

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043066.D
 Acq On : 08 Oct 2025 19:57
 Operator : SY/MD
 Sample : Q3306-04 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

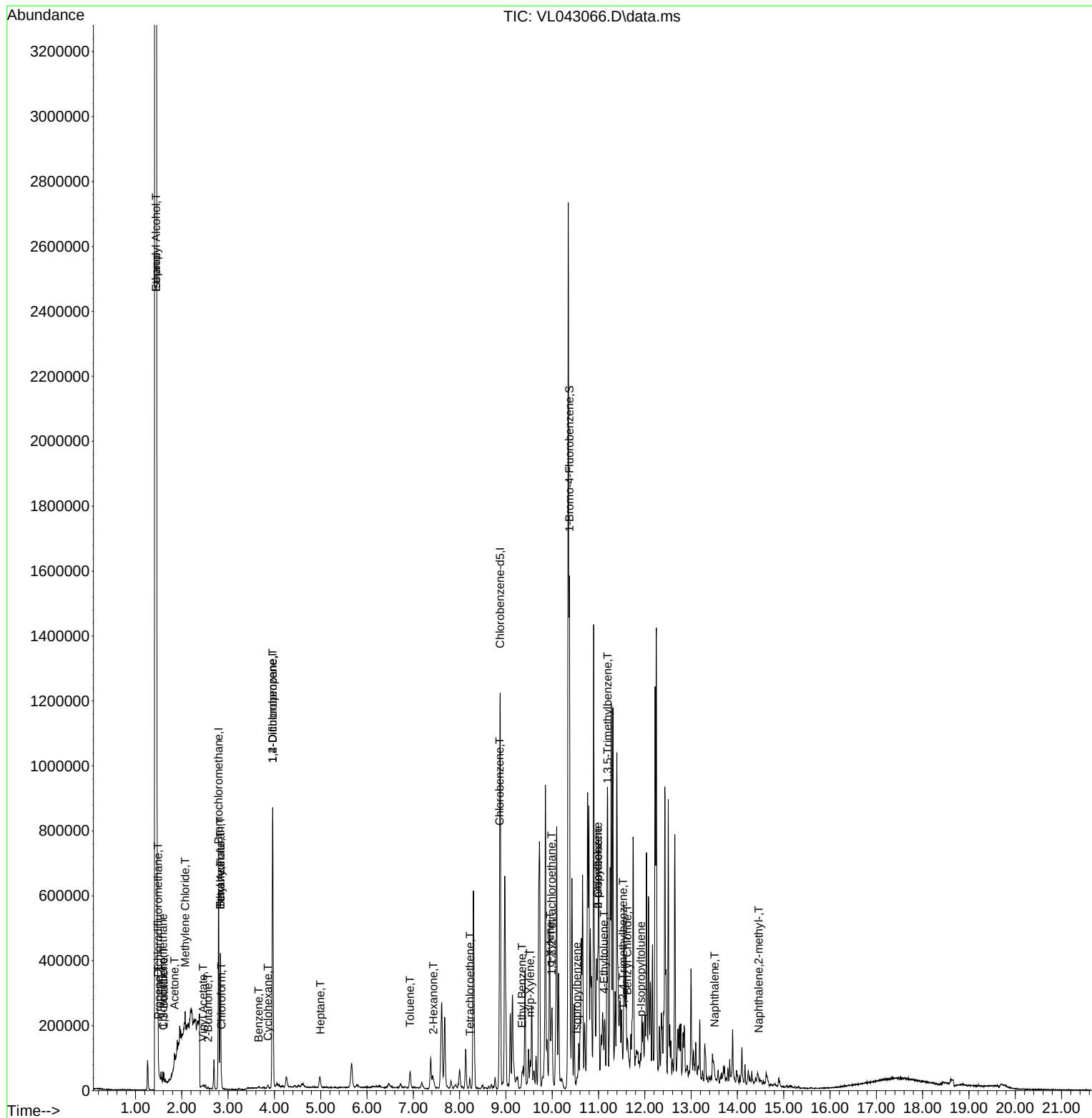
Quant Time: Oct 09 01:21:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

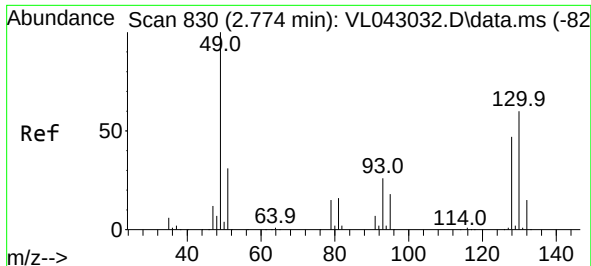
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.794	49	197688	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.962	114	519007	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.875	117	480524	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	361719	10.449	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.489	85	3444	0.103	ppbv	100
3) Chlorodifluoromethane	1.596	51	1064	0.033	ppbv	96
9) Propene	1.499	41	473	0.036	ppbv #	17
10) Heptane	4.991	43	3953	0.124	ppbv #	1
13) Ethanol	1.447	45	256759	543.925	ppbv #	1
15) Acetone	1.842	43	20002	0.723	ppbv	95
16) 1,3-Butadiene	1.612	39	1386	0.121	ppbv #	11
19) Isopropyl Alcohol	1.447	45	256759	19.361	ppbv #	26
20) Methylene Chloride	2.072	84	9615	0.796	ppbv	91
23) Vinyl Acetate	2.460	43	1911	0.325	ppbv #	89
25) Ethyl Acetate	2.836	43	77504	1.116	ppbv #	77
26) Hexane	2.836	57	109536	4.101	ppbv #	35
29) Chloroform	2.855	83	14318	0.314	ppbv	90
30) Cyclohexane	3.862	84	1081	0.049	ppbv #	1
34) 2-Butanone	2.567	43	3499	0.099	ppbv #	87
36) Benzene	3.661	78	2564	0.052	ppbv #	89
39) 1,2-Dichloropropane	3.962	63	129919	7.068	ppbv #	22
41) Tetrahydrofuran	2.833	42	46481	2.554	ppbv #	50
51) 2-Hexanone	7.435	43	6766	0.221	ppbv #	76
52) Tetrachloroethene	8.225	164	2092	0.114	ppbv #	81
53) Toluene	6.930	91	36696	0.733	ppbv	98
57) Chlorobenzene	8.862	112	7251	0.143	ppbv #	85
58) Ethyl Benzene	9.348	91	20269	0.272	ppbv #	87
59) m/p-Xylene	9.523	91	49102	0.782	ppbv	100
60) o-Xylene	9.956	91	27516	0.440	ppbv	99
62) Isopropylbenzene	10.532	105	6672	0.069	ppbv	93
63) 1,1,2,2-Tetrachloroethane	9.985	83	3487	0.078	ppbv #	26
64) n-propylbenzene	10.986	120	3059	0.125	ppbv #	47
66) Benzyl Chloride	11.626	91	712	0.218	ppbv #	1
69) p-Isopropyltoluene	11.918	119	2967	0.031	ppbv #	33
71) 2-Chlorotoluene	10.986	91	14710	0.212	ppbv	80
72) 4-Ethyltoluene	11.122	105	5632	0.076	ppbv #	25
73) 1,3,5-Trimethylbenzene	11.199	105	9353	0.145	ppbv	95
74) 1,2,4-Trimethylbenzene	11.529	105	13609	0.187	ppbv #	53
79) Naphthalene	13.507	128	1301	0.256	ppbv #	56
80) Naphthalene,2-methyl-	14.459	142	1953	0.726	ppbv #	76

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

Quant Time: Oct 09 01:21:16 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

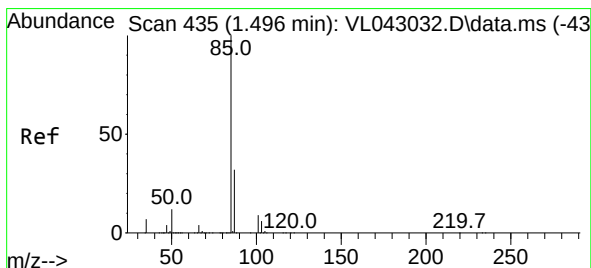
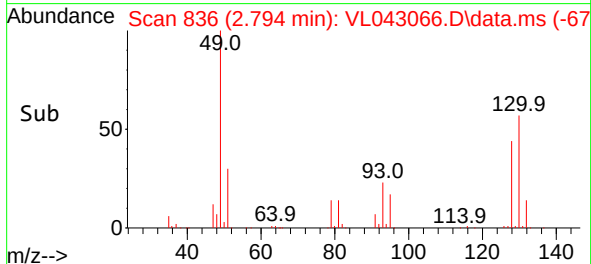
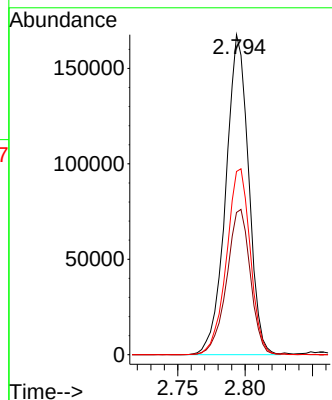
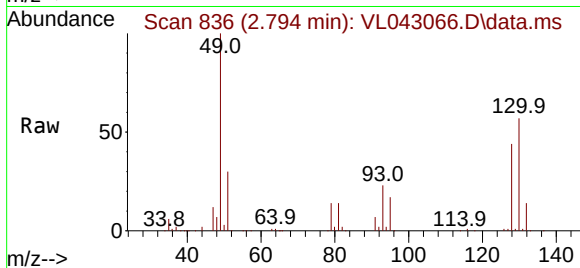




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.794 min Scan# 81
 Delta R.T. 0.020 min
 Lab File: VL043066.D
 Acq: 08 Oct 2025 19:57

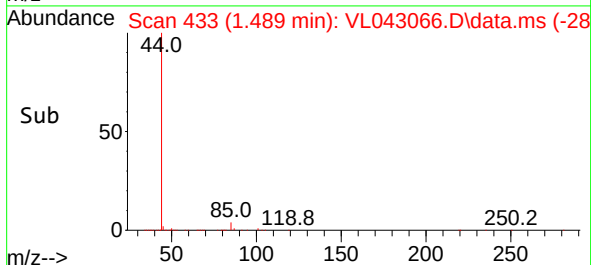
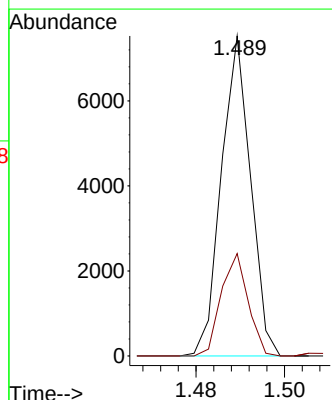
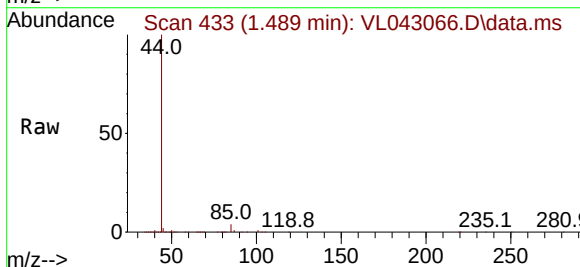
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

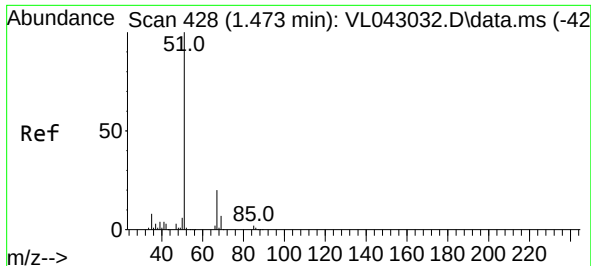
Tgt Ion: 49 Resp: 197688
 Ion Ratio Lower Upper
 49 100
 128 47.1 24.1 72.2
 130 60.5 31.4 94.3



#2
 Dichlorodifluoromethane
 Concen: 0.103 ppbv
 RT: 1.489 min Scan# 433
 Delta R.T. -0.006 min
 Lab File: VL043066.D
 Acq: 08 Oct 2025 19:57

