

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043067.D
 Acq On : 08 Oct 2025 20:30
 Operator : SY/MD
 Sample : Q3306-03 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Oct 09 01:22:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

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

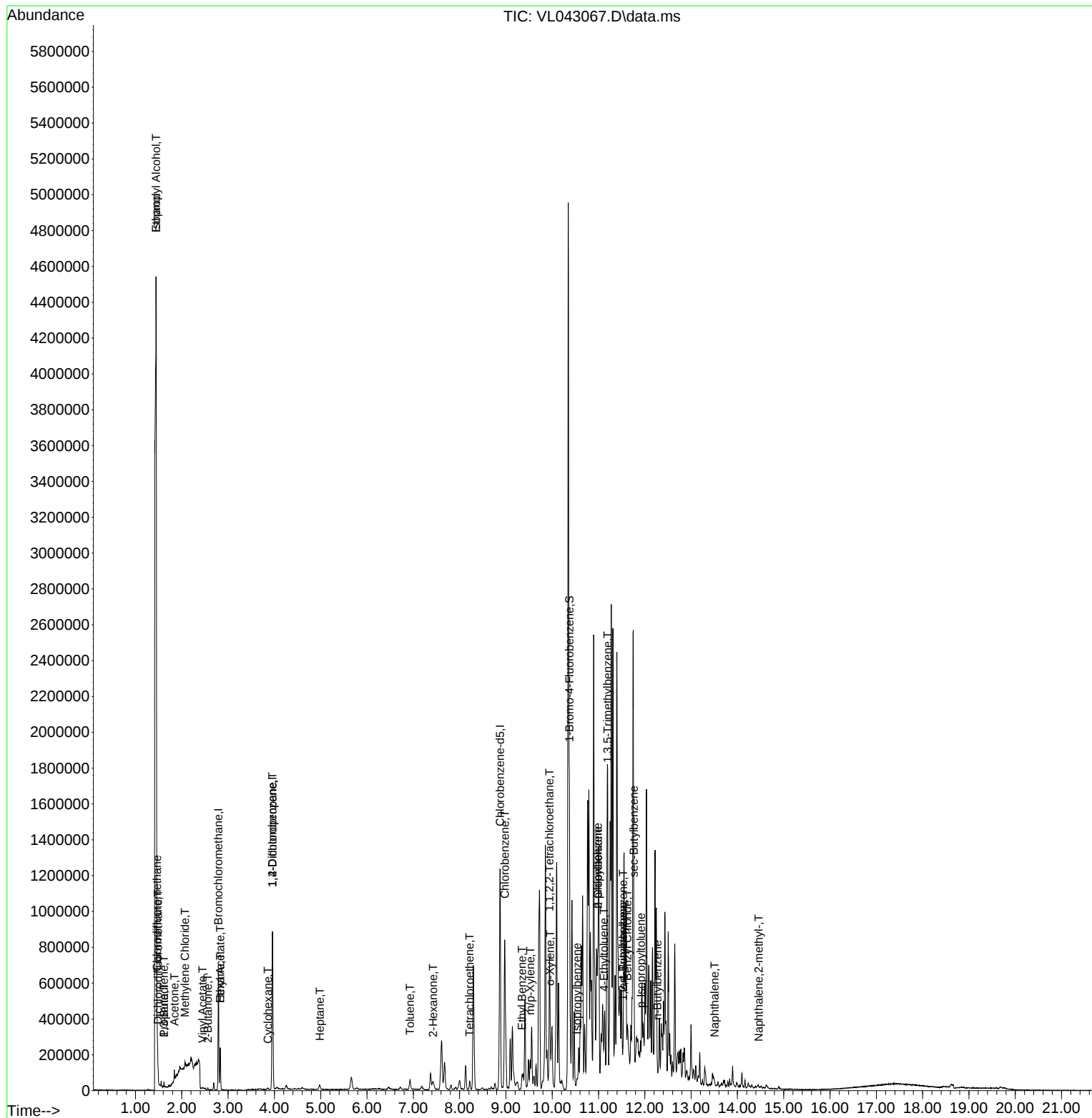
Internal Standards						
1) Bromochloromethane	2.790	49	191364	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.959	114	519787	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.875	117	486482	10.000	ppbv	0.01

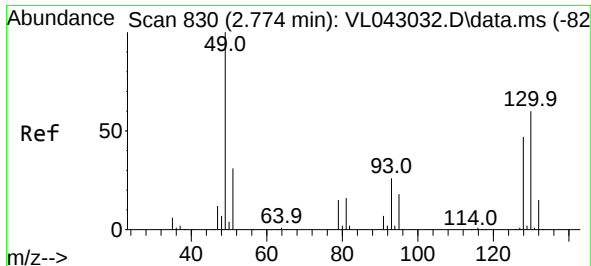
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	362344	10.339	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.489	85	2946	0.091	ppbv	98
3) Chlorodifluoromethane	1.466	51	2797	0.090	ppbv #	81
9) Propene	1.615	41	2805	0.223	ppbv	96
10) Heptane	4.981	43	5238	0.169	ppbv #	50
13) Ethanol	1.444	45	203585	445.302	ppbv #	1
15) Acetone	1.839	43	25441	0.949	ppbv	95
16) 1,3-Butadiene	1.615	39	1496	0.135	ppbv #	42
19) Isopropyl Alcohol	1.444	45	203585	15.858	ppbv #	26
20) Methylene Chloride	2.068	84	3802	0.325	ppbv	94
23) Vinyl Acetate	2.450	43	1211	0.213	ppbv #	79
25) Ethyl Acetate	2.829	43	38352	0.571	ppbv #	78
26) Hexane	2.829	57	53836	2.082	ppbv #	34
30) Cyclohexane	3.858	84	755	0.036	ppbv #	1
34) 2-Butanone	2.560	43	5964	0.169	ppbv	98
39) 1,2-Dichloropropane	3.959	63	129759	7.049	ppbv #	22
51) 2-Hexanone	7.428	43	29648	0.968	ppbv #	64
52) Tetrachloroethene	8.218	164	8567	0.466	ppbv	87
53) Toluene	6.930	91	37247	0.743	ppbv	95
57) Chlorobenzene	8.975	112	43983	0.855	ppbv #	37
58) Ethyl Benzene	9.348	91	35188	0.467	ppbv	93
59) m/p-Xylene	9.526	91	99454	1.565	ppbv	98
60) o-Xylene	9.956	91	49872	0.788	ppbv	97
62) Isopropylbenzene	10.536	105	13707	0.141	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.943	83	13046	0.287	ppbv #	25
64) n-propylbenzene	10.982	120	6698	0.269	ppbv #	60
65) tert-Butylbenzene	11.532	119	4943	0.057	ppbv #	1
66) Benzyl Chloride	11.626	91	2276	0.688	ppbv #	42
67) sec-Butylbenzene	11.762	105	19444	0.161	ppbv #	63
69) p-Isopropyltoluene	11.918	119	6704	0.068	ppbv	90
70) n-Butylbenzene	12.270	91	2861	0.030	ppbv #	59
71) 2-Chlorotoluene	10.982	91	36230	0.515	ppbv	74
72) 4-Ethyltoluene	11.121	105	16795	0.223	ppbv #	50
73) 1,3,5-Trimethylbenzene	11.199	105	24240	0.372	ppbv	94
74) 1,2,4-Trimethylbenzene	11.529	105	39190	0.533	ppbv #	58
79) Naphthalene	13.507	128	1732	0.263	ppbv #	67
80) Naphthalene,2-methyl-	14.458	142	1759	0.719	ppbv #	74

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

Quant Time: Oct 09 01:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration

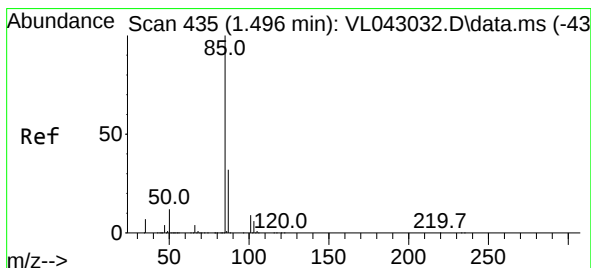
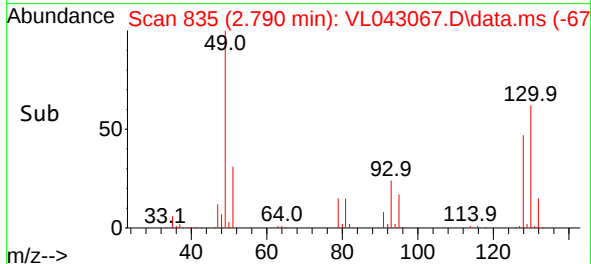
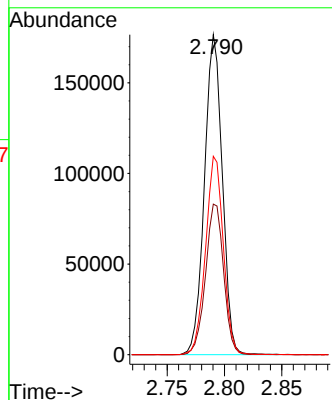
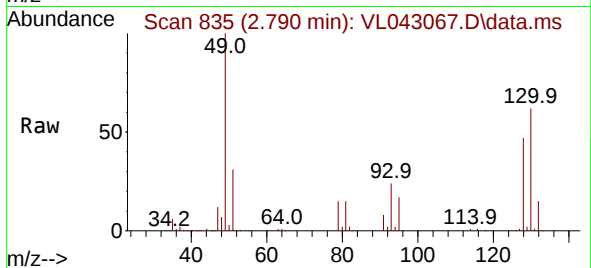




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. 0.016 min
 Lab File: VL043067.D
 Acq: 08 Oct 2025 20:30

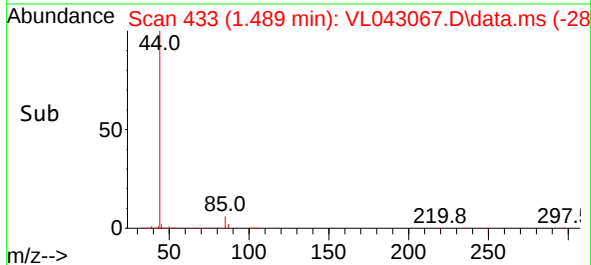
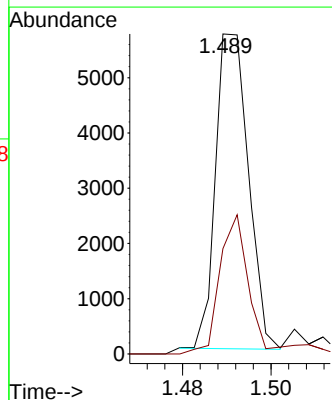
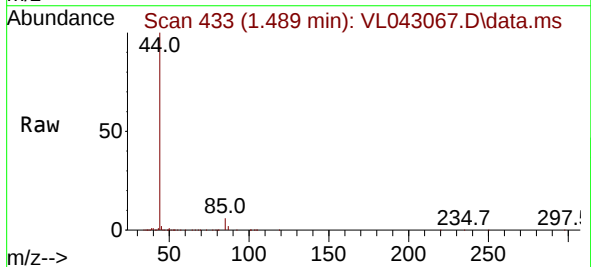
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

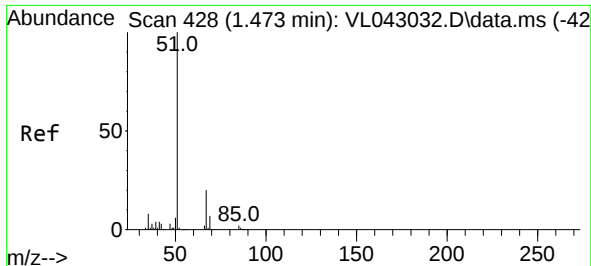
Tgt Ion: 49 Resp: 191364
 Ion Ratio Lower Upper
 49 100
 128 47.8 24.1 72.2
 130 61.7 31.4 94.3



#2
 Dichlorodifluoromethane
 Concen: 0.091 ppbv
 RT: 1.489 min Scan# 433
 Delta R.T. -0.006 min
 Lab File: VL043067.D
 Acq: 08 Oct 2025 20:30

Tgt Ion: 85 Resp: 2946
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.8 38.6

