

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042057.D
 Acq On : 26 Feb 2025 12:48
 Operator : SY/MD
 Sample : Q1430-05DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Quant Time: Feb 27 00:28:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	157475	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	376491	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.892	117	312935	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.384	95	246340	10.232	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%

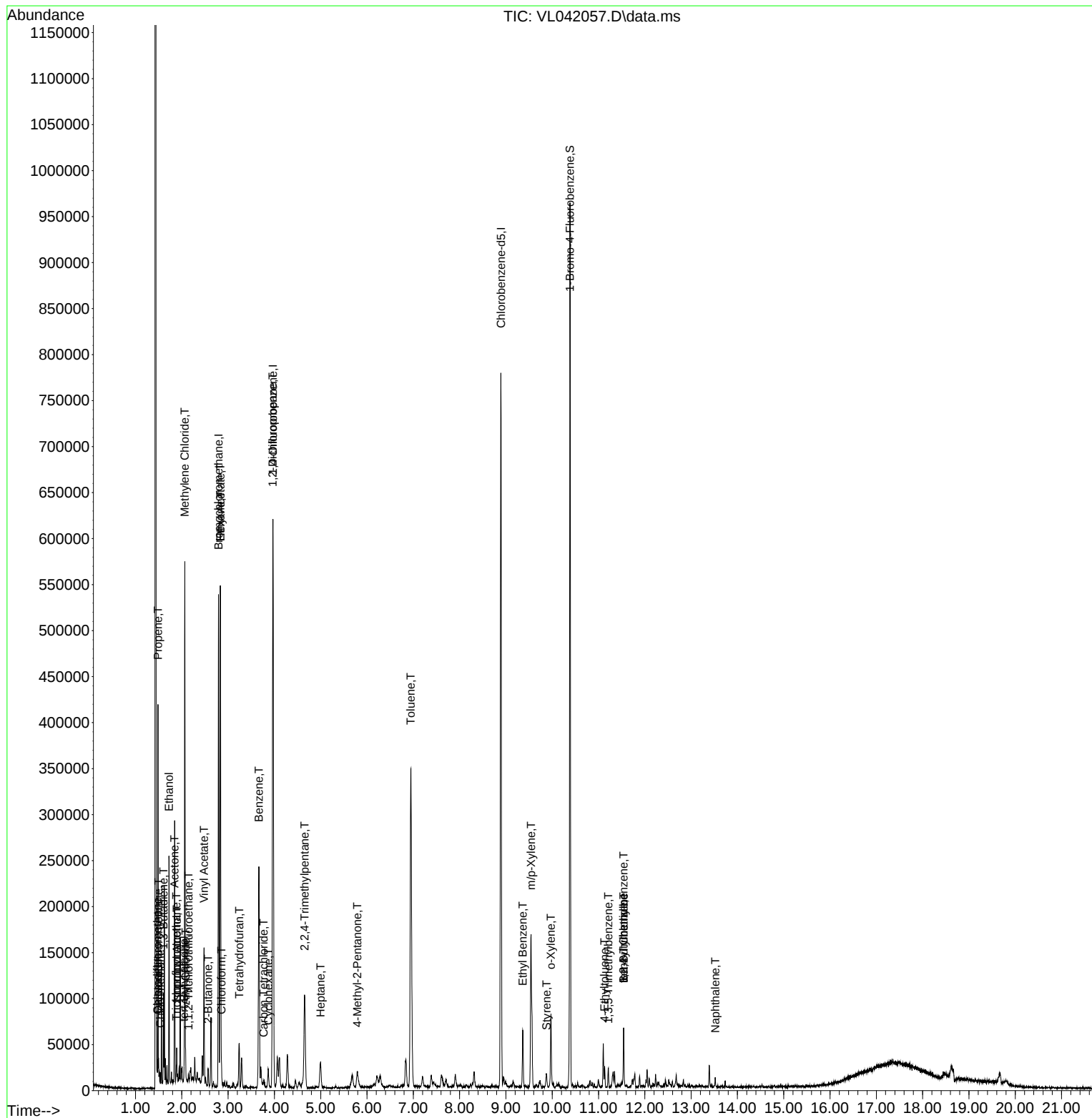
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.499	85	6837	0.418	ppbv	90
3) Chlorodifluoromethane	1.476	51	15999	0.699	ppbv #	78
4) Chloromethane	1.535	50	2648	0.437	ppbv	89
9) Propene	1.486	41	59708	6.404	ppbv	94
10) Heptane	4.998	43	13387	0.461	ppbv	90
11) Trichlorofluoromethane	1.881	101	3632	0.221	ppbv	91
12) 1,1,2-Trichlorotrifluo...	2.146	101	1100	0.084	ppbv	97
13) Ethanol	1.722	45	88540	149.589	ppbv	92
15) Acetone	1.839	43	87371	6.283	ppbv #	82
16) 1,3-Butadiene	1.603	39	12815	1.980	ppbv #	34
17) tert-Butyl alcohol	2.049	59	1691	0.097	ppbv #	70
19) Isopropyl Alcohol	1.891	45	13738	1.720	ppbv #	2
20) Methylene Chloride	2.066	84	81880	15.566	ppbv	96
21) Allyl Chloride	2.082	41	2126	0.212	ppbv #	1
23) Vinyl Acetate	2.480	43	43715	4.471	ppbv #	41
25) Ethyl Acetate	2.833	43	99781	1.793	ppbv #	78
26) Hexane	2.833	57	134902	5.995	ppbv #	35
29) Chloroform	2.855	83	7960	0.263	ppbv	98
30) Cyclohexane	3.868	84	4816	0.264	ppbv #	76
34) 2-Butanone	2.567	43	14826	0.505	ppbv	93
35) Carbon Tetrachloride	3.768	117	1075	0.041	ppbv #	46
36) Benzene	3.664	78	148455	3.767	ppbv	97
39) 1,2-Dichloropropane	3.965	63	100547	6.721	ppbv #	23
41) Tetrahydrofuran	3.240	42	4126	0.238	ppbv #	40
44) 2,2,4-Trimethylpentane	4.652	57	91605	1.317	ppbv	93
50) 4-Methyl-2-Pentanone	5.788	43	7304	0.193	ppbv #	32
53) Toluene	6.946	91	250049	5.677	ppbv	98
58) Ethyl Benzene	9.364	91	33306	0.578	ppbv	94
59) m/p-Xylene	9.542	91	104874	2.287	ppbv #	100
60) o-Xylene	9.973	91	33778	0.733	ppbv	100
61) Styrene	9.876	104	1856	0.086	ppbv #	17
65) tert-Butylbenzene	11.542	119	2617	0.042	ppbv #	56
66) Benzyl Chloride	11.542	91	2804	0.585	ppbv #	65
72) 4-Ethyltoluene	11.131	105	8542	0.152	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.212	105	6591	0.135	ppbv #	81
74) 1,2,4-Trimethylbenzene	11.542	105	20277	0.369	ppbv #	60
79) Naphthalene	13.520	128	4136	0.110	ppbv #	74

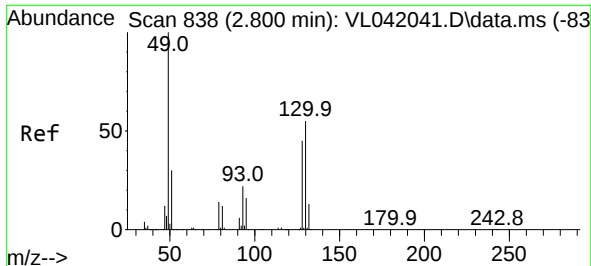
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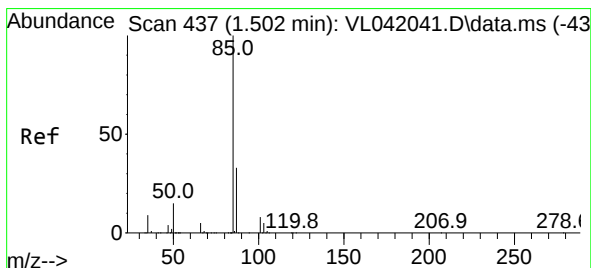
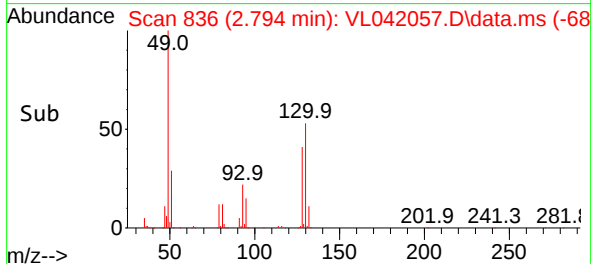
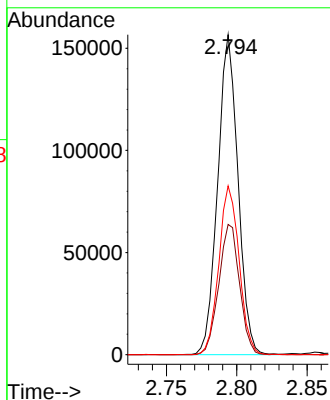
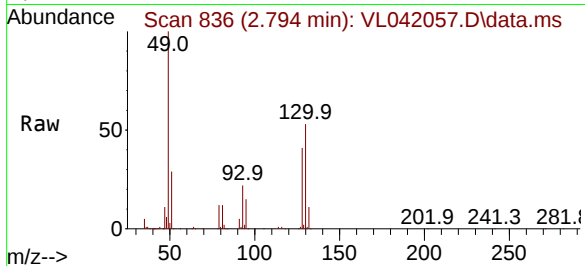




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

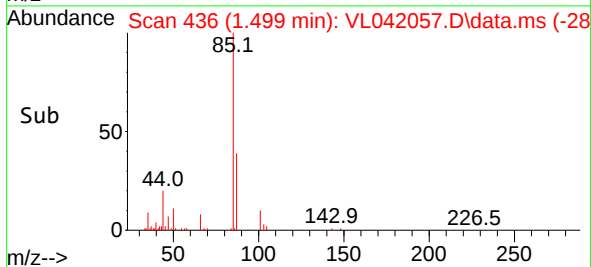
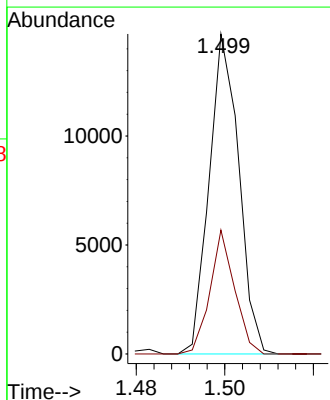
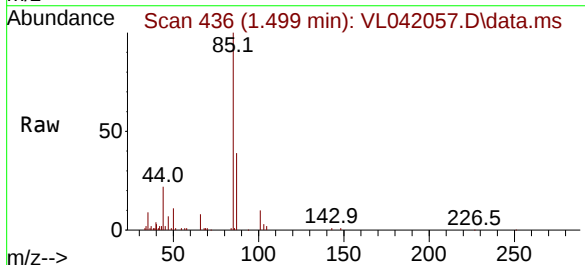
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MSVOA_L
ClientSampleId :
IA1DUP

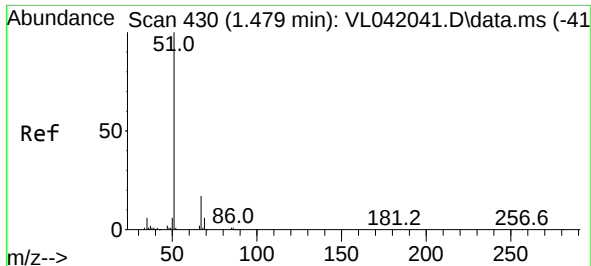
Tgt Ion: 49 Resp: 157475
Ion Ratio Lower Upper
49 100
128 41.6 21.6 64.8
130 52.8 27.8 83.4



#2
Dichlorodifluoromethane
Concen: 0.418 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

