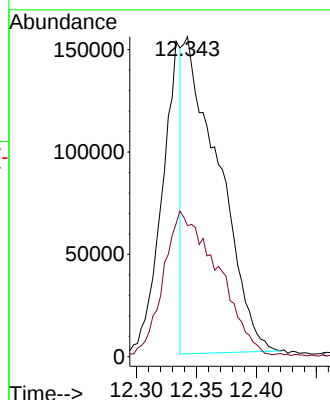
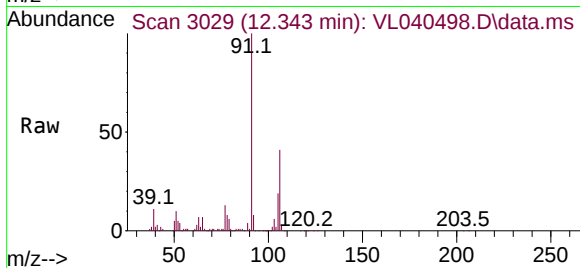




#59
m/p-Xylene
Concen: 1.229 ppbv
RT: 12.343 min Scan# 3041
Delta R.T. -0.039 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

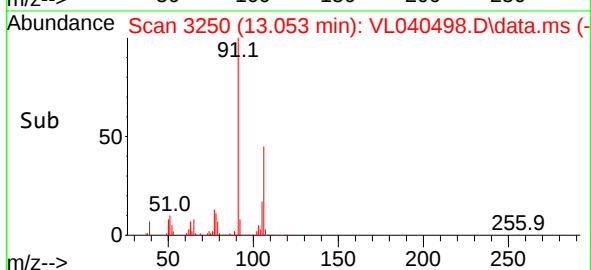
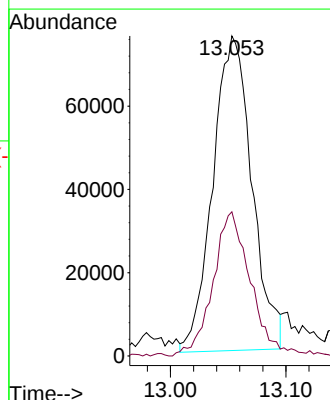
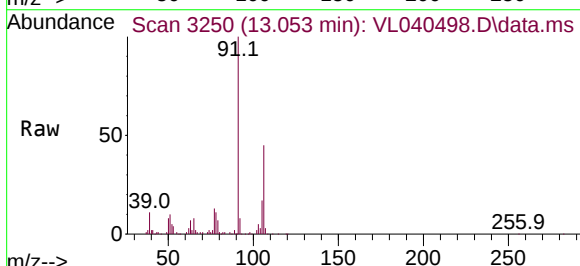
Instrument :
MSVOA_L
ClientSampleId :
SV-1

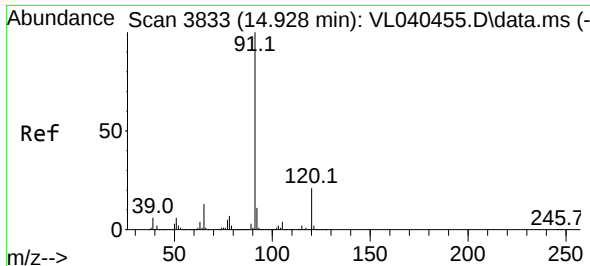
Tgt Ion: 91 Resp: 321976
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0#



#60
o-Xylene
Concen: 0.716 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.016 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 91 Resp: 177983
Ion Ratio Lower Upper
91 100
106 44.5 22.1 66.1