Tgt Ion: 85 Resp: 3444
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6

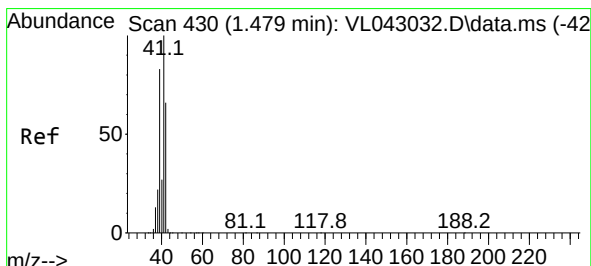
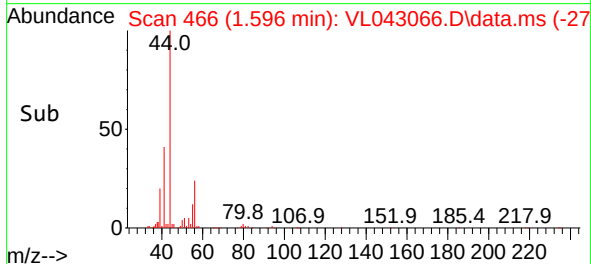
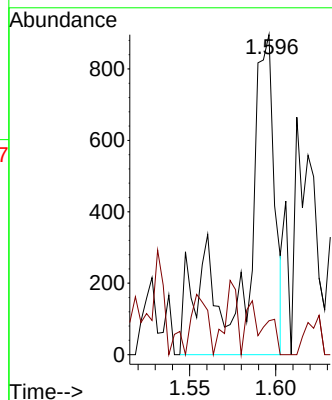
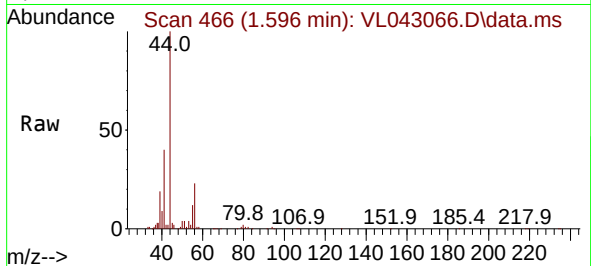




#3
Chlorodifluoromethane
Concen: 0.033 ppbv
RT: 1.596 min Scan# 41
Delta R.T. 0.123 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

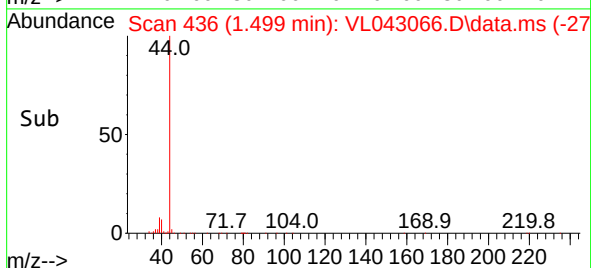
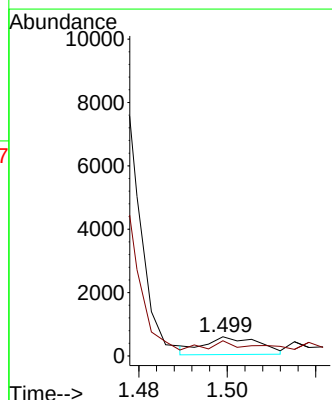
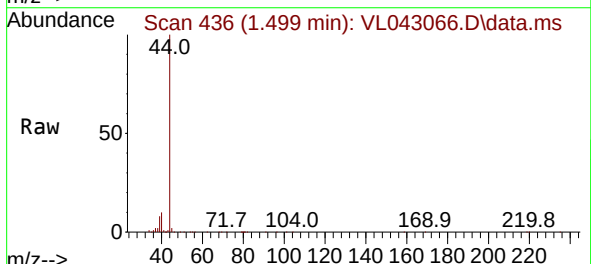
Instrument :
MSVOA_L
ClientSampleId :
SV2

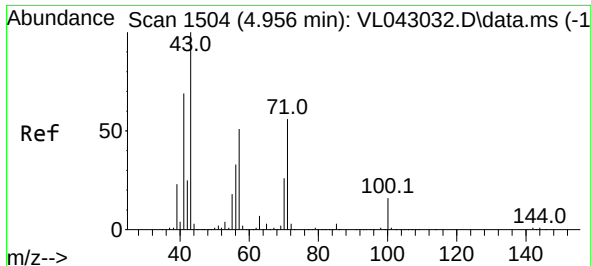
Tgt Ion: 51 Resp: 1064
Ion Ratio Lower Upper
51 100
67 20.5 15.1 22.7



#9
Propene
Concen: 0.036 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.020 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 41 Resp: 473
Ion Ratio Lower Upper
41 100
42 0.0 53.3 79.9#

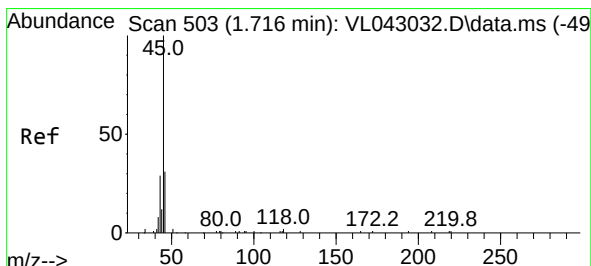
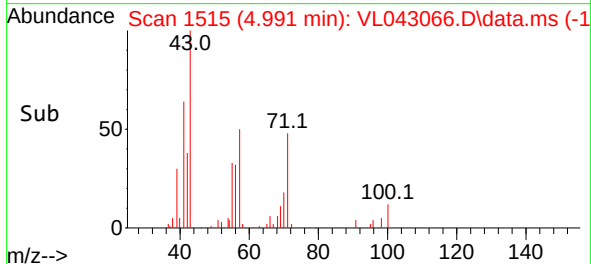
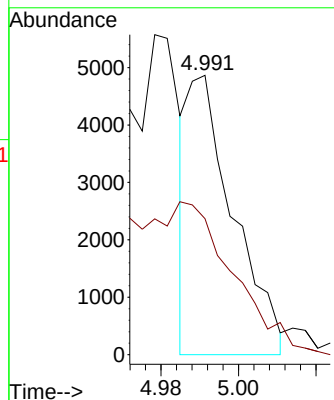
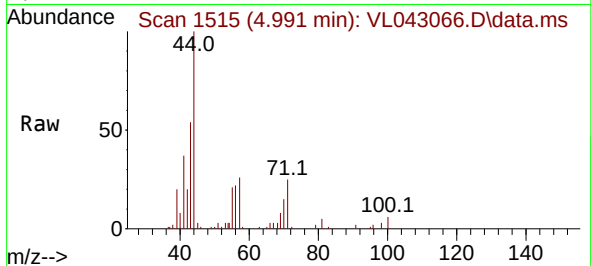




#10
Heptane
Concen: 0.124 ppbv
RT: 4.991 min Scan# 11
Delta R.T. 0.036 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

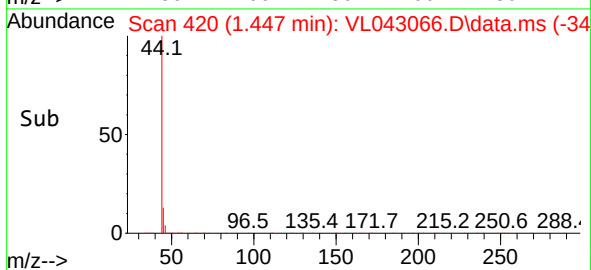
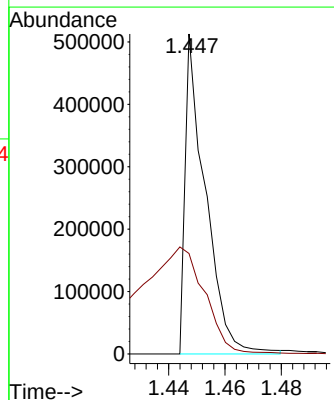
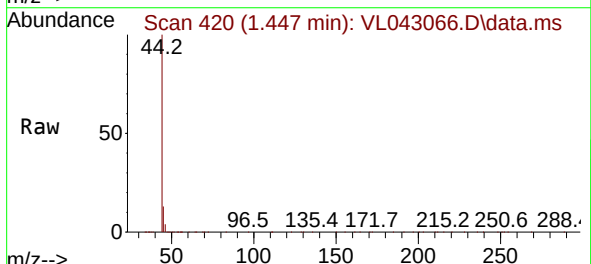
Instrument :
MSVOA_L
ClientSampleId :
SV2

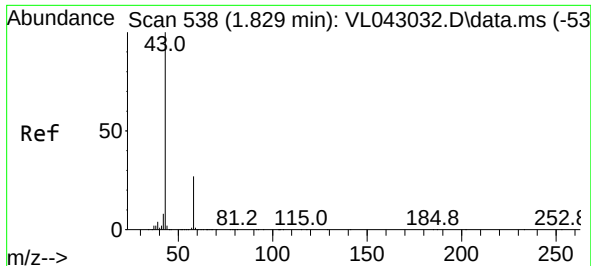
Tgt Ion: 43 Resp: 3953
Ion Ratio Lower Upper
43 100
57 149.2 40.3 60.5#



#13
Ethanol
Concen: 543.925 ppbv
RT: 1.447 min Scan# 420
Delta R.T. -0.269 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 45 Resp: 256759
Ion Ratio Lower Upper
45 100
46 122.3 17.8 71.4#

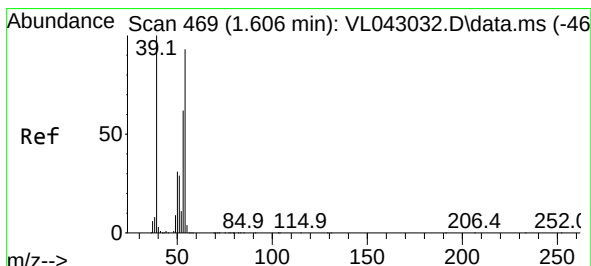
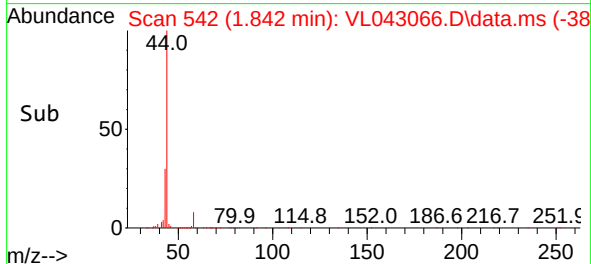
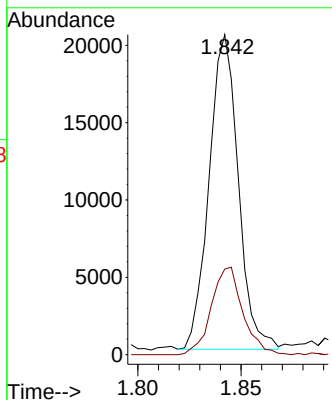
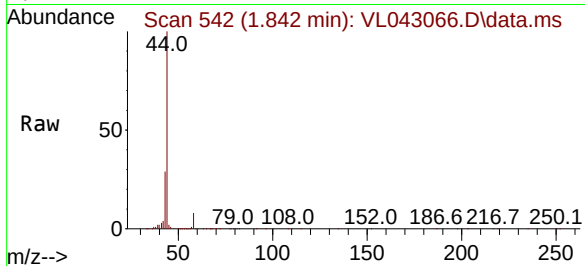




#15
Acetone
Concen: 0.723 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.013 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

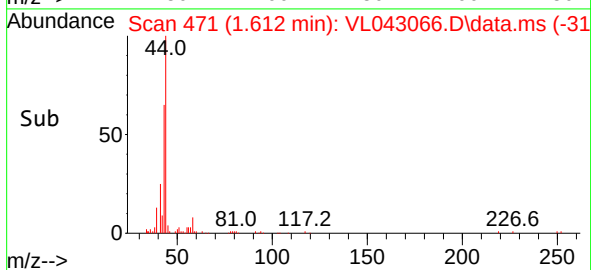
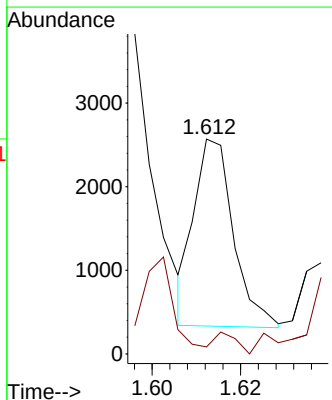
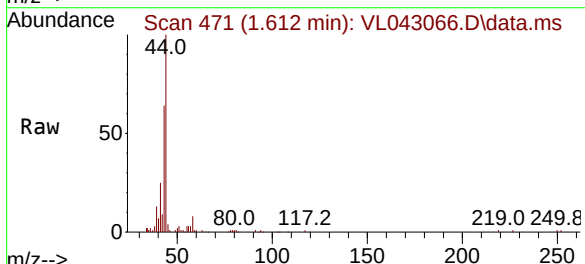
Instrument :
MSVOA_L
ClientSampleId :
SV2