Tgt Ion: 85 Resp: 6837
Ion Ratio Lower Upper
85 100
87 38.7 26.4 39.6

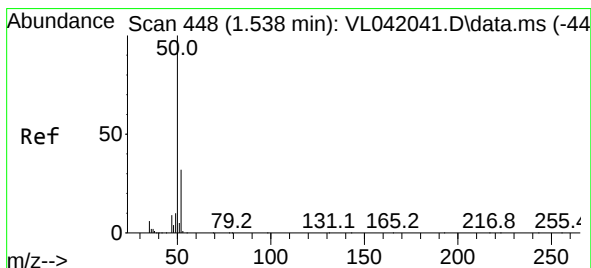
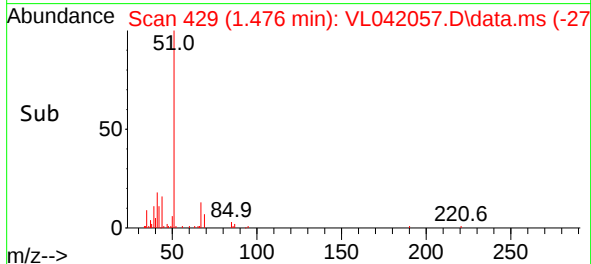
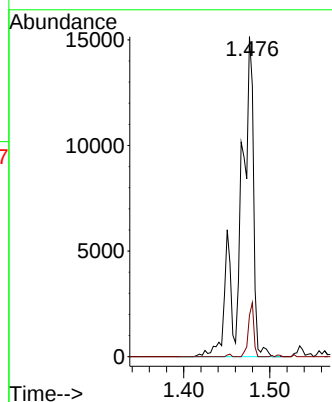
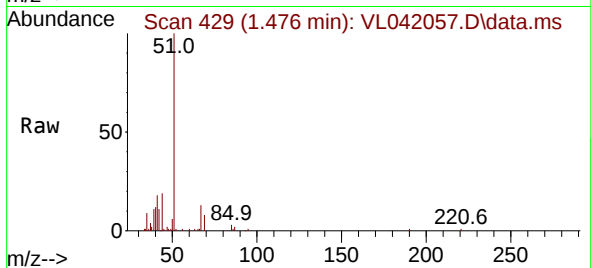




#3
Chlorodifluoromethane
Concen: 0.699 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

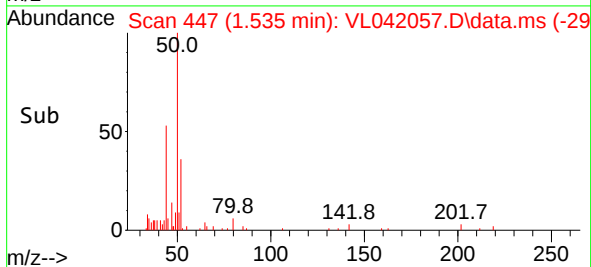
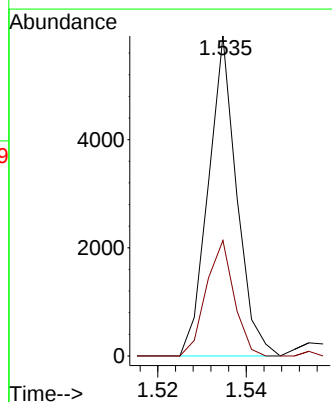
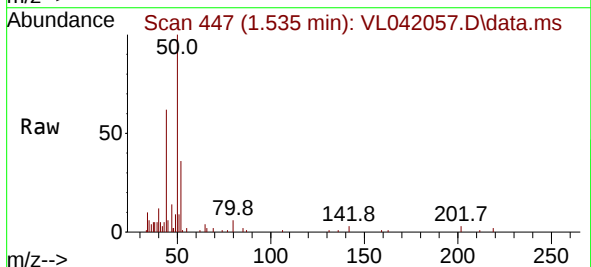
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

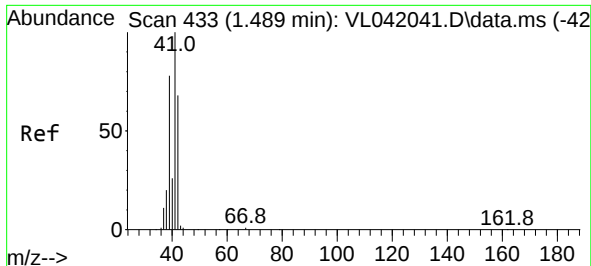
Tgt Ion: 51 Resp: 15999
Ion Ratio Lower Upper
51 100
67 7.5 13.7 20.5#



#4
Chloromethane
Concen: 0.437 ppbv
RT: 1.535 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

Tgt Ion: 50 Resp: 2648
Ion Ratio Lower Upper
50 100
52 37.6 25.4 38.0





#9

Propene

Concen: 6.404 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

Instrument :

MSVOA_L

ClientSampleId :

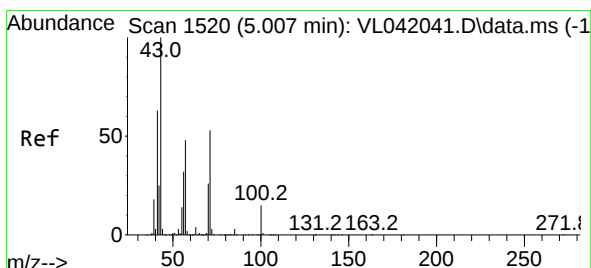
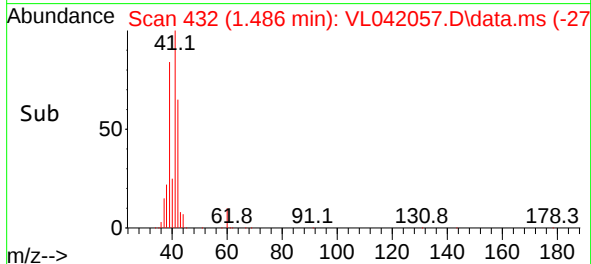
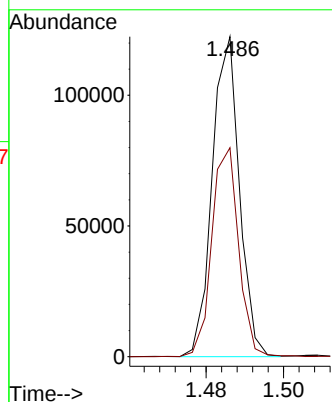
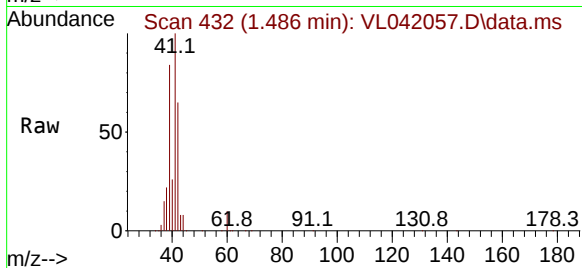
IA1DUP

Tgt Ion: 41 Resp: 59708

Ion Ratio Lower Upper

41 100

42 64.9 55.8 83.6



#10

Heptane

Concen: 0.461 ppbv

RT: 4.998 min Scan# 1517

Delta R.T. -0.010 min

Lab File: VL042057.D

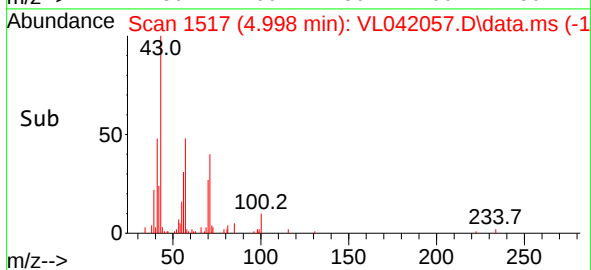
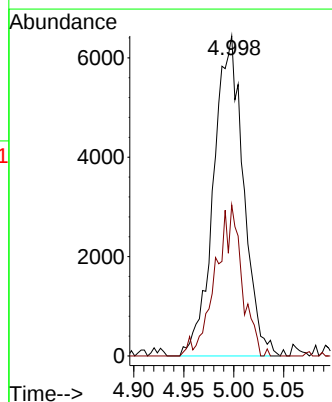
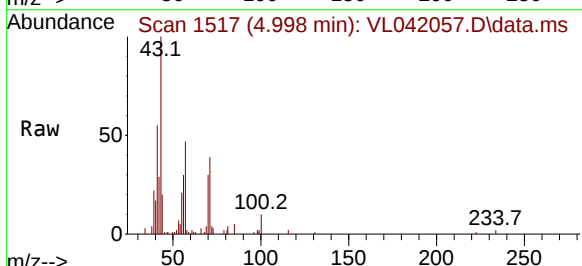
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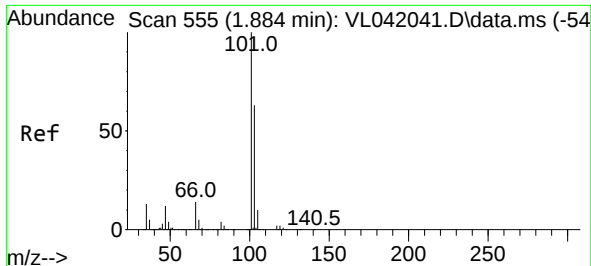
Tgt Ion: 43 Resp: 13387

Ion Ratio Lower Upper

43 100

57 42.1 39.4 59.0

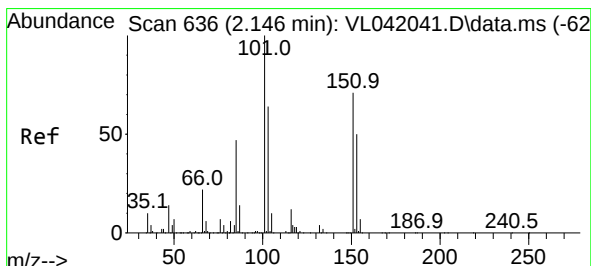
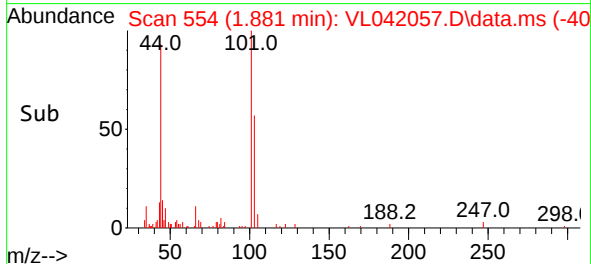
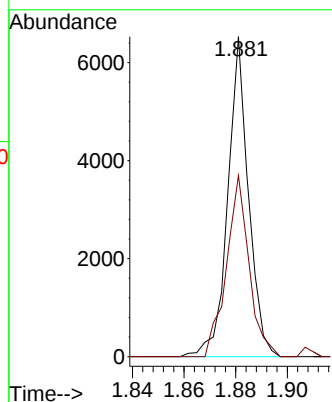
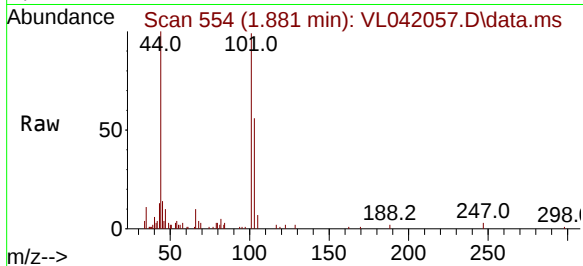




#11
 Trichlorofluoromethane
 Concen: 0.221 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042057.D
 Acq: 26 Feb 2025 12:48

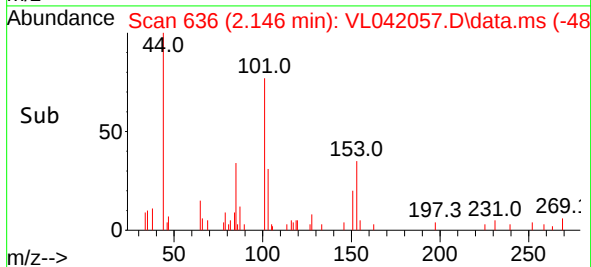
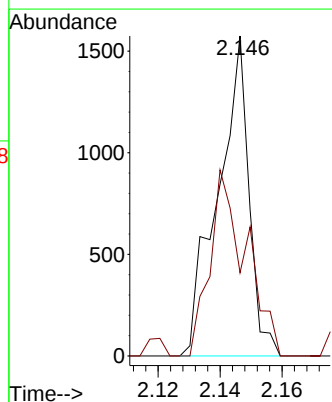
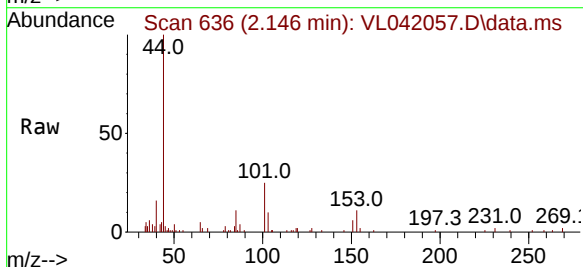
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

