

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051425\
 Data File : VL042540.D
 Acq On : 14 May 2025 13:12
 Operator : SY/MD
 Sample : Q2011-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: May 15 01:34:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue May 13 02:07:03 2025
 Response via : Initial Calibration

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

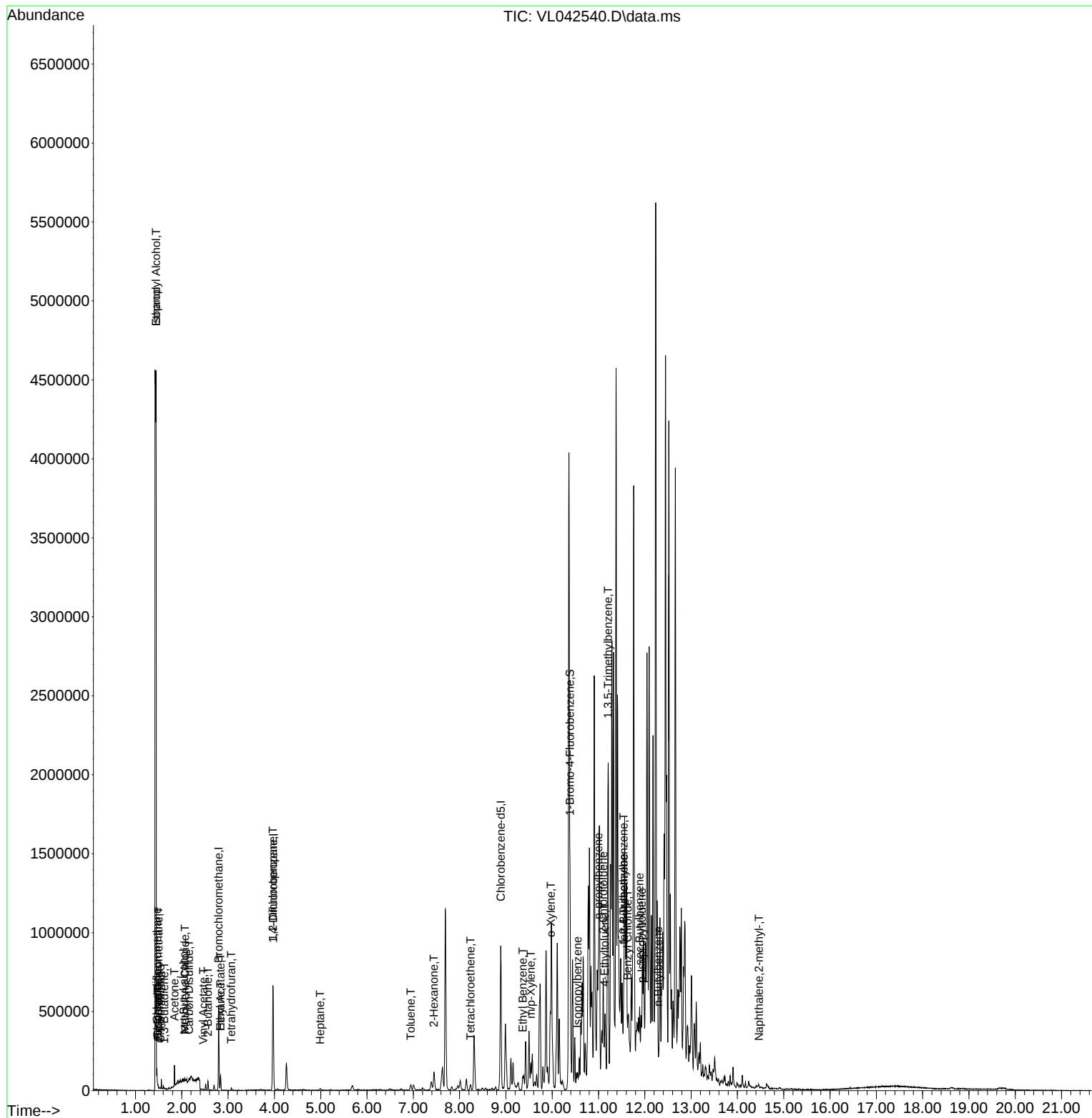
Internal Standards						
1) Bromochloromethane	2.797	49	130590	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.972	114	371118	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.888	117	351568	10.000	ppbv	0.02

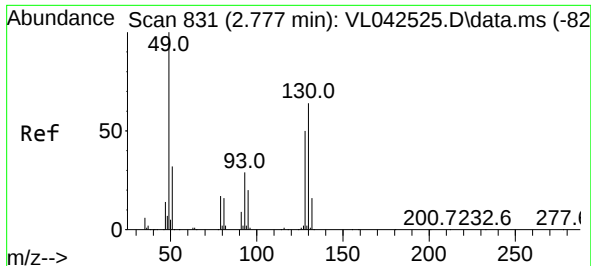
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	304412	9.951	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	2743	0.129	ppbv #	87
3) Chlorodifluoromethane	1.463	51	2530	0.117	ppbv #	64
4) Chloromethane	1.535	50	350	0.040	ppbv #	60
7) Chloroethane	1.476	64	570	0.163	ppbv #	43
9) Propene	1.483	41	2302	0.491	ppbv #	1
10) Heptane	4.988	43	1649	0.092	ppbv #	9
13) Ethanol	1.444	45	145688	115.574	ppbv #	1
15) Acetone	1.842	43	56491	2.684	ppbv	94
16) 1,3-Butadiene	1.619	39	493	0.053	ppbv #	13
17) tert-Butyl alcohol	2.046	59	1050	0.054	ppbv #	88
19) Isopropyl Alcohol	1.444	45	145688	12.852	ppbv #	95
20) Methylene Chloride	2.069	84	1934	0.266	ppbv #	79
23) Vinyl Acetate	2.463	43	1791	0.082	ppbv #	80
25) Ethyl Acetate	2.836	43	13812	0.377	ppbv #	78
26) Hexane	2.836	57	19490	1.296	ppbv #	36
27) Carbon Disulfide	2.156	76	1402	0.072	ppbv #	50
34) 2-Butanone	2.564	43	34360	1.405	ppbv	99
39) 1,2-Dichloropropane	3.968	63	98661	8.054	ppbv #	15
41) Tetrahydrofuran	3.069	42	2242	0.212	ppbv #	36
51) 2-Hexanone	7.445	43	64885	3.036	ppbv #	99
52) Tetrachloroethene	8.234	164	2541	0.202	ppbv	90
53) Toluene	6.943	91	24657	0.764	ppbv	98
58) Ethyl Benzene	9.361	91	33945	0.708	ppbv	89
59) m/p-Xylene	9.539	91	92047	2.163	ppbv #	100
60) o-Xylene	9.972	91	59983	1.443	ppbv	97
62) Isopropylbenzene	10.549	105	26923	0.430	ppbv	99
64) n-propylbenzene	10.995	120	19646	1.236	ppbv	86
65) tert-Butylbenzene	11.542	119	19738	0.343	ppbv #	45
66) Benzyl Chloride	11.630	91	760	0.100	ppbv #	1
67) sec-Butylbenzene	11.885	105	56177	0.682	ppbv	98
69) p-Isopropyltoluene	11.931	119	29161	0.430	ppbv	94
70) n-Butylbenzene	12.290	91	11775	0.176	ppbv #	74
71) 2-Chlorotoluene	11.102	91	20795	0.439	ppbv	87
72) 4-Ethyltoluene	11.131	105	55381	1.074	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.209	105	64408	1.434	ppbv	96
74) 1,2,4-Trimethylbenzene	11.542	105	157948	2.859	ppbv #	62
80) Naphthalene,2-methyl-	14.465	142	680	0.031	ppbv #	19

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

Quant Time: May 15 01:34:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue May 13 02:07:03 2025
Response via : Initial Calibration

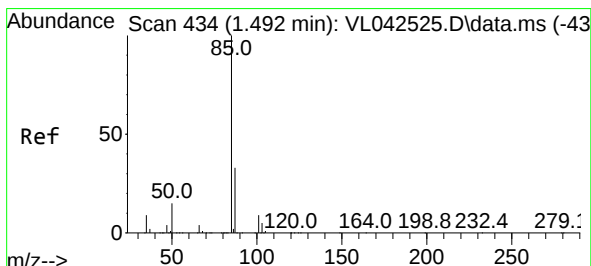
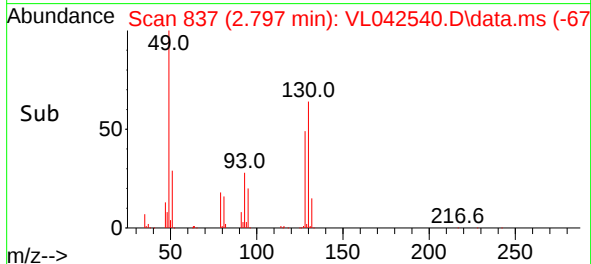
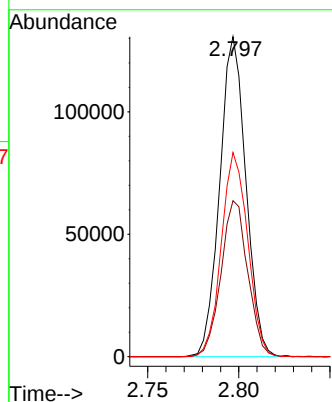
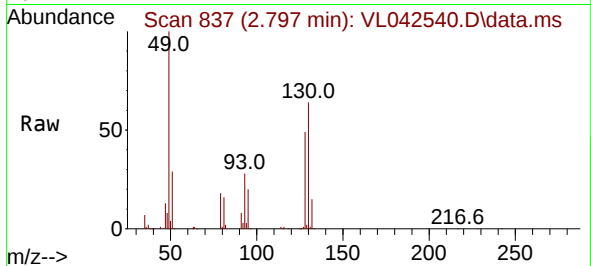




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.020 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

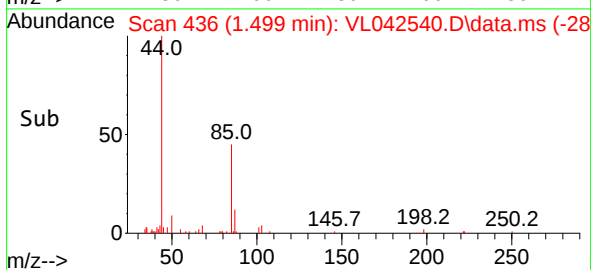
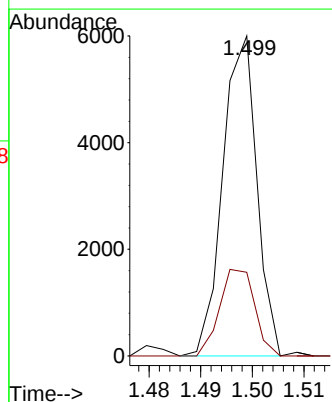
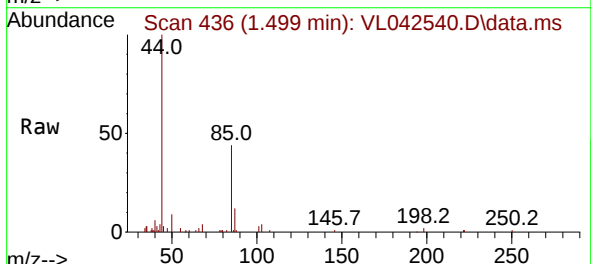
Instrument :
MSVOA_L
ClientSampleId :
SV1

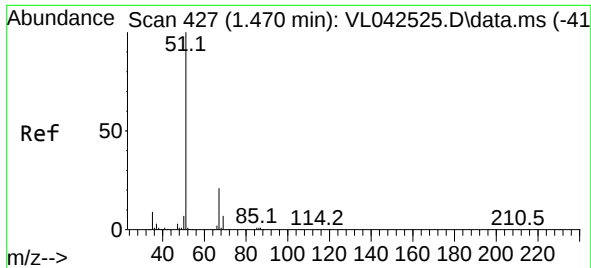
Tgt Ion: 49 Resp: 130590
Ion Ratio Lower Upper
49 100
128 49.8 24.9 74.6
130 64.2 32.5 97.5



#2
Dichlorodifluoromethane
Concen: 0.129 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.006 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion: 85 Resp: 2743
Ion Ratio Lower Upper
85 100
87 26.2 26.8 40.2#