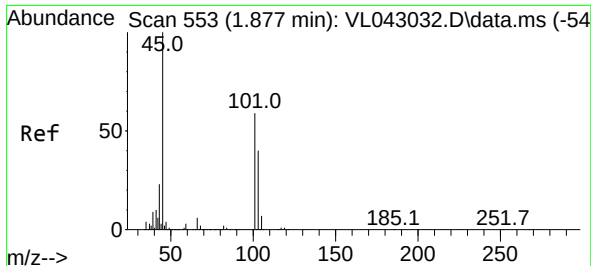
Tgt Ion: 43 Resp: 20002
Ion Ratio Lower Upper
43 100
58 30.2 22.2 33.4



#16
1,3-Butadiene
Concen: 0.121 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.007 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 39 Resp: 1386
Ion Ratio Lower Upper
39 100
54 0.0 61.4 92.2#

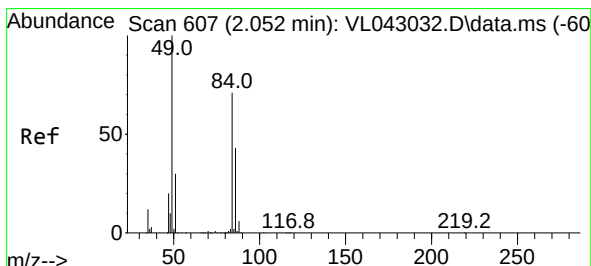
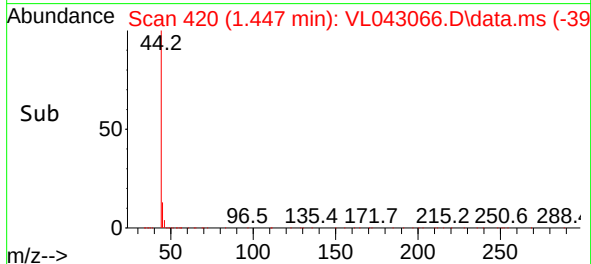
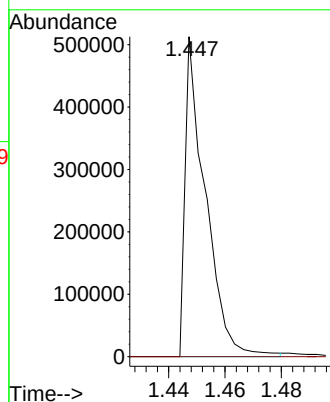
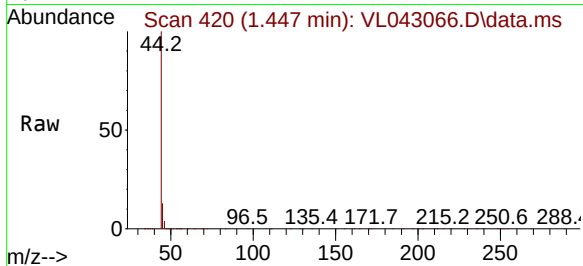




#19
Isopropyl Alcohol
Concen: 19.361 ppbv
RT: 1.447 min Scan# 41
Delta R.T. -0.430 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

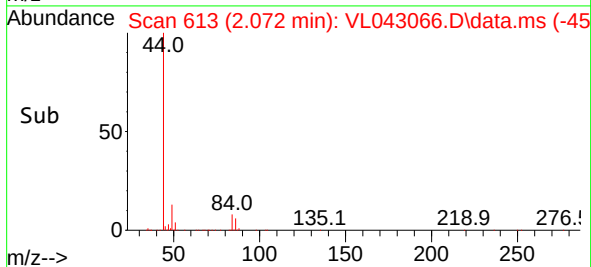
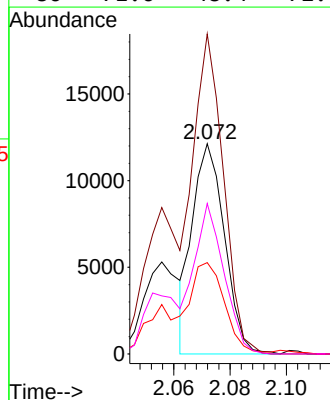
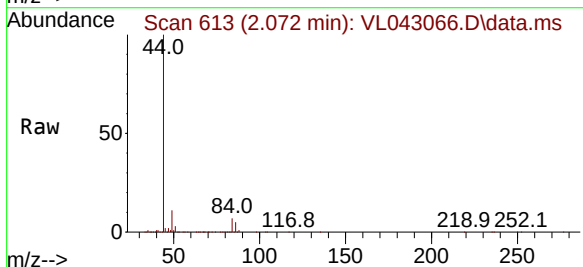
Instrument :
MSVOA_L
ClientSampleId :
SV2

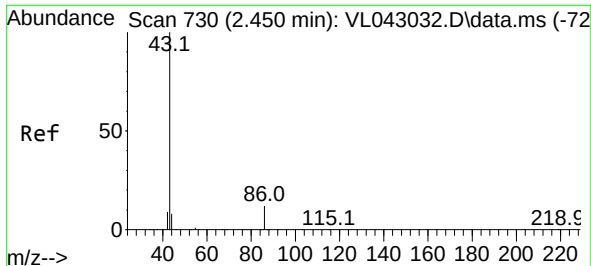
Tgt Ion: 45 Resp: 256759
Ion Ratio Lower Upper
45 100
58 0.1 42.3 63.5#



#20
Methylene Chloride
Concen: 0.796 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.020 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 84 Resp: 9615
Ion Ratio Lower Upper
84 100
49 151.8 112.5 168.7
51 41.7 34.2 51.2
86 71.6 48.4 72.6



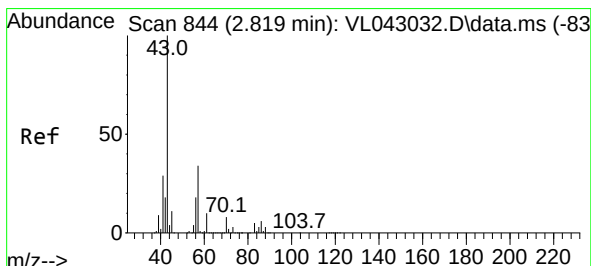
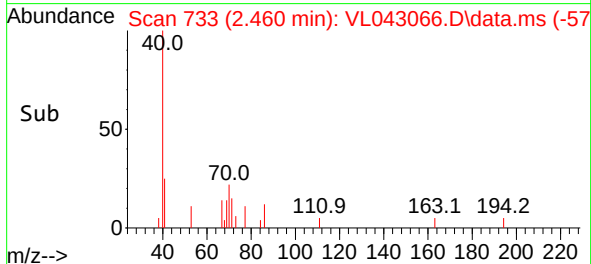
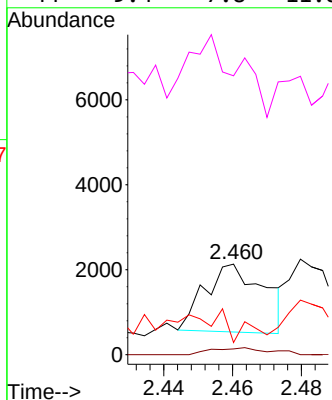
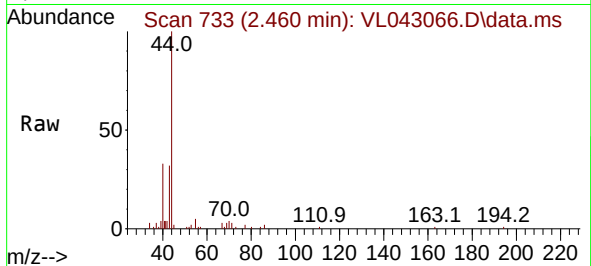


#23
 Vinyl Acetate
 Concen: 0.325 ppbv
 RT: 2.460 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL043066.D
 Acq: 08 Oct 2025 19:57

Instrument :
 MSVOA_1
 ClientSampleId :
 SV2

Tgt Ion: 43 Resp: 1911

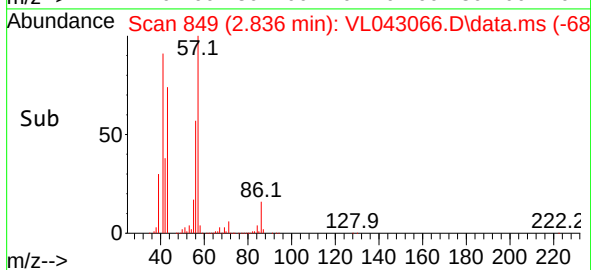
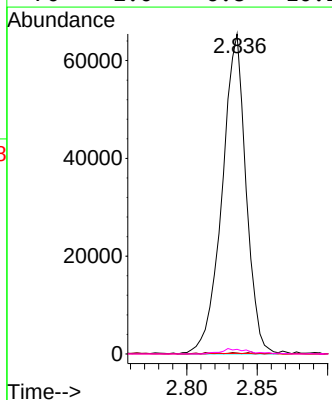
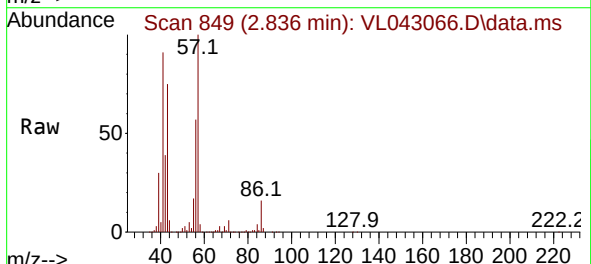
Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.5	11.3
42	0.0	8.4	12.6#
44	9.4	7.8	11.8

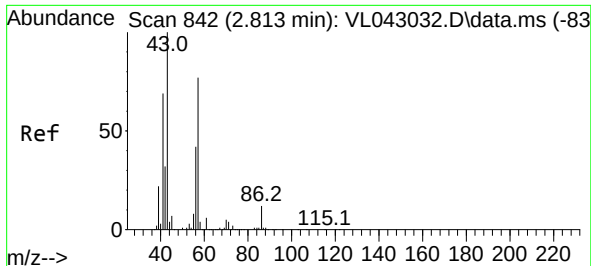


#25
 Ethyl Acetate
 Concen: 1.116 ppbv
 RT: 2.836 min Scan# 849
 Delta R.T. 0.016 min
 Lab File: VL043066.D
 Acq: 08 Oct 2025 19:57

Tgt Ion: 43 Resp: 77504

Ion	Ratio	Lower	Upper
43	100		
45	0.8	8.3	12.5#
61	0.3	7.5	11.3#
70	2.0	6.8	10.2#

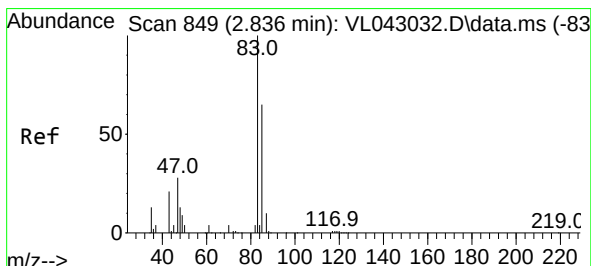
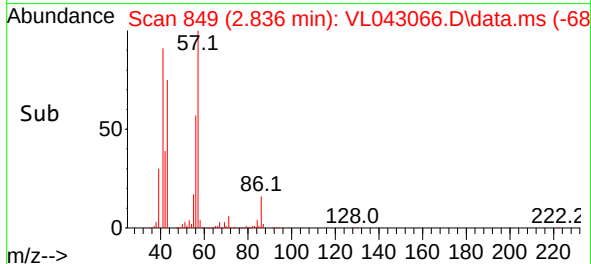
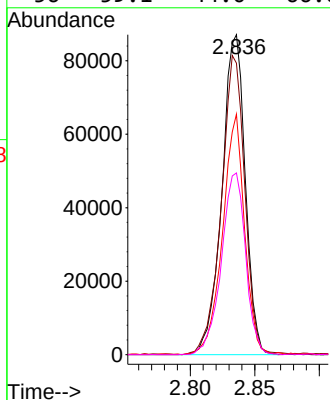
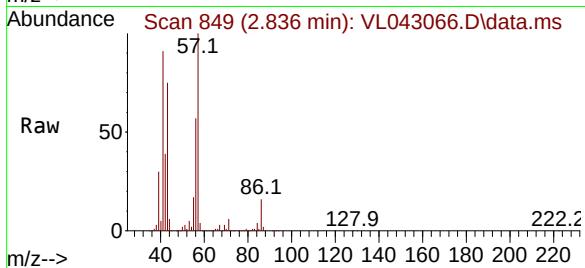