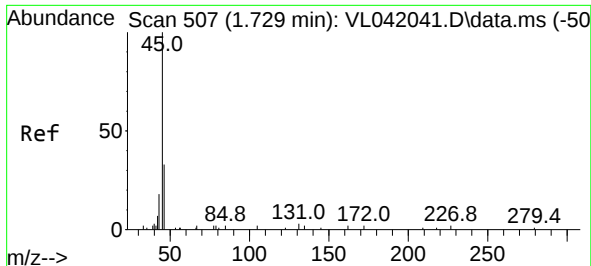
Tgt Ion:101 Resp: 3632
 Ion Ratio Lower Upper
 101 100
 103 56.6 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.084 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.000 min
 Lab File: VL042057.D
 Acq: 26 Feb 2025 12:48

Tgt Ion:101 Resp: 1100
 Ion Ratio Lower Upper
 101 100
 151 75.3 62.6 94.0

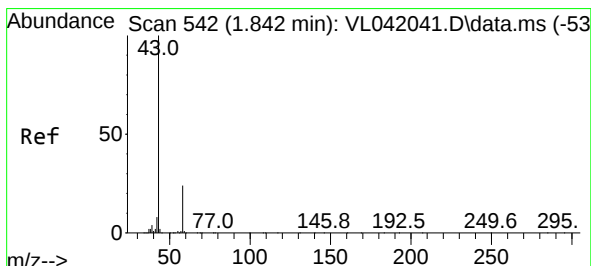
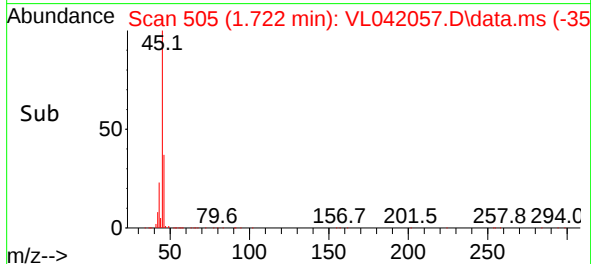
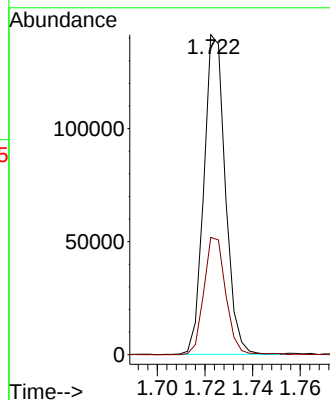
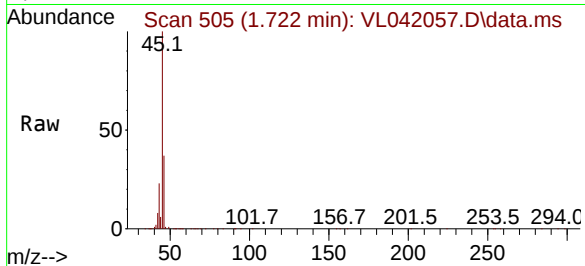




#13
 Ethanol
 Concen: 149.589 ppbv
 RT: 1.722 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VL042057.D
 Acq: 26 Feb 2025 12:48

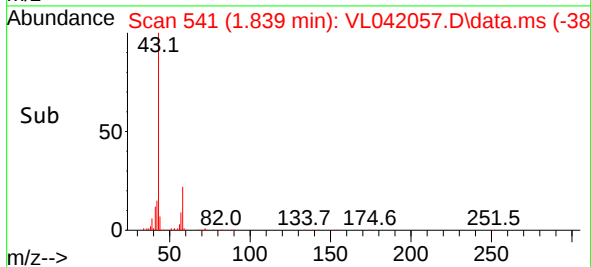
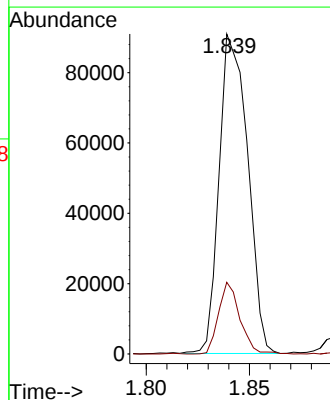
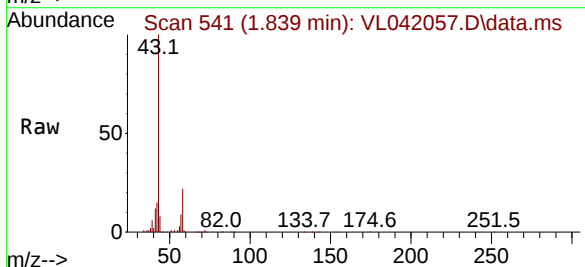
Instrument :
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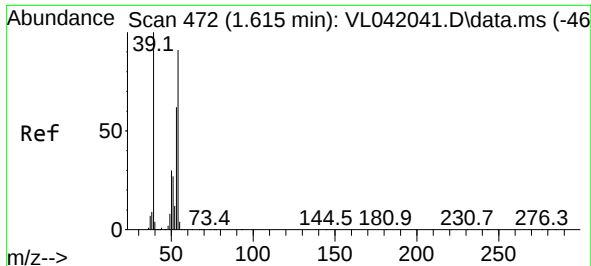
Tgt Ion: 45 Resp: 88540
 Ion Ratio Lower Upper
 45 100
 46 37.7 17.1 68.3



#15
 Acetone
 Concen: 6.283 ppbv
 RT: 1.839 min Scan# 541
 Delta R.T. -0.003 min
 Lab File: VL042057.D
 Acq: 26 Feb 2025 12:48

Tgt Ion: 43 Resp: 87371
 Ion Ratio Lower Upper
 43 100
 58 17.0 20.7 31.1#

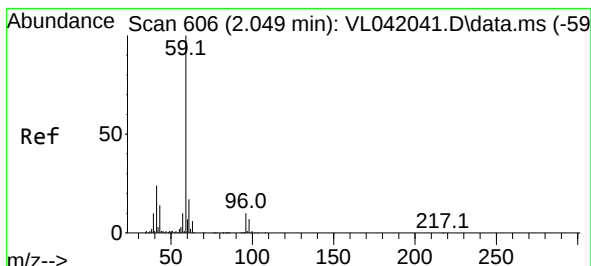
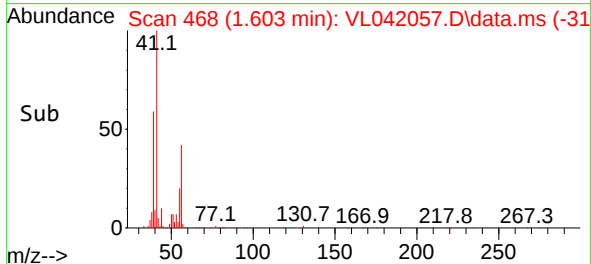
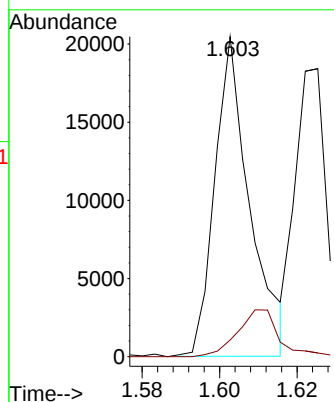
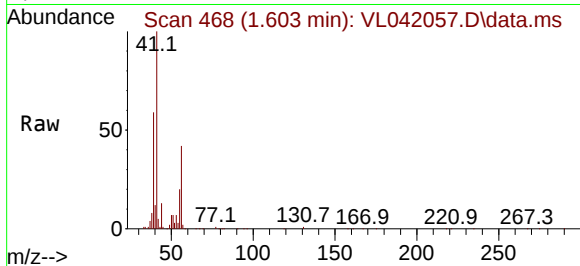




#16
1,3-Butadiene
Concen: 1.980 ppbv
RT: 1.603 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

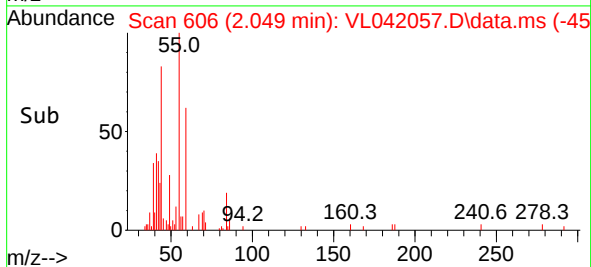
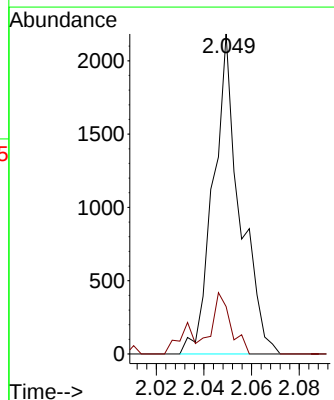
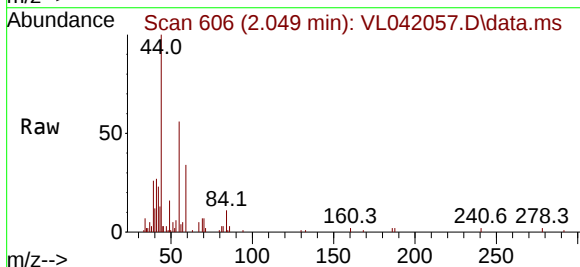
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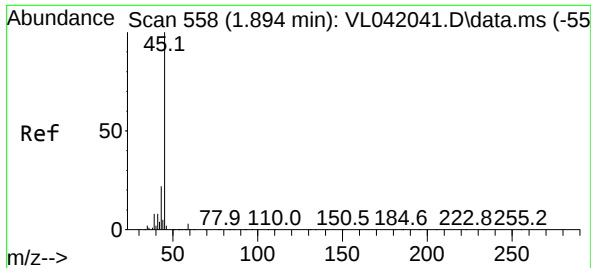
Tgt Ion: 39 Resp: 12815
Ion Ratio Lower Upper
39 100
54 18.2 59.6 89.4#



#17
tert-Butyl alcohol
Concen: 0.097 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.000 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

Tgt Ion: 59 Resp: 1691
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#

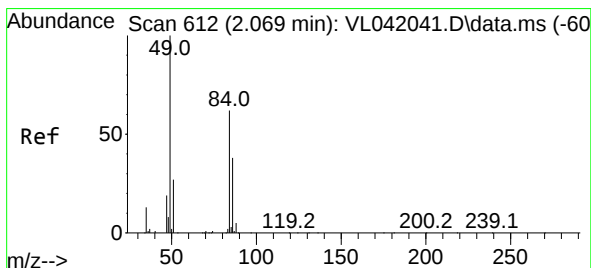
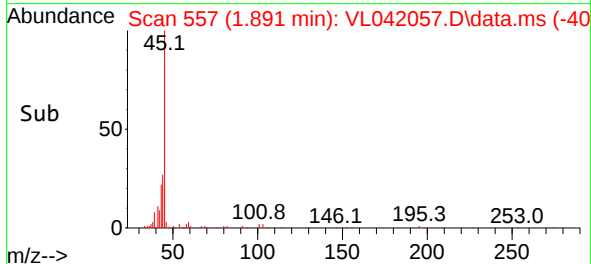
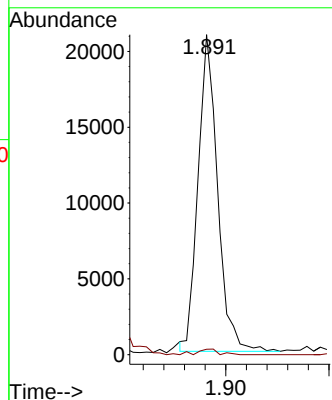
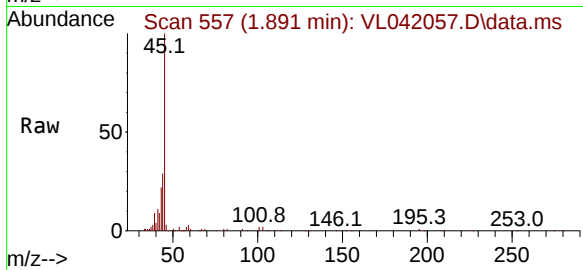




#19
Isopropyl Alcohol
Concen: 1.720 ppbv
RT: 1.891 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