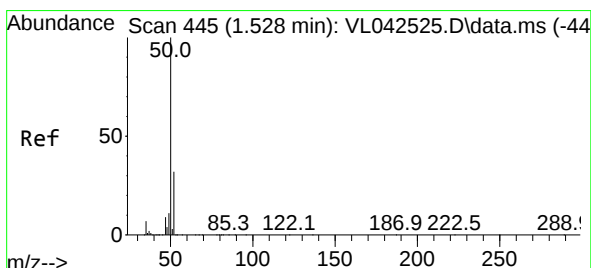
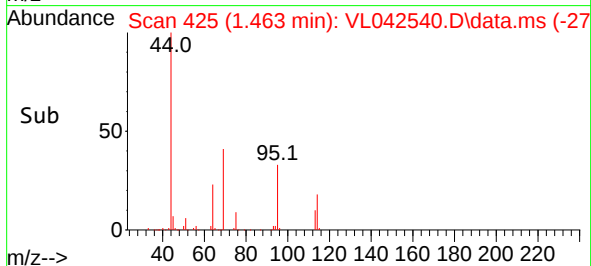
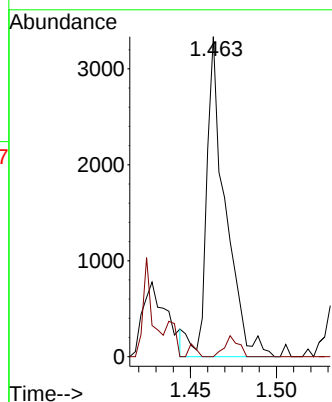
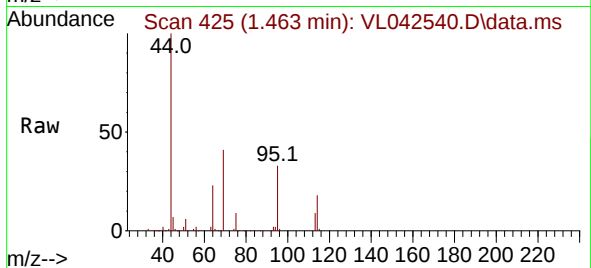




#3
Chlorodifluoromethane
Concen: 0.117 ppbv
RT: 1.463 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

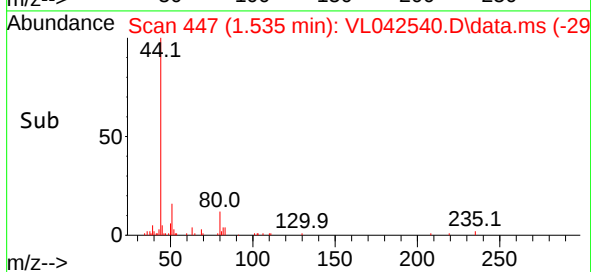
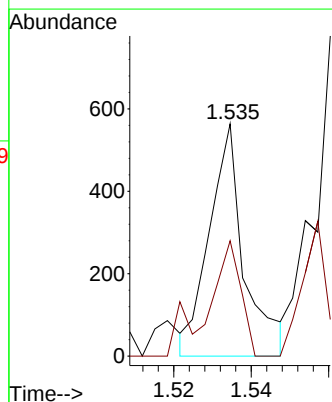
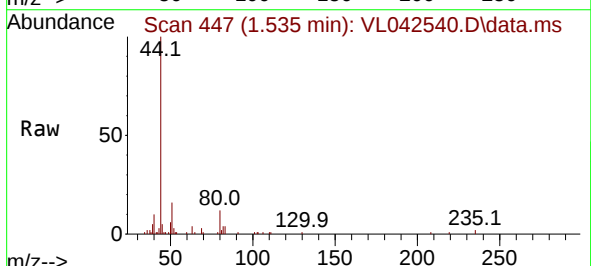
Instrument :
MSVOA_L
ClientSampleId :
SV1

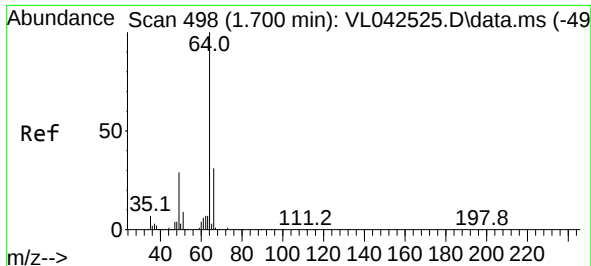
Tgt Ion: 51 Resp: 2530
Ion Ratio Lower Upper
51 100
67 4.8 17.4 26.0#



#4
Chloromethane
Concen: 0.040 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.006 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion: 50 Resp: 350
Ion Ratio Lower Upper
50 100
52 55.0 25.9 38.9#

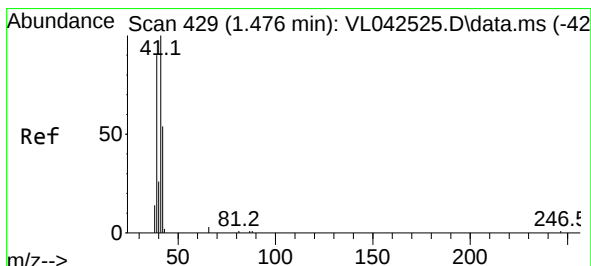
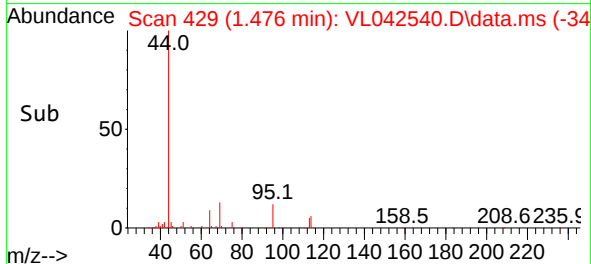
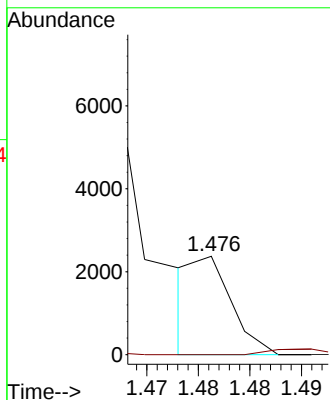
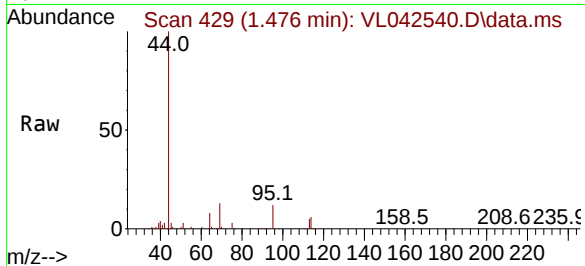




#7
Chloroethane
Concen: 0.163 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.223 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

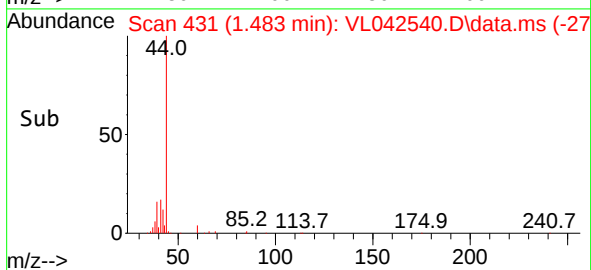
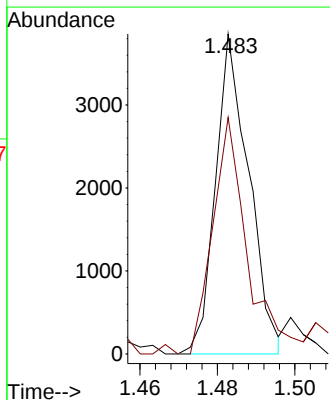
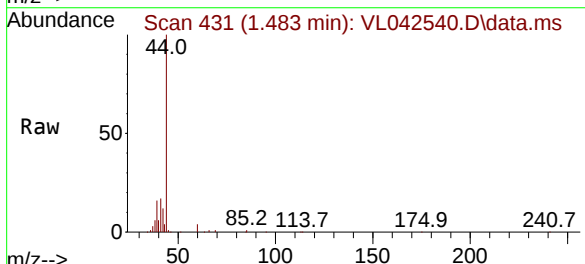
Instrument :
MSVOA_L
ClientSampleId :
SV1

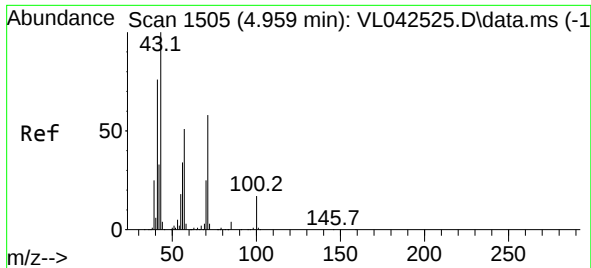
Tgt Ion: 64 Resp: 570
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
Propene
Concen: 0.491 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.006 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion: 41 Resp: 2302
Ion Ratio Lower Upper
41 100
42 84.7 4.1 6.1#

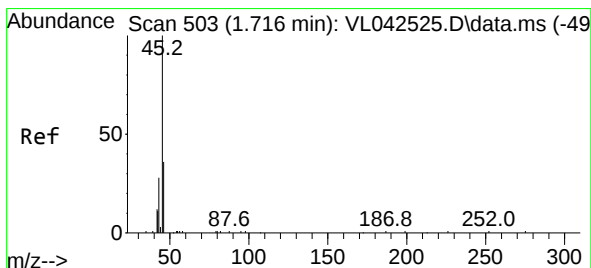
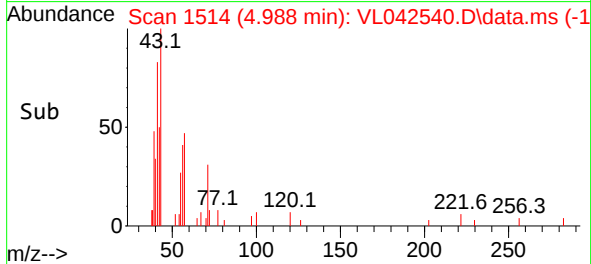
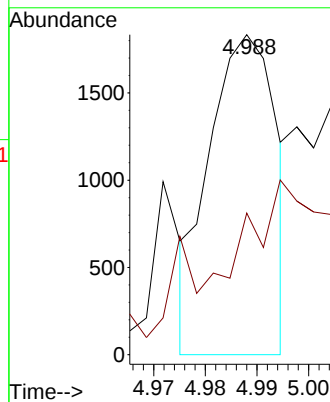
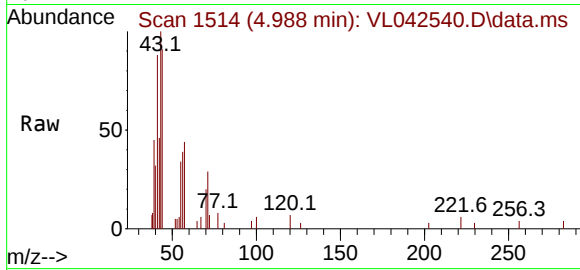




#10
Heptane
Concen: 0.092 ppbv
RT: 4.988 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

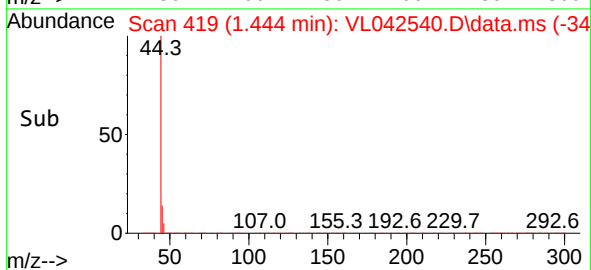
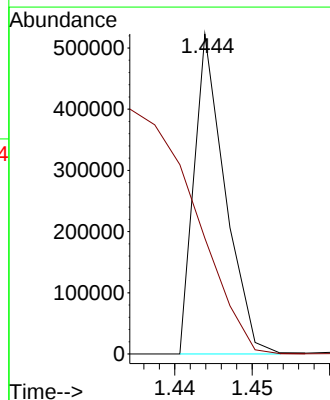
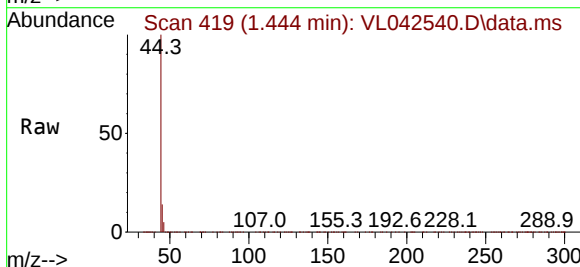
Instrument :
MSVOA_L
ClientSampleId :
SV1

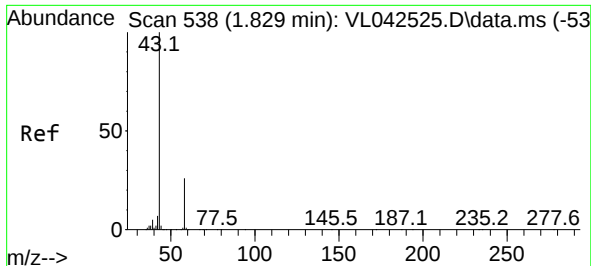
Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
57 117.1 42.1 63.1#