#26
Hexane
Concen: 4.101 ppbv
RT: 2.836 min Scan# 84
Delta R.T. 0.023 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

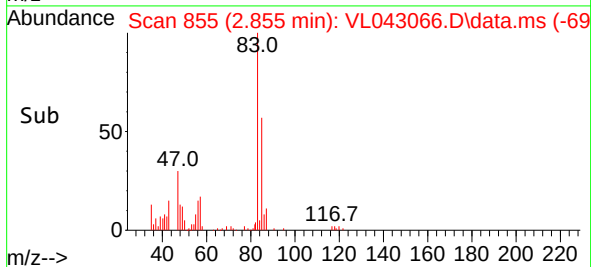
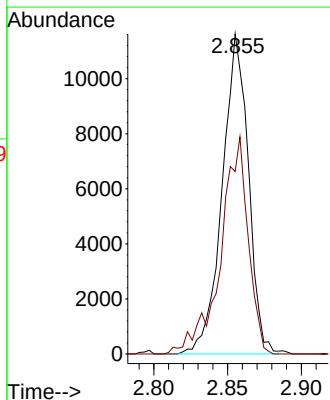
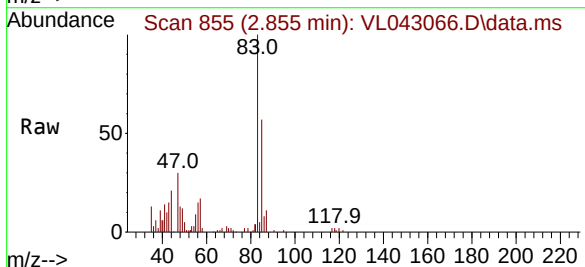
Instrument :
MSVOA_L
ClientSampleId :
SV2

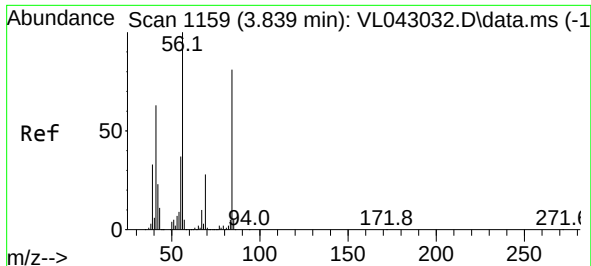
Tgt Ion: 57 Resp: 109536
Ion Ratio Lower Upper
57 100
41 94.5 76.1 114.1
43 71.2 201.4 302.0#
56 59.1 44.0 66.0



#29
Chloroform
Concen: 0.314 ppbv
RT: 2.855 min Scan# 855
Delta R.T. 0.020 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 83 Resp: 14318
Ion Ratio Lower Upper
83 100
85 57.0 52.0 78.0

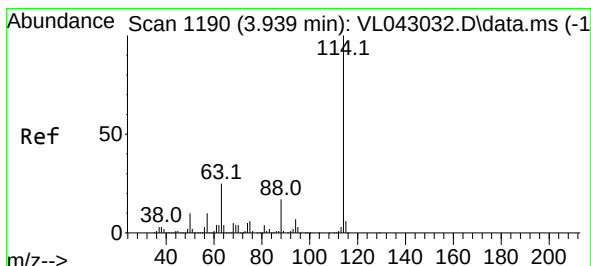
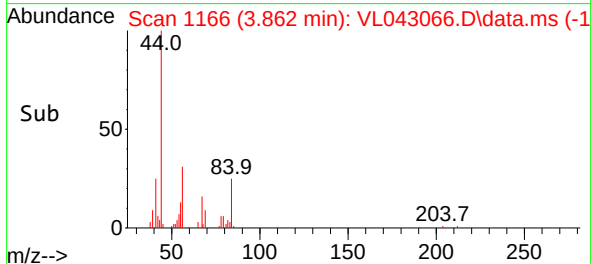
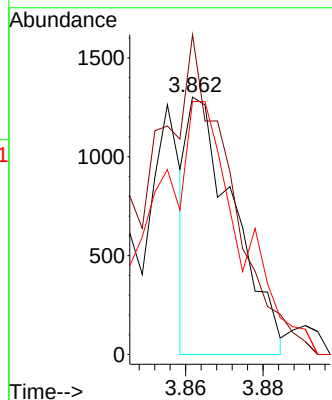
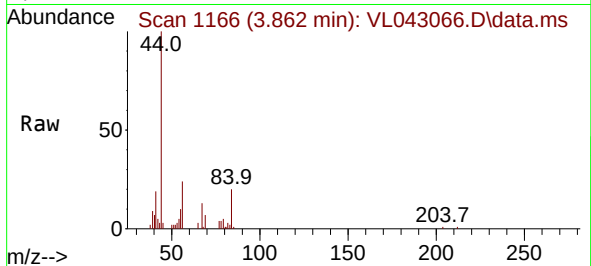




#30
Cyclohexane
Concen: 0.049 ppbv
RT: 3.862 min Scan# 1159
Delta R.T. 0.023 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

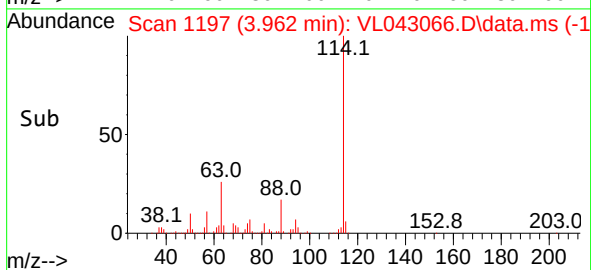
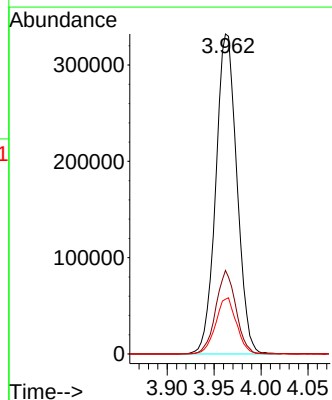
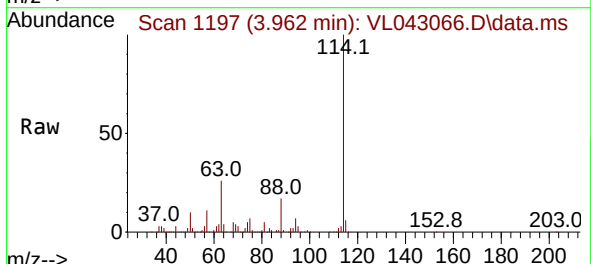
Instrument :
MSVOA_L
ClientSampleId :
SV2

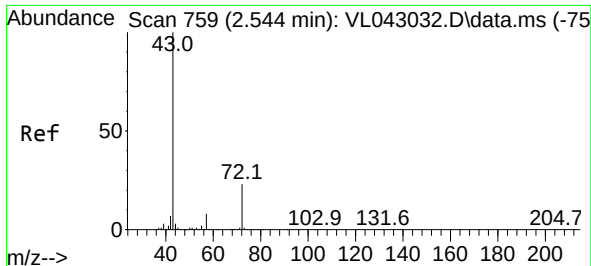
Tgt Ion: 84 Resp: 1081
Ion Ratio Lower Upper
84 100
56 221.9 99.9 149.9#
41 202.4 64.2 96.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.023 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 114 Resp: 519007
Ion Ratio Lower Upper
114 100
63 25.1 19.4 29.2
88 17.4 13.9 20.9

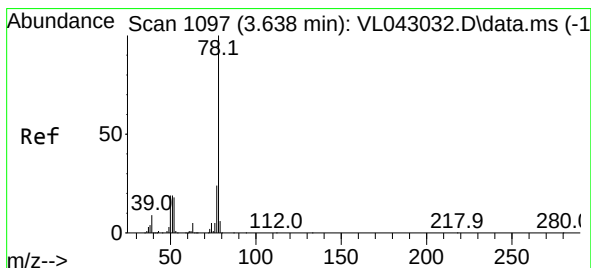
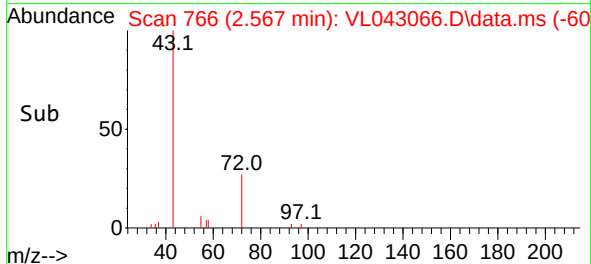
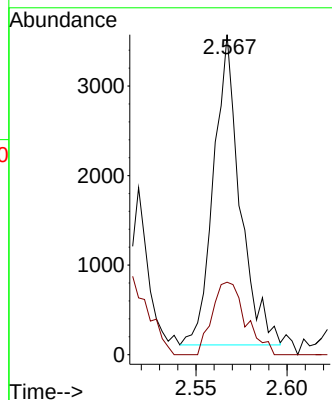
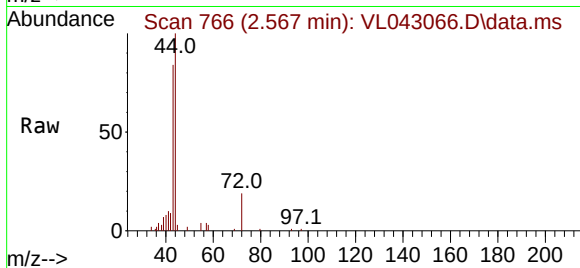




#34
2-Butanone
Concen: 0.099 ppbv
RT: 2.567 min Scan# 71
Delta R.T. 0.023 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

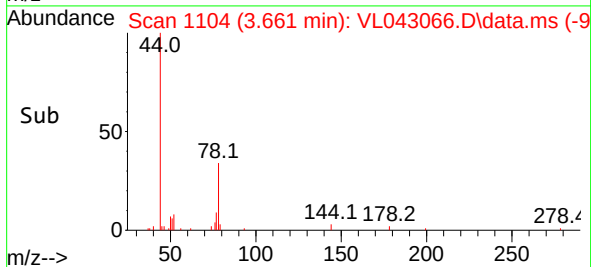
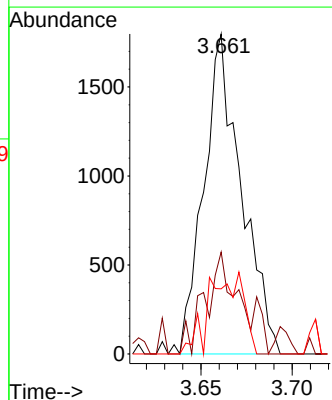
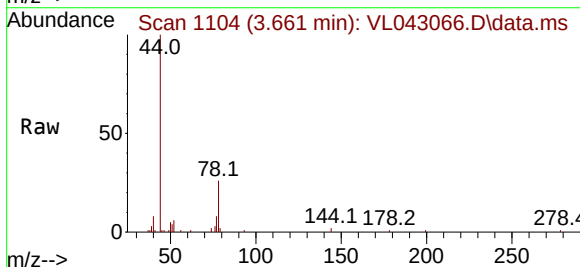
Instrument :
MSVOA_1
ClientSampleId :
SV2

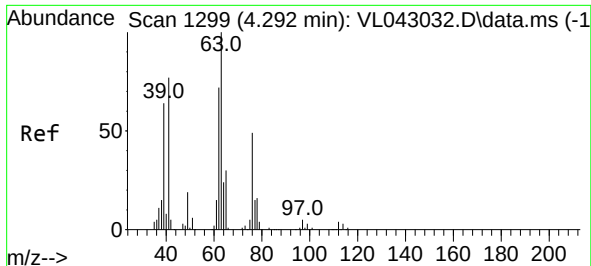
Tgt Ion: 43 Resp: 3499
Ion Ratio Lower Upper
43 100
72 29.5 18.4 27.6#



#36
Benzene
Concen: 0.052 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.023 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 78 Resp: 2564
Ion Ratio Lower Upper
78 100
77 31.9 19.2 28.8#
50 20.4 14.9 22.3





#39

1,2-Dichloropropane

Concen: 7.068 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.330 min

Lab File: VL043066.D

Acq: 08 Oct 2025 19:57

Instrument :