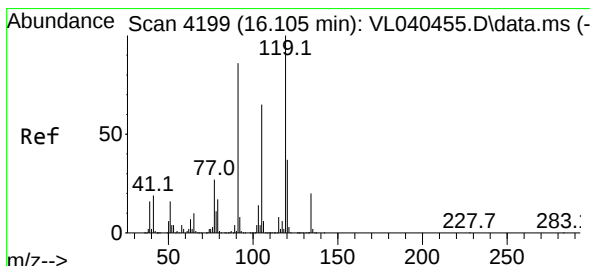
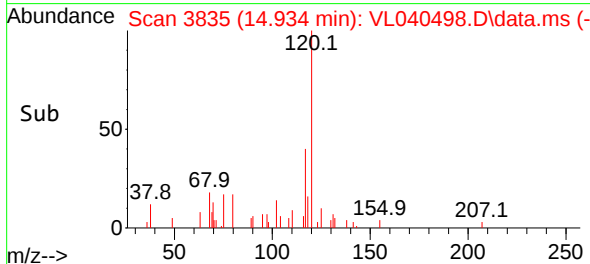
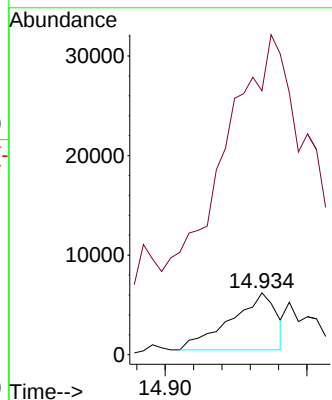
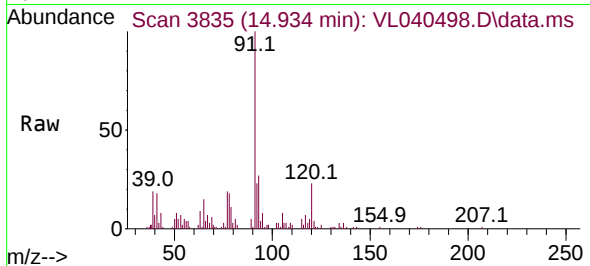




#64
n-propylbenzene
Concen: 0.069 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.006 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

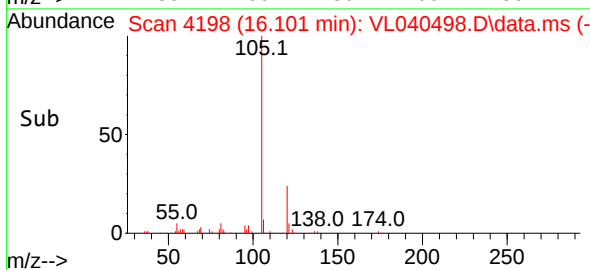
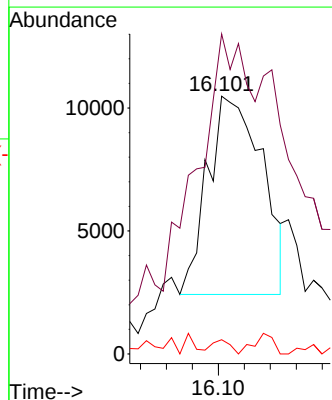
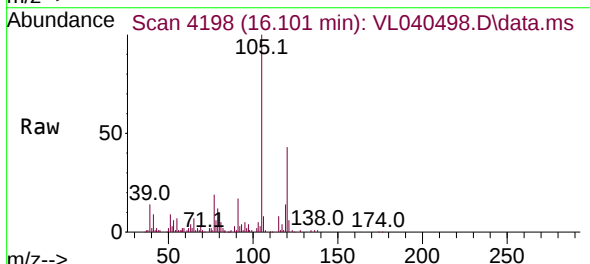
Instrument :
MSVOA_1
ClientSampleId :
SV-1

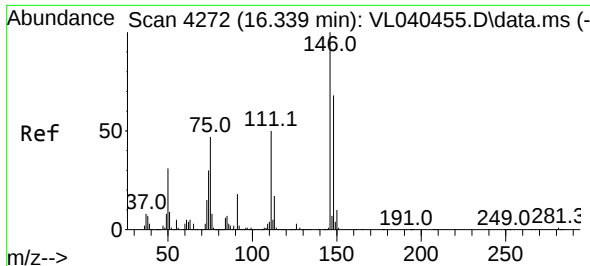
Tgt Ion:120 Resp: 6431
Ion Ratio Lower Upper
120 100
91 0.0 388.5 582.7#



#65
tert-Butylbenzene
Concen: 0.037 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.003 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion:119 Resp: 11763
Ion Ratio Lower Upper
119 100
91 0.0 70.5 105.7#
134 0.0 15.6 23.4#