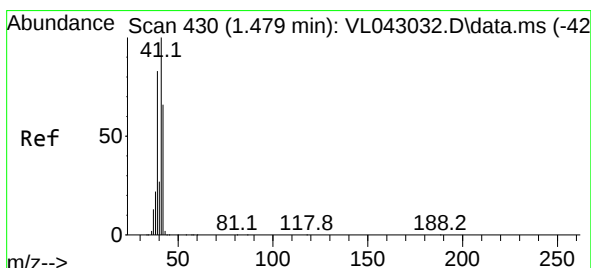
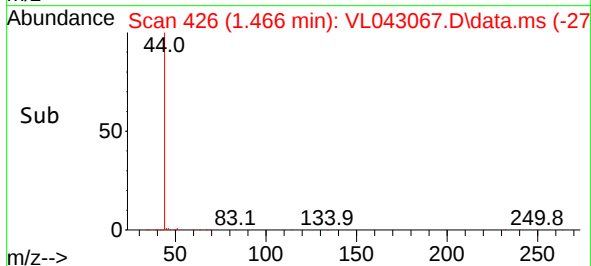
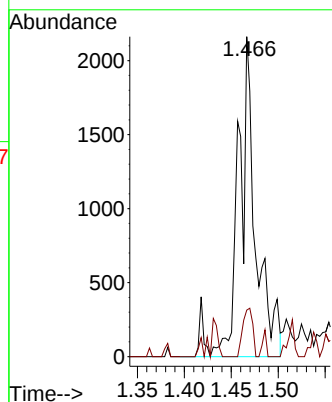
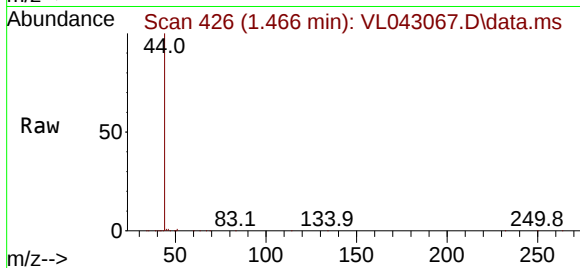




#3
Chlorodifluoromethane
Concen: 0.090 ppbv
RT: 1.466 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

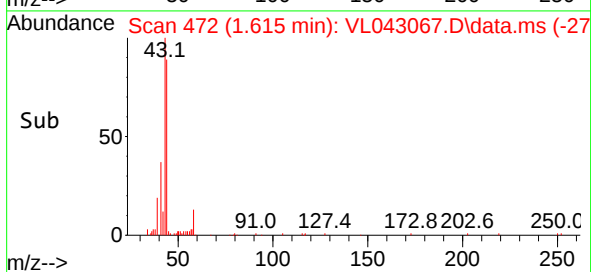
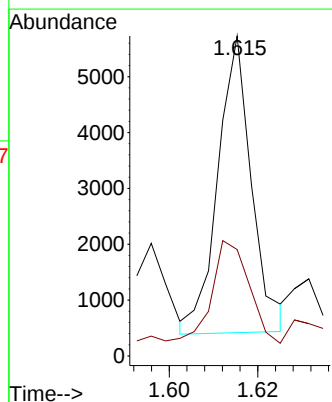
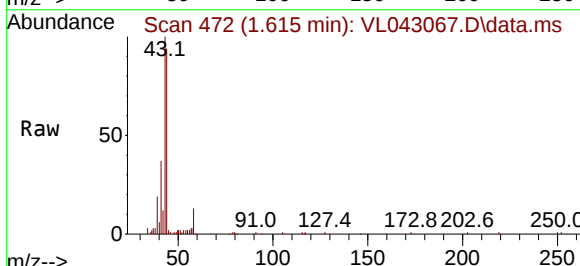
Instrument :
MSVOA_L
ClientSampleId :
SV1

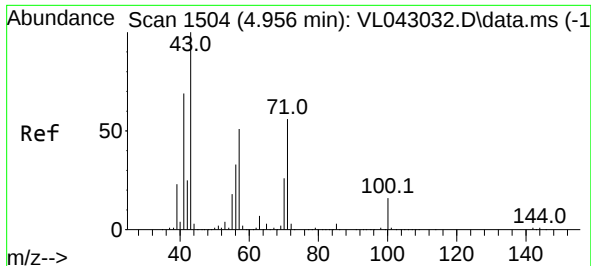
Tgt Ion: 51 Resp: 2797
Ion Ratio Lower Upper
51 100
67 10.3 15.1 22.7#



#9
Propene
Concen: 0.223 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.136 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion: 41 Resp: 2805
Ion Ratio Lower Upper
41 100
42 69.8 53.3 79.9

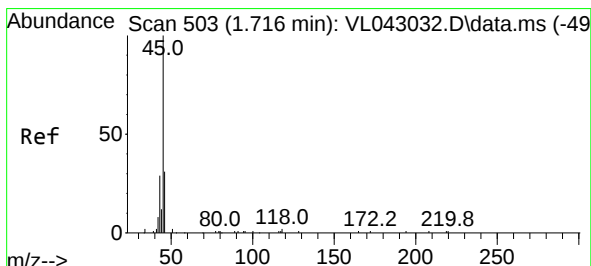
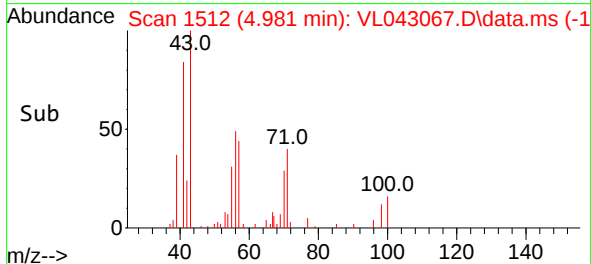
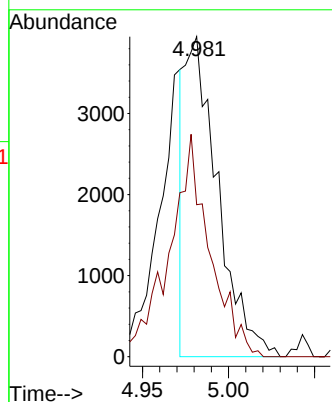
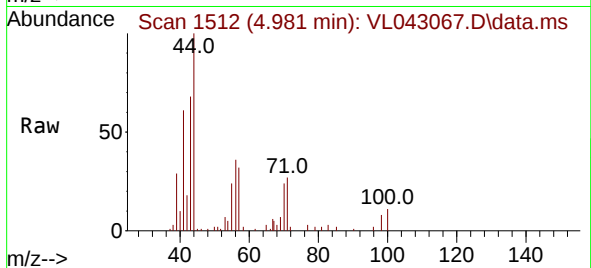




#10
Heptane
Concen: 0.169 ppbv
RT: 4.981 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

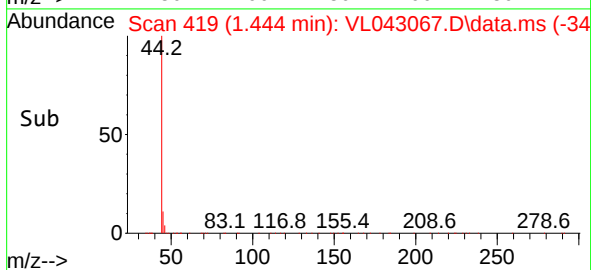
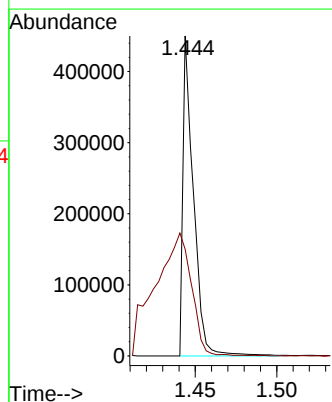
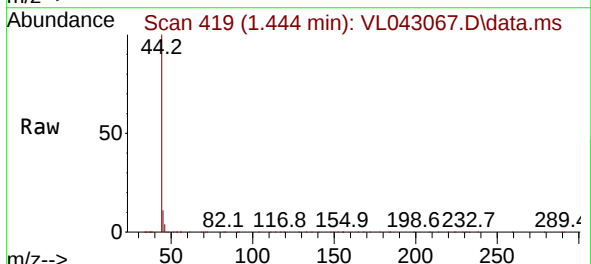
Instrument :
MSVOA_L
ClientSampleId :
SV1

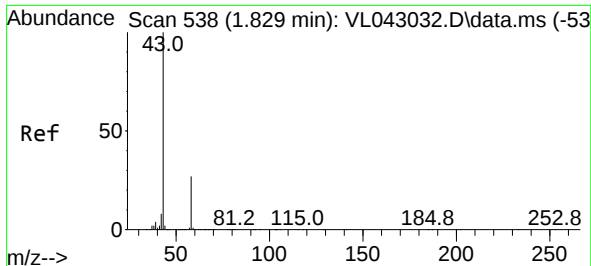
Tgt Ion: 43 Resp: 5238
Ion Ratio Lower Upper
43 100
57 85.3 40.3 60.5#



#13
Ethanol
Concen: 445.302 ppbv
RT: 1.444 min Scan# 419
Delta R.T. -0.272 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion: 45 Resp: 203585
Ion Ratio Lower Upper
45 100
46 131.8 17.8 71.4#





#15

Acetone

Concen: 0.949 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.010 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

Instrument :

MSVOA_L

ClientSampleId :

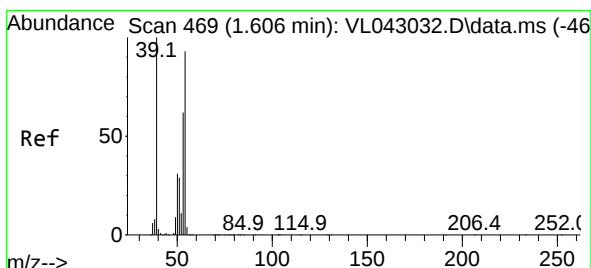
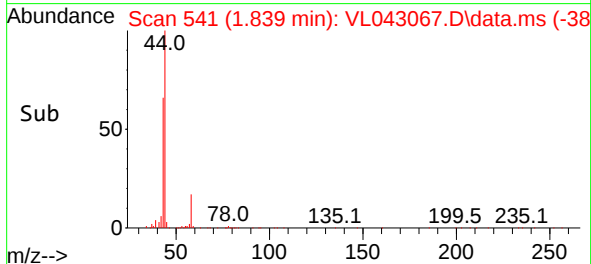
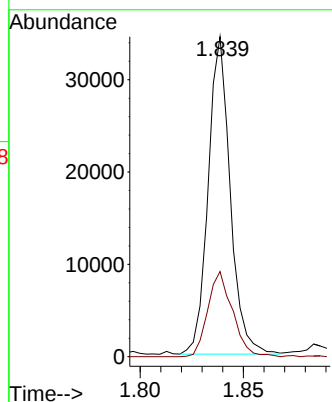
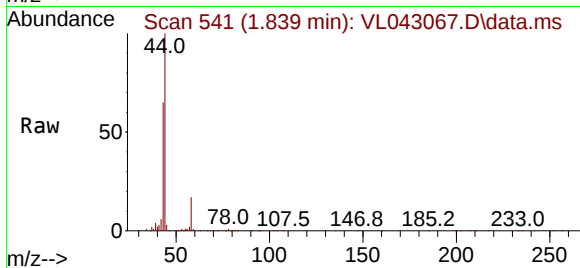
SV1

Tgt Ion: 43 Resp: 25441

Ion Ratio Lower Upper

43 100

58 30.5 22.2 33.4



#16

1,3-Butadiene

Concen: 0.135 ppbv

RT: 1.615 min Scan# 472

Delta R.T. 0.010 min

Lab File: VL043067.D

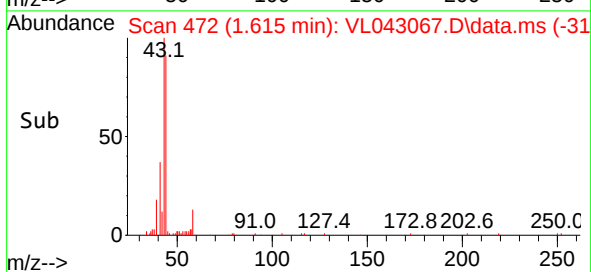
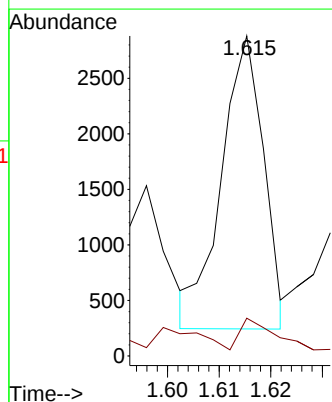
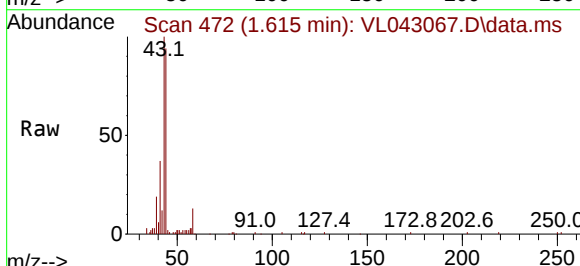
Acq: 08 Oct 2025 20:30