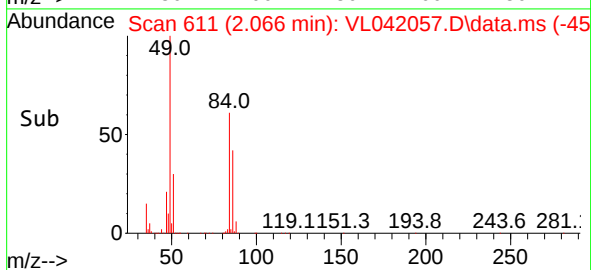
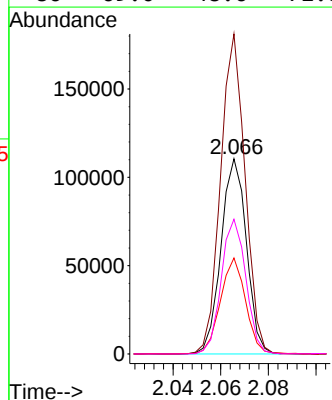
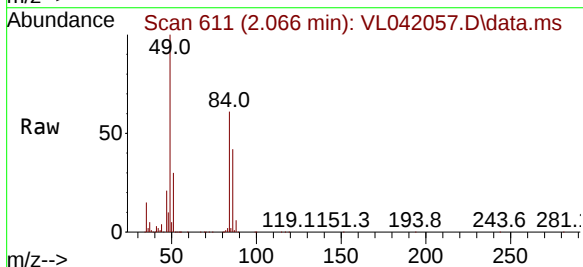
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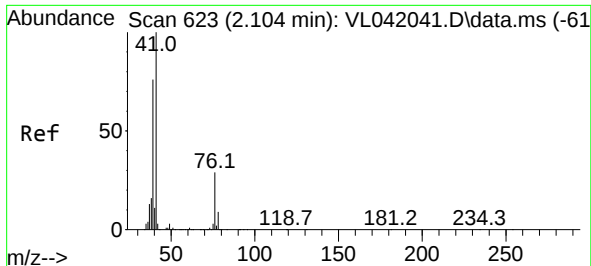
Tgt Ion: 45 Resp: 13738
Ion Ratio Lower Upper
45 100
58 107.9 35.3 52.9#



#20
Methylene Chloride
Concen: 15.566 ppbv
RT: 2.066 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

Tgt Ion: 84 Resp: 81880
Ion Ratio Lower Upper
84 100
49 163.9 130.0 195.0
51 49.0 37.4 56.0
86 69.0 48.6 72.8

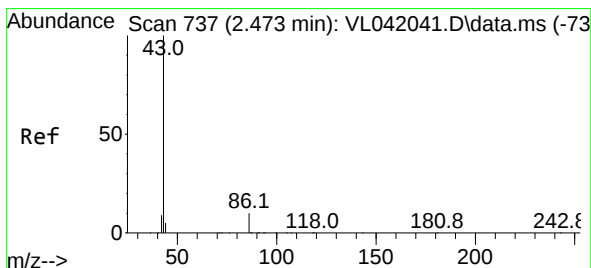
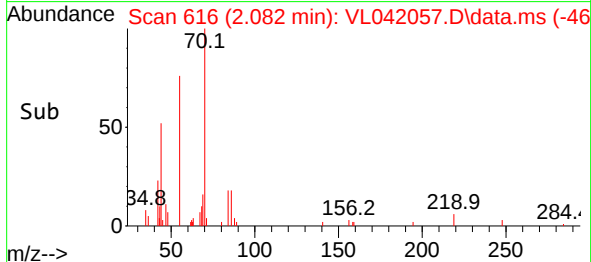
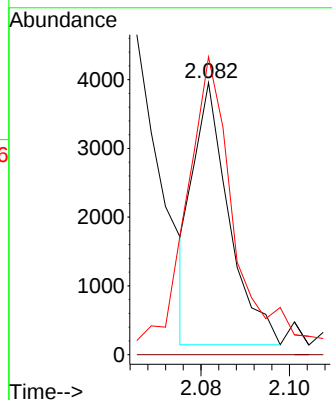
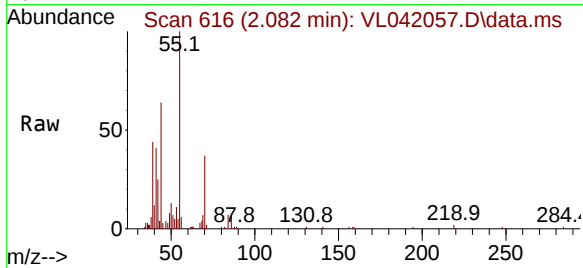




#21
 Allyl Chloride
 Concen: 0.212 ppbv
 RT: 2.082 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: VL042057.D
 Acq: 26 Feb 2025 12:48

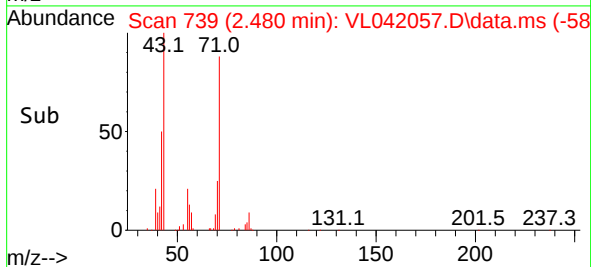
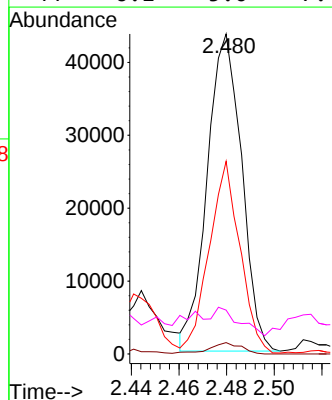
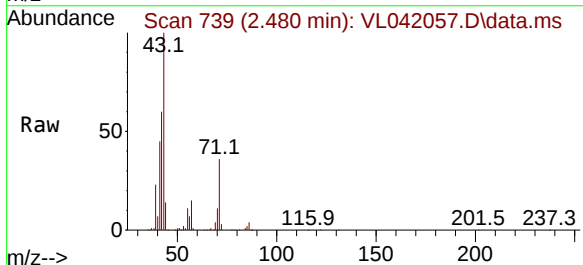
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

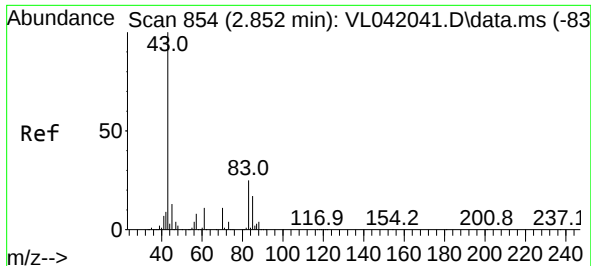
Tgt Ion: 41 Resp: 2126
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.8 35.6#
 39 238.4 63.8 95.6#



#23
 Vinyl Acetate
 Concen: 4.471 ppbv
 RT: 2.480 min Scan# 739
 Delta R.T. 0.007 min
 Lab File: VL042057.D
 Acq: 26 Feb 2025 12:48

Tgt Ion: 43 Resp: 43715
 Ion Ratio Lower Upper
 43 100
 86 3.6 7.0 10.4#
 42 60.5 7.6 11.4#
 44 6.1 5.0 7.4

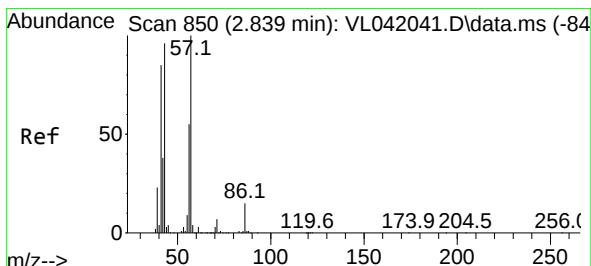
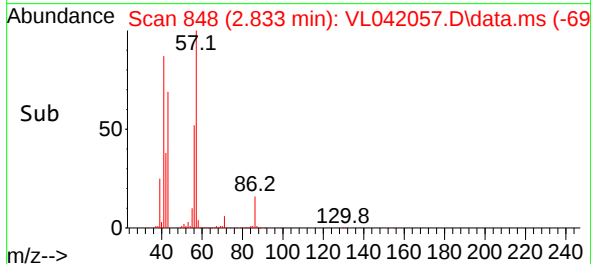
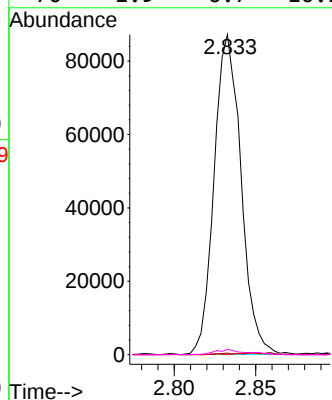
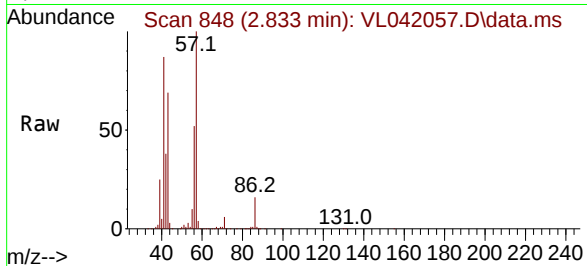




#25
Ethyl Acetate
Concen: 1.793 ppbv
RT: 2.833 min Scan# 848
Delta R.T. -0.019 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

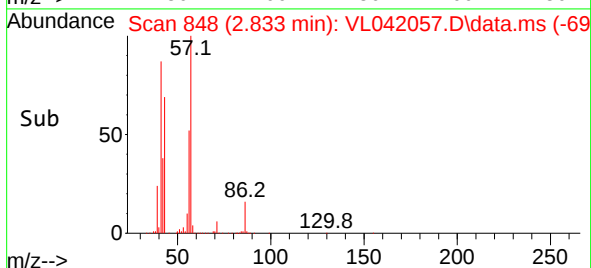
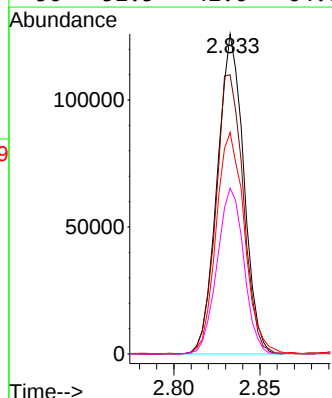
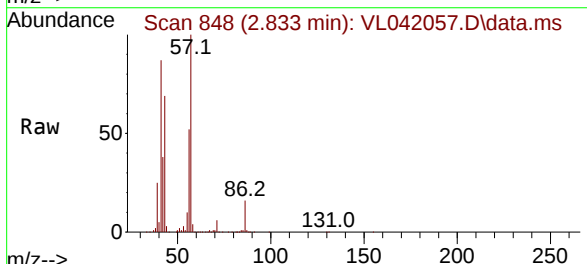
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

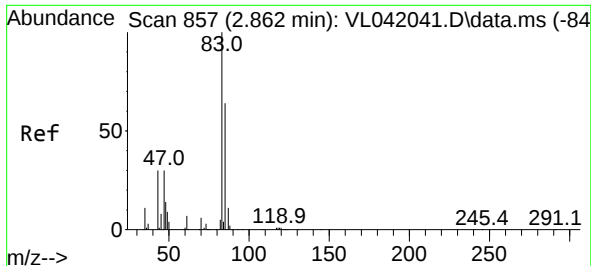
Tgt Ion: 43 Resp: 99781
Ion Ratio Lower Upper
43 100
45 0.9 8.1 12.1#
61 0.7 7.2 10.8#
70 1.9 6.7 10.1#



#26
Hexane
Concen: 5.995 ppbv
RT: 2.833 min Scan# 848
Delta R.T. -0.006 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

Tgt Ion: 57 Resp: 134902
Ion Ratio Lower Upper
57 100
41 90.7 70.6 106.0
43 75.1 199.4 299.0#
56 52.5 42.6 64.0





#29

Chloroform

Concen: 0.263 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

Instrument :

MSVOA_L

ClientSampleId :

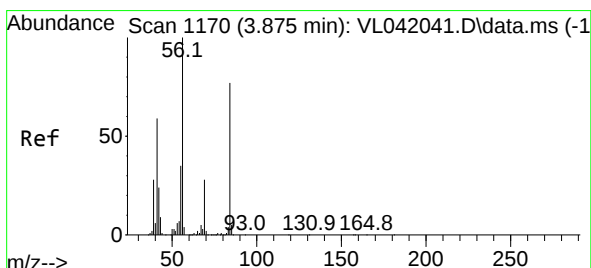
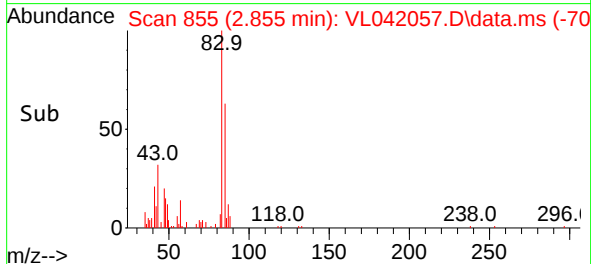
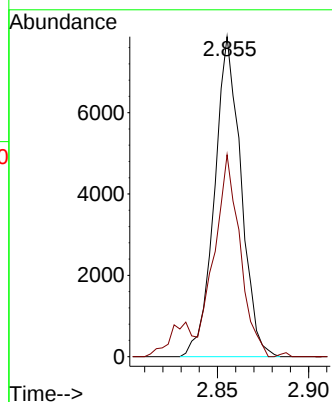
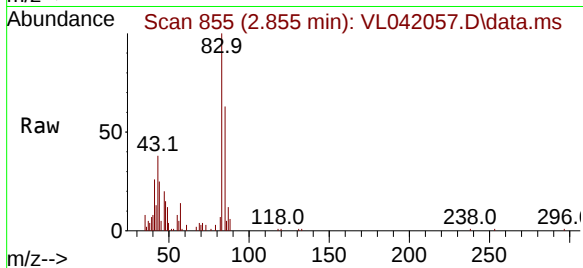
IA1DUP