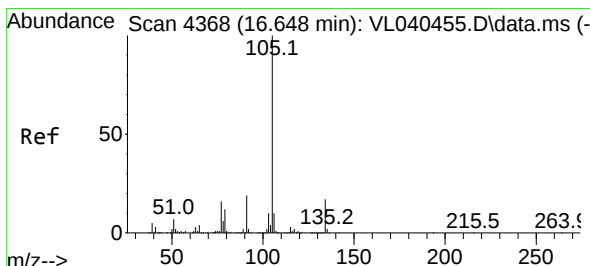
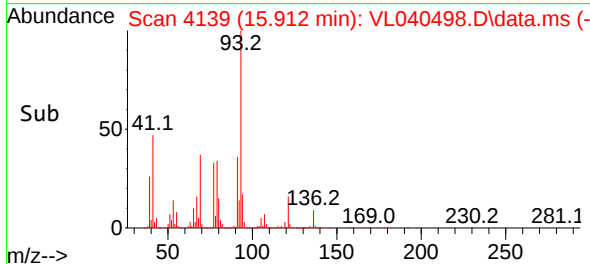
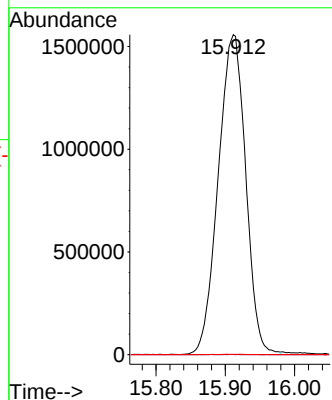
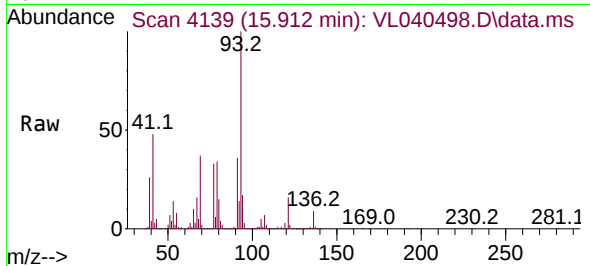




#66
Benzyl Chloride
Concen: 175.355 ppbv
RT: 15.912 min Scan# 4139
Delta R.T. -0.428 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

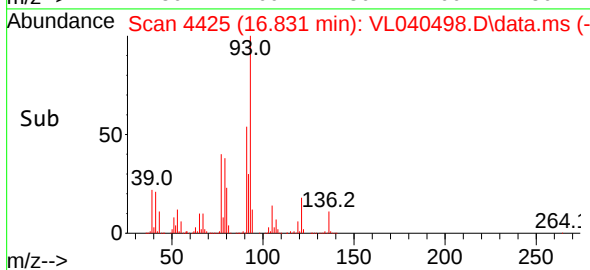
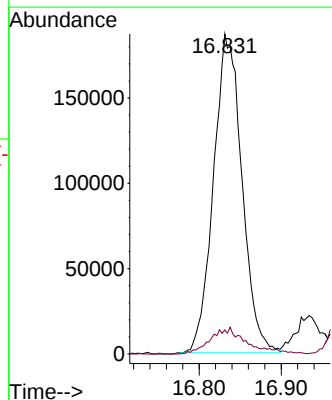
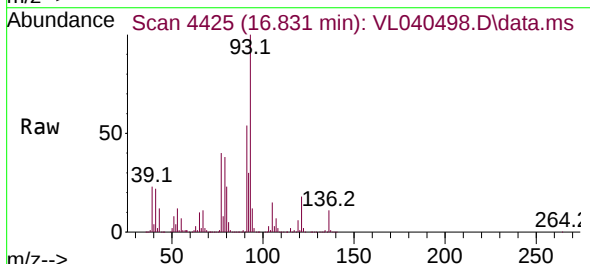
Instrument :
MSVOA_L
ClientSampleId :
SV-1

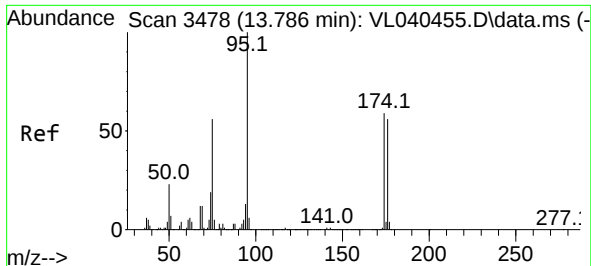
Tgt Ion: 91 Resp: 4282505
Ion Ratio Lower Upper
91 100
126 0.0 13.2 19.8#
128 0.2 4.6 6.8#