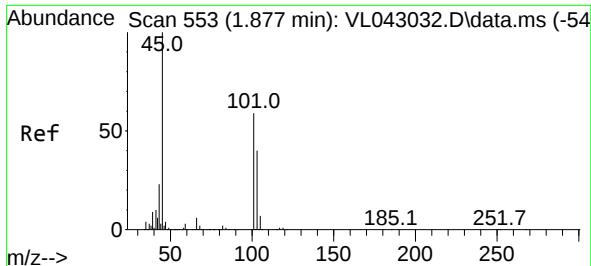
Tgt Ion: 39 Resp: 1496

Ion Ratio Lower Upper

39 100

54 26.4 61.4 92.2#





#19

Isopropyl Alcohol

Concen: 15.858 ppbv

RT: 1.444 min Scan# 41

Delta R.T. -0.434 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

Instrument :

MSVOA_L

ClientSampleId :

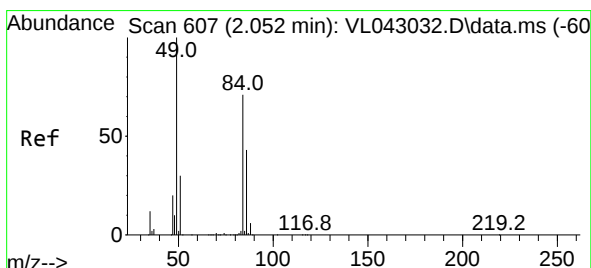
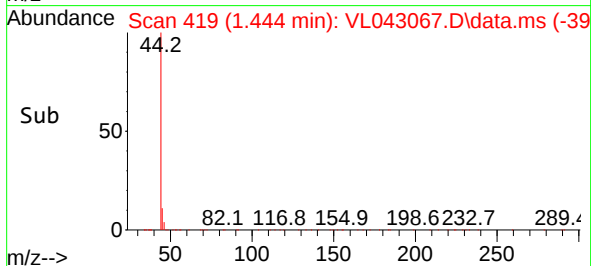
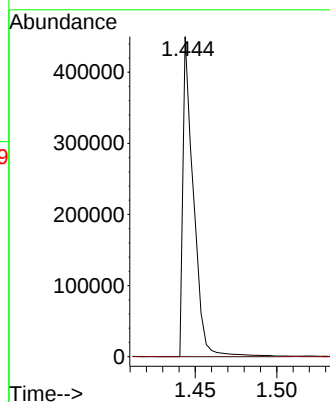
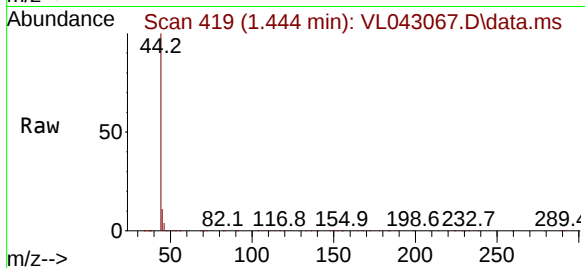
SV1

Tgt Ion: 45 Resp: 203585

Ion Ratio Lower Upper

45 100

58 0.8 42.3 63.5#



#20

Methylene Chloride

Concen: 0.325 ppbv

RT: 2.068 min Scan# 612

Delta R.T. 0.016 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

Tgt Ion: 84 Resp: 3802

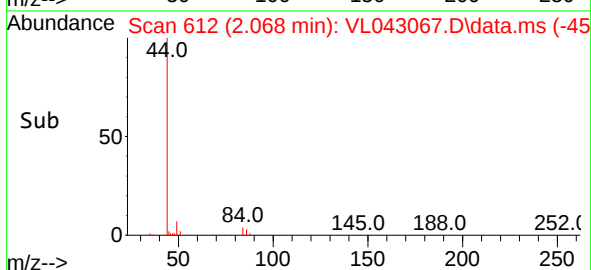
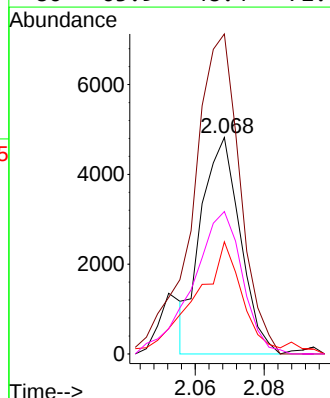
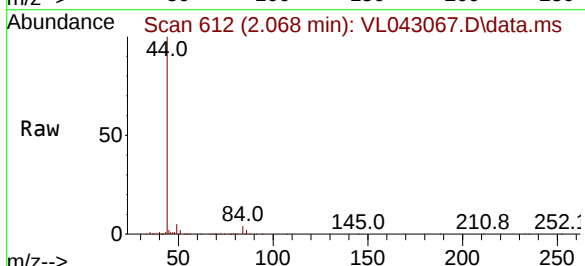
Ion Ratio Lower Upper

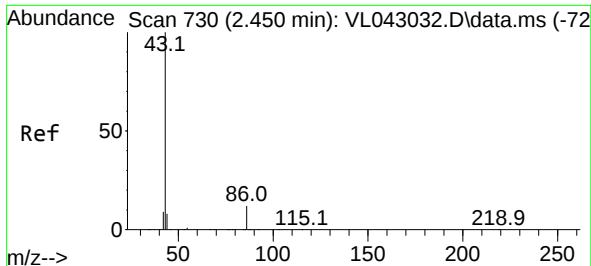
84 100

49 146.5 112.5 168.7

51 49.0 34.2 51.2

86 63.9 48.4 72.6



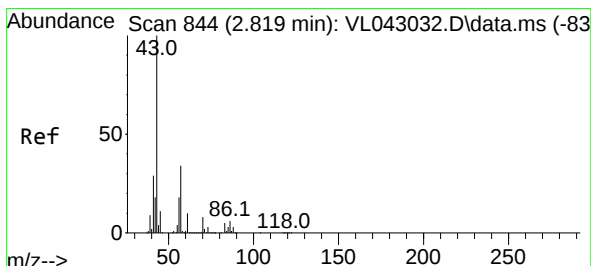
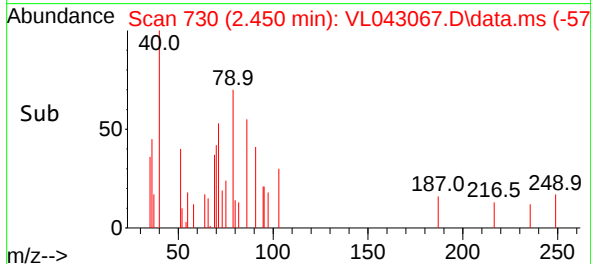
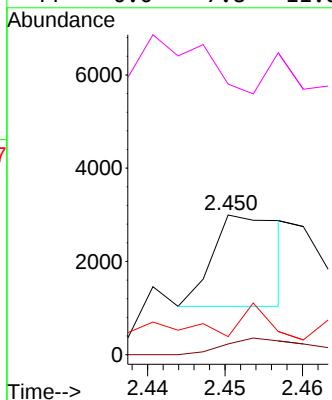
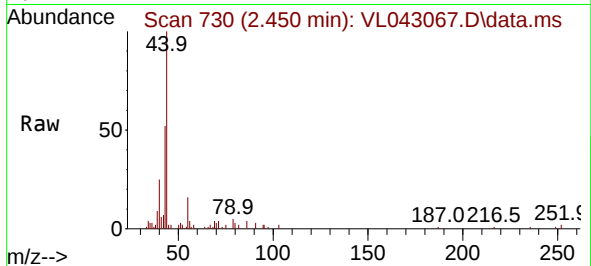


#23
Vinyl Acetate
Concen: 0.213 ppbv
RT: 2.450 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 1211

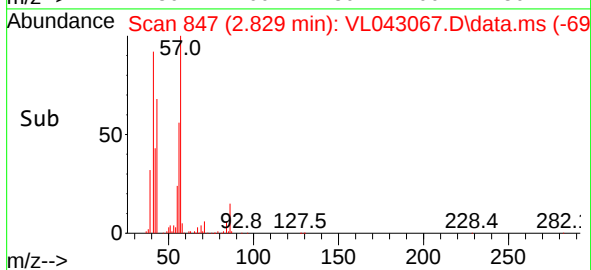
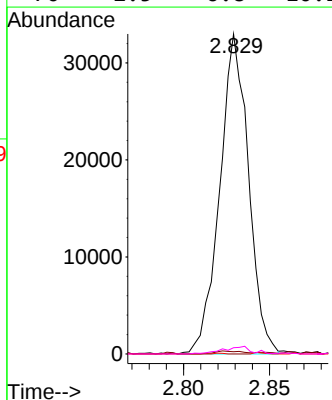
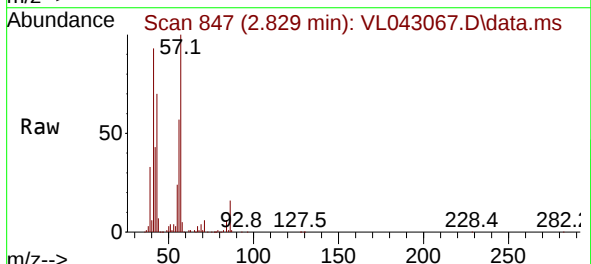
Ion	Ratio	Lower	Upper
43	100		
86	11.8	7.5	11.3#
42	0.0	8.4	12.6#
44	0.0	7.8	11.8#

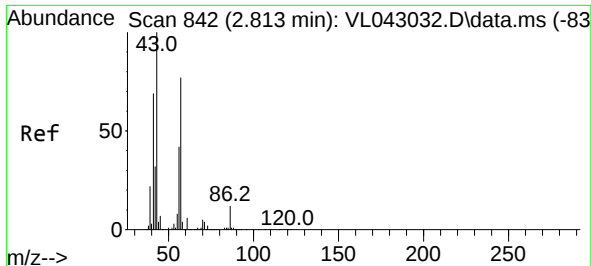


#25
Ethyl Acetate
Concen: 0.571 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.010 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion: 43 Resp: 38352

Ion	Ratio	Lower	Upper
43	100		
45	1.5	8.3	12.5#
61	0.1	7.5	11.3#
70	2.5	6.8	10.2#

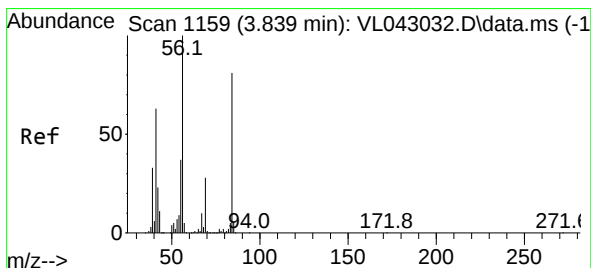
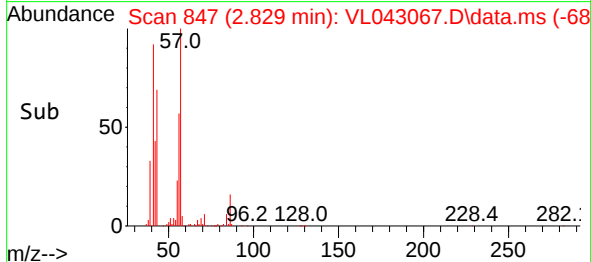
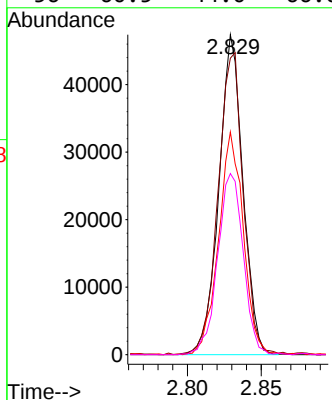
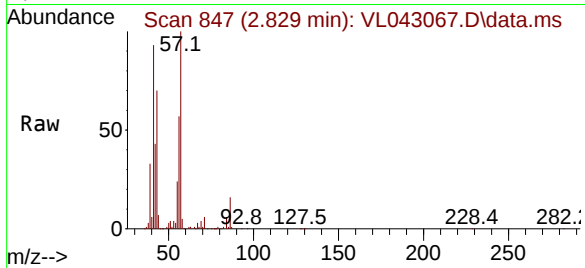