#13
Ethanol
Concen: 115.574 ppbv
RT: 1.444 min Scan# 419
Delta R.T. -0.272 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion: 45 Resp: 145688
Ion Ratio Lower Upper
45 100
46 387.8 14.8 59.4#

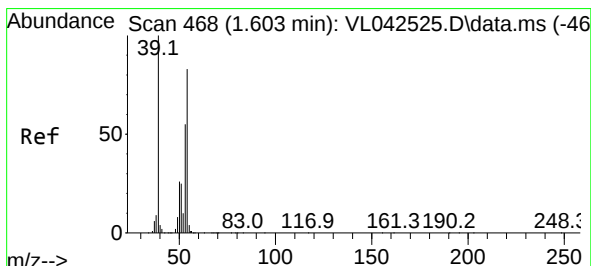
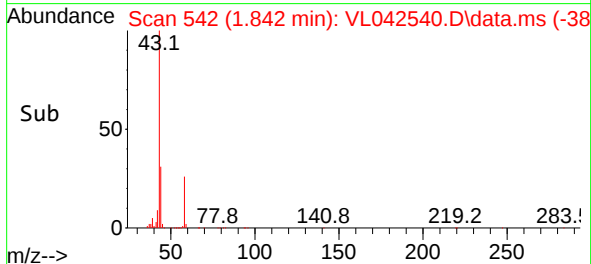
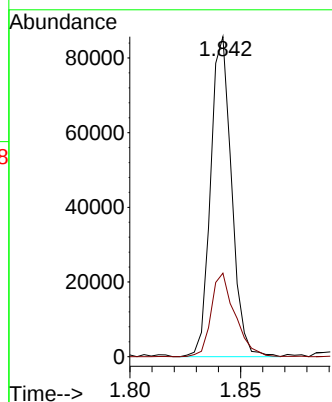
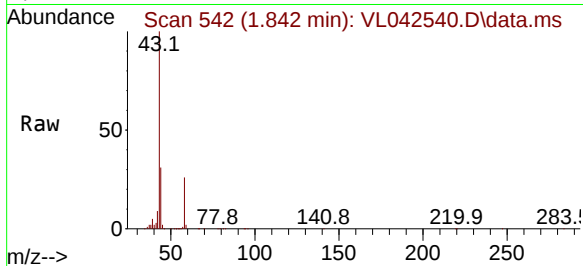




#15
Acetone
Concen: 2.684 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.013 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

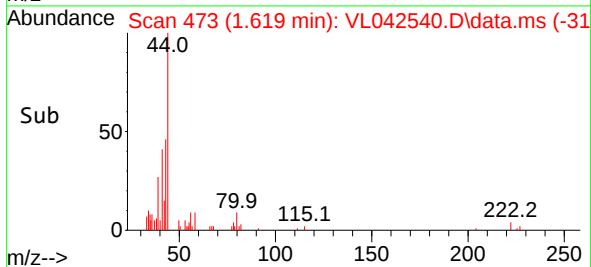
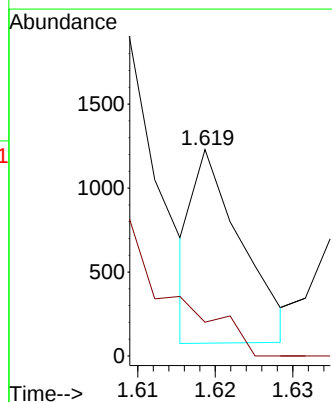
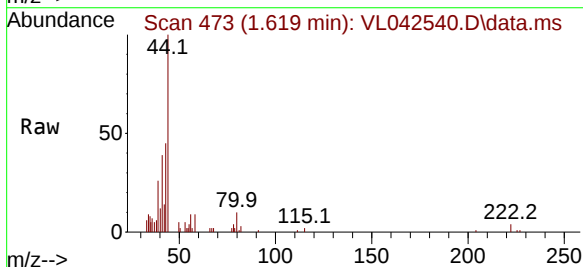
Instrument :
MSVOA_L
ClientSampleId :
SV1

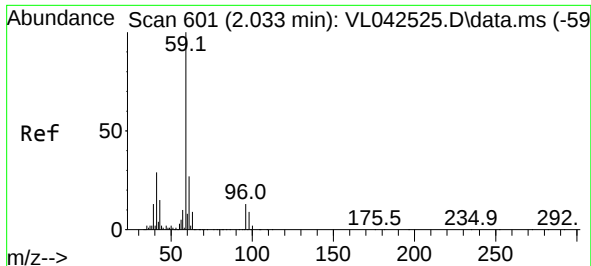
Tgt Ion: 43 Resp: 56491
Ion Ratio Lower Upper
43 100
58 29.7 21.3 31.9



#16
1,3-Butadiene
Concen: 0.053 ppbv
RT: 1.619 min Scan# 473
Delta R.T. 0.016 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion: 39 Resp: 493
Ion Ratio Lower Upper
39 100
54 0.0 57.8 86.6#





#17

tert-Butyl alcohol

Concen: 0.054 ppbv

RT: 2.046 min Scan# 601

Delta R.T. 0.013 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

Instrument :

MSVOA_1

ClientSampleId :

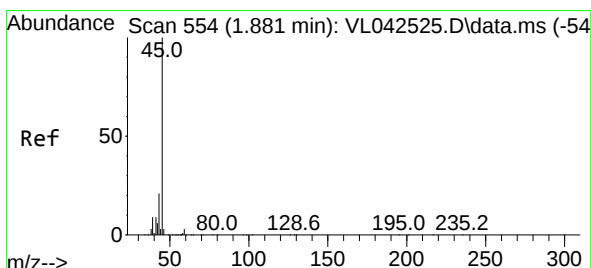
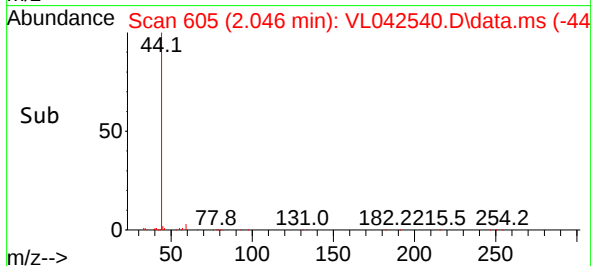
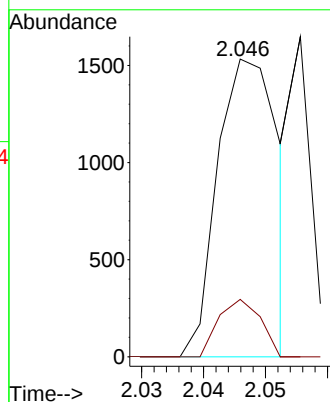
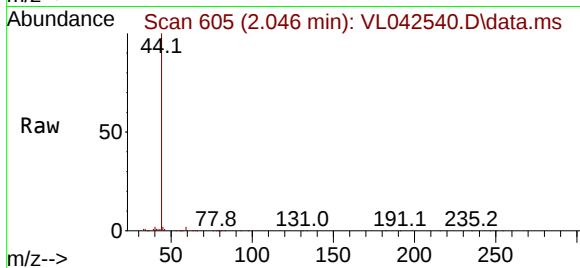
SV1

Tgt Ion: 59 Resp: 1050

Ion Ratio Lower Upper

59 100

57 14.8 8.2 12.4#



#19

Isopropyl Alcohol

Concen: 12.852 ppbv

RT: 1.444 min Scan# 419

Delta R.T. -0.437 min

Lab File: VL042540.D

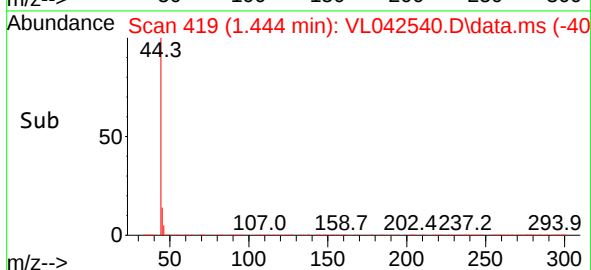
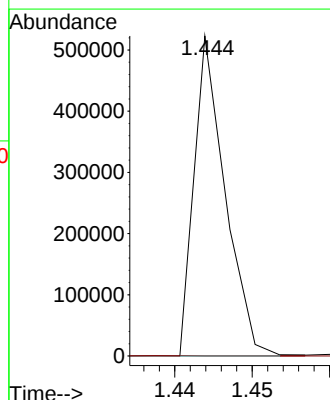
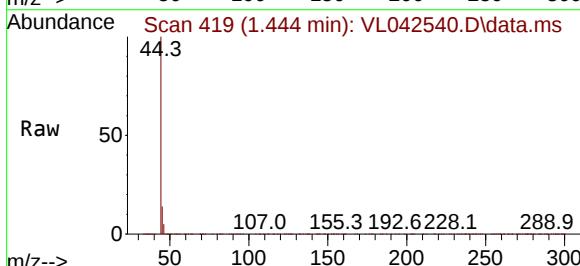
Acq: 14 May 2025 13:12

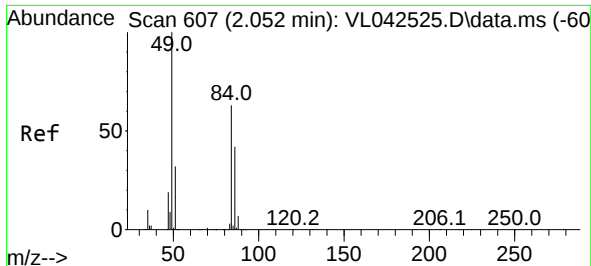
Tgt Ion: 45 Resp: 145688

Ion Ratio Lower Upper

45 100

58 0.0 1.5 2.3#





#20

Methylene Chloride

Concen: 0.266 ppbv

RT: 2.069 min Scan# 612

Delta R.T. 0.016 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tgt Ion: 84 Resp: 1934

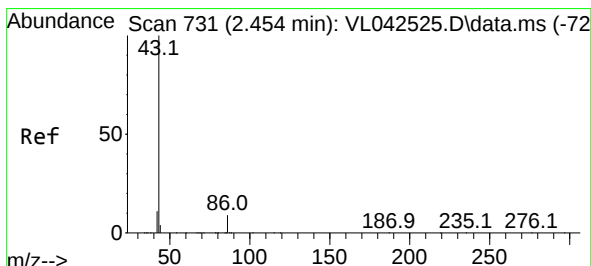
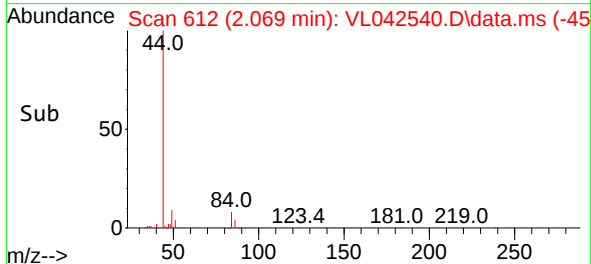
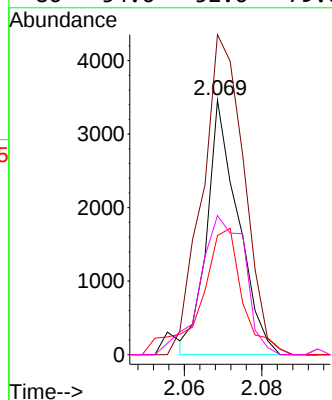
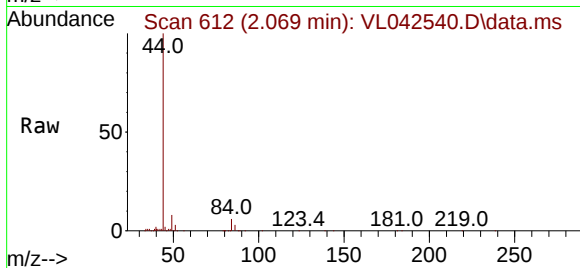
Ion Ratio Lower Upper