#67
sec-Butylbenzene
Concen: 0.975 ppbv
RT: 16.831 min Scan# 4425
Delta R.T. 0.183 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 105 Resp: 450681
Ion Ratio Lower Upper
105 100
134 10.5 14.0 21.0#

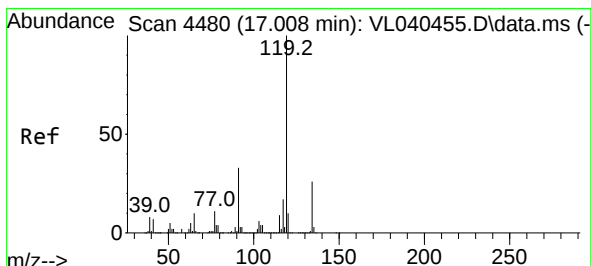
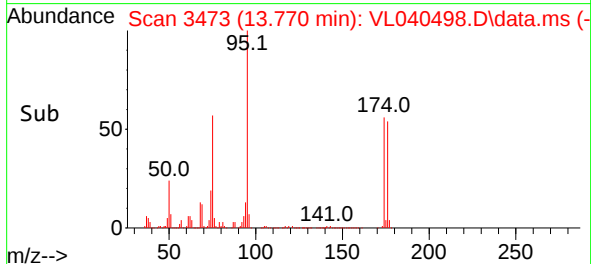
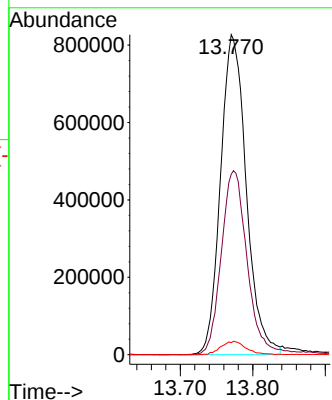
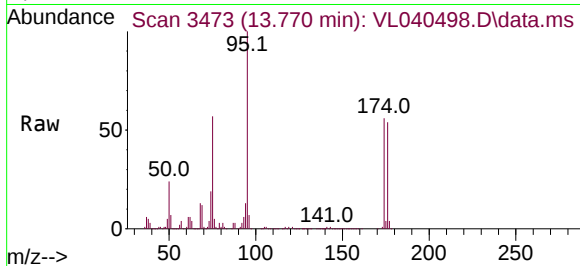




#68
1-Bromo-4-Fluorobenzene
Concen: 10.485 ppbv
RT: 13.770 min Scan# 3478
Delta R.T. -0.016 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

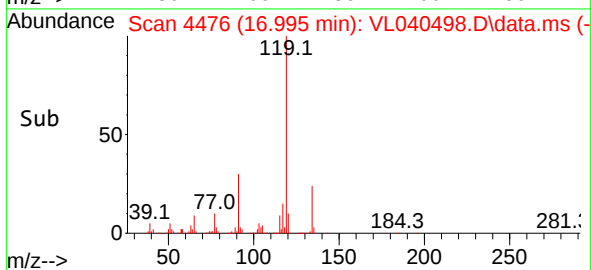
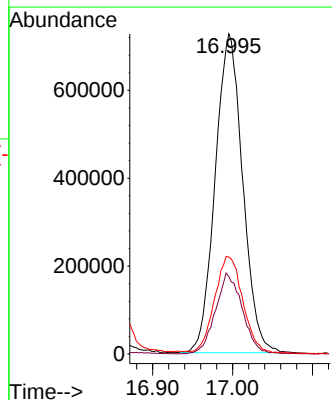
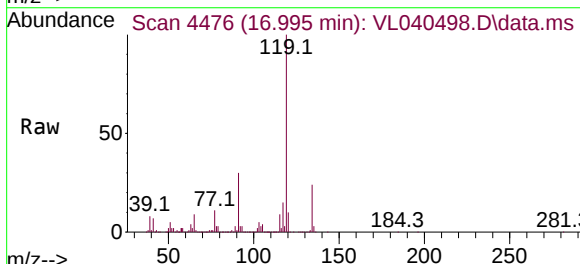
Instrument :
MSVOA_L
ClientSampleId :
SV-1