MSVOA_L

ClientSampleId :

SV2

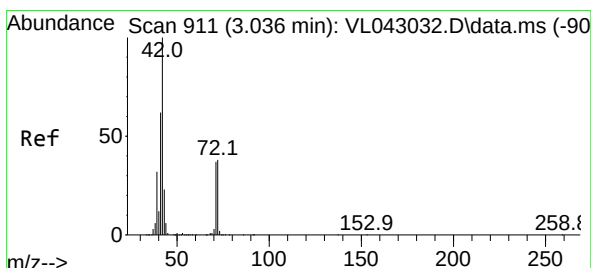
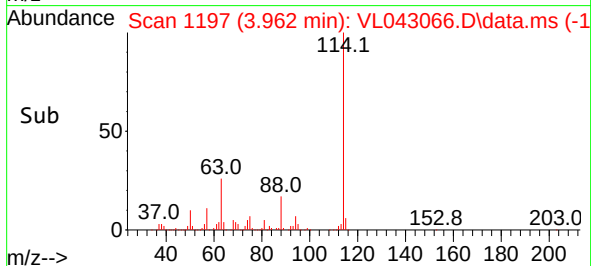
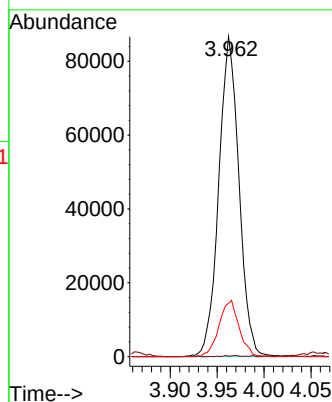
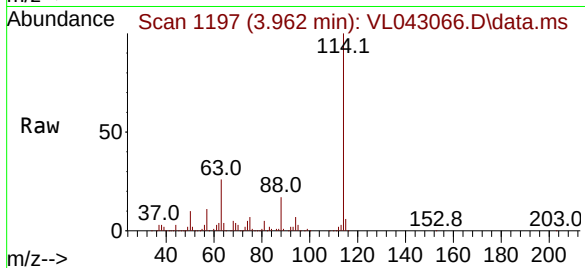
Tgt Ion: 63 Resp: 129919

Ion Ratio Lower Upper

63 100

41 0.2 61.6 92.4#

62 16.6 58.1 87.1#



#41

Tetrahydrofuran

Concen: 2.554 ppbv

RT: 2.833 min Scan# 848

Delta R.T. -0.204 min

Lab File: VL043066.D

Acq: 08 Oct 2025 19:57

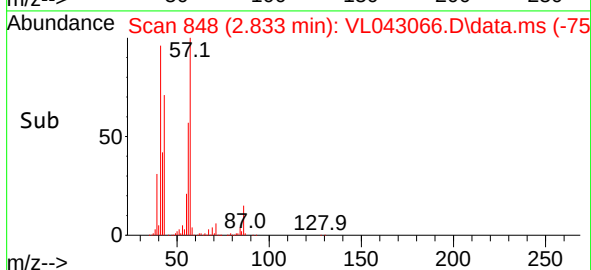
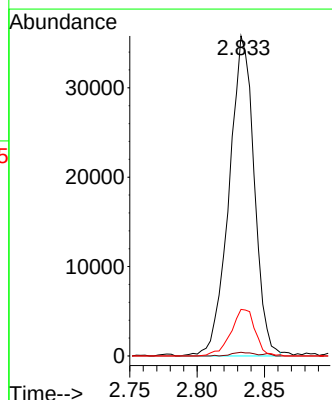
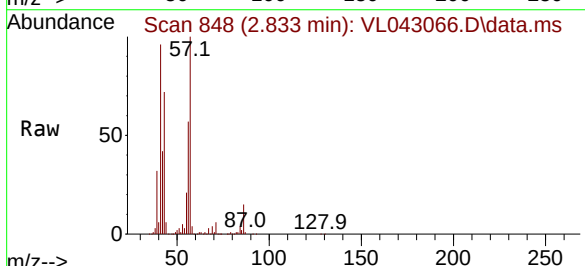
Tgt Ion: 42 Resp: 46481

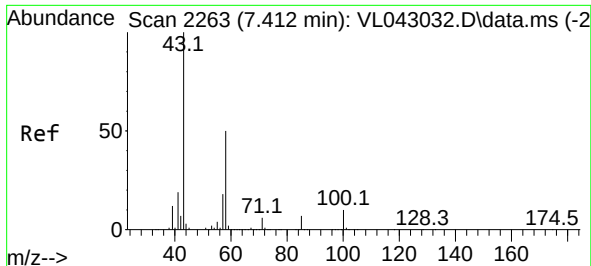
Ion Ratio Lower Upper

42 100

72 1.2 31.0 46.6#

71 14.1 29.8 44.6#

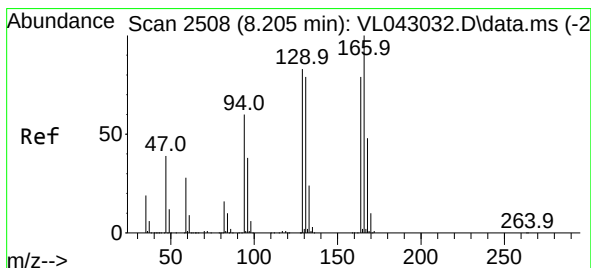
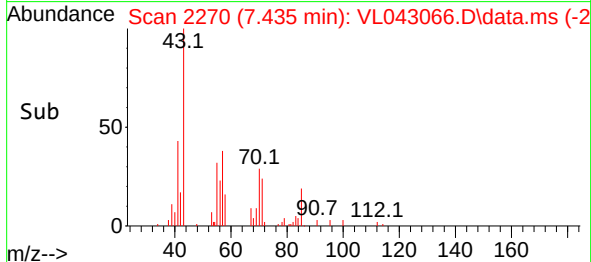
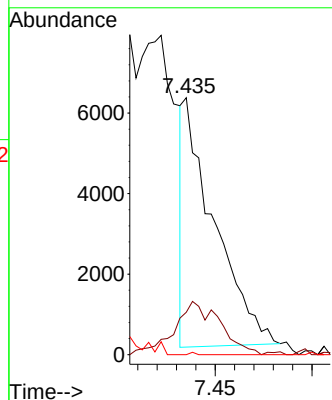
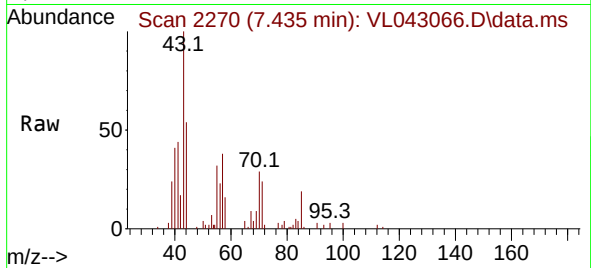




#51
2-Hexanone
Concen: 0.221 ppbv
RT: 7.435 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

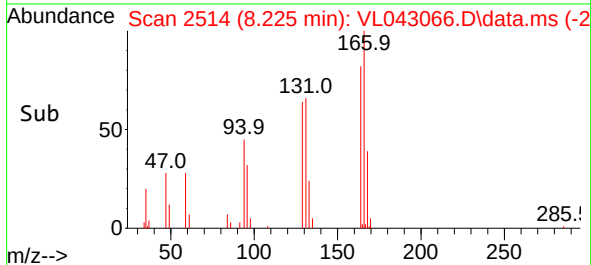
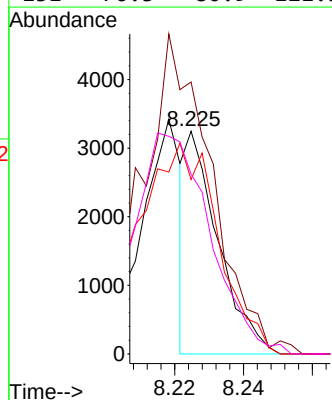
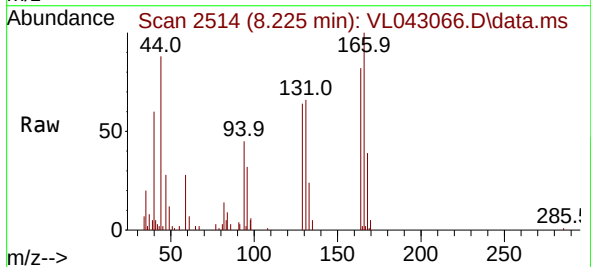
Instrument :
MSVOA_L
ClientSampleId :
SV2

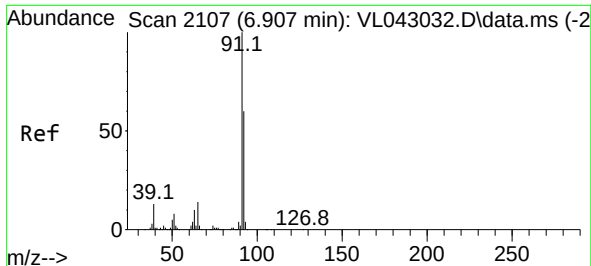
Tgt Ion: 43 Resp: 6766
Ion Ratio Lower Upper
43 100
58 32.4 39.1 58.7#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.114 ppbv
RT: 8.225 min Scan# 2514
Delta R.T. 0.020 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 164 Resp: 2092
Ion Ratio Lower Upper
164 100
166 116.3 101.8 152.8
129 78.3 84.5 126.7#
131 76.3 80.9 121.3#

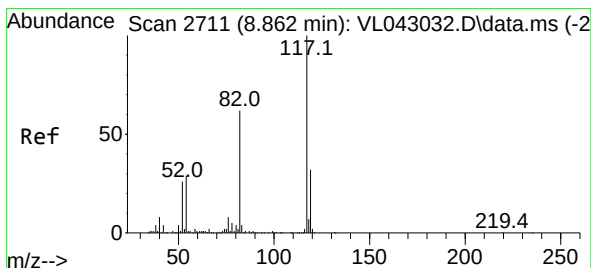
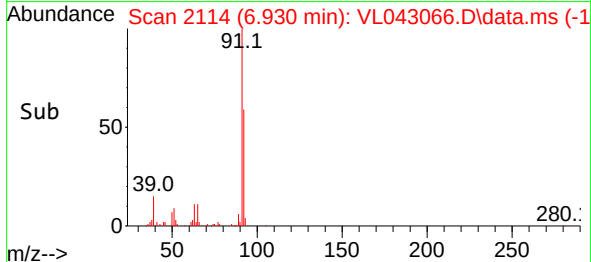
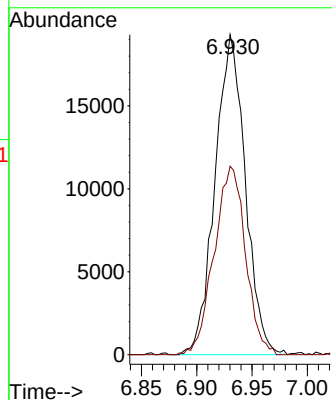
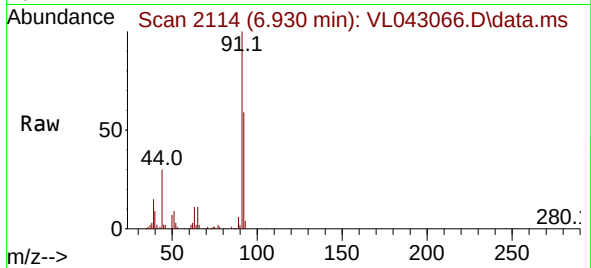




#53
Toluene
Concen: 0.733 ppbv
RT: 6.930 min Scan# 2107
Delta R.T. 0.023 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

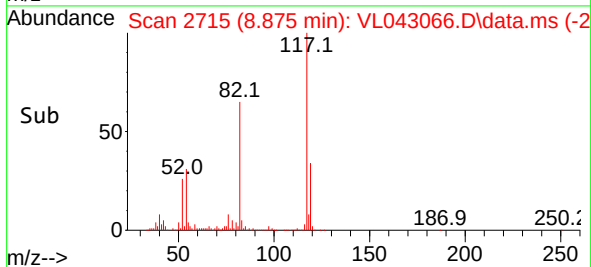
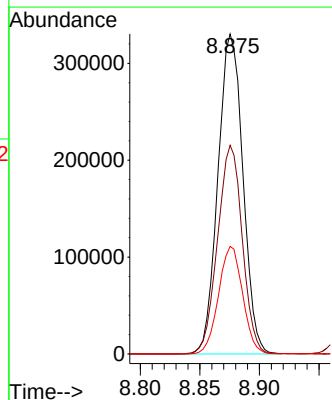
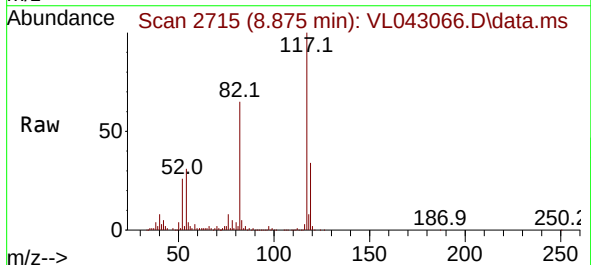
Instrument :
MSVOA_L
ClientSampleId :
SV2