Tgt Ion: 83 Resp: 7960

Ion Ratio Lower Upper

83 100

85 62.4 51.2 76.8



#30

Cyclohexane

Concen: 0.264 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. -0.006 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

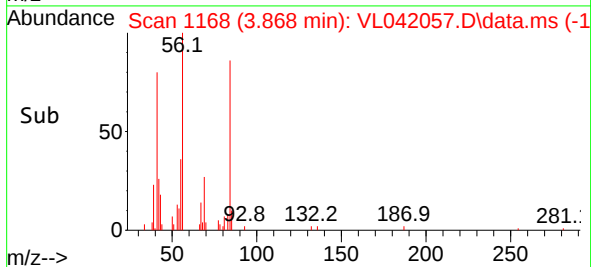
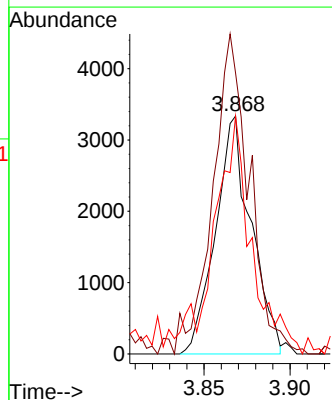
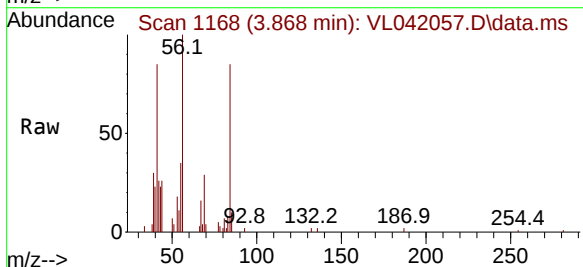
Tgt Ion: 84 Resp: 4816

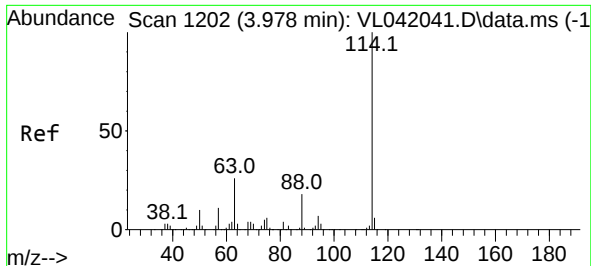
Ion Ratio Lower Upper

84 100

56 138.3 101.5 152.3

41 119.8 62.6 93.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.969 min Scan# 1199

Delta R.T. -0.010 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

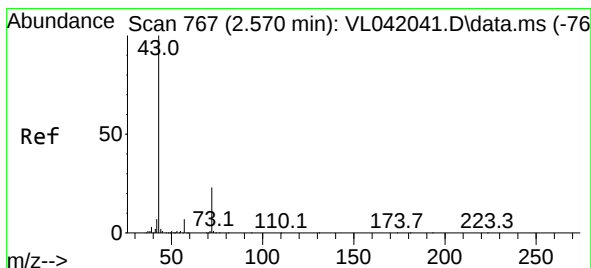
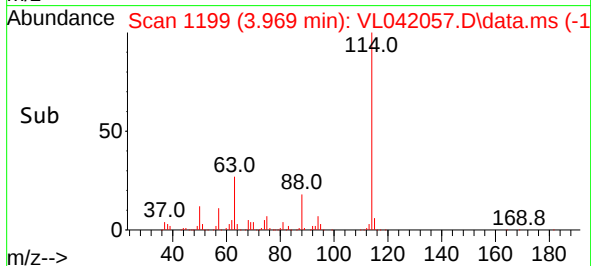
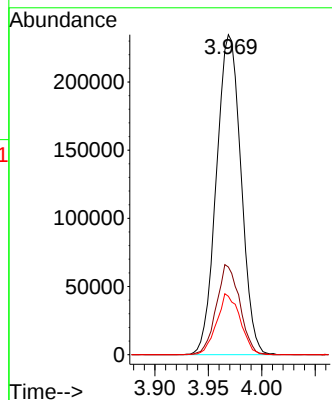
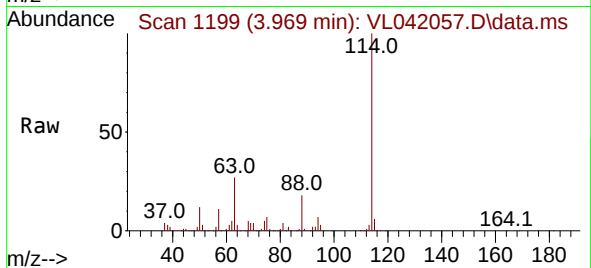
Tgt Ion:114 Resp: 376491

Ion Ratio Lower Upper

114 100

63 26.7 20.1 30.1

88 18.2 14.3 21.5



#34

2-Butanone

Concen: 0.505 ppbv

RT: 2.567 min Scan# 766

Delta R.T. -0.003 min

Lab File: VL042057.D

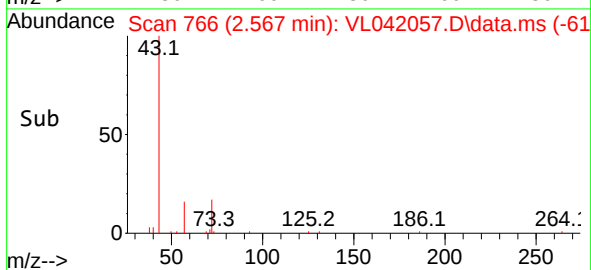
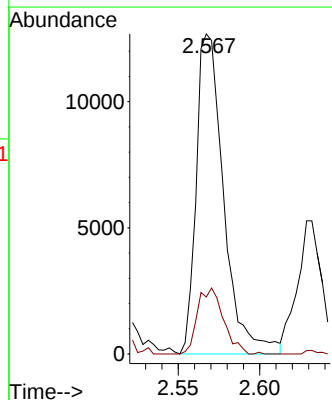
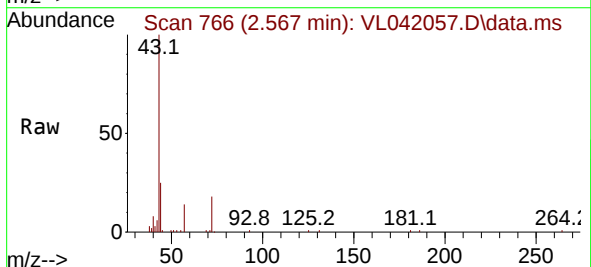
Acq: 26 Feb 2025 12:48

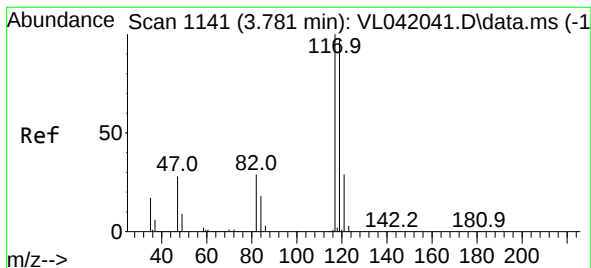
Tgt Ion: 43 Resp: 14826

Ion Ratio Lower Upper

43 100

72 19.5 18.5 27.7





#35

Carbon Tetrachloride

Concen: 0.041 ppbv

RT: 3.768 min Scan# 1141

Delta R.T. -0.013 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

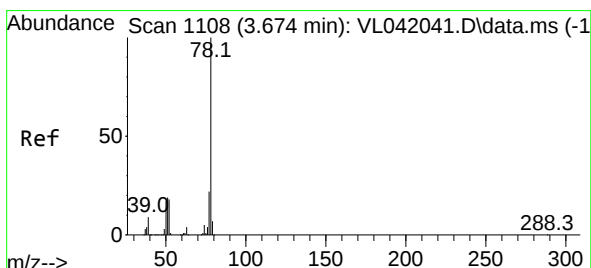
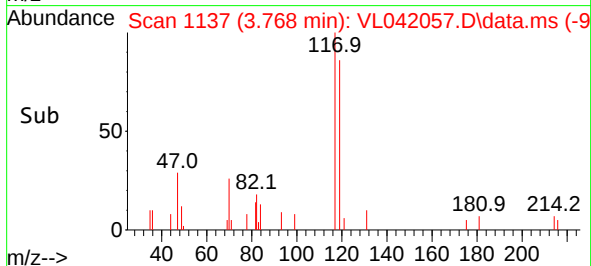
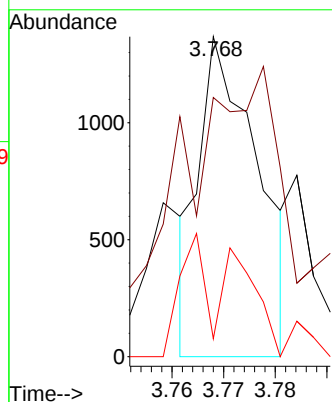
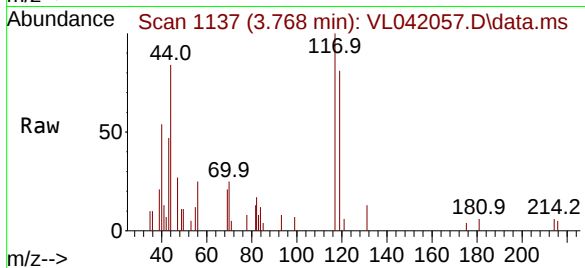
Tgt Ion:117 Resp: 1075

Ion Ratio Lower Upper

117 100

119 38.9 77.8 116.8#

121 10.0 23.4 35.0#



#36

Benzene

Concen: 3.767 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. -0.010 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

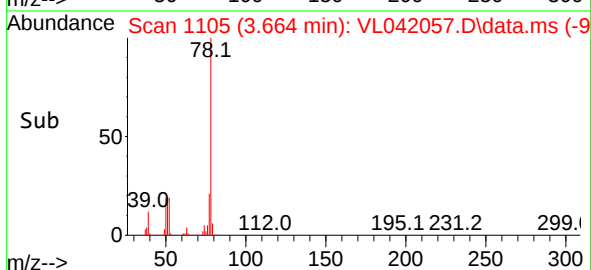
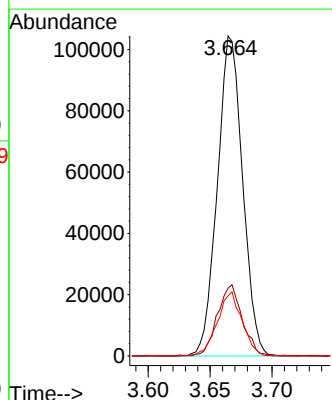
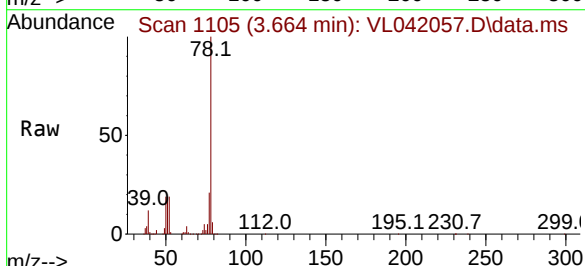
Tgt Ion: 78 Resp: 148455

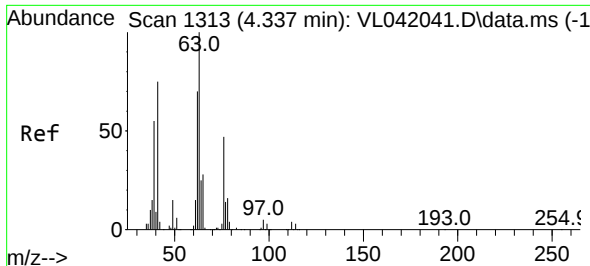
Ion Ratio Lower Upper

78 100

77 21.1 17.7 26.5

50 18.8 13.9 20.9





#39

1,2-Dichloropropane

Concen: 6.721 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.372 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