84 100

49 123.6 128.2 192.4#

51 44.5 41.7 62.5

86 54.6 52.6 79.0



#23

Vinyl Acetate

Concen: 0.082 ppbv

RT: 2.463 min Scan# 734

Delta R.T. 0.010 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

Tgt Ion: 43 Resp: 1791

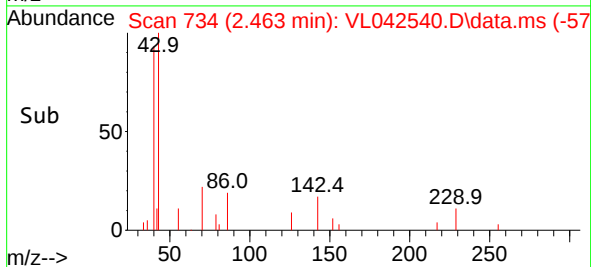
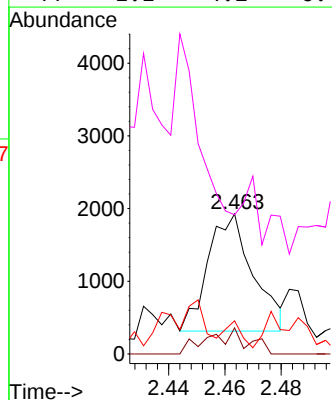
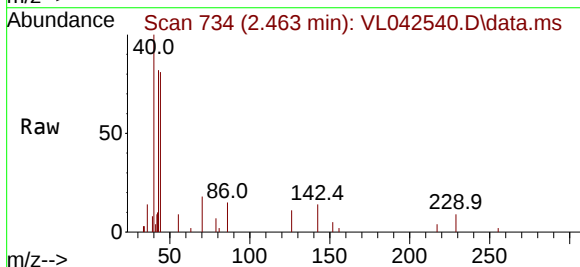
Ion Ratio Lower Upper

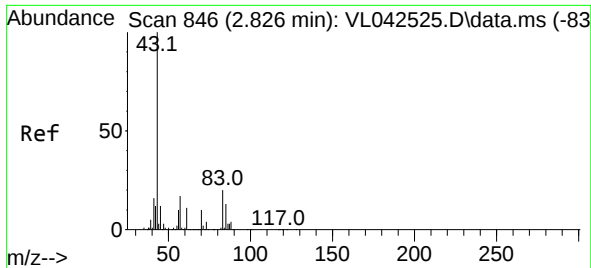
43 100

86 22.2 6.8 10.2#

42 7.5 8.8 13.2#

44 1.1 4.2 6.4#

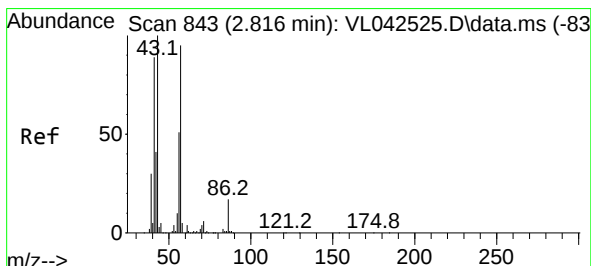
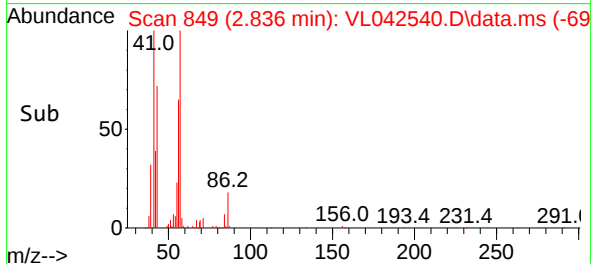
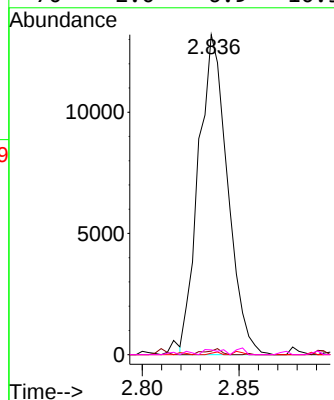
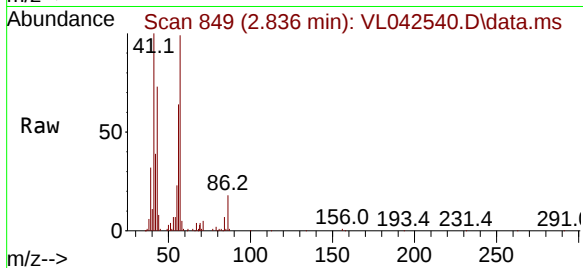




#25
Ethyl Acetate
Concen: 0.377 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.010 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

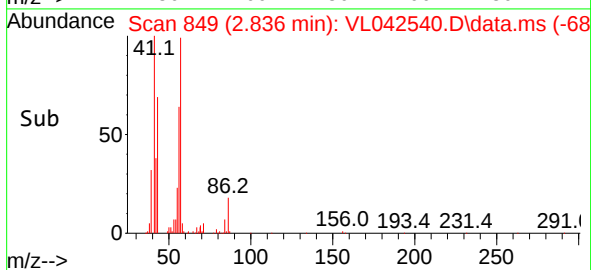
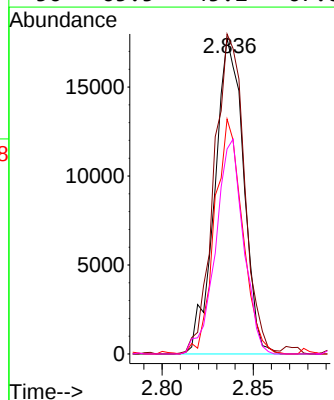
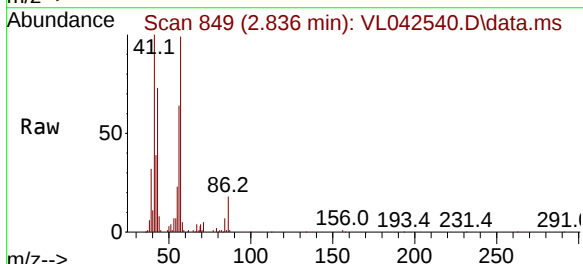
Instrument :
MSVOA_L
ClientSampleId :
SV1

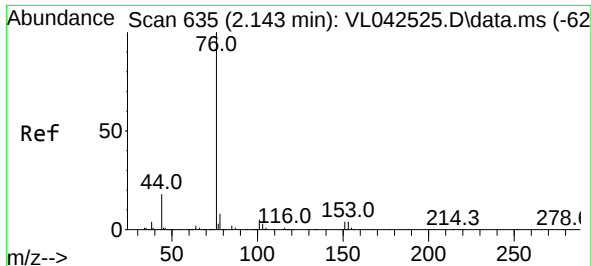
Tgt Ion: 43	Resp: 13812
Ion Ratio	Lower Upper
43 100	
45 1.1	7.9 11.9#
61 0.7	7.1 10.7#
70 2.0	6.9 10.3#



#26
Hexane
Concen: 1.296 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.019 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion: 57	Resp: 19490
Ion Ratio	Lower Upper
57 100	
41 107.9	76.1 114.1
43 73.2	188.9 283.3#
56 65.5	45.2 67.8

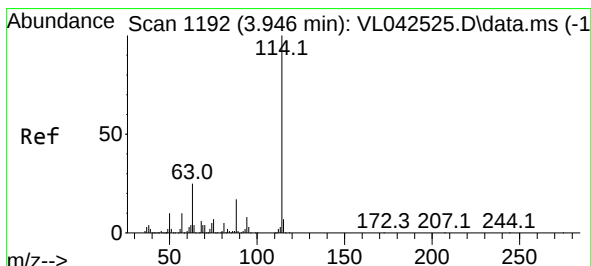
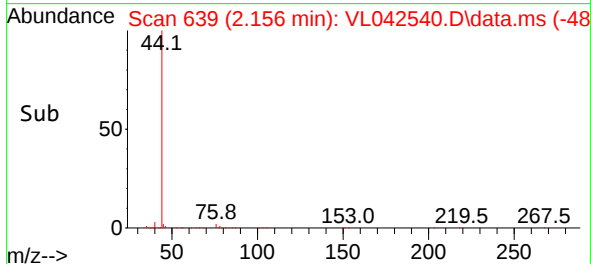
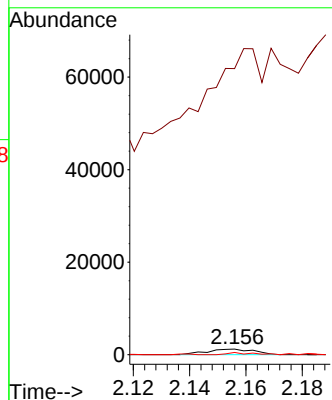
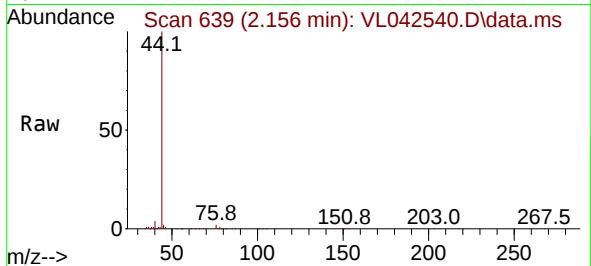




#27
Carbon Disulfide
Concen: 0.072 ppbv
RT: 2.156 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

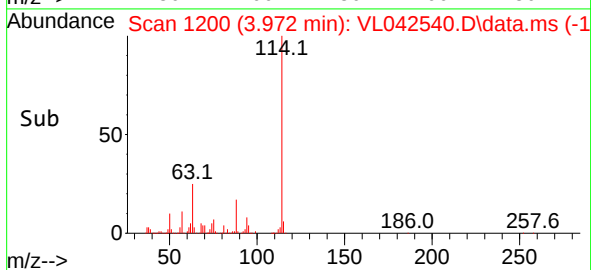
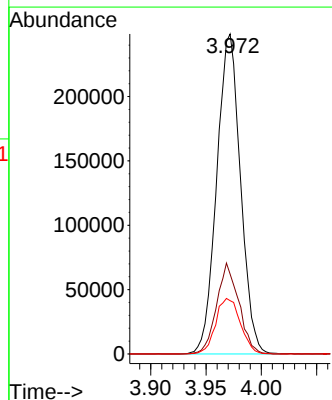
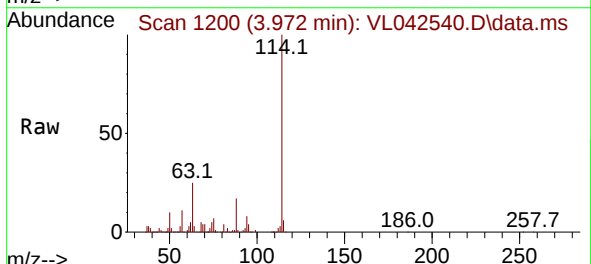
Instrument :
MSVOA_L
ClientSampleId :
SV1

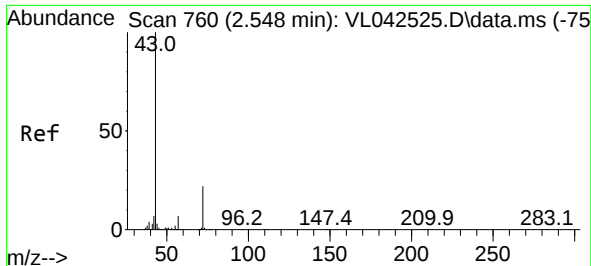
Tgt Ion: 76 Resp: 1402
Ion Ratio Lower Upper
76 100
44 0.0 17.1 25.7#
78 32.5 8.6 12.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. 0.026 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion: 114 Resp: 371118
Ion Ratio Lower Upper
114 100
63 26.6 20.4 30.6
88 18.0 14.5 21.7

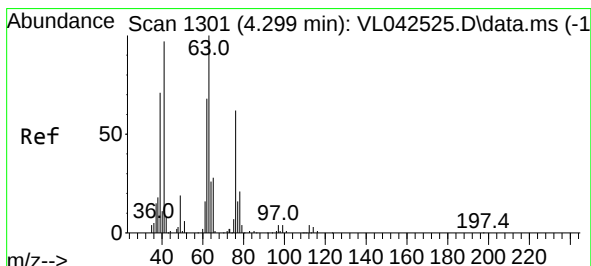
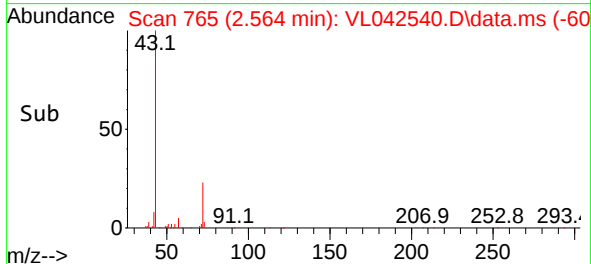
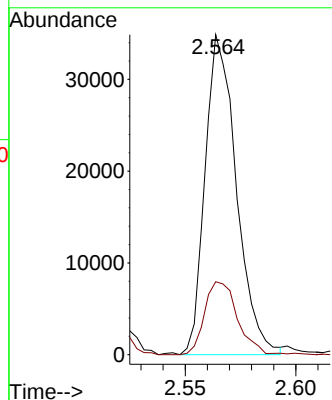
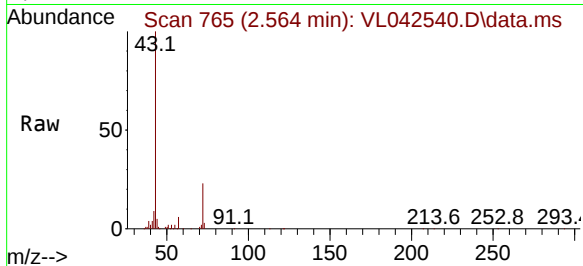