#26
Hexane
Concen: 2.082 ppbv
RT: 2.829 min Scan# 84
Delta R.T. 0.016 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

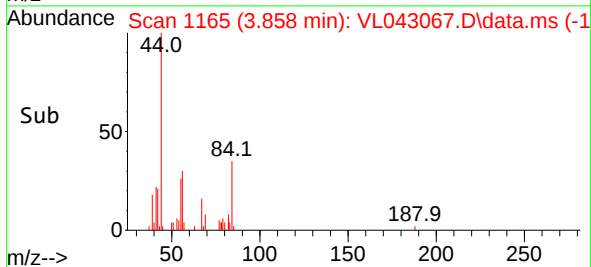
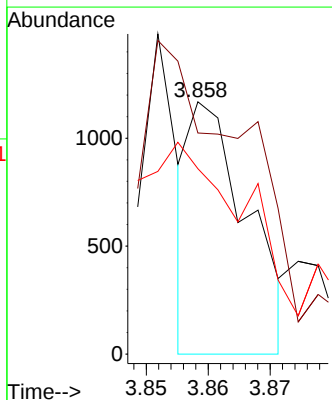
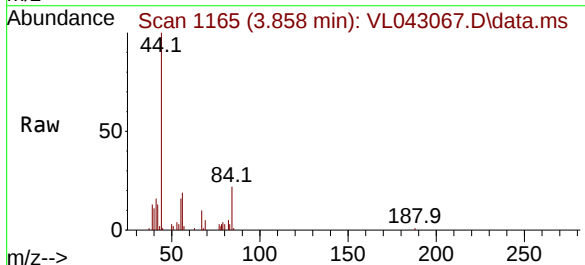
Instrument :
MSVOA_L
ClientSampleId :
SV1

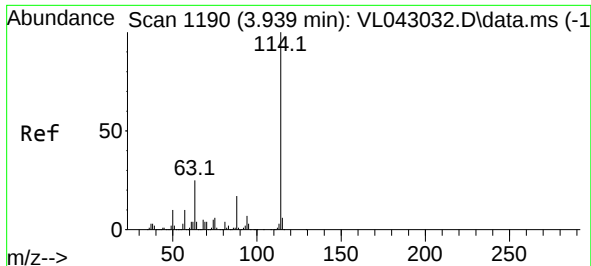
Tgt Ion: 57 Resp: 53836
Ion Ratio Lower Upper
57 100
41 99.5 76.1 114.1
43 71.8 201.4 302.0#
56 60.5 44.0 66.0



#30
Cyclohexane
Concen: 0.036 ppbv
RT: 3.858 min Scan# 1165
Delta R.T. 0.019 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion: 84 Resp: 755
Ion Ratio Lower Upper
84 100
56 0.0 99.9 149.9#
41 238.0 64.2 96.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.019 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

Instrument :

MSVOA_L

ClientSampleId :

SV1

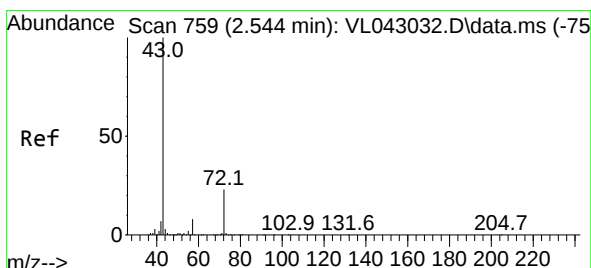
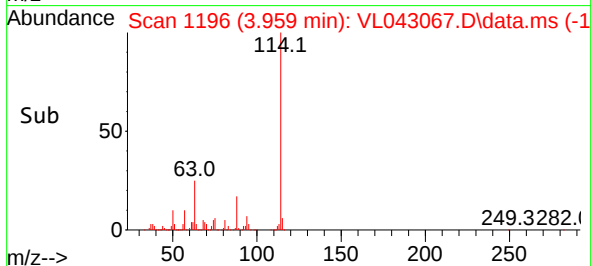
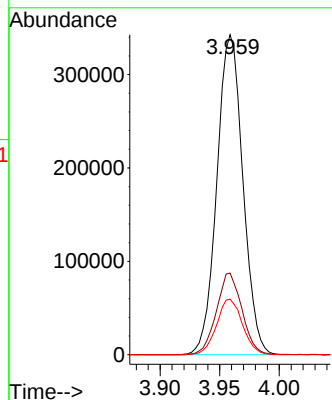
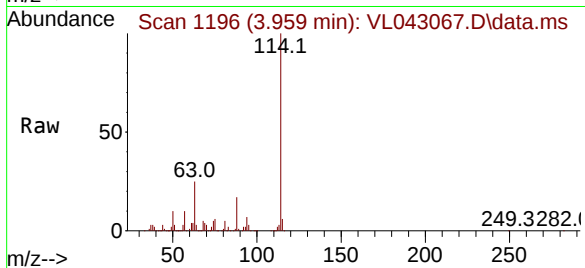
Tgt Ion:114 Resp: 519787

Ion Ratio Lower Upper

114 100

63 25.1 19.4 29.2

88 17.2 13.9 20.9



#34

2-Butanone

Concen: 0.169 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.016 min

Lab File: VL043067.D

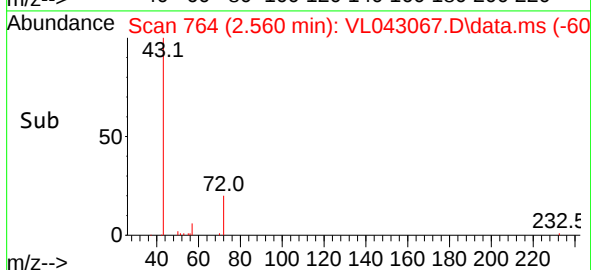
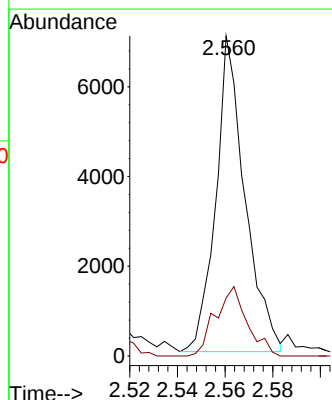
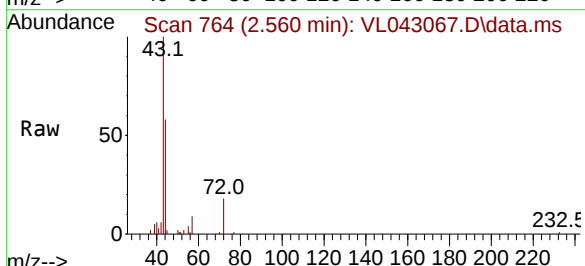
Acq: 08 Oct 2025 20:30

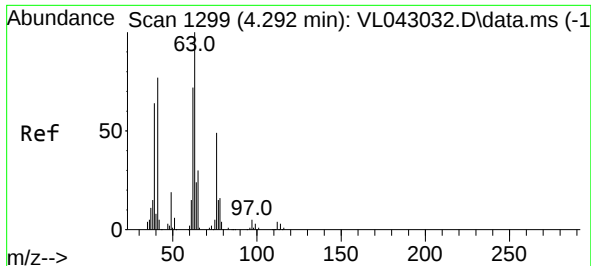
Tgt Ion: 43 Resp: 5964

Ion Ratio Lower Upper

43 100

72 24.0 18.4 27.6





#39

1,2-Dichloropropane

Concen: 7.049 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.333 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

Instrument :

MSVOA_L

ClientSampleId :

SV1

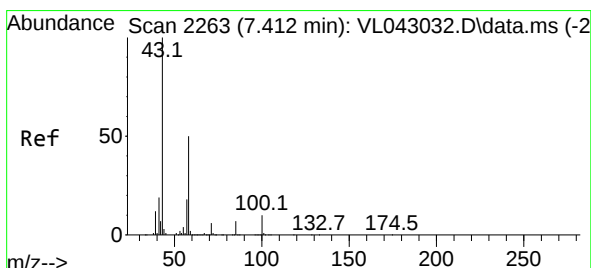
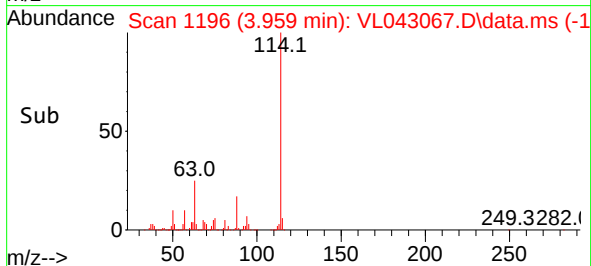
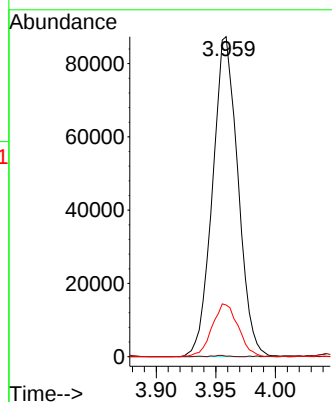
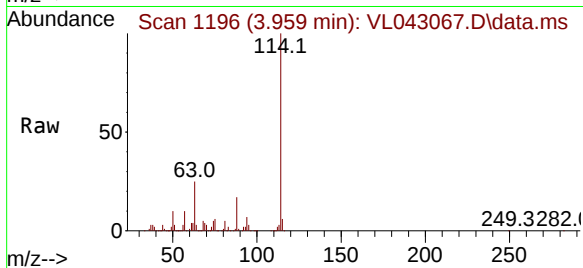
Tgt Ion: 63 Resp: 129759

Ion Ratio Lower Upper

63 100

41 0.1 61.6 92.4#

62 16.2 58.1 87.1#



#51

2-Hexanone

Concen: 0.968 ppbv

RT: 7.428 min Scan# 2268

Delta R.T. 0.016 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

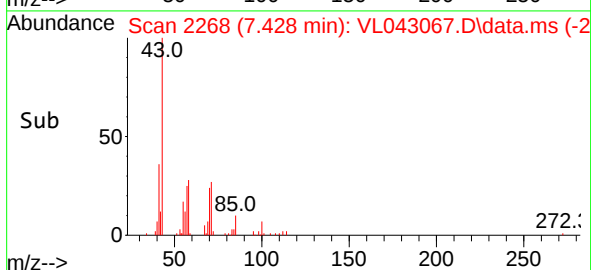
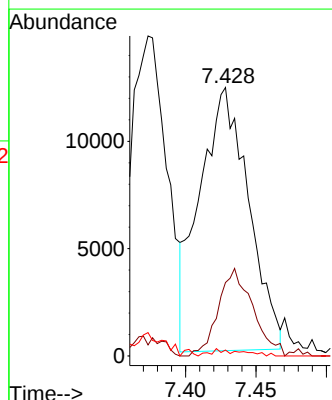
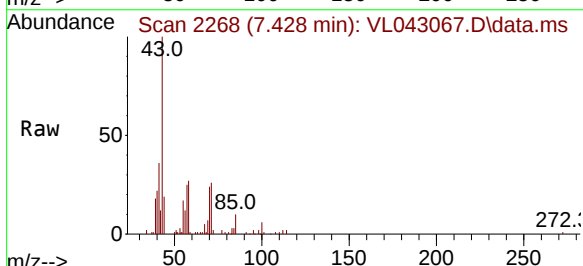
Tgt Ion: 43 Resp: 29648