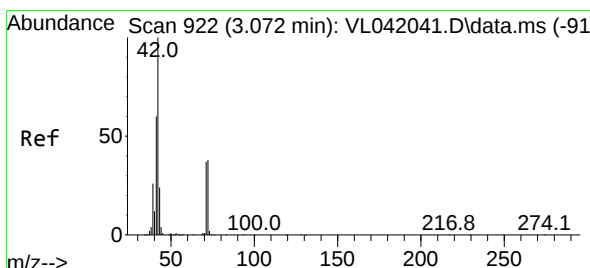
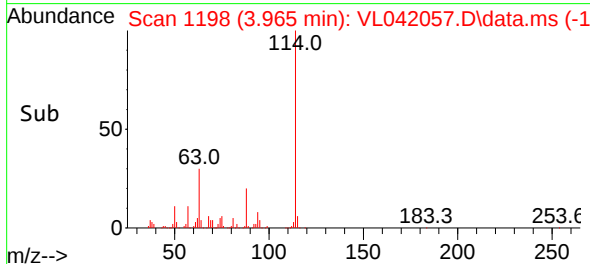
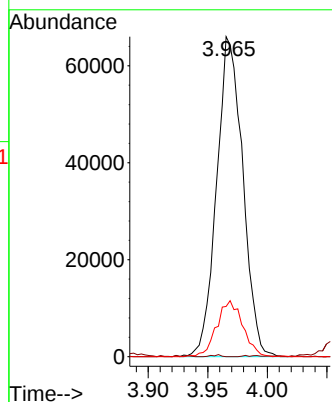
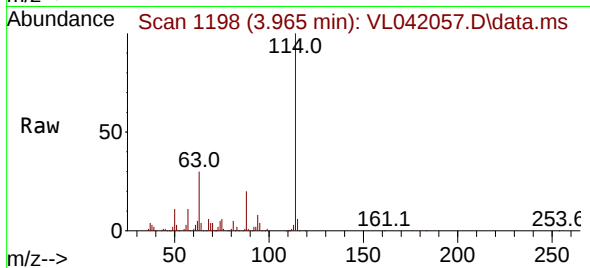
Tgt Ion: 63 Resp: 100547

Ion Ratio Lower Upper

63 100

41 0.0 60.1 90.1#

62 15.7 55.8 83.8#



#41

Tetrahydrofuran

Concen: 0.238 ppbv

RT: 3.240 min Scan# 974

Delta R.T. 0.168 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

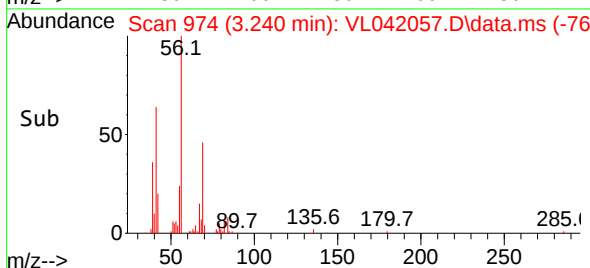
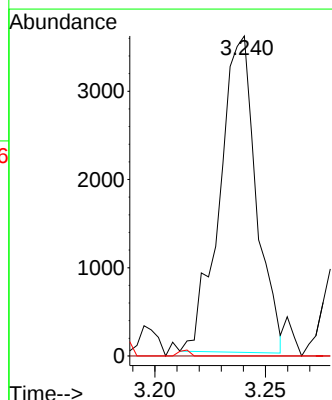
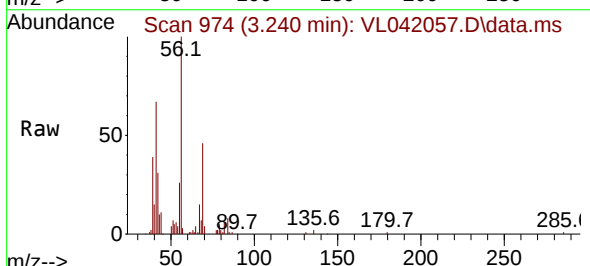
Tgt Ion: 42 Resp: 4126

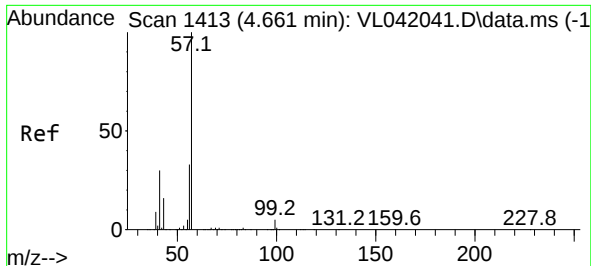
Ion Ratio Lower Upper

42 100

72 2.2 30.2 45.2#

71 0.0 28.2 42.4#





#44

2,2,4-Trimethylpentane

Concen: 1.317 ppbv

RT: 4.652 min Scan# 1410

Delta R.T. -0.010 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

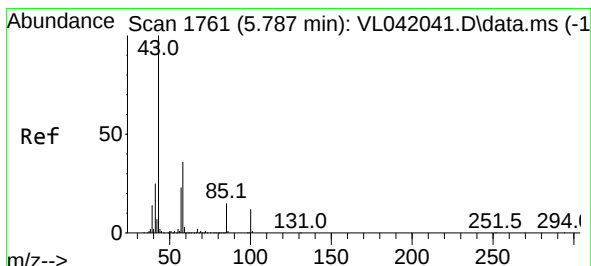
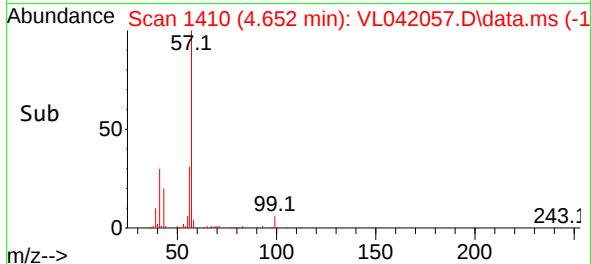
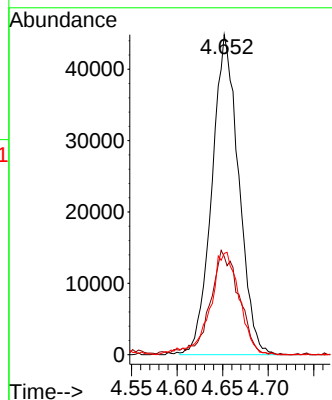
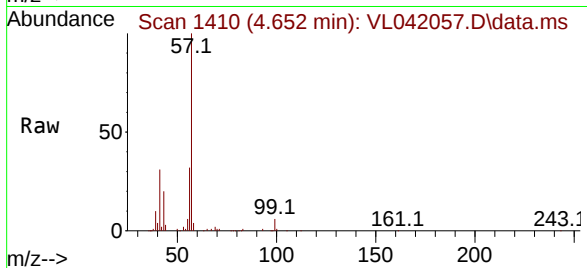
Tgt Ion: 57 Resp: 91605

Ion Ratio Lower Upper

57 100

41 35.8 24.4 36.6

56 35.2 26.5 39.7



#50

4-Methyl-2-Pentanone

Concen: 0.193 ppbv

RT: 5.788 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VL042057.D

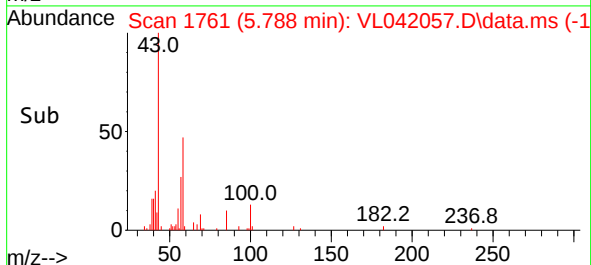
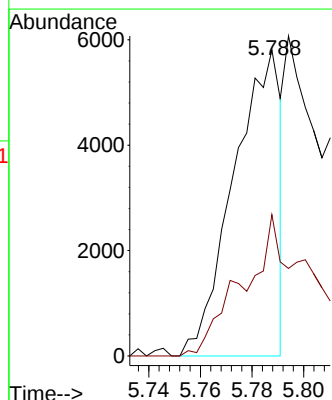
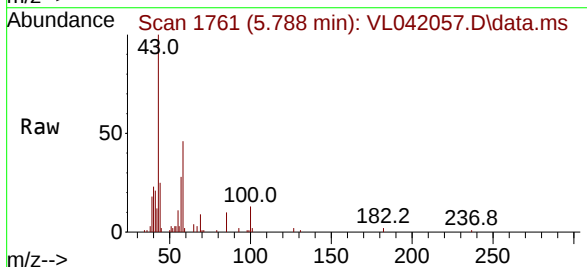
Acq: 26 Feb 2025 12:48

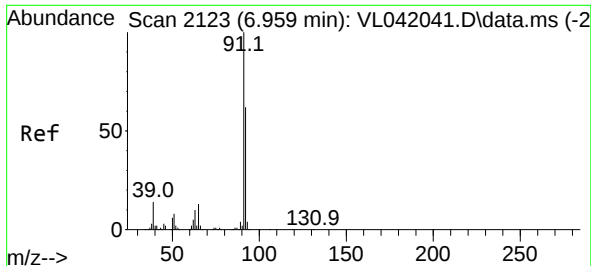
Tgt Ion: 43 Resp: 7304

Ion Ratio Lower Upper

43 100

58 76.7 29.3 43.9#

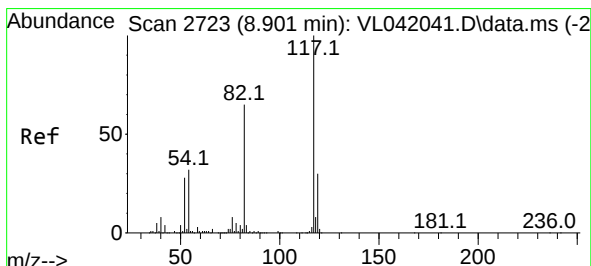
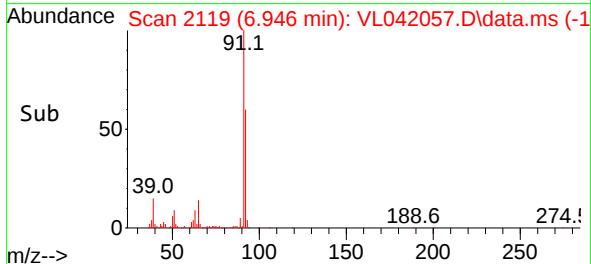
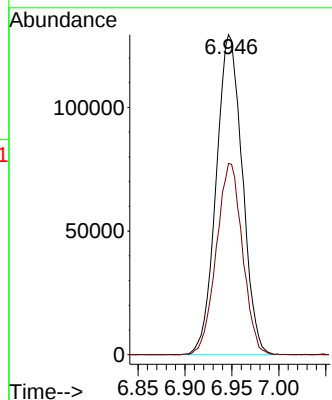
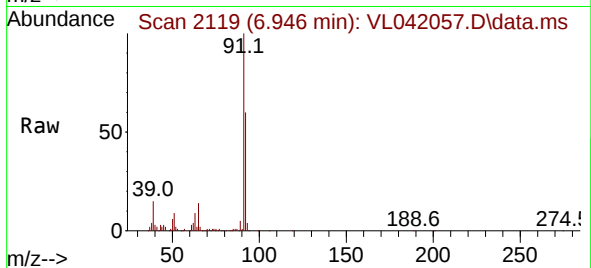




#53
Toluene
Concen: 5.677 ppbv
RT: 6.946 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

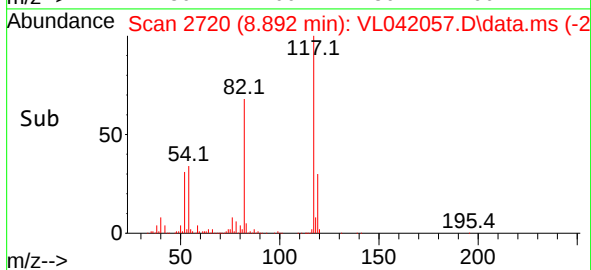
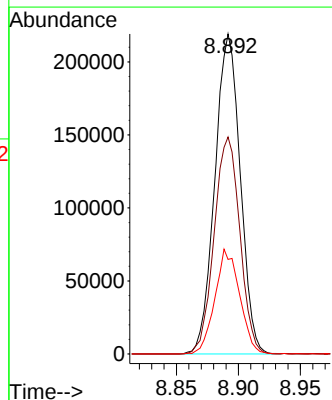
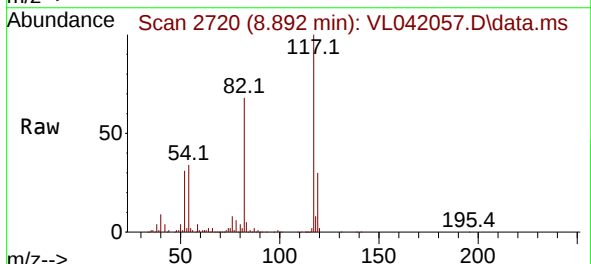
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