#34
2-Butanone
Concen: 1.405 ppbv
RT: 2.564 min Scan# 71
Delta R.T. 0.016 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

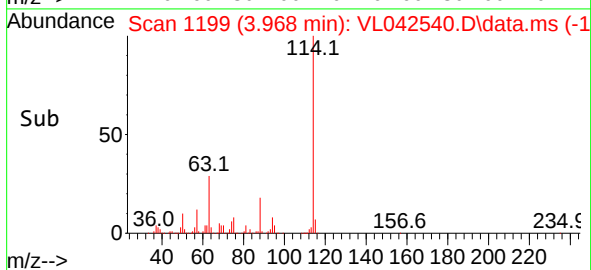
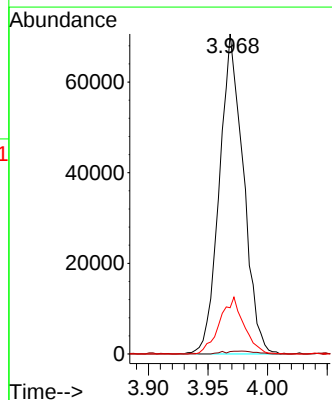
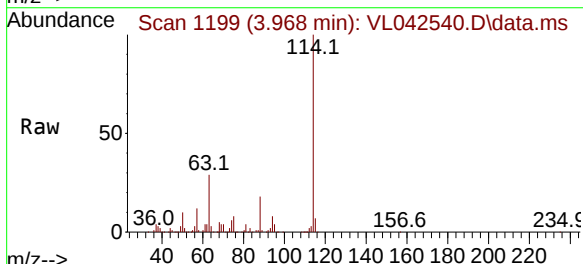
Instrument :
MSVOA_L
ClientSampleId :
SV1

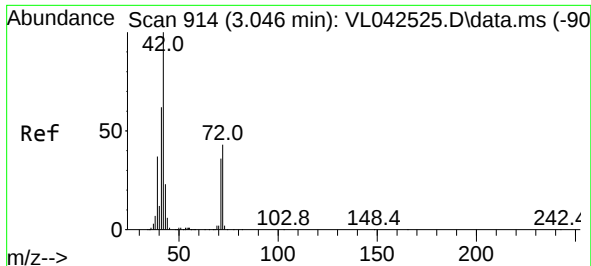
Tgt Ion: 43 Resp: 34360
Ion Ratio Lower Upper
43 100
72 24.1 18.7 28.1



#39
1,2-Dichloropropane
Concen: 8.054 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.330 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion: 63 Resp: 98661
Ion Ratio Lower Upper
63 100
41 0.8 77.5 116.3#
62 14.4 54.6 82.0#





#41

Tetrahydrofuran

Concen: 0.212 ppbv

RT: 3.069 min Scan# 91

Delta R.T. 0.023 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

Instrument :

MSVOA_L

ClientSampleId :

SV1

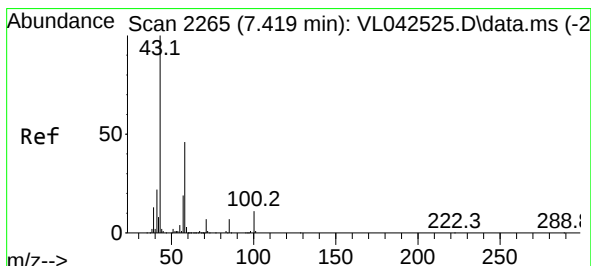
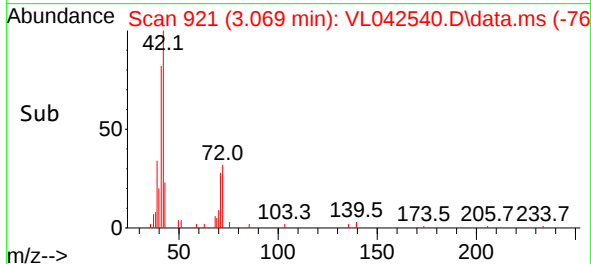
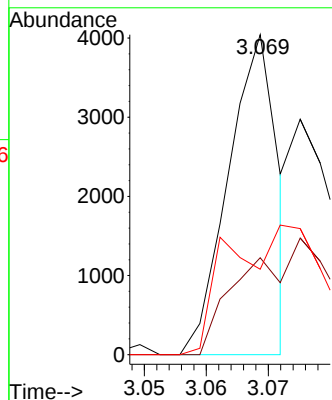
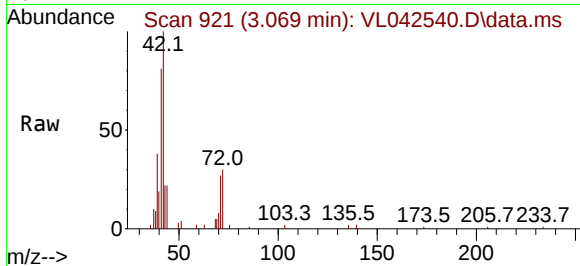
Tgt Ion: 42 Resp: 2242

Ion Ratio Lower Upper

42 100

72 0.0 32.7 49.1#

71 0.0 30.4 45.6#



#51

2-Hexanone

Concen: 3.036 ppbv

RT: 7.445 min Scan# 2273

Delta R.T. 0.026 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

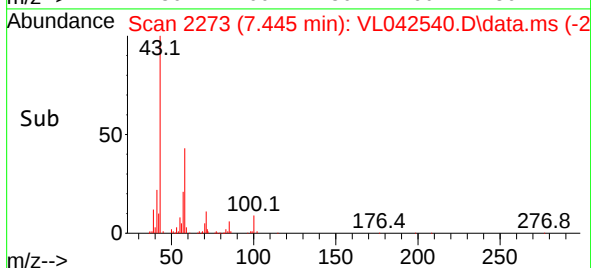
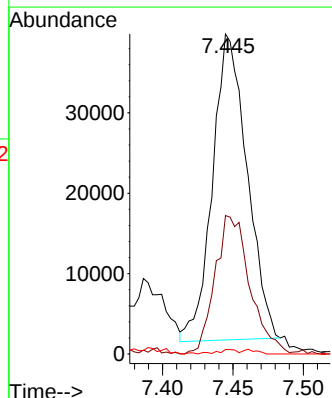
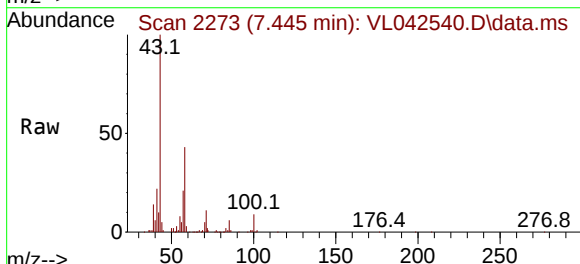
Tgt Ion: 43 Resp: 64885

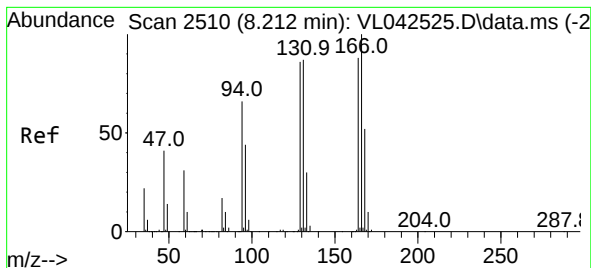
Ion Ratio Lower Upper

43 100

58 46.2 37.5 56.3

98 1.4 0.9 1.3#





#52

Tetrachloroethene

Concen: 0.202 ppbv

RT: 8.234 min Scan# 2118

Delta R.T. 0.023 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tgt Ion:164 Resp: 2541

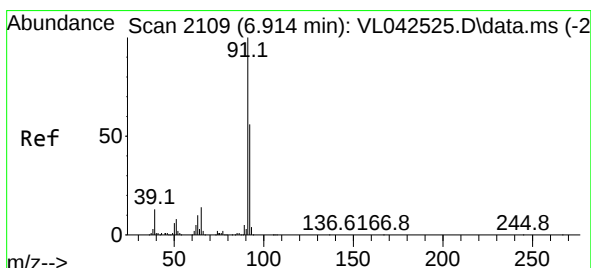
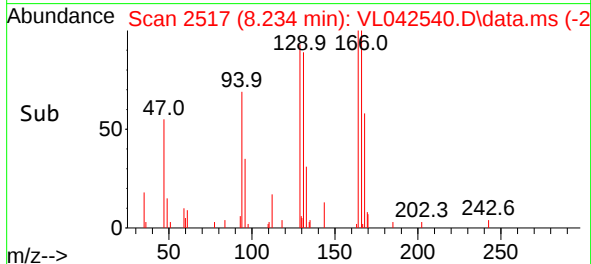
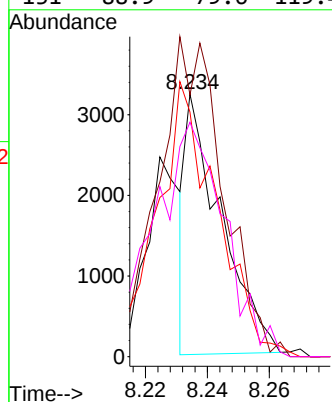
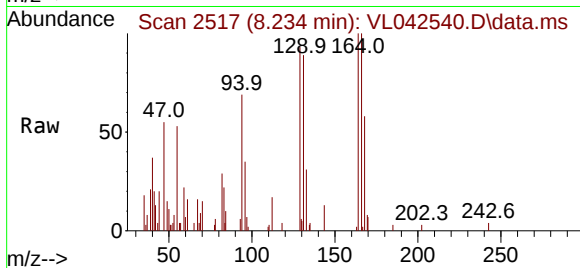
Ion Ratio Lower Upper

164 100

166 95.7 91.3 136.9

129 97.2 78.9 118.3

131 88.9 79.6 119.4



#53

Toluene

Concen: 0.764 ppbv

RT: 6.943 min Scan# 2118

Delta R.T. 0.029 min

Lab File: VL042540.D

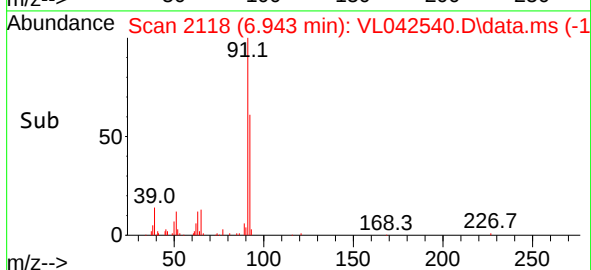
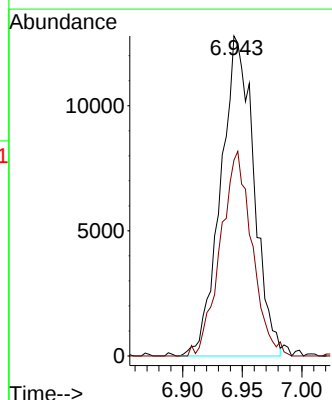
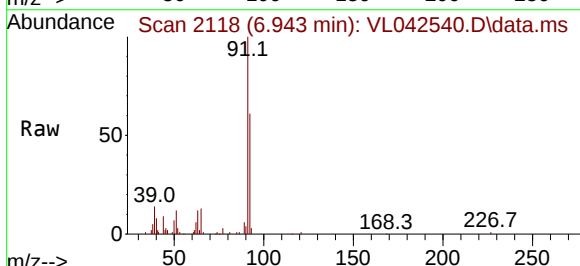
Acq: 14 May 2025 13:12