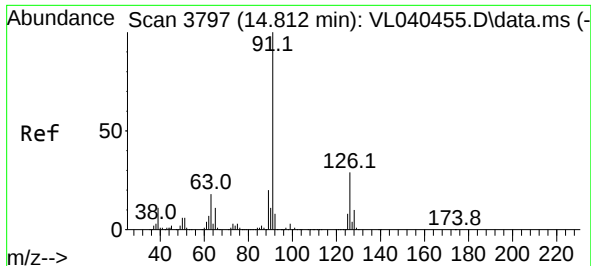
Tgt Ion: 95 Resp: 2035903
Ion Ratio Lower Upper
95 100
174 58.8 47.7 71.5
175 4.2 3.5 5.3



#69
p-Isopropyltoluene
Concen: 4.707 ppbv
RT: 16.995 min Scan# 4476
Delta R.T. -0.013 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion: 119 Resp: 1728500
Ion Ratio Lower Upper
119 100
134 24.9 20.3 30.5
91 32.1 25.5 38.3

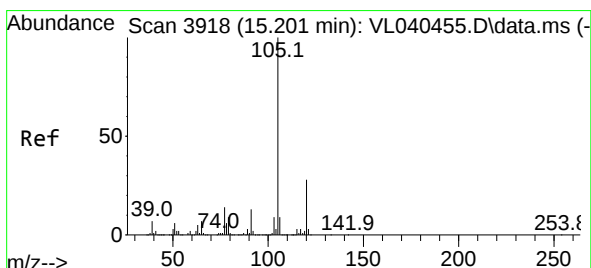
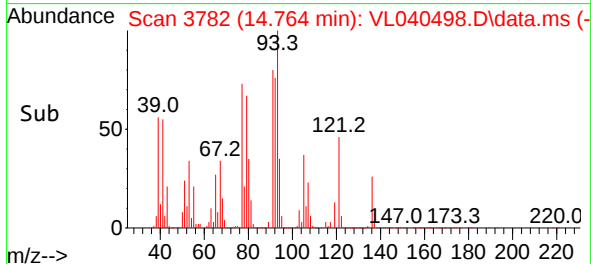
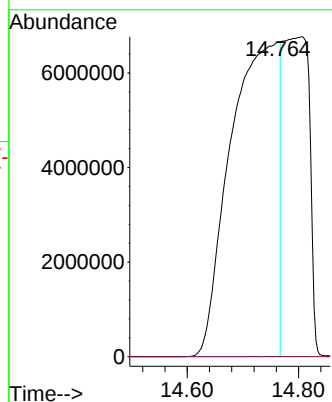
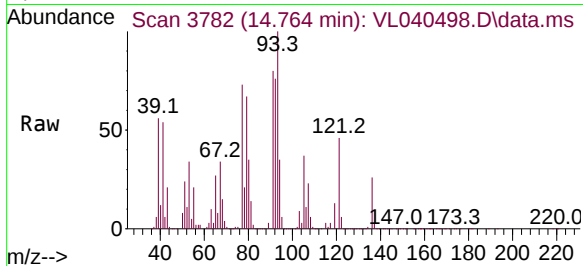




#71
2-Chlorotoluene
Concen: 146.386 ppbv
RT: 14.764 min Scan# 31
Delta R.T. -0.048 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

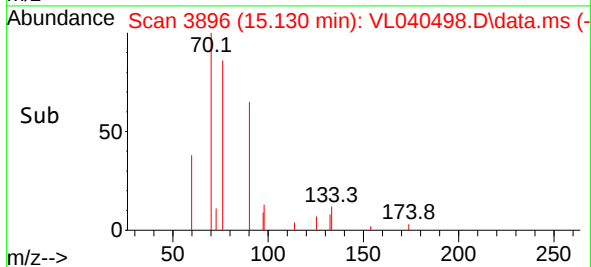
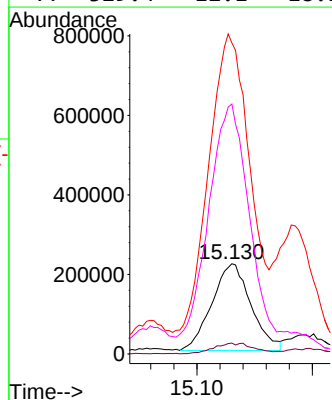
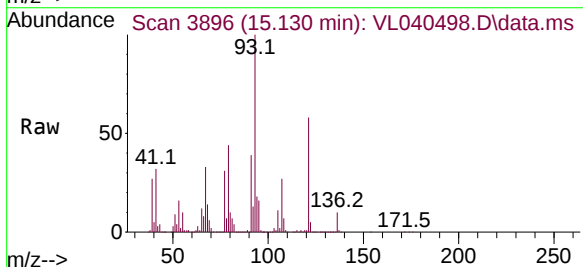
Instrument :
MSVOA_L
ClientSampleId :
SV-1