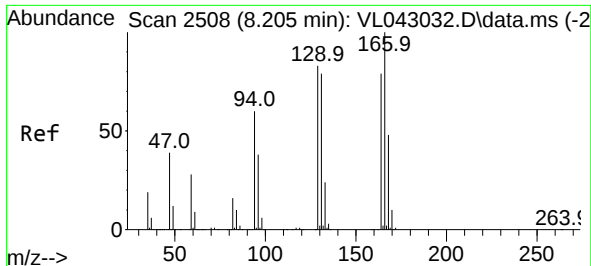
Ion Ratio Lower Upper

43 100

58 24.0 39.1 58.7#

98 1.6 0.5 0.7#

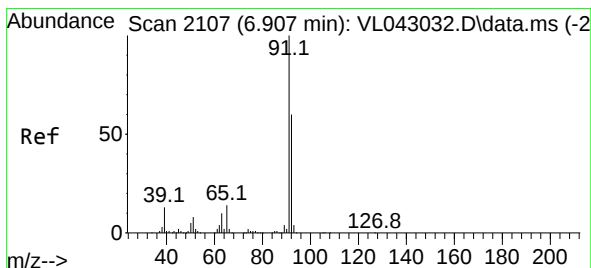
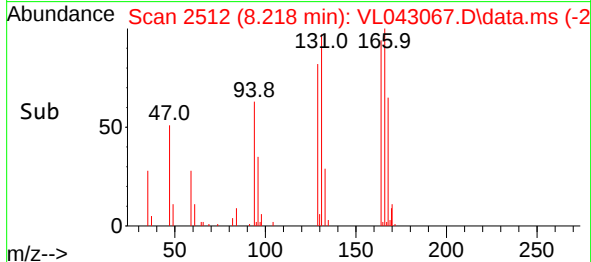
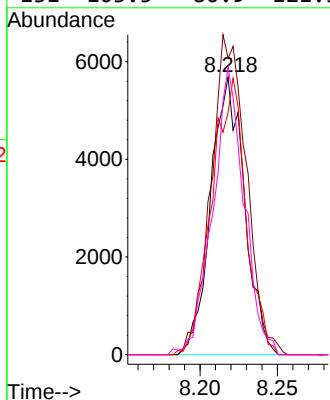
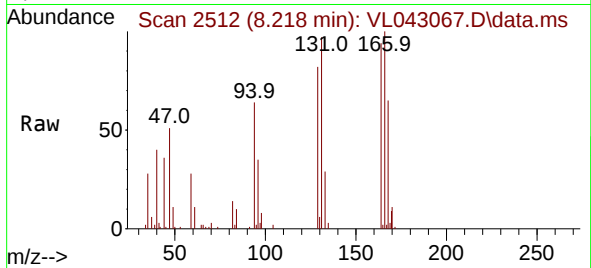




#52
Tetrachloroethene
Concen: 0.466 ppbv
RT: 8.218 min Scan# 2114
Delta R.T. 0.013 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

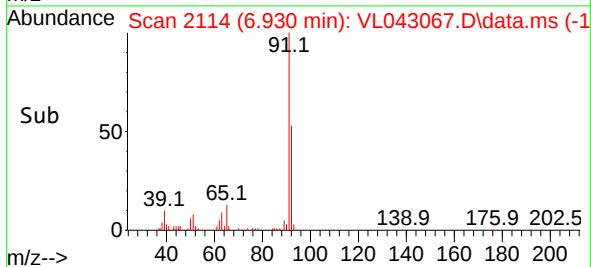
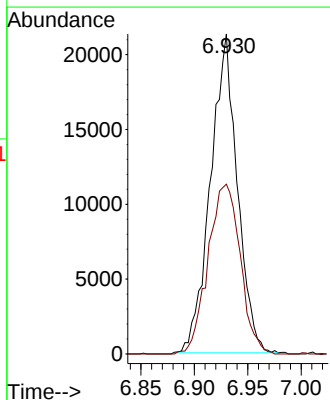
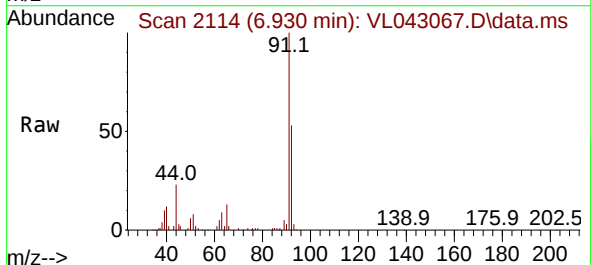
Instrument :
MSVOA_L
ClientSampleId :
SV1

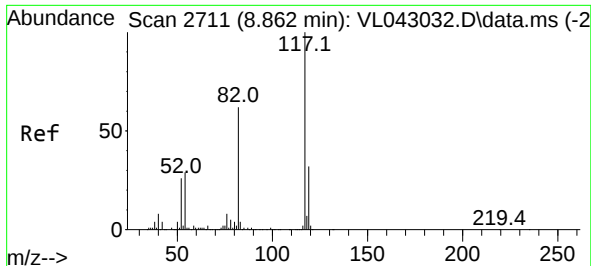
Tgt Ion:	164	Resp:	8567
Ion	Ratio	Lower	Upper
164	100		
166	106.8	101.8	152.8
129	87.4	84.5	126.7
131	103.5	80.9	121.3



#53
Toluene
Concen: 0.743 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. 0.023 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion:	91	Resp:	37247
Ion	Ratio	Lower	Upper
91	100		
92	63.8	47.8	71.6

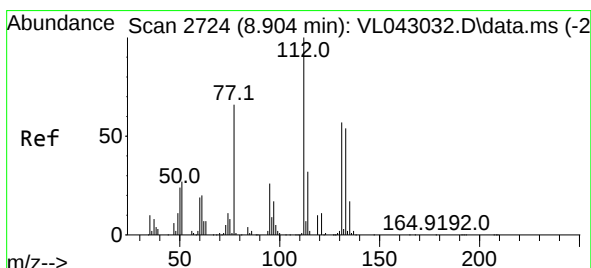
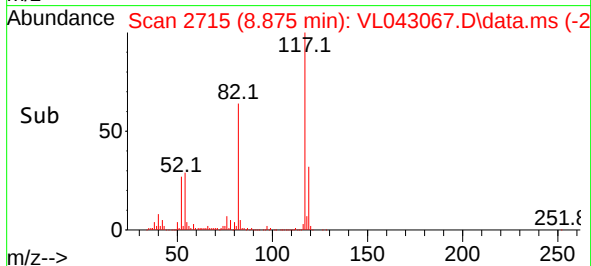
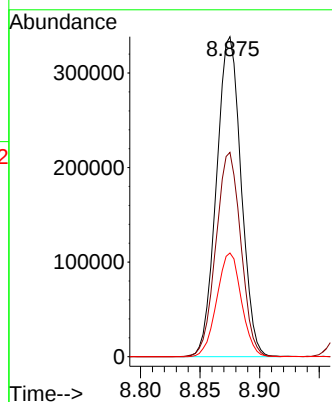
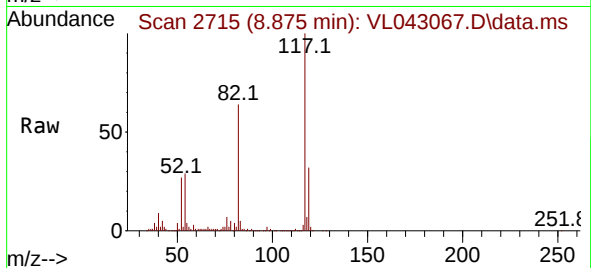




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

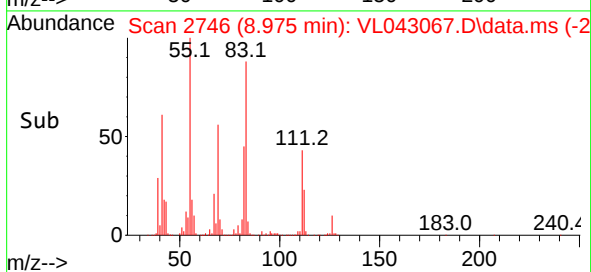
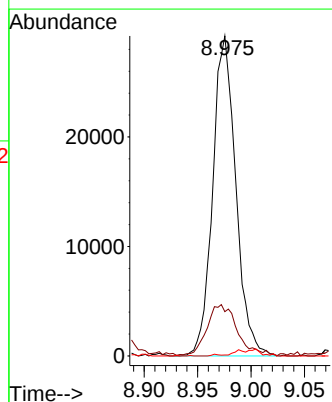
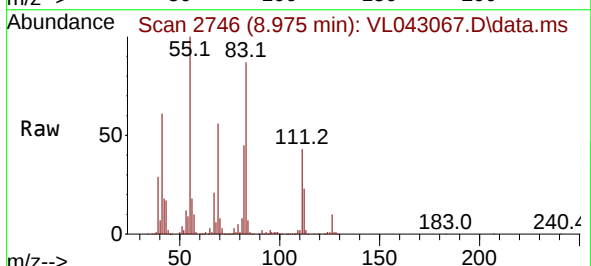
Instrument :
MSVOA_L
ClientSampleId :
SV1

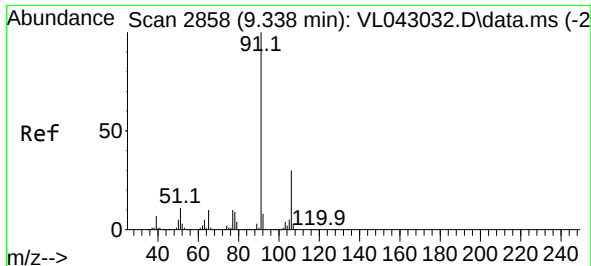
Tgt Ion:117 Resp: 486482
Ion Ratio Lower Upper
117 100
82 64.6 53.0 79.6
119 32.4 25.4 38.2



#57
Chlorobenzene
Concen: 0.855 ppbv
RT: 8.975 min Scan# 2746
Delta R.T. 0.071 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion:112 Resp: 43983
Ion Ratio Lower Upper
112 100
77 13.4 53.2 79.8#
114 0.3 28.6 35.0#





#58

Ethyl Benzene

Concen: 0.467 ppbv

RT: 9.348 min Scan# 2858

Delta R.T. 0.010 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

Instrument :

MSVOA_L

ClientSampleId :

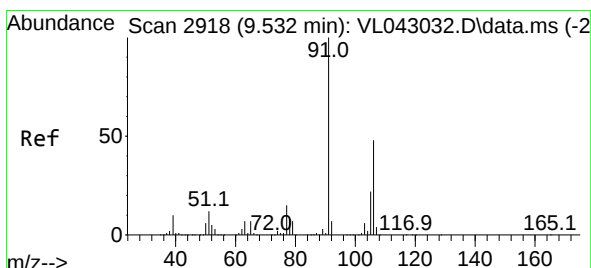
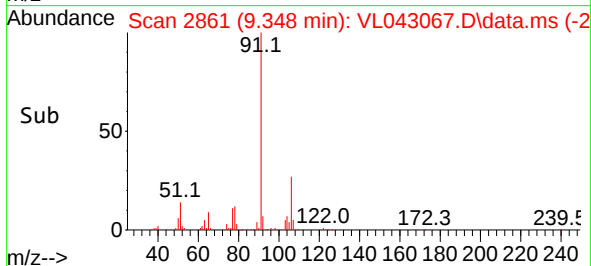
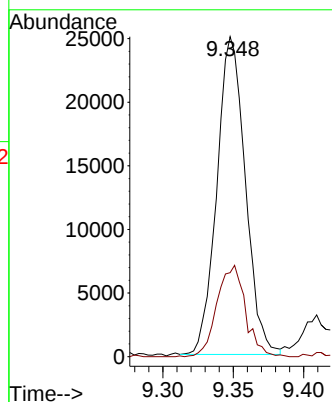
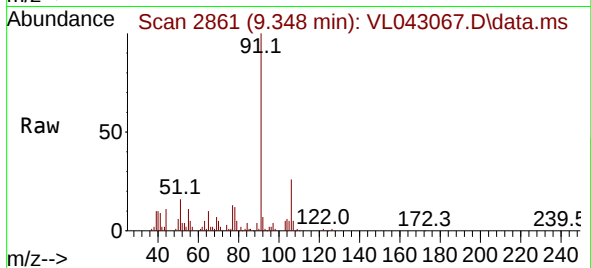
SV1