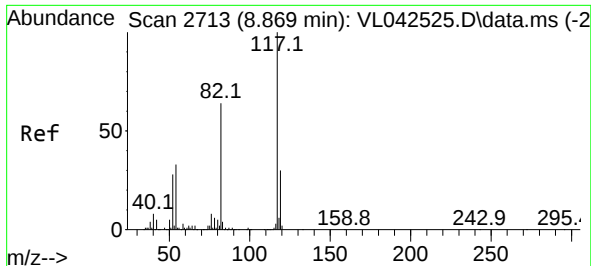
Tgt Ion: 91 Resp: 24657

Ion Ratio Lower Upper

91 100

92 61.2 47.8 71.6

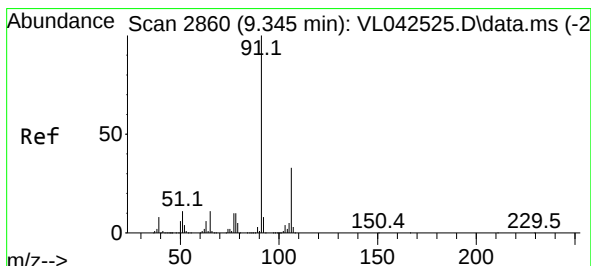
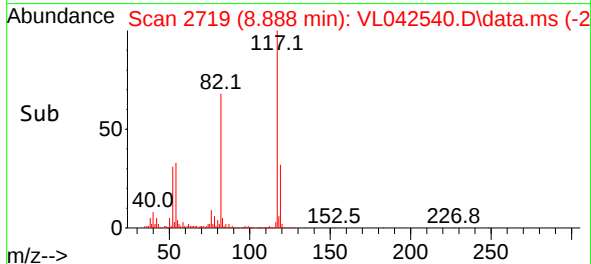
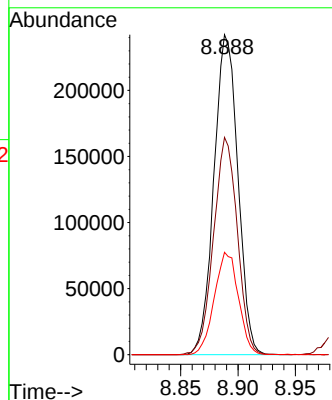
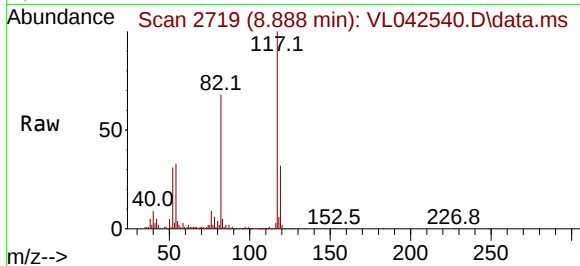




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

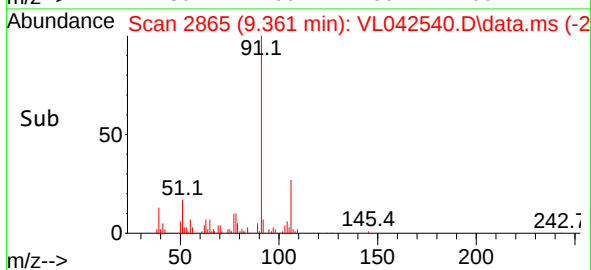
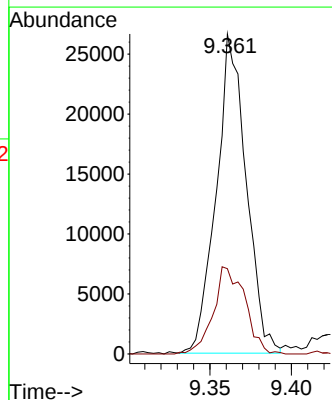
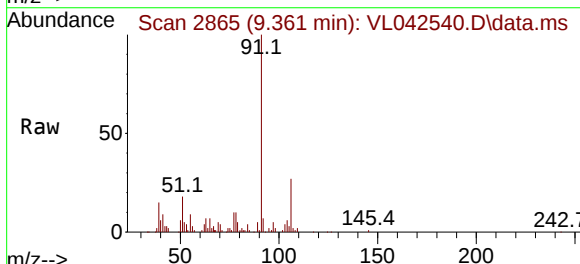
Instrument :
MSVOA_L
ClientSampleId :
SV1

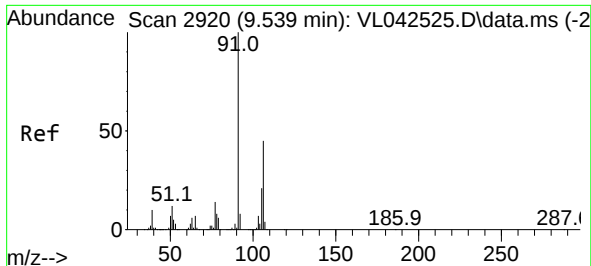
Tgt Ion:117 Resp: 351568
Ion Ratio Lower Upper
117 100
82 67.4 55.0 82.4
119 32.3 25.8 38.6



#58
Ethyl Benzene
Concen: 0.708 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.016 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion: 91 Resp: 33945
Ion Ratio Lower Upper
91 100
106 26.3 26.0 39.0





#59

m/p-Xylene

Concen: 2.163 ppbv

RT: 9.539 min Scan# 2920

Delta R.T. -0.000 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

Instrument :

MSVOA_L

ClientSampleId :

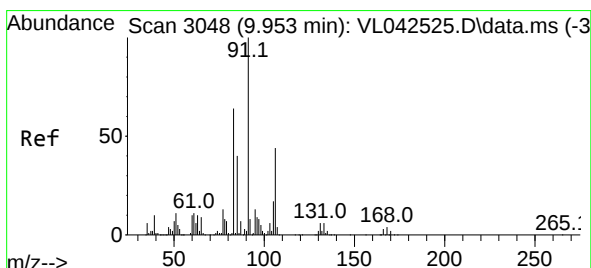
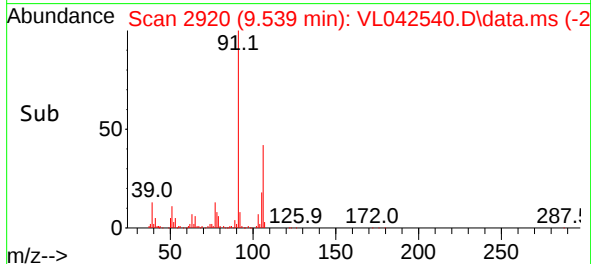
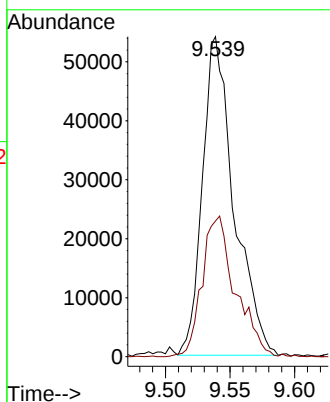
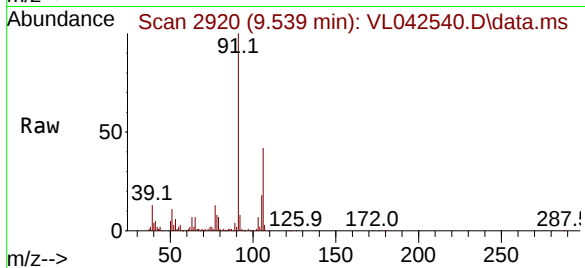
SV1

Tgt Ion: 91 Resp: 92047

Ion Ratio Lower Upper

91 100

106 46.7 0.0 0.0#



#60

o-Xylene

Concen: 1.443 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.019 min

Lab File: VL042540.D

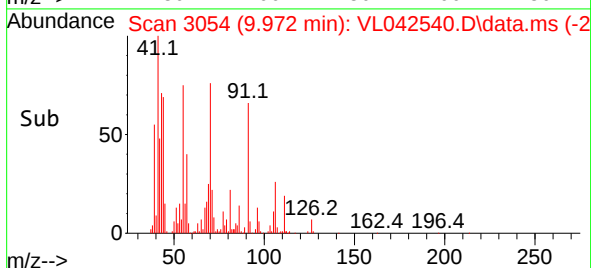
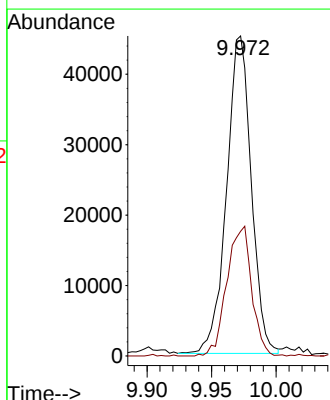
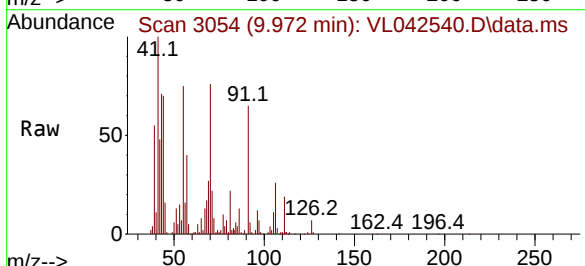
Acq: 14 May 2025 13:12

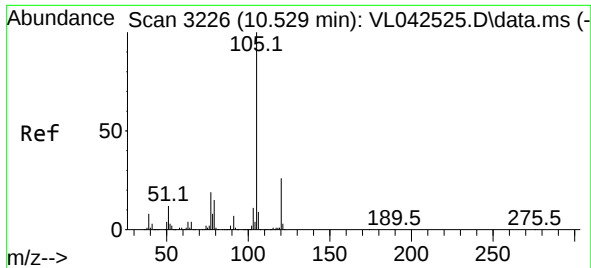
Tgt Ion: 91 Resp: 59983

Ion Ratio Lower Upper

91 100

106 41.2 21.6 64.6

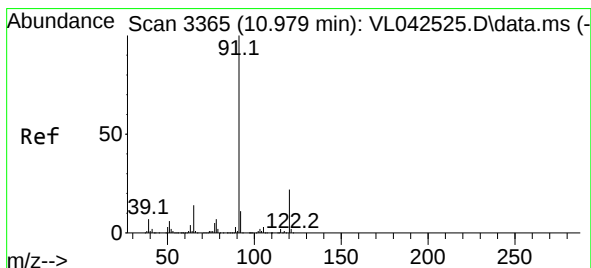
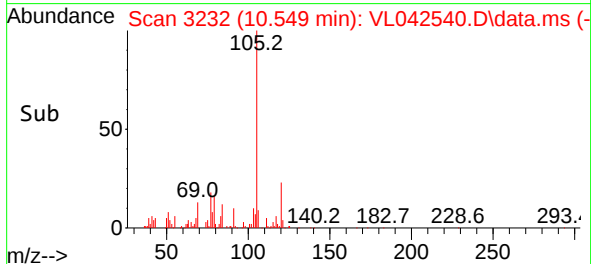
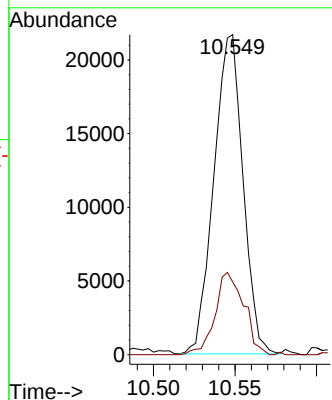
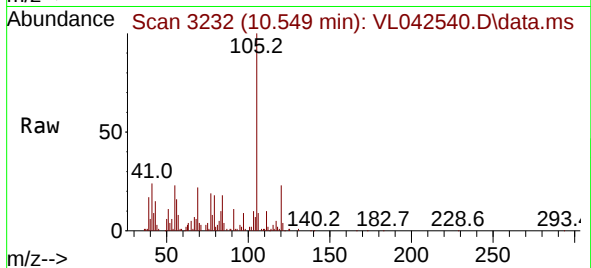




#62
Isopropylbenzene
Concen: 0.430 ppbv
RT: 10.549 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

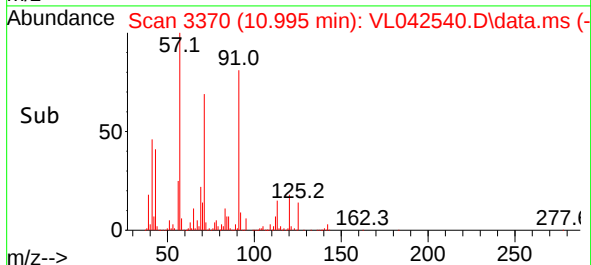
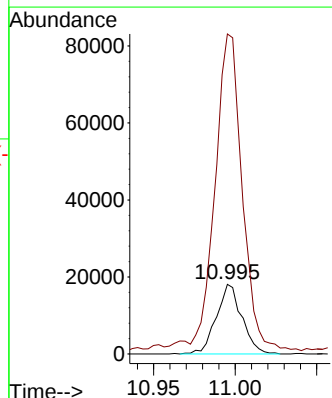
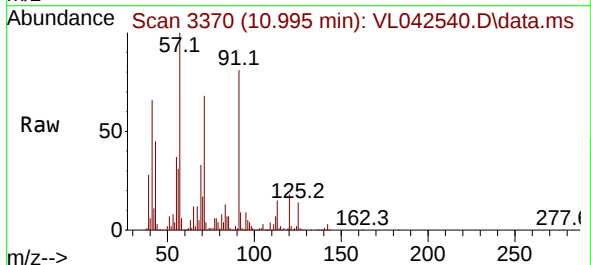
Instrument :
MSVOA_L
ClientSampleId :
SV1