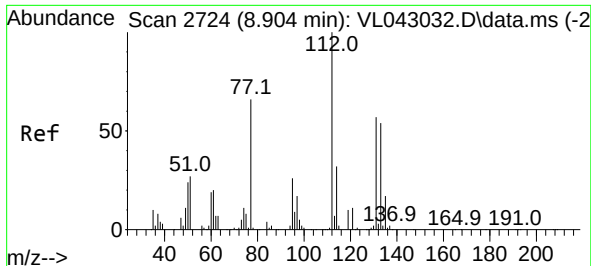
Tgt Ion: 91 Resp: 36696
Ion Ratio Lower Upper
91 100
92 60.9 47.8 71.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. 0.013 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 117 Resp: 480524
Ion Ratio Lower Upper
117 100
82 64.6 53.0 79.6
119 32.6 25.4 38.2

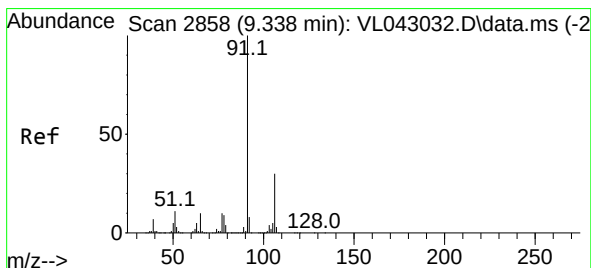
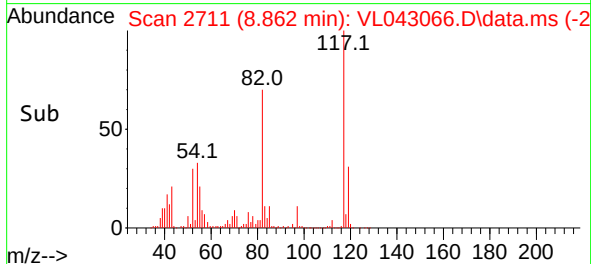
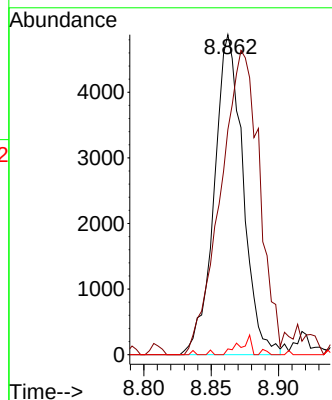
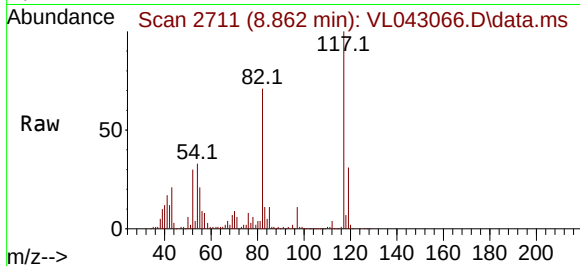




#57
Chlorobenzene
Concen: 0.143 ppbv
RT: 8.862 min Scan# 21
Delta R.T. -0.042 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

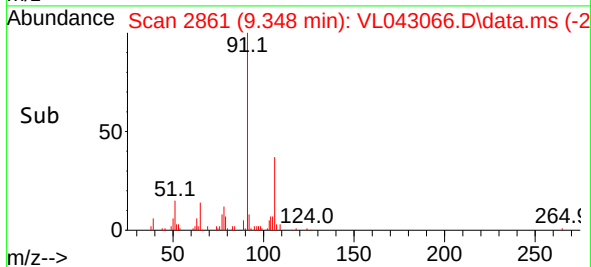
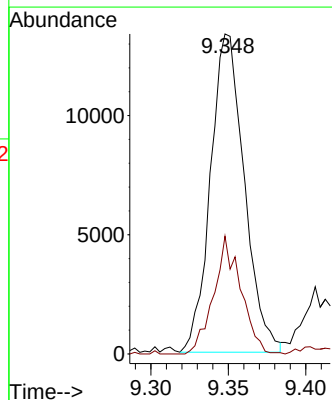
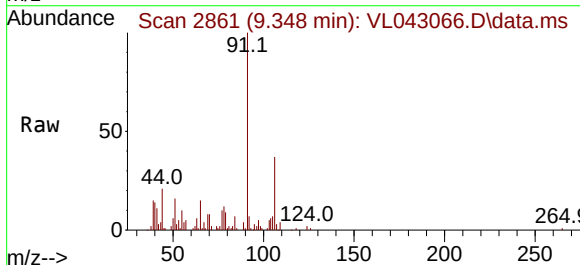
Instrument :
MSVOA_L
ClientSampleId :
SV2

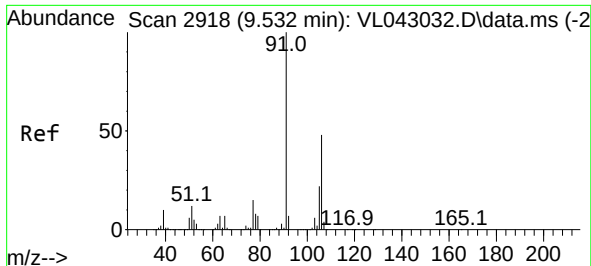
Tgt Ion:112 Resp: 7251
Ion Ratio Lower Upper
112 100
77 70.4 53.2 79.8
114 12.5 28.6 35.0#



#58
Ethyl Benzene
Concen: 0.272 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. 0.010 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 91 Resp: 20269
Ion Ratio Lower Upper
91 100
106 37.0 24.1 36.1#

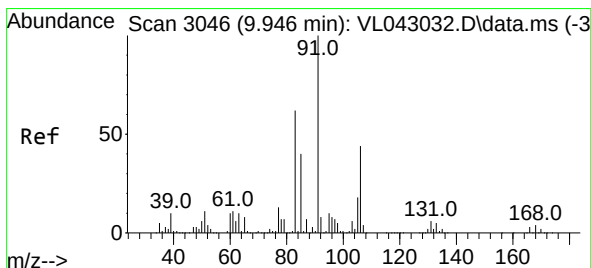
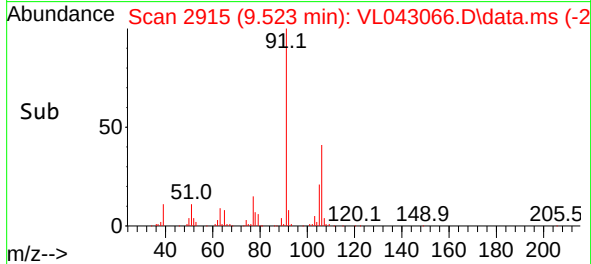
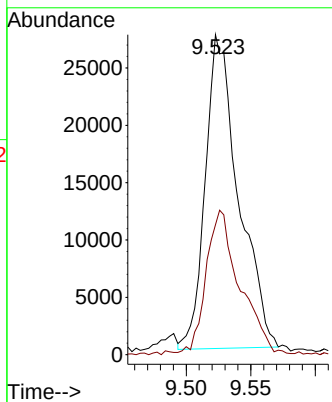
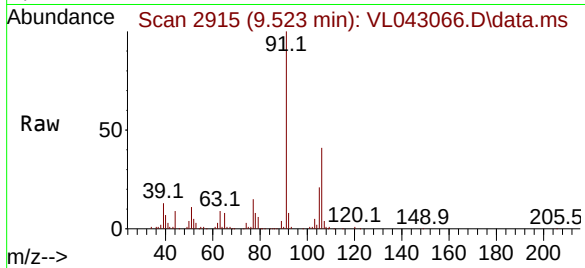




#59
m/p-Xylene
Concen: 0.782 ppbv
RT: 9.523 min Scan# 2918
Delta R.T. -0.009 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

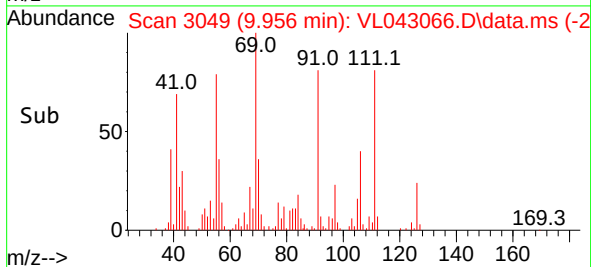
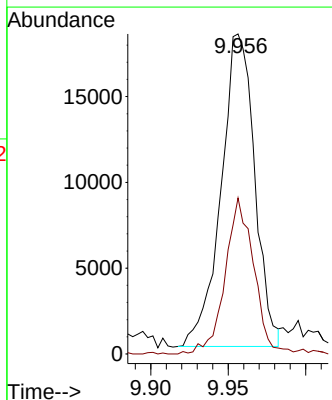
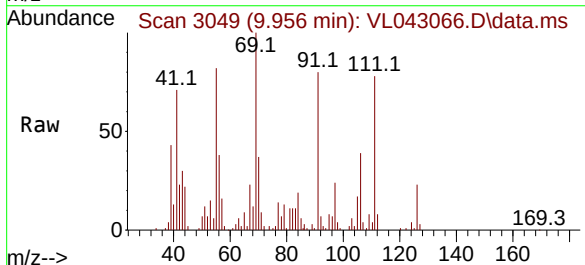
Instrument :
MSVOA_L
ClientSampleId :
SV2

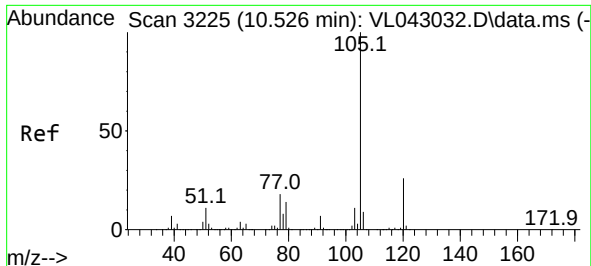
Tgt Ion: 91 Resp: 49102
Ion Ratio Lower Upper
91 100
106 46.6 37.5 56.3



#60
o-Xylene
Concen: 0.440 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. 0.010 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 91 Resp: 27516
Ion Ratio Lower Upper
91 100
106 43.3 21.9 65.5





#62

Isopropylbenzene

Concen: 0.069 ppbv

RT: 10.532 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL043066.D

Acq: 08 Oct 2025 19:57

Instrument :

MSVOA_L

ClientSampleId :

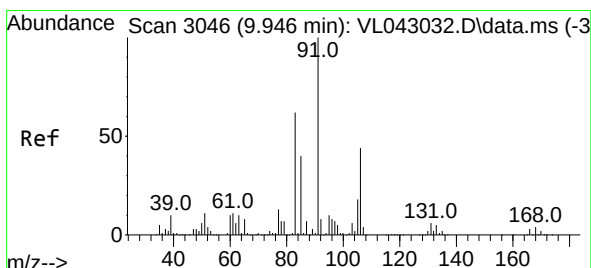
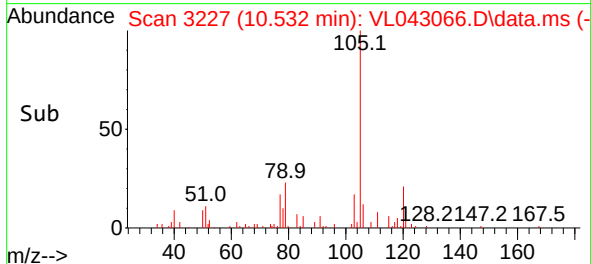
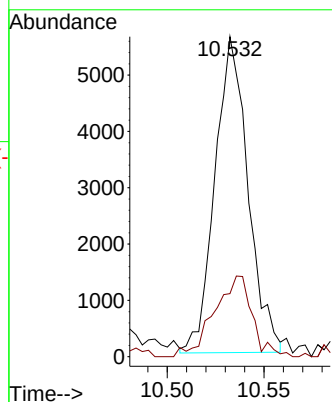
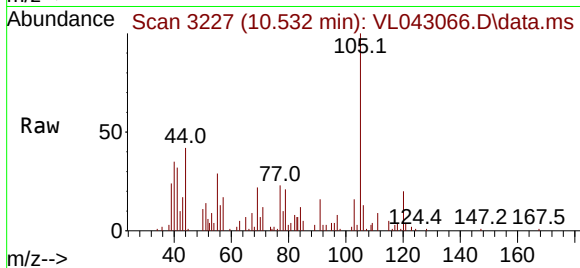
SV2