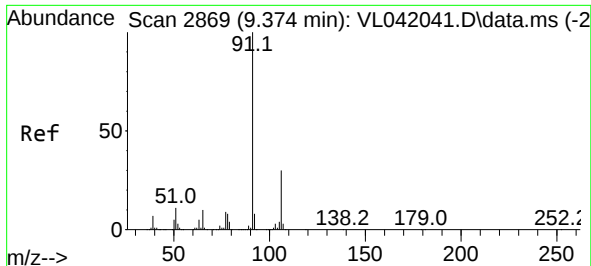
Tgt Ion: 91 Resp: 250049
Ion Ratio Lower Upper
91 100
92 59.9 49.0 73.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.892 min Scan# 2720
Delta R.T. -0.010 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

Tgt Ion: 117 Resp: 312935
Ion Ratio Lower Upper
117 100
82 68.6 55.0 82.6
119 32.0 25.9 38.9





#58

Ethyl Benzene

Concen: 0.578 ppbv

RT: 9.364 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

Instrument :

MSVOA_L

ClientSampleId :

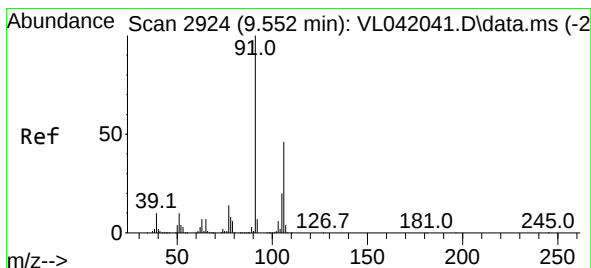
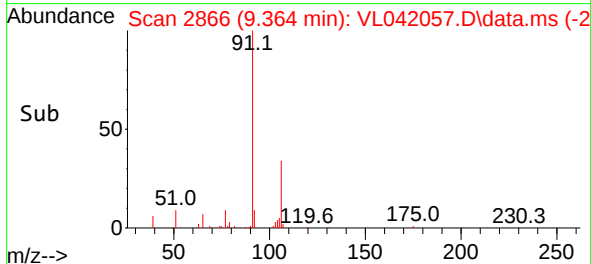
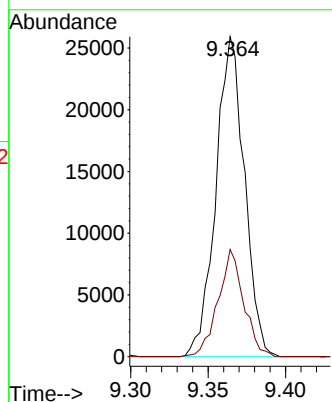
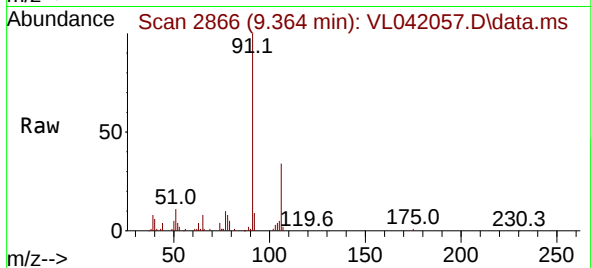
IA1DUP

Tgt Ion: 91 Resp: 33306

Ion Ratio Lower Upper

91 100

106 33.5 24.2 36.2



#59

m/p-Xylene

Concen: 2.287 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. -0.010 min

Lab File: VL042057.D

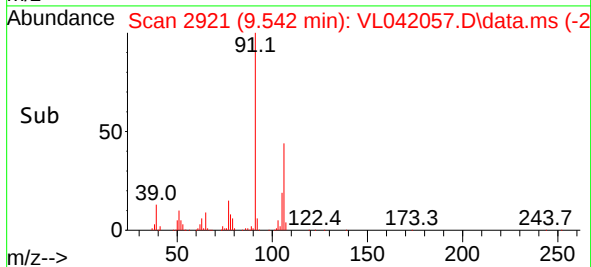
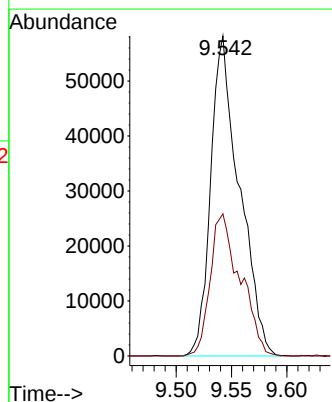
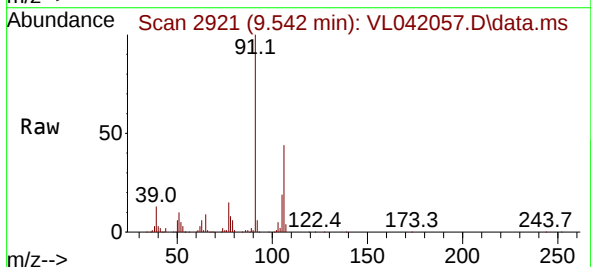
Acq: 26 Feb 2025 12:48

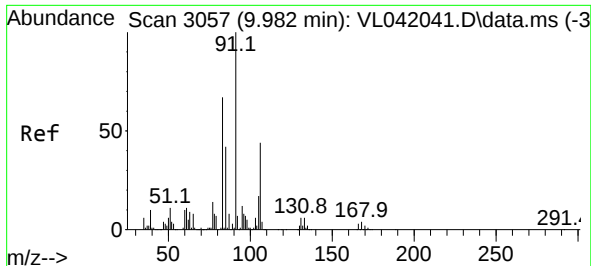
Tgt Ion: 91 Resp: 104874

Ion Ratio Lower Upper

91 100

106 46.8 0.0 0.0#

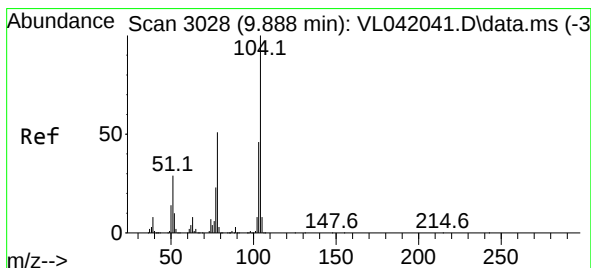
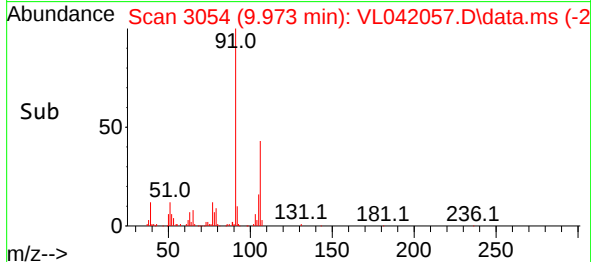
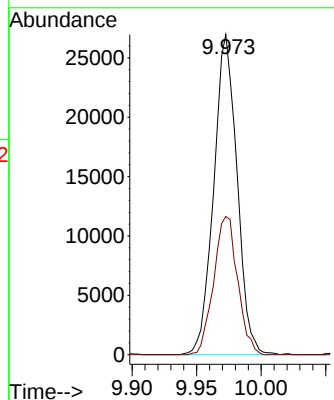
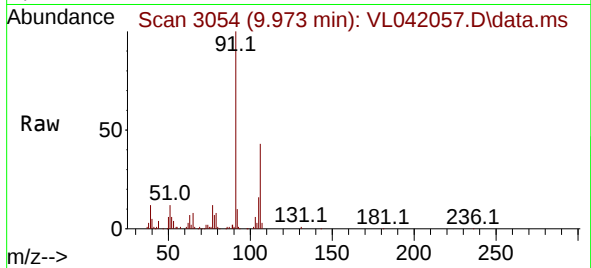




#60
o-Xylene
Concen: 0.733 ppbv
RT: 9.973 min Scan# 3057
Delta R.T. -0.010 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

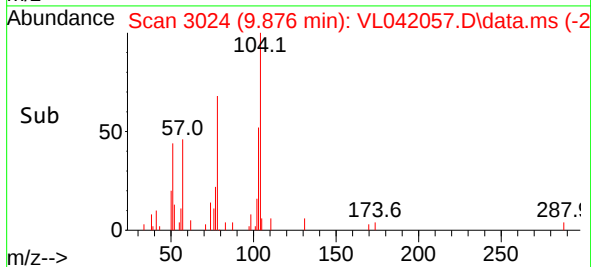
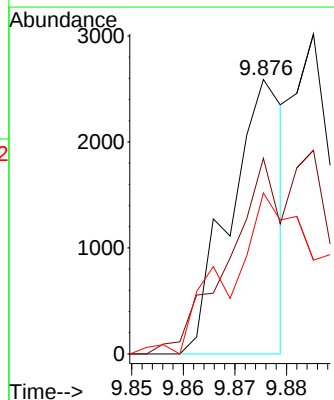
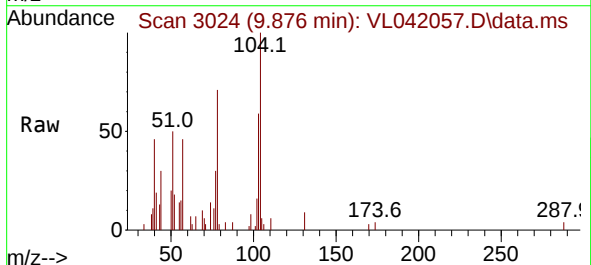
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

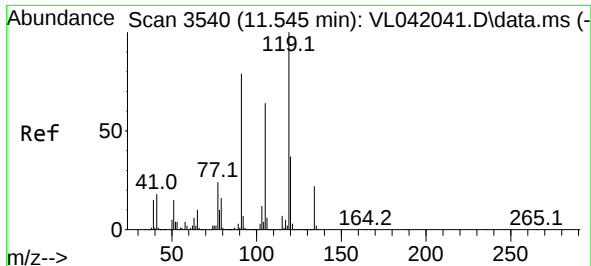
Tgt Ion: 91 Resp: 33778
Ion Ratio Lower Upper
91 100
106 44.3 22.3 66.8



#61
Styrene
Concen: 0.086 ppbv
RT: 9.876 min Scan# 3024
Delta R.T. -0.013 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

Tgt Ion: 104 Resp: 1856
Ion Ratio Lower Upper
104 100
78 0.0 41.0 61.4#
103 108.5 37.0 55.6#

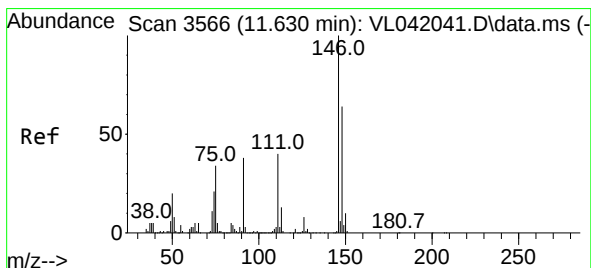
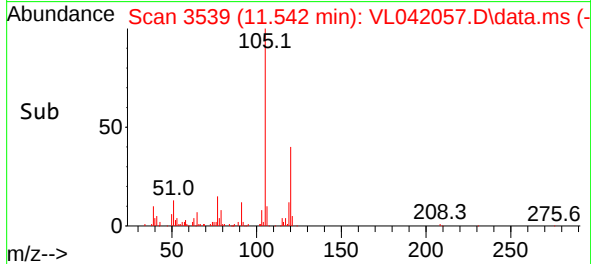
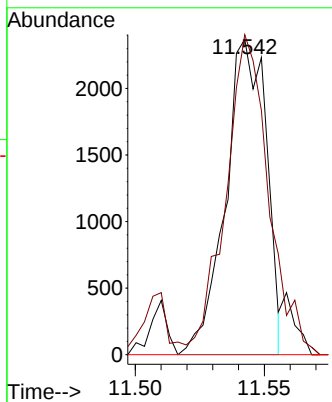
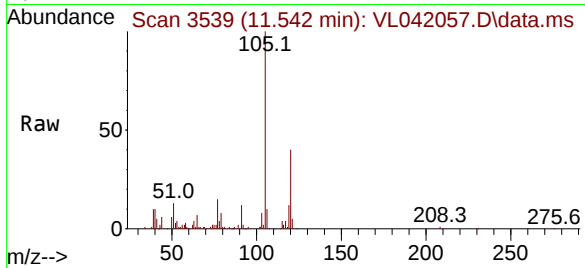