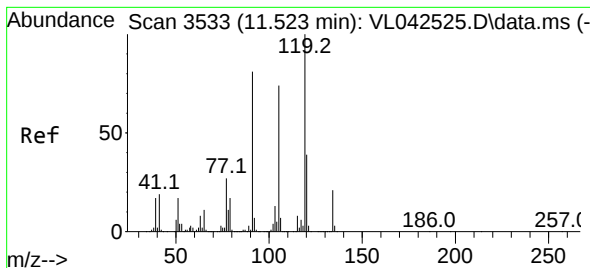
Tgt Ion:105 Resp: 26923
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1



#64
n-propylbenzene
Concen: 1.236 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.016 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion:120 Resp: 19646
Ion Ratio Lower Upper
120 100
91 508.9 377.7 566.5





#65

tert-Butylbenzene

Concen: 0.343 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.019 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

Instrument :

MSVOA_L

ClientSampleId :

SV1

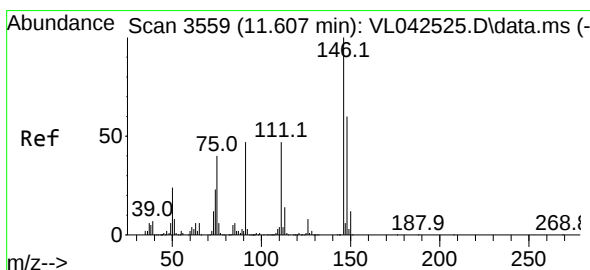
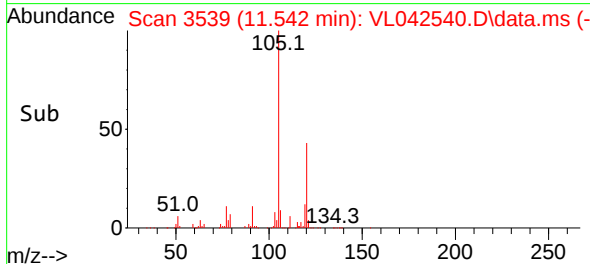
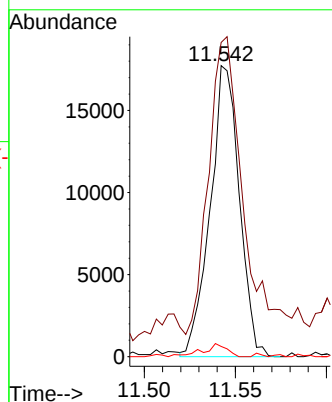
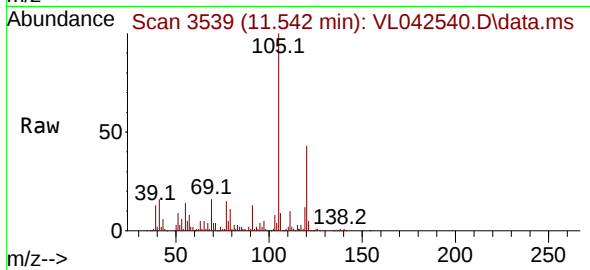
Tgt Ion:119 Resp: 19738

Ion Ratio Lower Upper

119 100

91 137.2 66.6 99.8#

134 4.2 16.3 24.5#



#66

Benzyl Chloride

Concen: 0.100 ppbv

RT: 11.630 min Scan# 3566

Delta R.T. 0.023 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

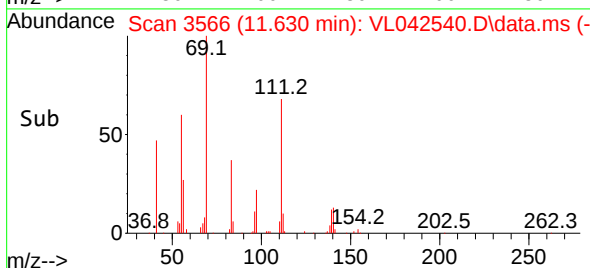
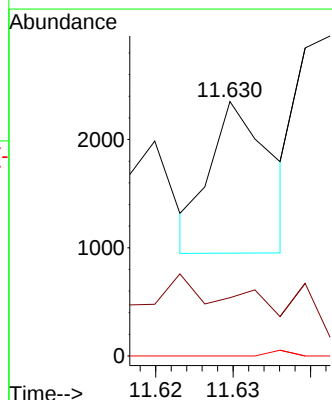
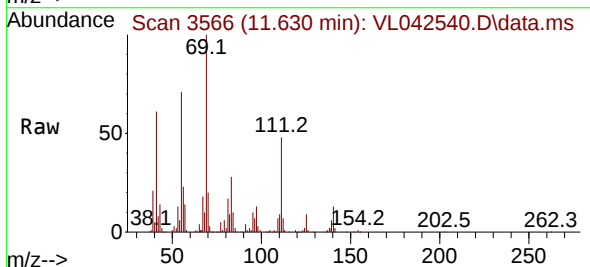
Tgt Ion: 91 Resp: 760

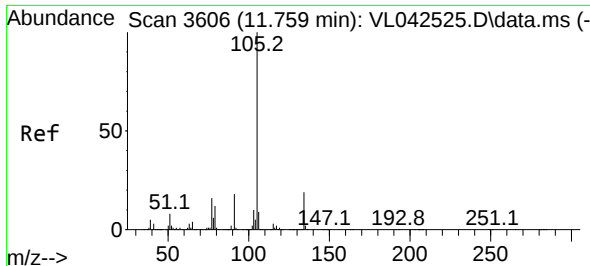
Ion Ratio Lower Upper

91 100

126 159.2 13.7 20.5#

128 0.0 4.2 6.2#

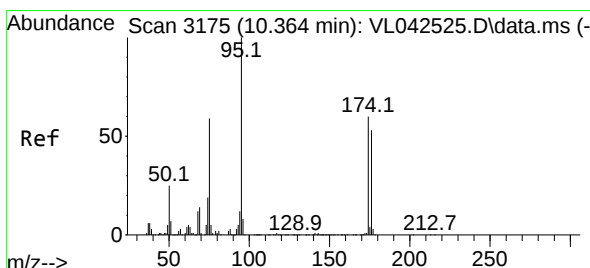
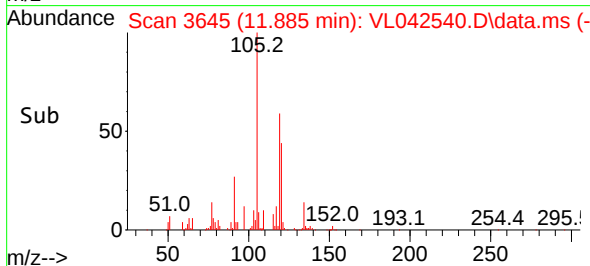
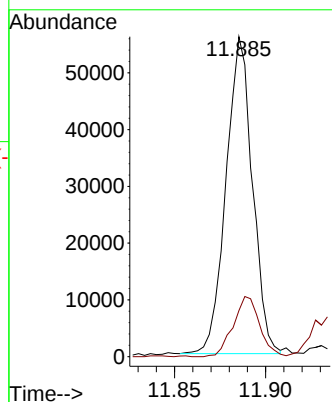
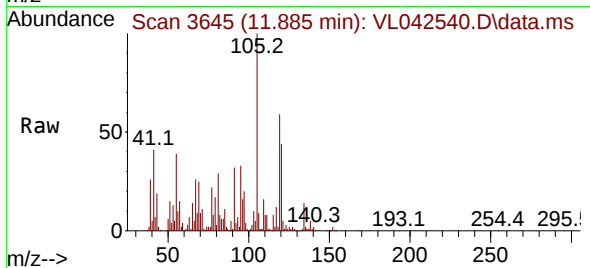




#67
 sec-Butylbenzene
 Concen: 0.682 ppbv
 RT: 11.885 min Scan# 3645
 Delta R.T. 0.126 min
 Lab File: VL042540.D
 Acq: 14 May 2025 13:12

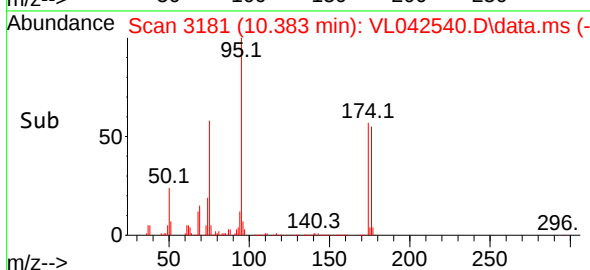
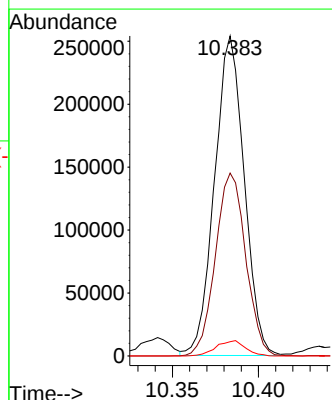
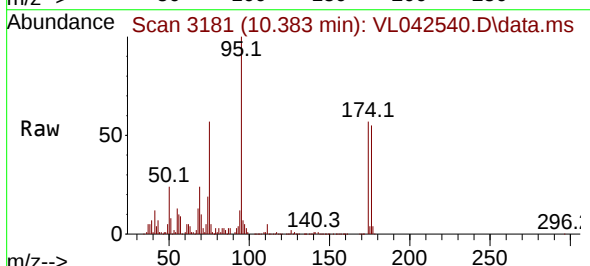
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

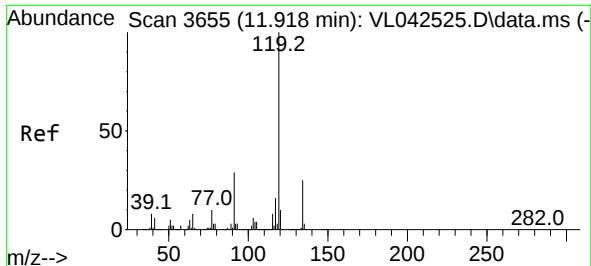
Tgt Ion:105 Resp: 56177
 Ion Ratio Lower Upper
 105 100
 134 19.4 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.951 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.019 min
 Lab File: VL042540.D
 Acq: 14 May 2025 13:12

Tgt Ion: 95 Resp: 304412
 Ion Ratio Lower Upper
 95 100
 174 58.5 48.0 72.0
 175 4.7 3.5 5.3

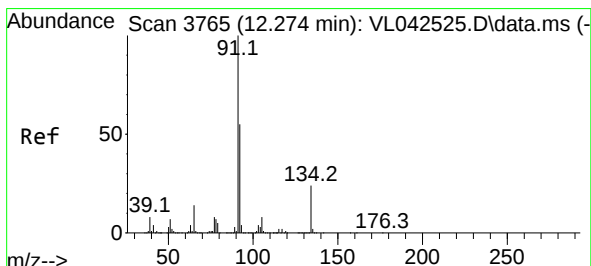
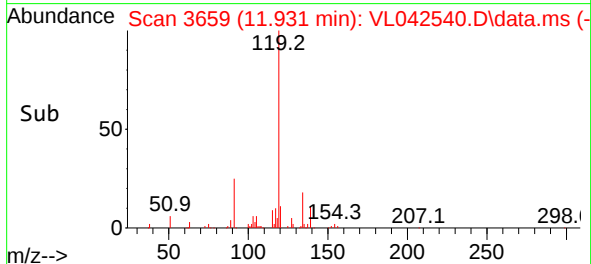
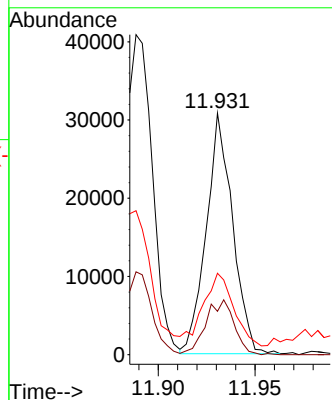
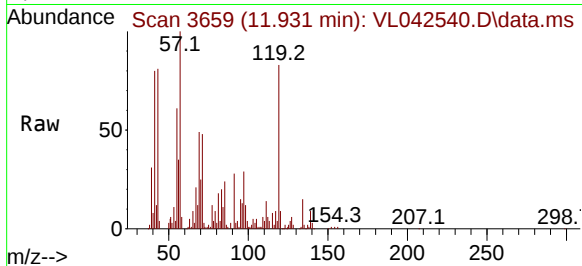




#69
p-Isopropyltoluene
Concen: 0.430 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.013 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