Tgt Ion:105 Resp: 6672

Ion Ratio Lower Upper

105 100

120 29.2 20.6 31.0



#63

1,1,2,2-Tetrachloroethane

Concen: 0.078 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. 0.039 min

Lab File: VL043066.D

Acq: 08 Oct 2025 19:57

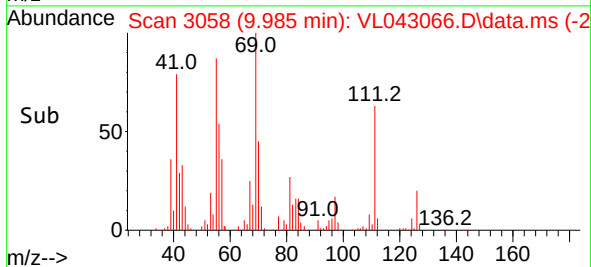
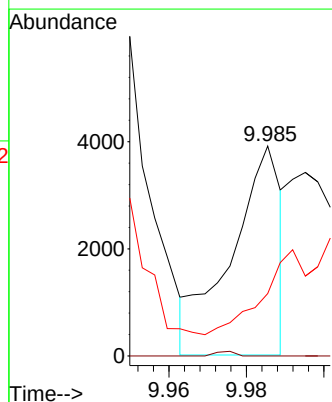
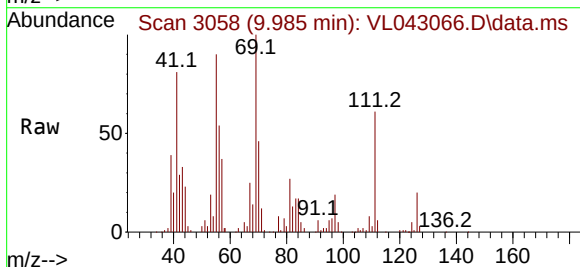
Tgt Ion: 83 Resp: 3487

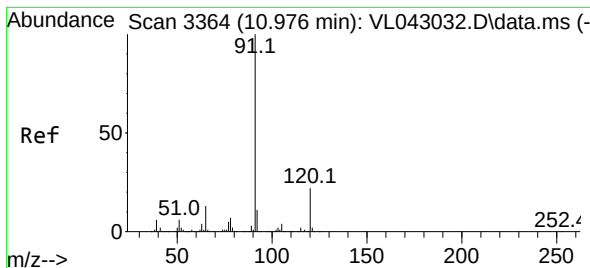
Ion Ratio Lower Upper

83 100

131 0.9 4.7 14.1#

85 0.0 32.0 96.2#





#64

n-propylbenzene

Concen: 0.125 ppbv

RT: 10.986 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL043066.D

Acq: 08 Oct 2025 19:57

Instrument :

MSVOA_L

ClientSampleId :

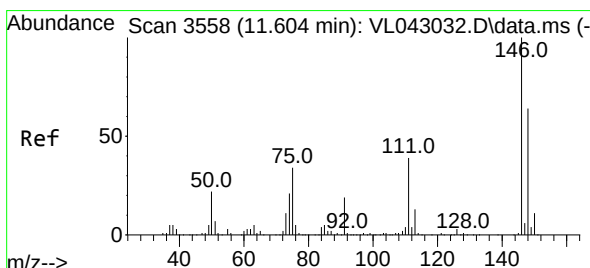
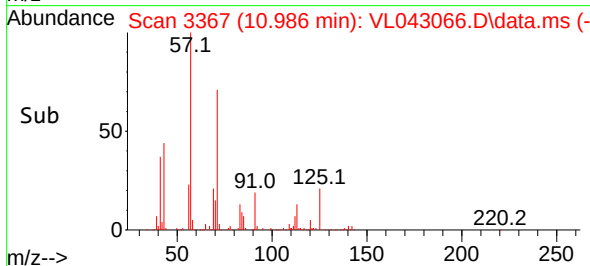
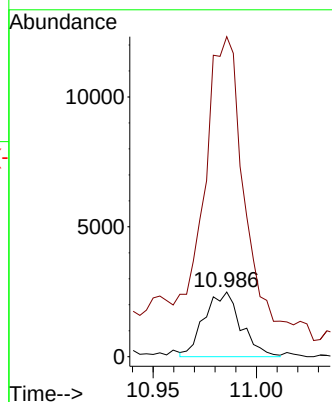
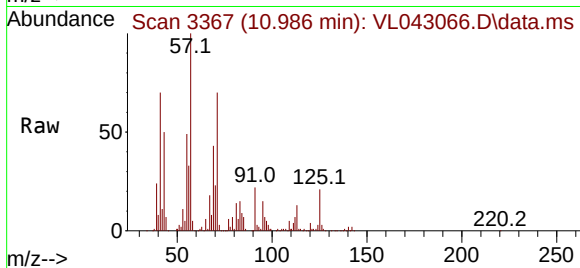
SV2

Tgt Ion:120 Resp: 3059

Ion Ratio Lower Upper

120 100

91 597.7 367.0 550.4#



#66

Benzyl Chloride

Concen: 0.218 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. 0.023 min

Lab File: VL043066.D

Acq: 08 Oct 2025 19:57

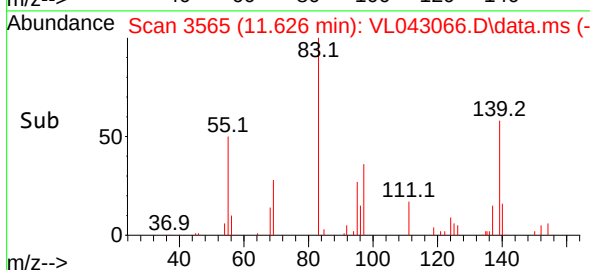
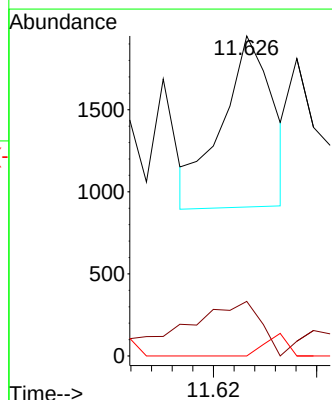
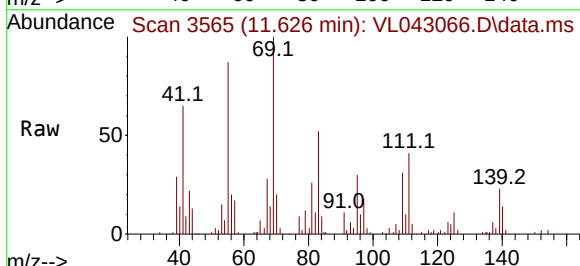
Tgt Ion: 91 Resp: 712

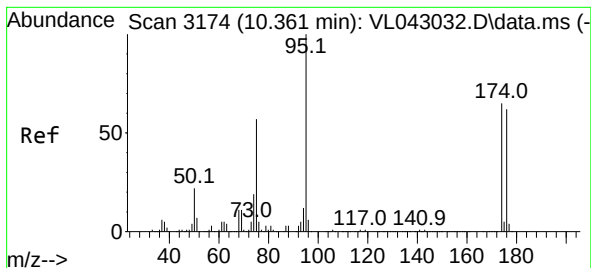
Ion Ratio Lower Upper

91 100

126 81.0 14.2 21.4#

128 0.0 4.8 7.2#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.449 ppbv

RT: 10.371 min Scan# 3177

Delta R.T. 0.010 min

Lab File: VL043066.D

Acq: 08 Oct 2025 19:57

Instrument :

MSVOA_L

ClientSampleId :

SV2

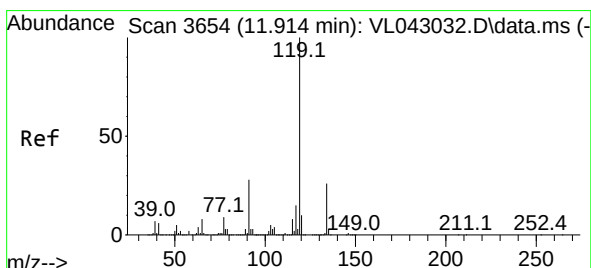
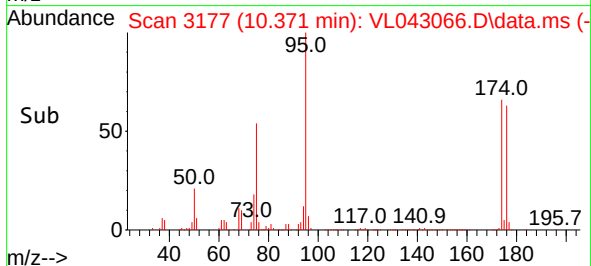
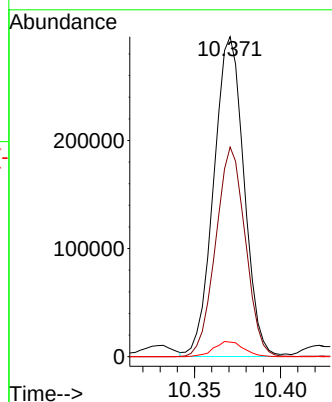
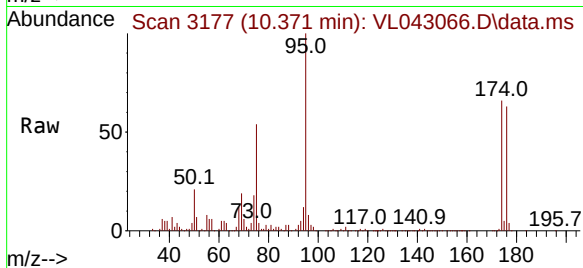
Tgt Ion: 95 Resp: 361719

Ion Ratio Lower Upper

95 100

174 64.4 52.3 78.5

175 4.7 3.8 5.8



#69

p-Isopropyltoluene

Concen: 0.031 ppbv

RT: 11.918 min Scan# 3655

Delta R.T. 0.003 min

Lab File: VL043066.D

Acq: 08 Oct 2025 19:57

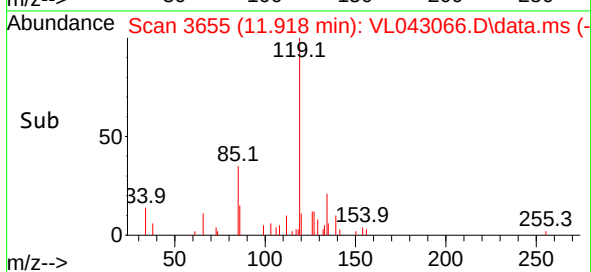
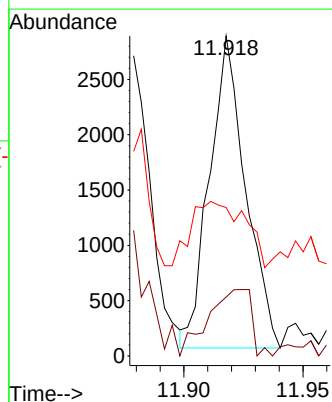
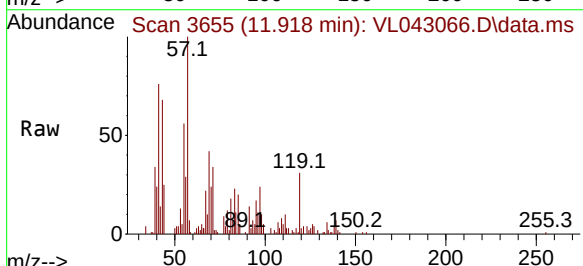
Tgt Ion: 119 Resp: 2967