Tgt Ion: 91 Resp: 35188

Ion Ratio Lower Upper

91 100

106 26.2 24.1 36.1



#59

m/p-Xylene

Concen: 1.565 ppbv

RT: 9.526 min Scan# 2916

Delta R.T. -0.006 min

Lab File: VL043067.D

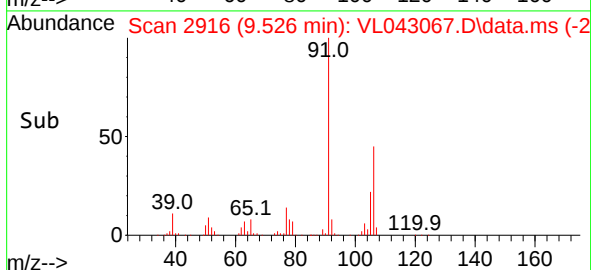
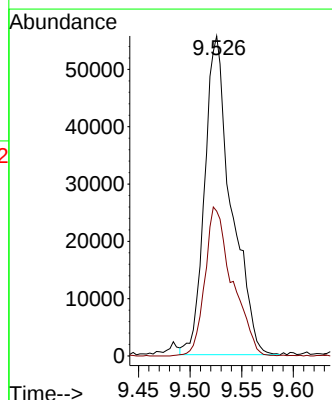
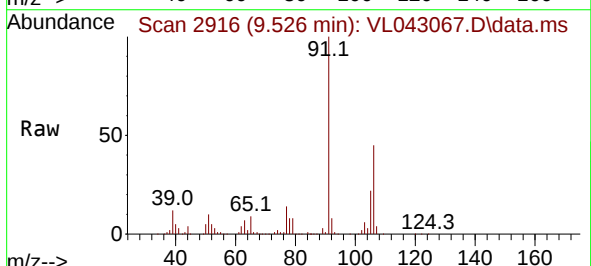
Acq: 08 Oct 2025 20:30

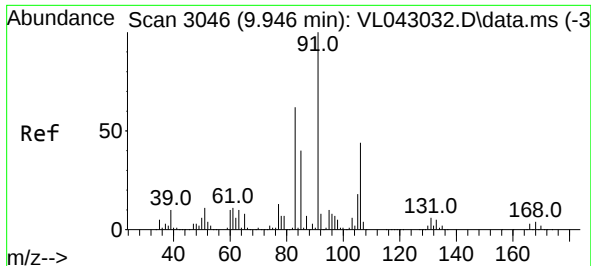
Tgt Ion: 91 Resp: 99454

Ion Ratio Lower Upper

91 100

106 48.3 37.5 56.3

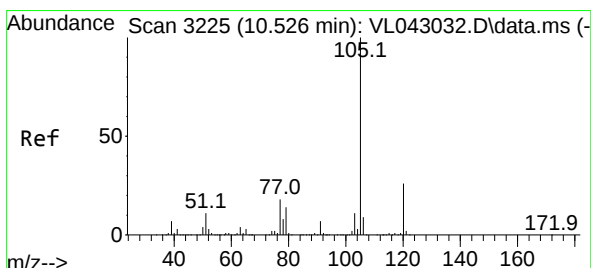
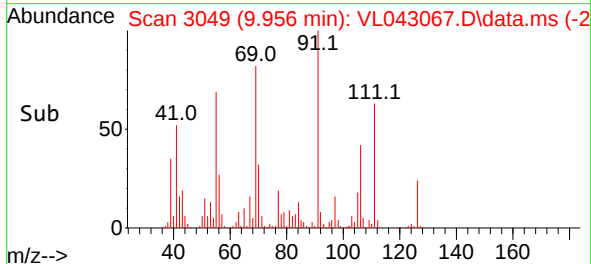
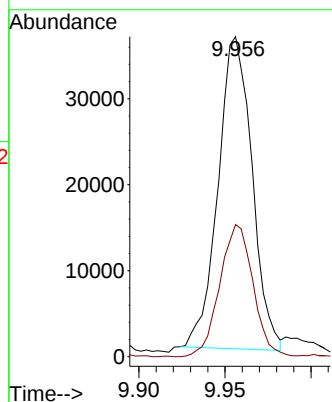
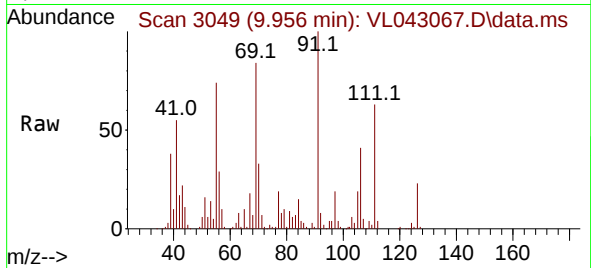




#60
o-Xylene
Concen: 0.788 ppbv
RT: 9.956 min Scan# 3046
Delta R.T. 0.010 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

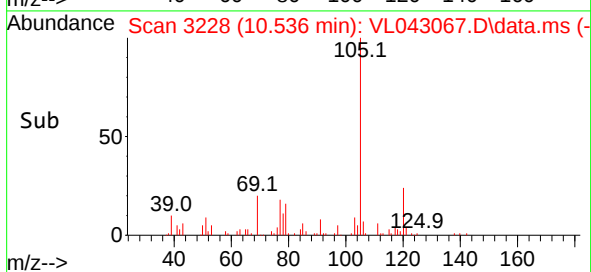
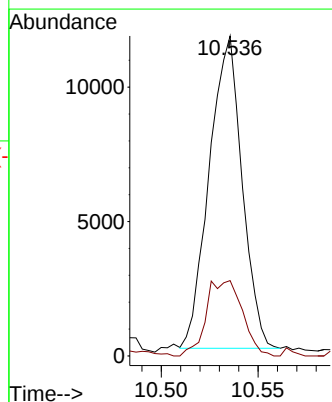
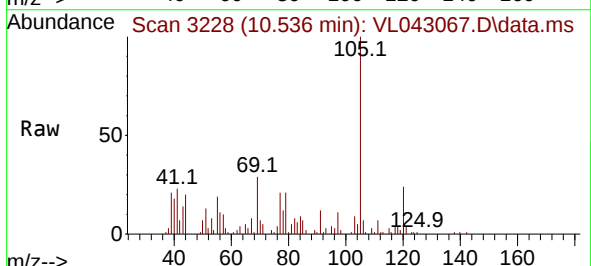
Instrument :
MSVOA_L
ClientSampleId :
SV1

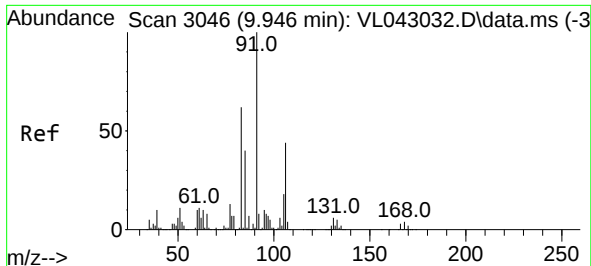
Tgt Ion: 91 Resp: 49872
Ion Ratio Lower Upper
91 100
106 41.7 21.9 65.5



#62
Isopropylbenzene
Concen: 0.141 ppbv
RT: 10.536 min Scan# 3228
Delta R.T. 0.010 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion: 105 Resp: 13707
Ion Ratio Lower Upper
105 100
120 27.4 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 0.287 ppbv

RT: 9.943 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

Instrument :

MSVOA_L

ClientSampleId :

SV1

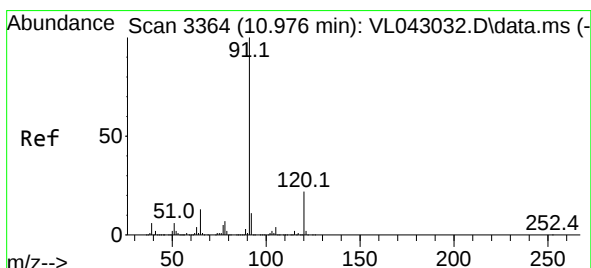
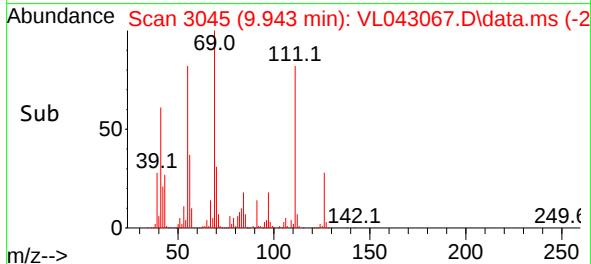
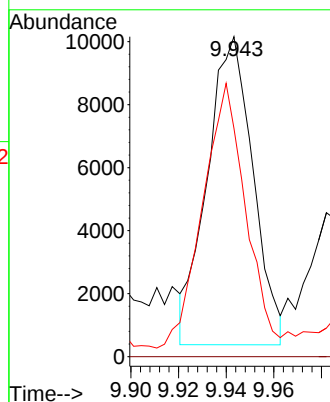
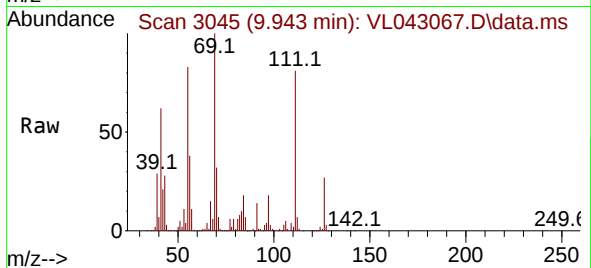
Tgt Ion: 83 Resp: 13046

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 0.0 32.0 96.2#



#64

n-propylbenzene

Concen: 0.269 ppbv

RT: 10.982 min Scan# 3366

Delta R.T. 0.006 min

Lab File: VL043067.D

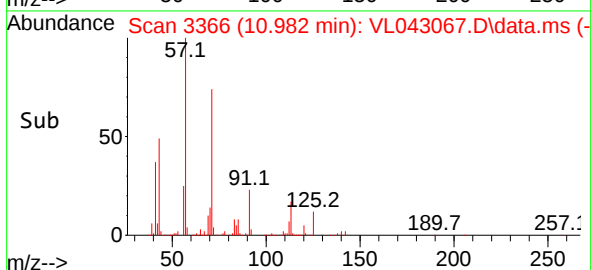
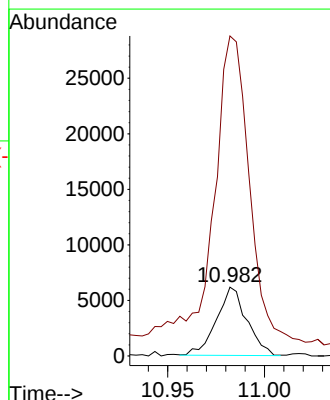
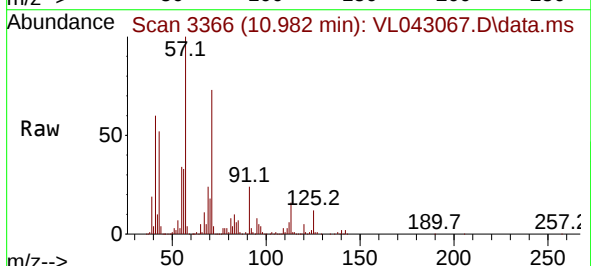
Acq: 08 Oct 2025 20:30

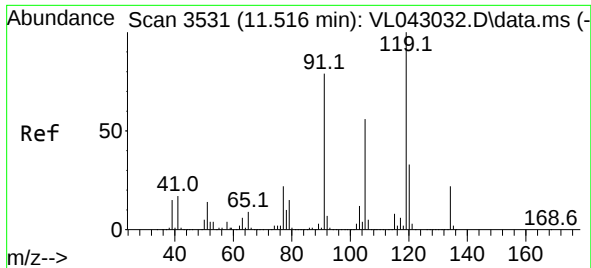
Tgt Ion: 120 Resp: 6698

Ion Ratio Lower Upper

120 100

91 561.8 367.0 550.4#

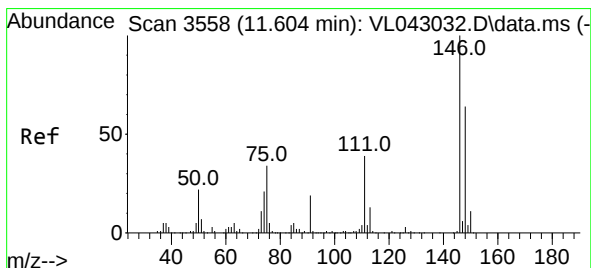
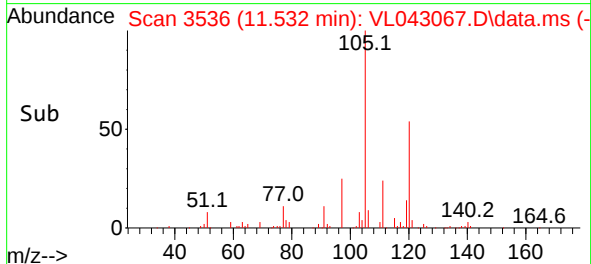
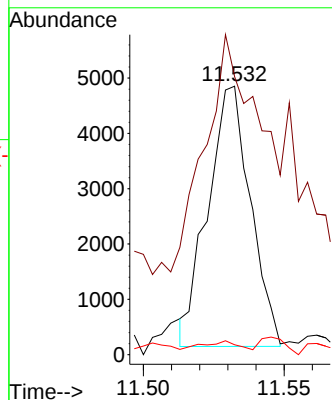
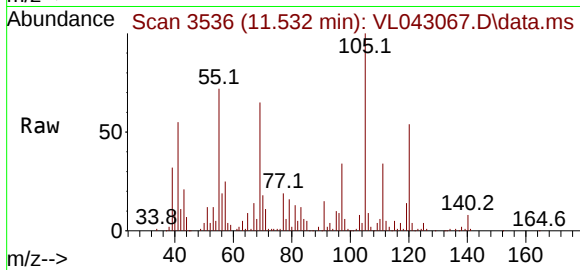