#65
tert-Butylbenzene
Concen: 0.042 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

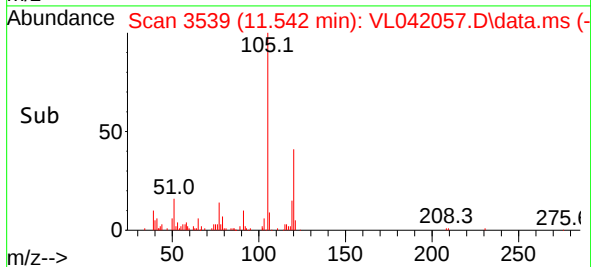
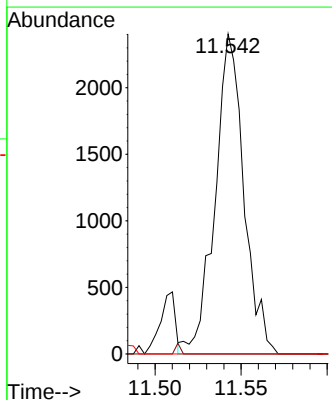
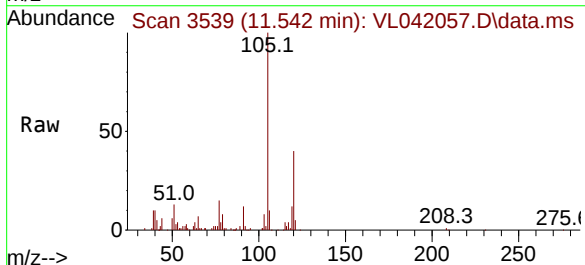
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

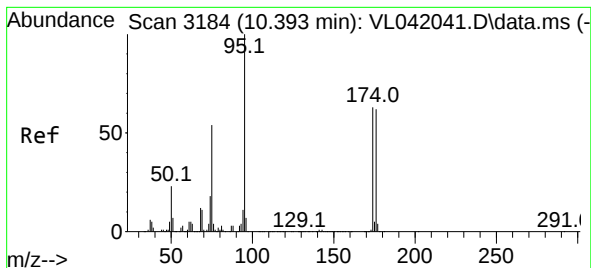
Tgt Ion: 119 Resp: 2617
Ion Ratio Lower Upper
119 100
91 118.3 64.2 96.2#
134 0.0 17.4 26.2#



#66
Benzyl Chloride
Concen: 0.585 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.087 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

Tgt Ion: 91 Resp: 2804
Ion Ratio Lower Upper
91 100
126 0.0 14.5 21.7#
128 0.0 5.4 8.2#

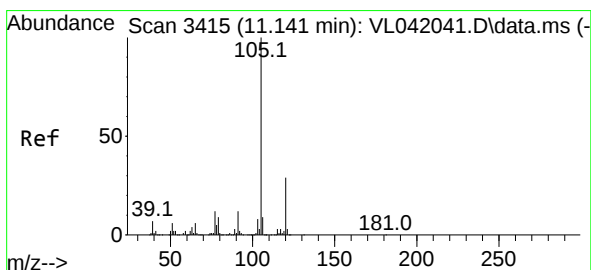
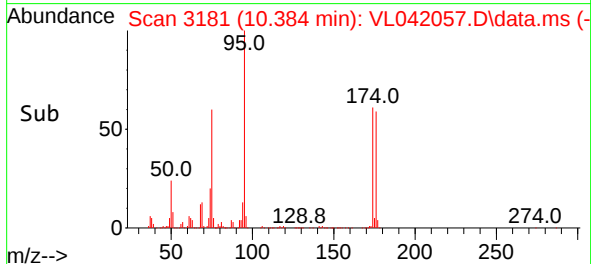
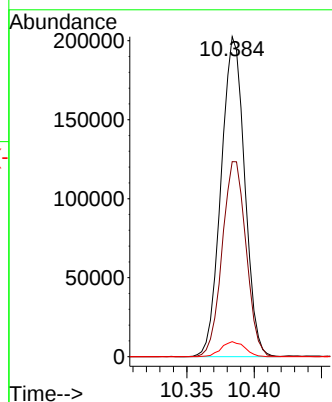
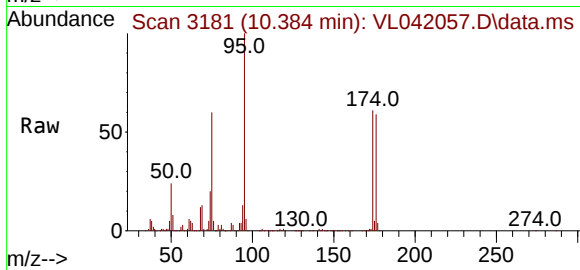




#68
1-Bromo-4-Fluorobenzene
Concen: 10.232 ppbv
RT: 10.384 min Scan# 3184
Delta R.T. -0.009 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

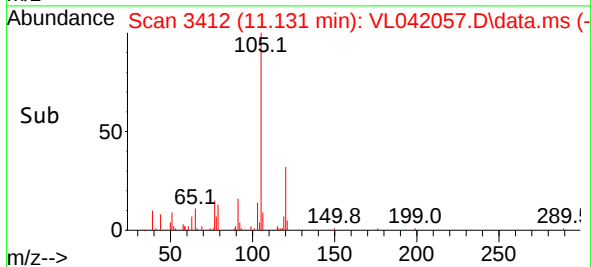
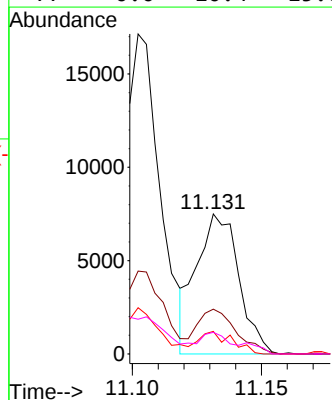
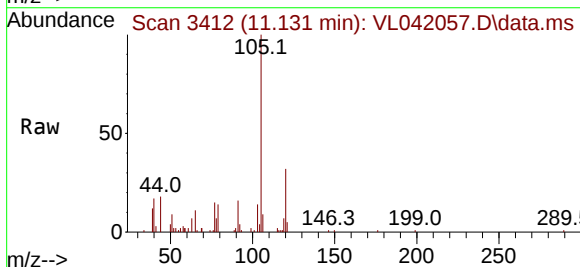
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

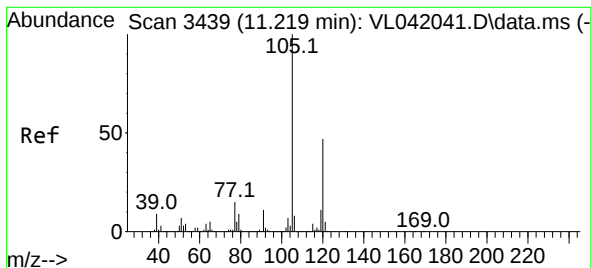
Tgt Ion: 95 Resp: 246340
Ion Ratio Lower Upper
95 100
174 61.9 51.8 77.6
175 4.7 3.9 5.9



#72
4-Ethyltoluene
Concen: 0.152 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.010 min
Lab File: VL042057.D
Acq: 26 Feb 2025 12:48

Tgt Ion: 105 Resp: 8542
Ion Ratio Lower Upper
105 100
120 0.0 24.1 36.1#
91 0.0 10.2 15.4#
77 0.0 10.4 15.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.135 ppbv

RT: 11.212 min Scan# 3439

Delta R.T. -0.006 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

Instrument :

MSVOA_L

ClientSampleId :

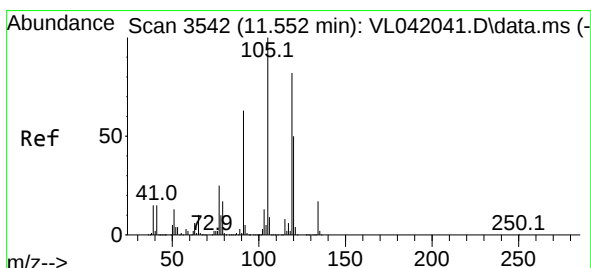
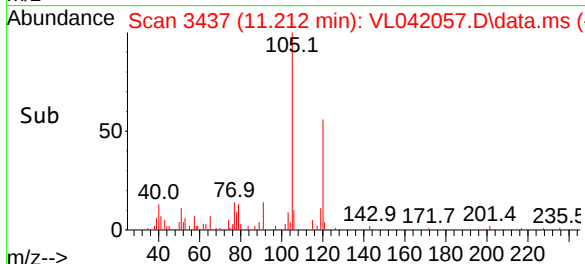
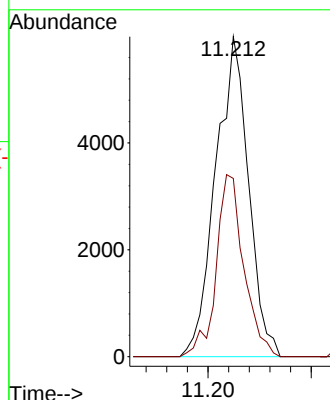
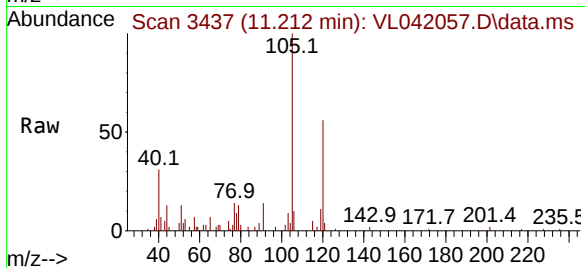
IA1DUP

Tgt Ion:105 Resp: 6591

Ion Ratio Lower Upper

105 100

120 59.6 37.4 56.0#



#74

1,2,4-Trimethylbenzene

Concen: 0.369 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.009 min

Lab File: VL042057.D

Acq: 26 Feb 2025 12:48

Tgt Ion:105 Resp: 20277

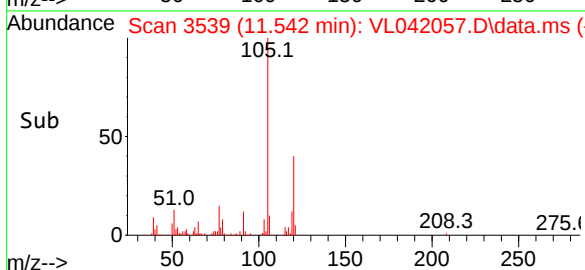
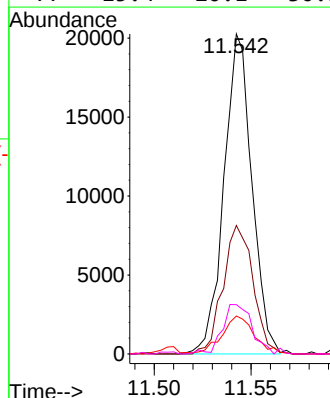
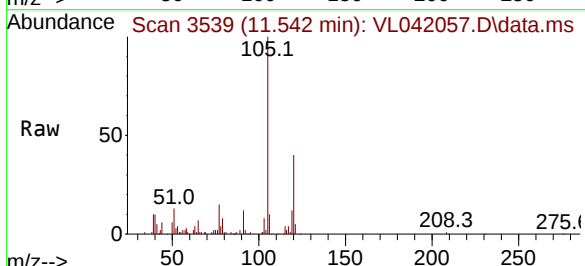
Ion Ratio Lower Upper

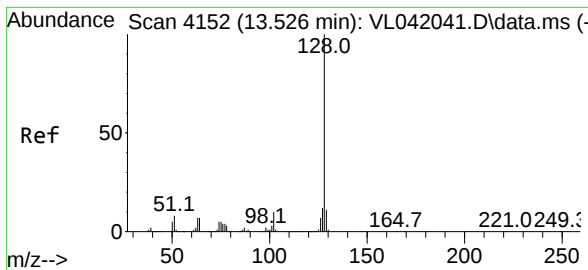
105 100

120 40.2 40.2 60.2

91 11.4 51.4 77.2#

77 15.4 20.1 30.1#





#79
 Naphthalene
 Concen: 0.110 ppbv
 RT: 13.520 min Scan# 4150
 Delta R.T. -0.006 min
 Lab File: VL042057.D
 Acq: 26 Feb 2025 12:48

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Tgt Ion:	128	Resp:	4136
Ion Ratio	Lower	Upper	
128	100		
127	16.7	9.8	14.6#
129	26.3	8.6	12.8#