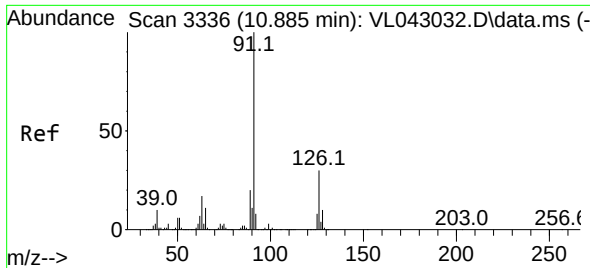
Ion Ratio Lower Upper

119 100

134 28.6 20.5 30.7

91 92.8 22.6 33.8#

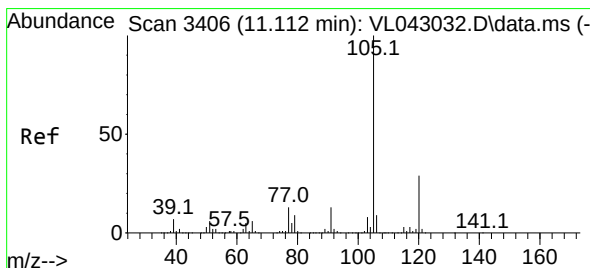
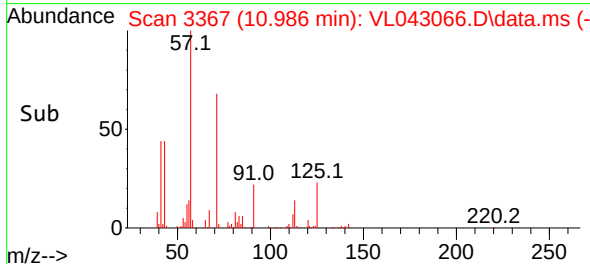
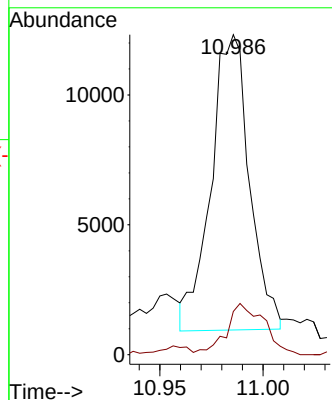
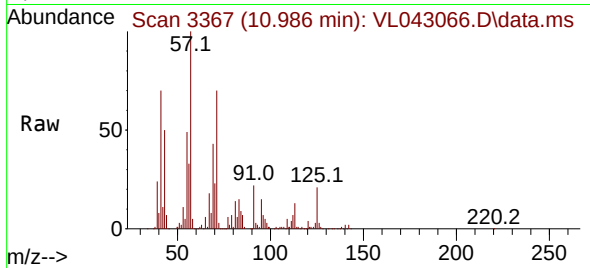




#71
2-Chlorotoluene
Concen: 0.212 ppbv
RT: 10.986 min Scan# 31
Delta R.T. 0.101 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

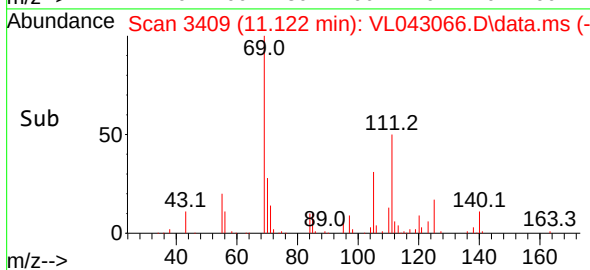
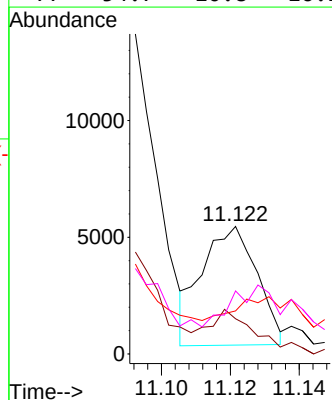
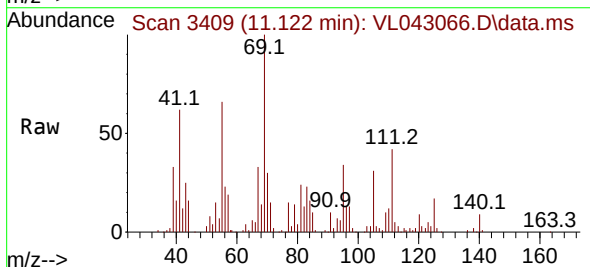
Instrument :
MSVOA_L
ClientSampleId :
SV2

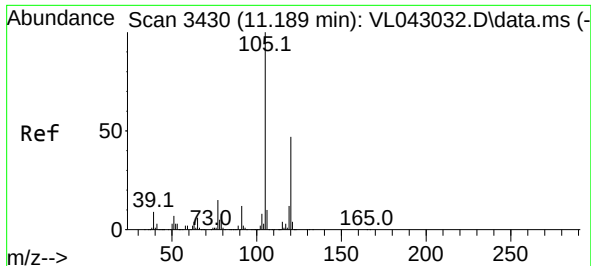
Tgt Ion: 91 Resp: 14710
Ion Ratio Lower Upper
91 100
126 19.3 12.2 48.6



#72
4-Ethyltoluene
Concen: 0.076 ppbv
RT: 11.122 min Scan# 3409
Delta R.T. 0.010 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion: 105 Resp: 5632
Ion Ratio Lower Upper
105 100
120 0.0 23.5 35.3#
91 49.4 10.4 15.6#
77 54.7 10.8 16.2#

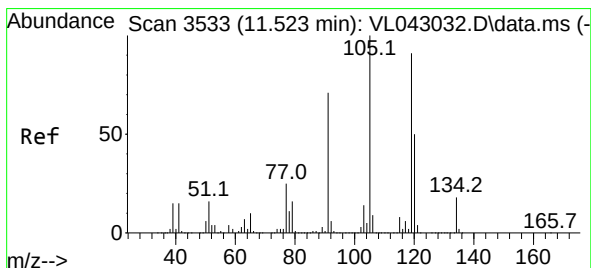
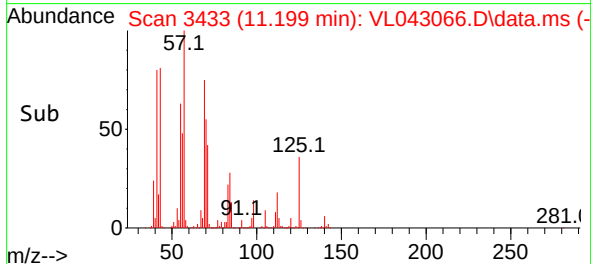
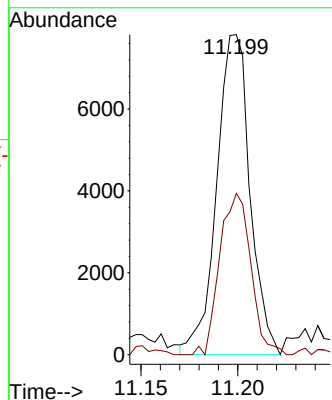
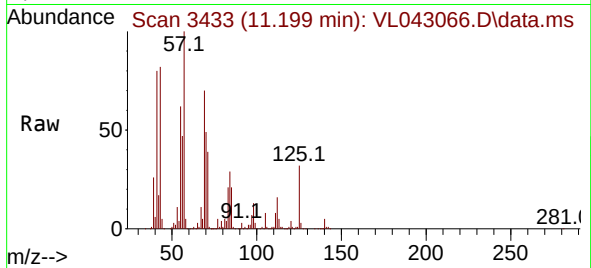




#73
1,3,5-Trimethylbenzene
Concen: 0.145 ppbv
RT: 11.199 min Scan# 3430
Delta R.T. 0.010 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

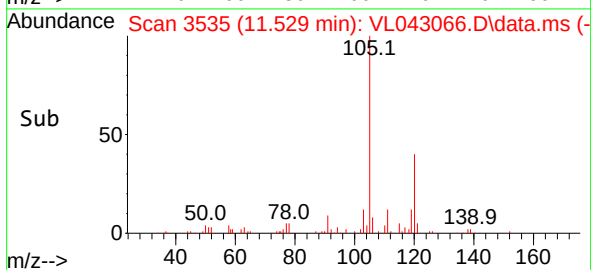
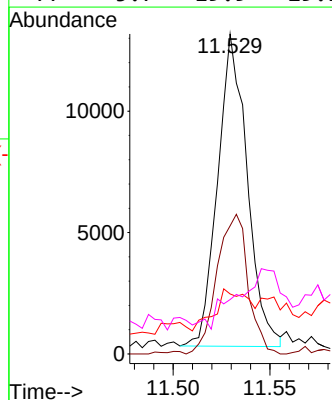
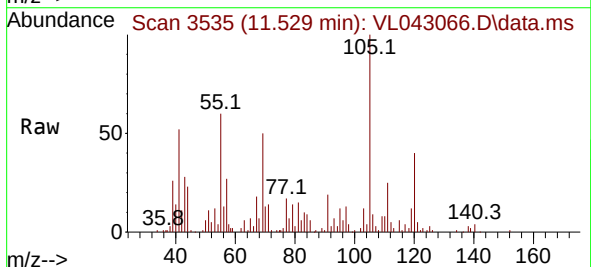
Instrument :
MSVOA_L
ClientSampleId :
SV2

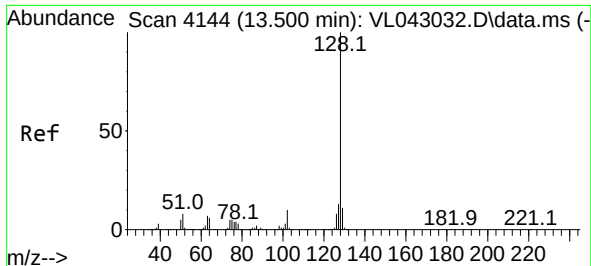
Tgt Ion:105 Resp: 9353
Ion Ratio Lower Upper
105 100
120 50.4 37.5 56.3



#74
1,2,4-Trimethylbenzene
Concen: 0.187 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. 0.007 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion:105 Resp: 13609
Ion Ratio Lower Upper
105 100
120 41.1 39.7 59.5
91 9.2 56.5 84.7#
77 5.7 19.9 29.9#

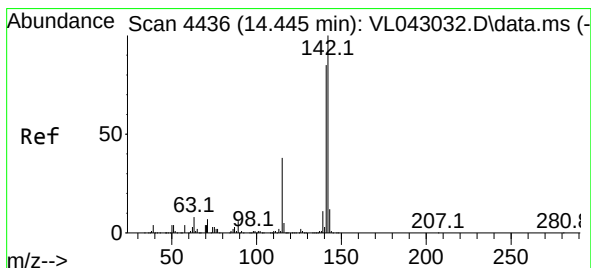
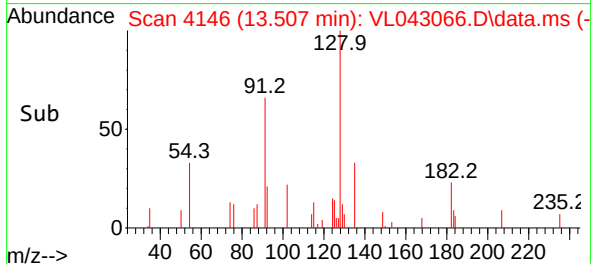
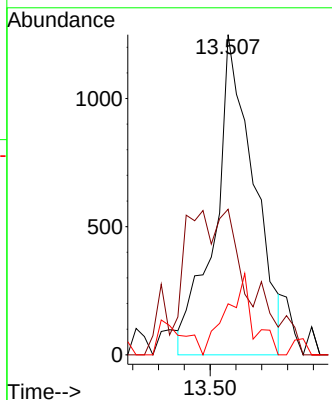
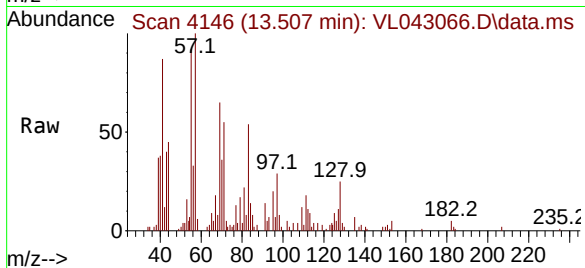




#79
Naphthalene
Concen: 0.256 ppbv
RT: 13.507 min Scan# 4144
Delta R.T. 0.007 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion:128 Resp: 1301
Ion Ratio Lower Upper
128 100
127 39.8 10.6 16.0#
129 17.2 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.726 ppbv
RT: 14.459 min Scan# 4440
Delta R.T. 0.014 min
Lab File: VL043066.D
Acq: 08 Oct 2025 19:57

Tgt Ion:142 Resp: 1953
Ion Ratio Lower Upper
142 100
141 102.1 66.6 100.0#
115 56.0 30.1 45.1#