#65
tert-Butylbenzene
Concen: 0.057 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.016 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

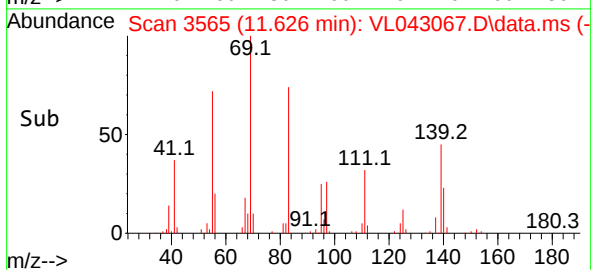
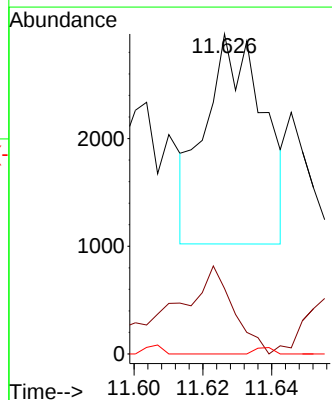
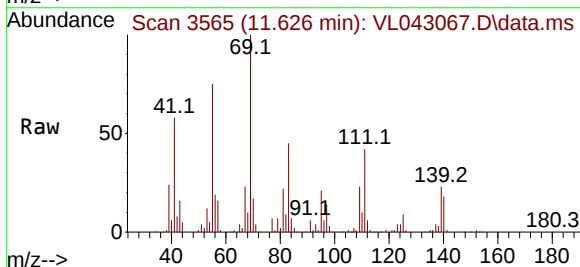
Instrument :
MSVOA_L
ClientSampleId :
SV1

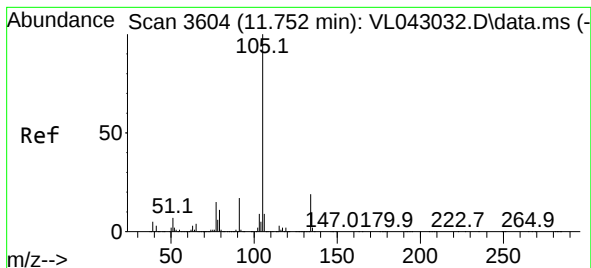
Tgt Ion:119 Resp: 4943
Ion Ratio Lower Upper
119 100
91 198.1 63.1 94.7#
134 17.8 16.9 25.3



#66
Benzyl Chloride
Concen: 0.688 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.023 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion: 91 Resp: 2276
Ion Ratio Lower Upper
91 100
126 49.1 14.2 21.4#
128 0.0 4.8 7.2#





#67

sec-Butylbenzene

Concen: 0.161 ppbv

RT: 11.762 min Scan# 3

Delta R.T. 0.010 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

Instrument :

MSVOA_L

ClientSampleId :

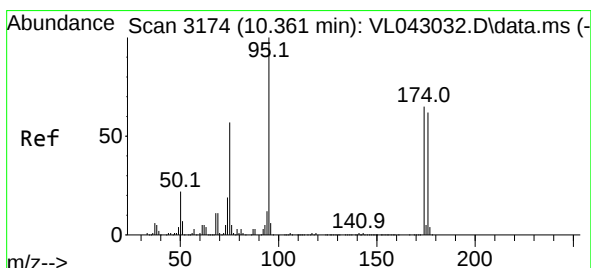
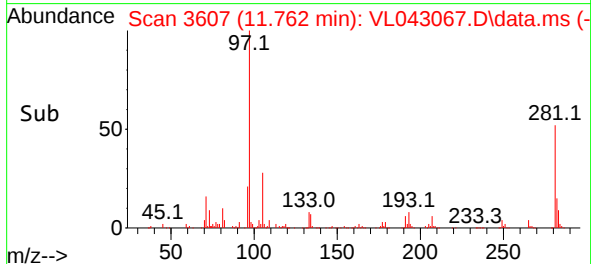
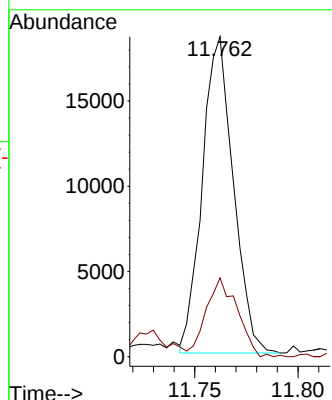
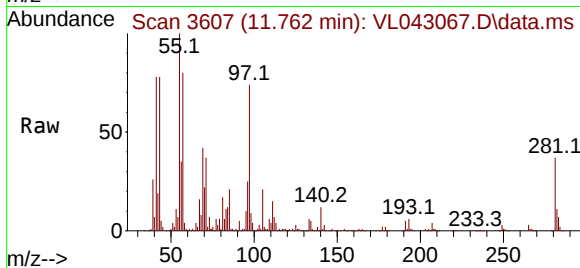
SV1

Tgt Ion:105 Resp: 19444

Ion Ratio Lower Upper

105 100

134 35.5 15.2 22.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.339 ppbv

RT: 10.370 min Scan# 3177

Delta R.T. 0.010 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

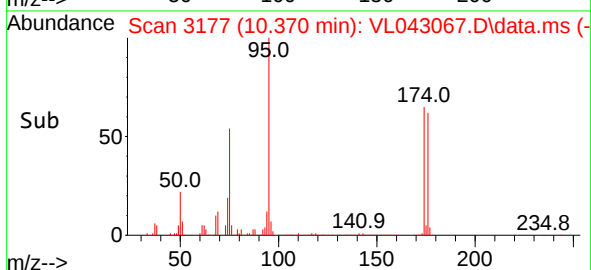
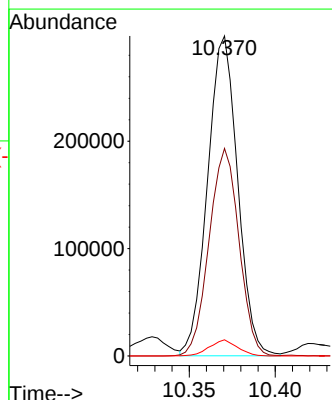
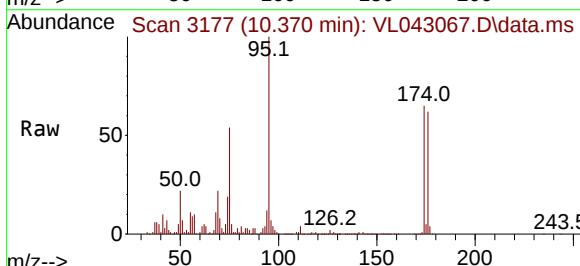
Tgt Ion: 95 Resp: 362344

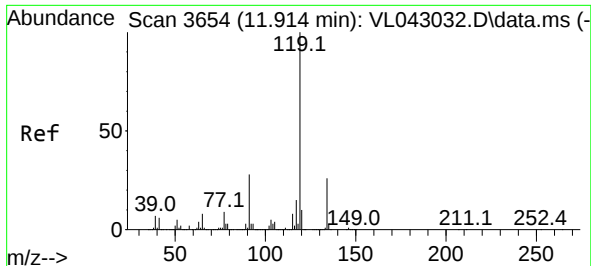
Ion Ratio Lower Upper

95 100

174 64.5 52.3 78.5

175 4.7 3.8 5.8

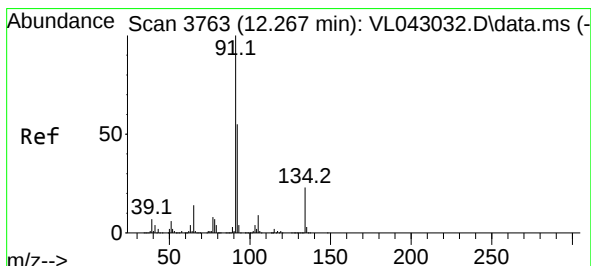
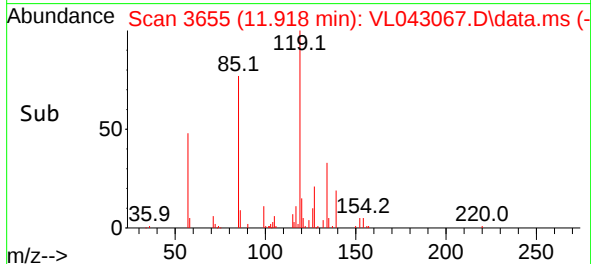
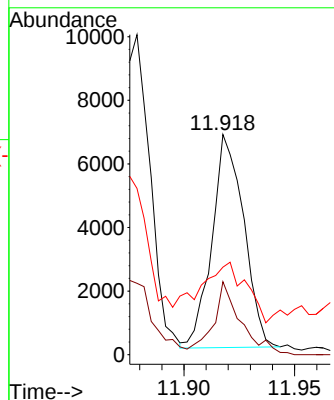
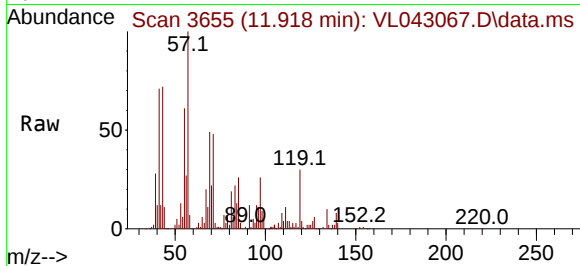




#69
p-Isopropyltoluene
Concen: 0.068 ppbv
RT: 11.918 min Scan# 3655
Delta R.T. 0.003 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

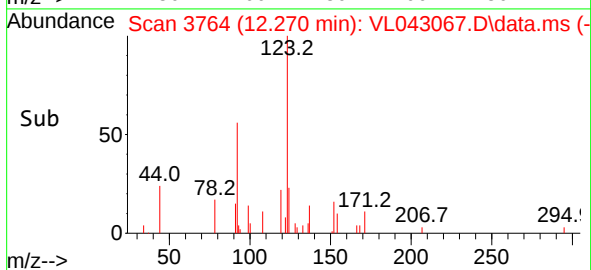
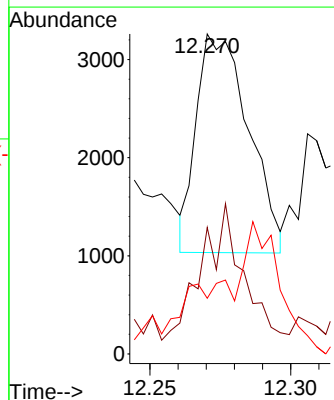
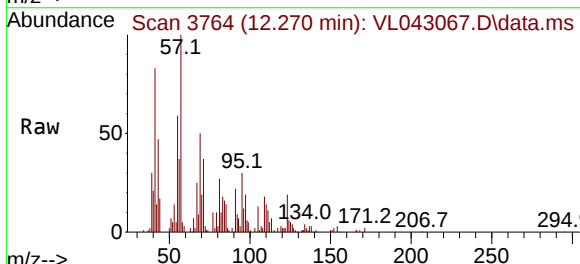
Instrument :
MSVOA_L
ClientSampleId :
SV1

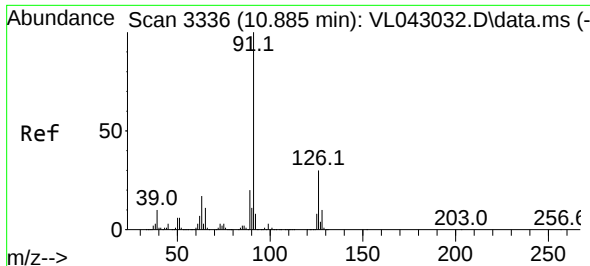
Tgt Ion:	119	Resp:	6704
Ion Ratio	Lower	Upper	
119	100		
134	30.3	20.5	30.7
91	33.8	22.6	33.8