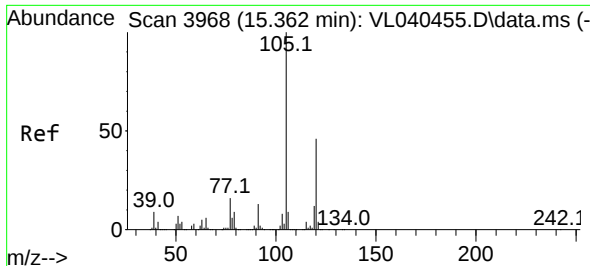
Tgt Ion: 91 Resp:40152125
Ion Ratio Lower Upper
91 100
126 0.0 12.0 48.2#



#72
4-Ethyltoluene
Concen: 1.834 ppbv
RT: 15.130 min Scan# 3896
Delta R.T. -0.071 min
Lab File: VL040498.D
Acq: 23 Jun 2023 8:15

Tgt Ion:105 Resp: 513187
Ion Ratio Lower Upper
105 100
120 13.8 23.4 35.0#
91 377.8 11.1 16.7#
77 329.4 12.1 18.1#

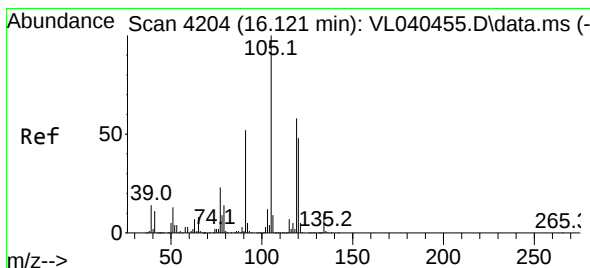
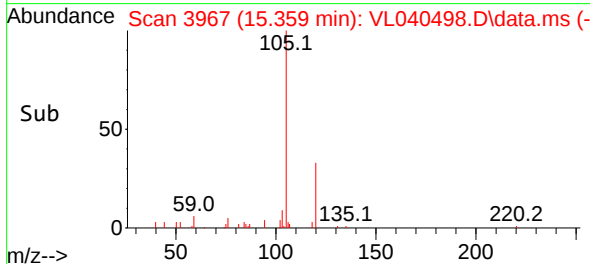
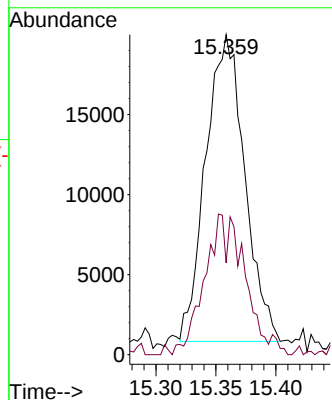
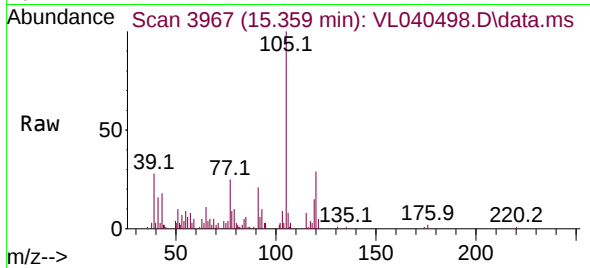




#73
 1,3,5-Trimethylbenzene
 Concen: 0.175 ppbv
 RT: 15.359 min Scan# 3967
 Delta R.T. -0.003 min
 Lab File: VL040498.D
 Acq: 23 Jun 2023 8:15

Instrument :
 MSVOA_1
 ClientSampleId :
 SV-1

Tgt Ion:105 Resp: 43289
 Ion Ratio Lower Upper
 105 100
 120 26.8 36.4 54.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.686 ppbv
 RT: 16.108 min Scan# 4200
 Delta R.T. -0.013 min
 Lab File: VL040498.D
 Acq: 23 Jun 2023 8:15

Tgt Ion:105 Resp: 199616
 Ion Ratio Lower Upper
 105 100
 120 39.1 38.4 57.6
 91 10.3 41.3 61.9#
 77 12.9 18.6 28.0#