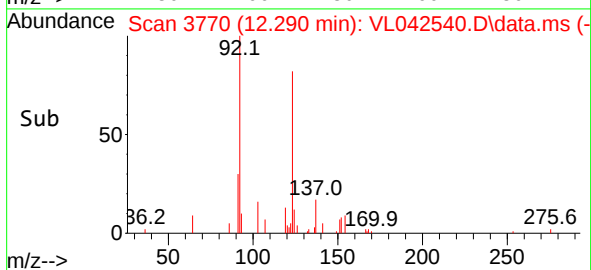
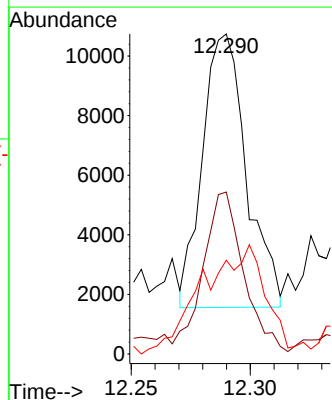
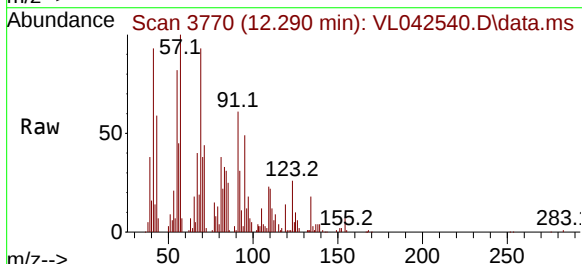
Instrument :
MSVOA_L
ClientSampleId :
SV1

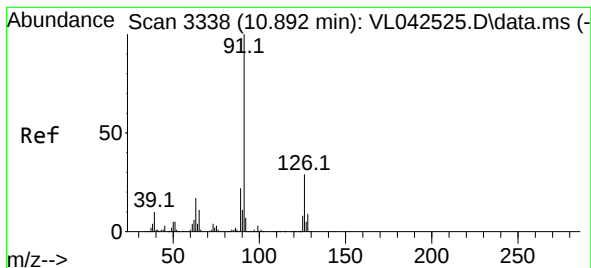
Tgt Ion:	119	Resp:	29161
Ion	Ratio	Lower	Upper
119	100		
134	24.7	19.8	29.6
91	35.2	23.6	35.4



#70
n-Butylbenzene
Concen: 0.176 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.016 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion:	91	Resp:	11775
Ion	Ratio	Lower	Upper
91	100		
92	49.4	43.7	65.5
134	58.1	18.9	28.3

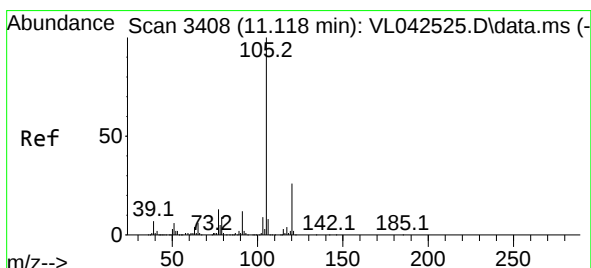
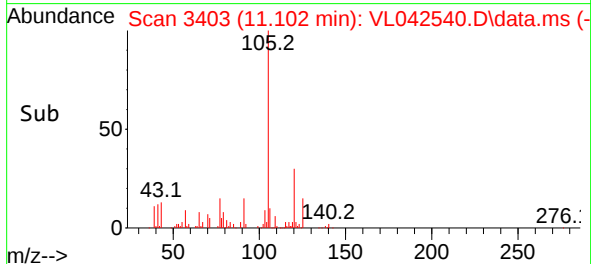
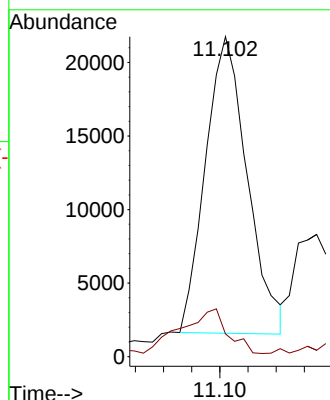
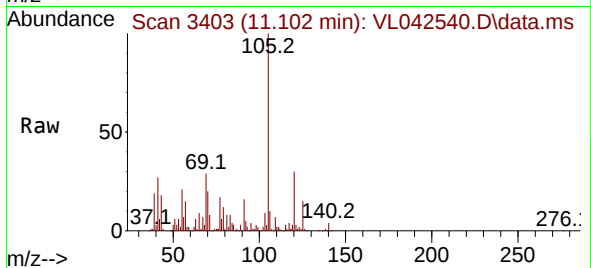




#71
2-Chlorotoluene
Concen: 0.439 ppbv
RT: 11.102 min Scan# 3410
Delta R.T. 0.210 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

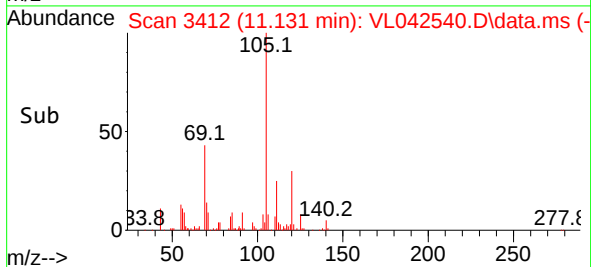
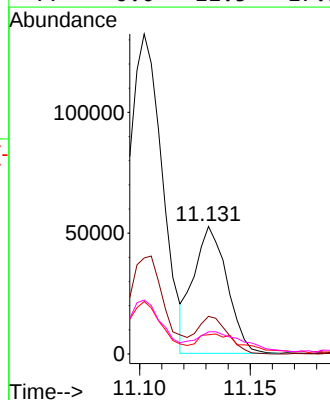
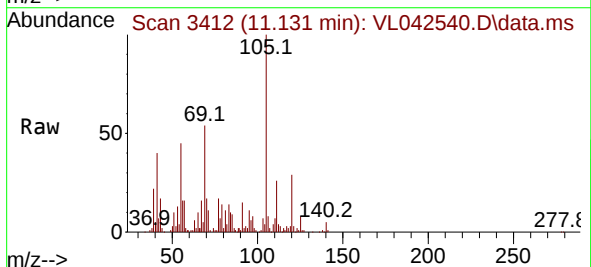
Instrument :
MSVOA_L
ClientSampleId :
SV1

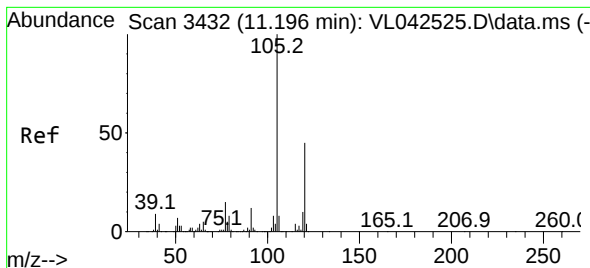
Tgt Ion: 91 Resp: 20795
Ion Ratio Lower Upper
91 100
126 21.4 11.4 45.6



#72
4-Ethyltoluene
Concen: 1.074 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.013 min
Lab File: VL042540.D
Acq: 14 May 2025 13:12

Tgt Ion: 105 Resp: 55381
Ion Ratio Lower Upper
105 100
120 0.0 22.9 34.3#
91 0.0 10.9 16.3#
77 0.0 11.5 17.3#





#73

1,3,5-Trimethylbenzene

Concen: 1.434 ppbv

RT: 11.209 min Scan# 3432

Delta R.T. 0.013 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

Instrument :

MSVOA_L

ClientSampleId :

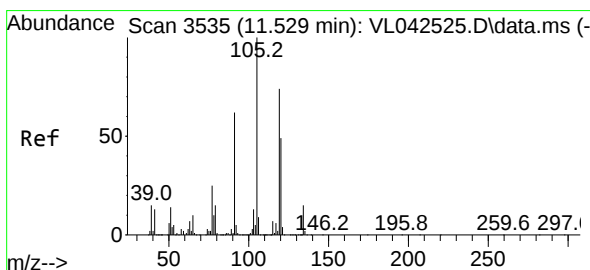
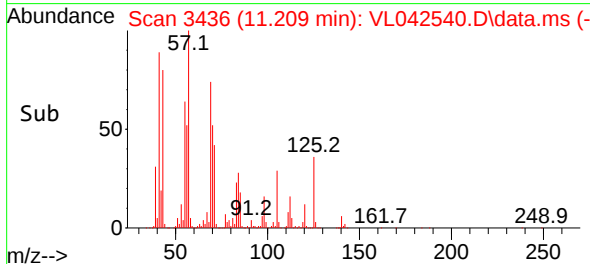
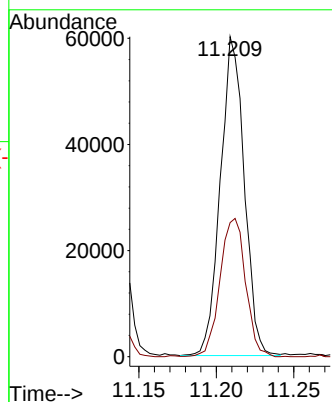
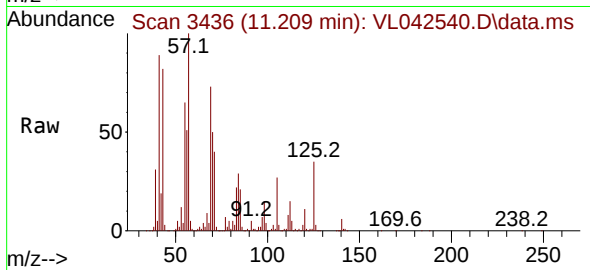
SV1

Tgt Ion:105 Resp: 64408

Ion Ratio Lower Upper

105 100

120 42.1 36.0 54.0



#74

1,2,4-Trimethylbenzene

Concen: 2.859 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.013 min

Lab File: VL042540.D

Acq: 14 May 2025 13:12

Tgt Ion:105 Resp: 157948

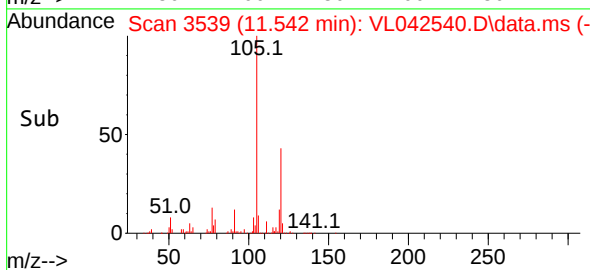
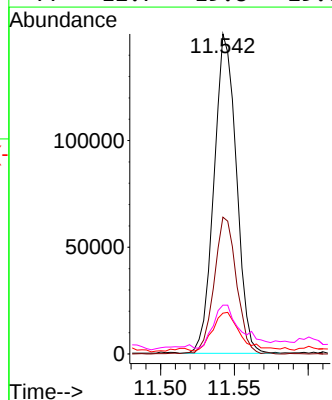
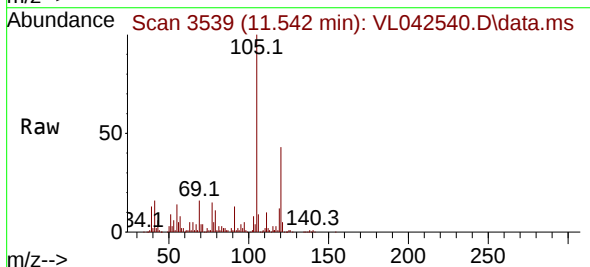
Ion Ratio Lower Upper

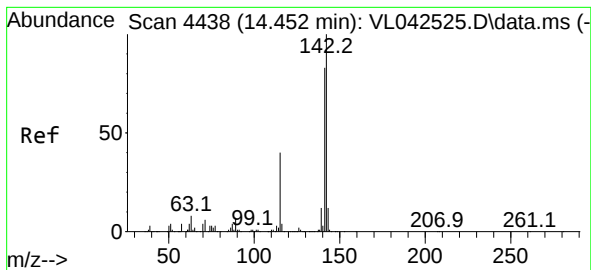
105 100

120 42.8 39.0 58.6

91 11.2 49.4 74.2#

77 12.7 19.8 29.6#





#80

Naphthalene, 2-methyl-

Concen: 0.031 ppbv

RT: 14.465 min Scan# 44

Delta R.T. 0.013 min

Lab File: VL042540.D

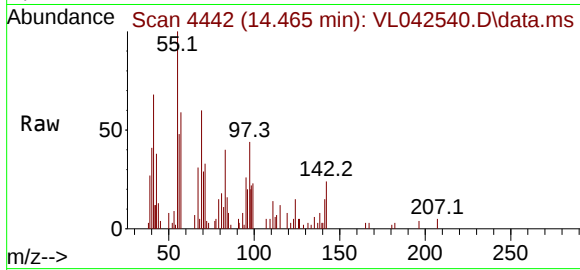
Acq: 14 May 2025 13:12

Instrument :

MSVOA_L

ClientSampleId :

SV1



Tgt Ion:142 Resp: 680

Ion Ratio Lower Upper

142 100

141 144.6 66.8 100.2#

115 109.0 33.0 49.6#