#70
n-Butylbenzene
Concen: 0.030 ppbv
RT: 12.270 min Scan# 3764
Delta R.T. 0.003 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion:	91	Resp:	2861
Ion Ratio	Lower	Upper	
91	100		
92	61.4	43.9	65.9
134	80.6	18.9	28.3

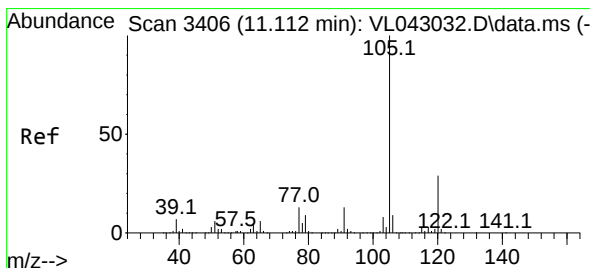
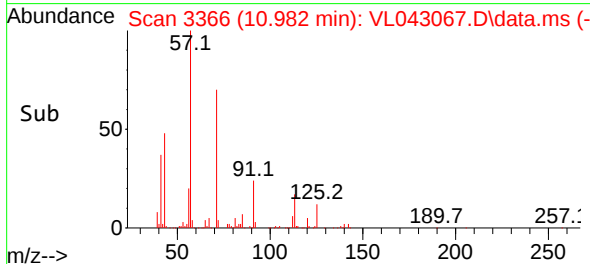
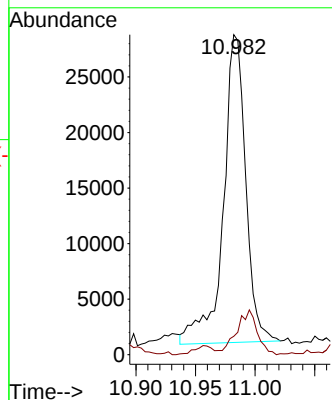
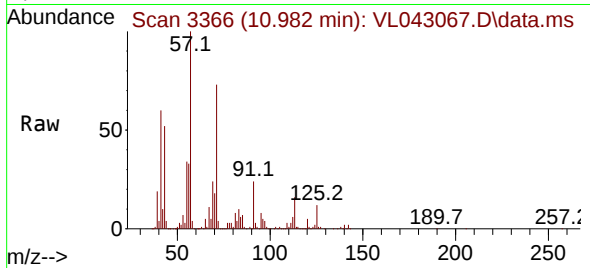




#71
2-Chlorotoluene
Concen: 0.515 ppbv
RT: 10.982 min Scan# 31
Delta R.T. 0.097 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

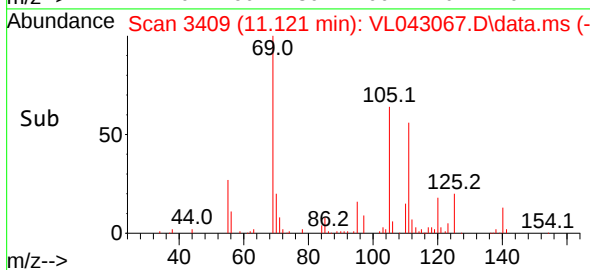
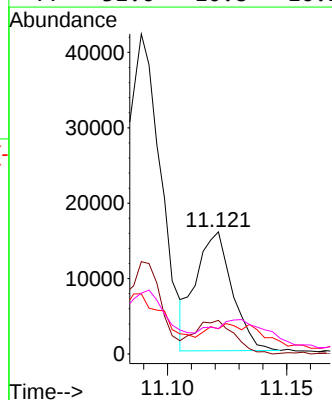
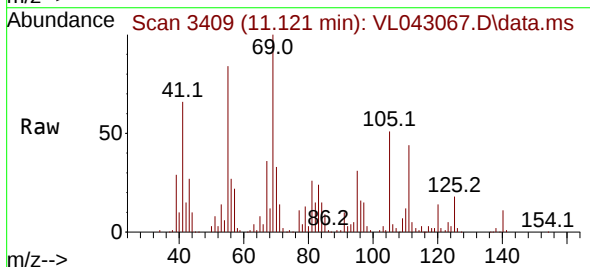
Instrument :
MSVOA_L
ClientSampleId :
SV1

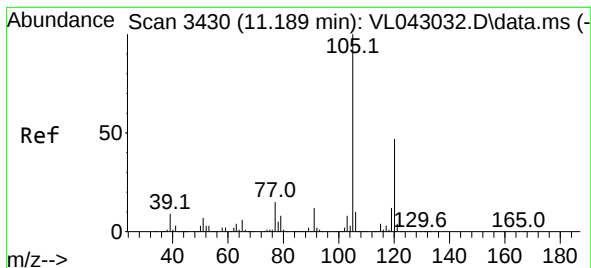
Tgt Ion: 91 Resp: 36230
Ion Ratio Lower Upper
91 100
126 16.3 12.2 48.6



#72
4-Ethyltoluene
Concen: 0.223 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. 0.010 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion: 105 Resp: 16795
Ion Ratio Lower Upper
105 100
120 0.0 23.5 35.3#
91 30.9 10.4 15.6#
77 31.6 10.8 16.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.372 ppbv

RT: 11.199 min Scan# 3430

Delta R.T. 0.010 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

Instrument :

MSVOA_L

ClientSampleId :

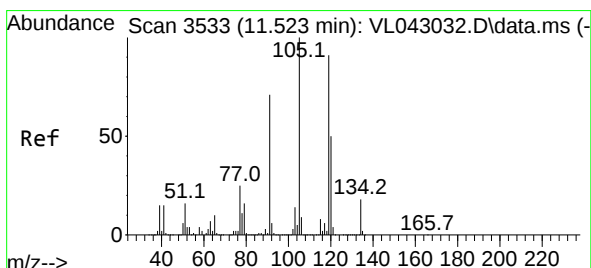
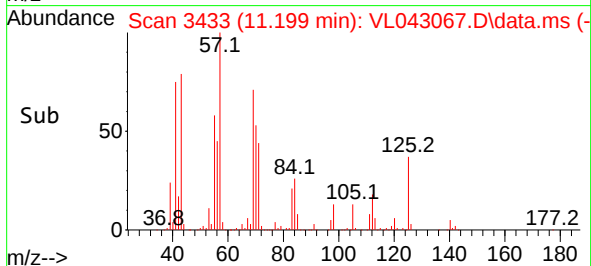
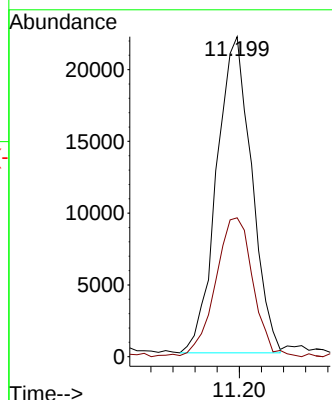
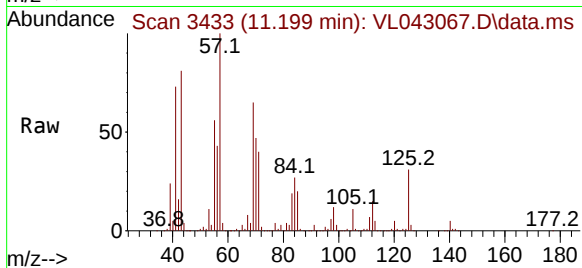
SV1

Tgt Ion:105 Resp: 24240

Ion Ratio Lower Upper

105 100

120 43.0 37.5 56.3



#74

1,2,4-Trimethylbenzene

Concen: 0.533 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. 0.007 min

Lab File: VL043067.D

Acq: 08 Oct 2025 20:30

Tgt Ion:105 Resp: 39190

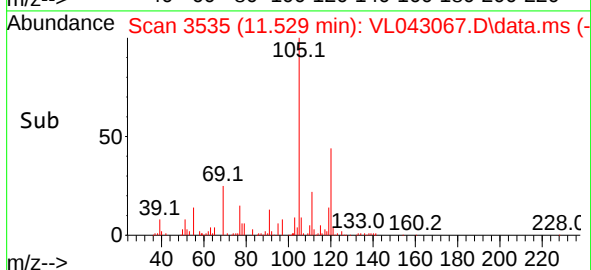
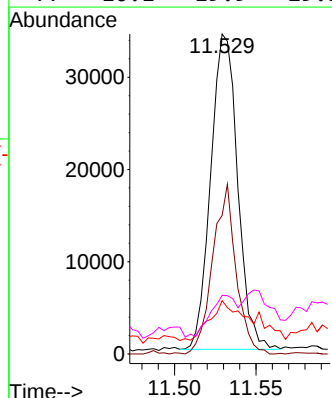
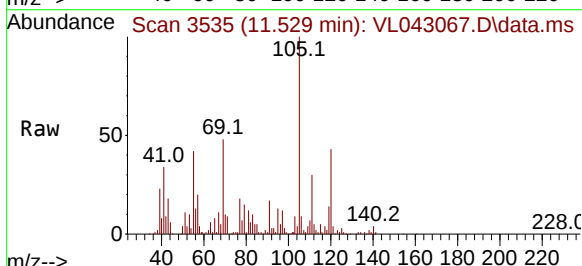
Ion Ratio Lower Upper

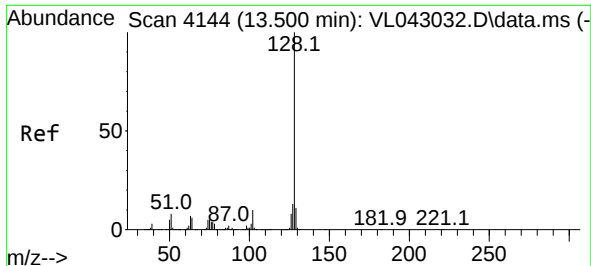
105 100

120 43.7 39.7 59.5

91 12.7 56.5 84.7#

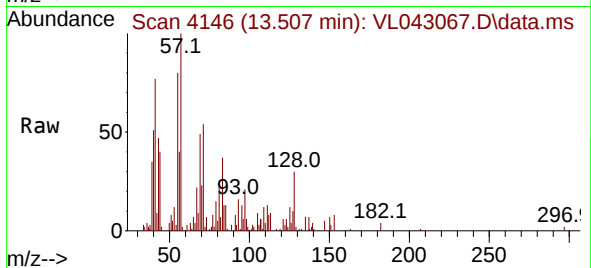
77 10.1 19.9 29.9#



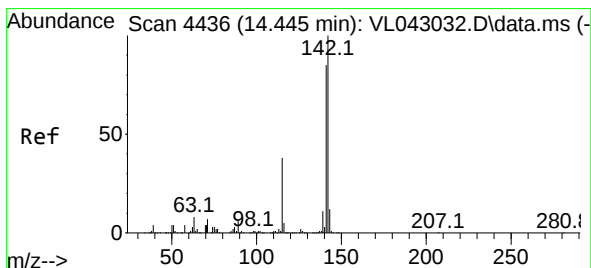
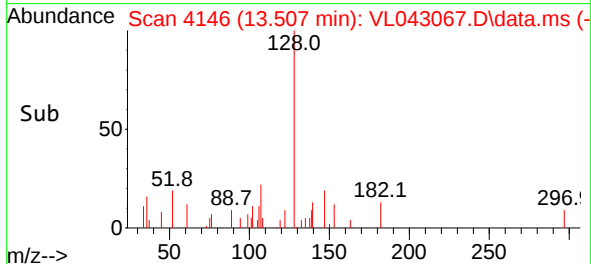
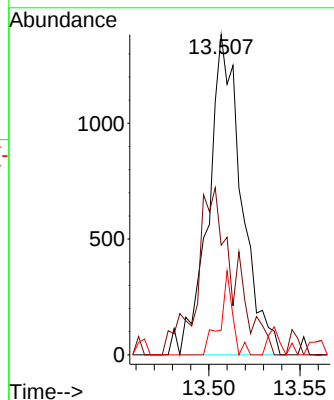


#79
Naphthalene
Concen: 0.263 ppbv
RT: 13.507 min Scan# 4144
Delta R.T. 0.007 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:128 Resp: 1732
Ion Ratio Lower Upper
128 100
127 34.2 10.6 16.0#
129 7.7 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.719 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.013 min
Lab File: VL043067.D
Acq: 08 Oct 2025 20:30

Tgt Ion:142 Resp: 1759
Ion Ratio Lower Upper
142 100
141 107.1 66.6 100.0#
115 52.3 30.1 45.1#

