

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072425\
 Data File : VL042764.D
 Acq On : 24 Jul 2025 14:28
 Operator : SY/MD
 Sample : Q2671-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 118-AAI

Quant Time: Jul 25 01:27:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

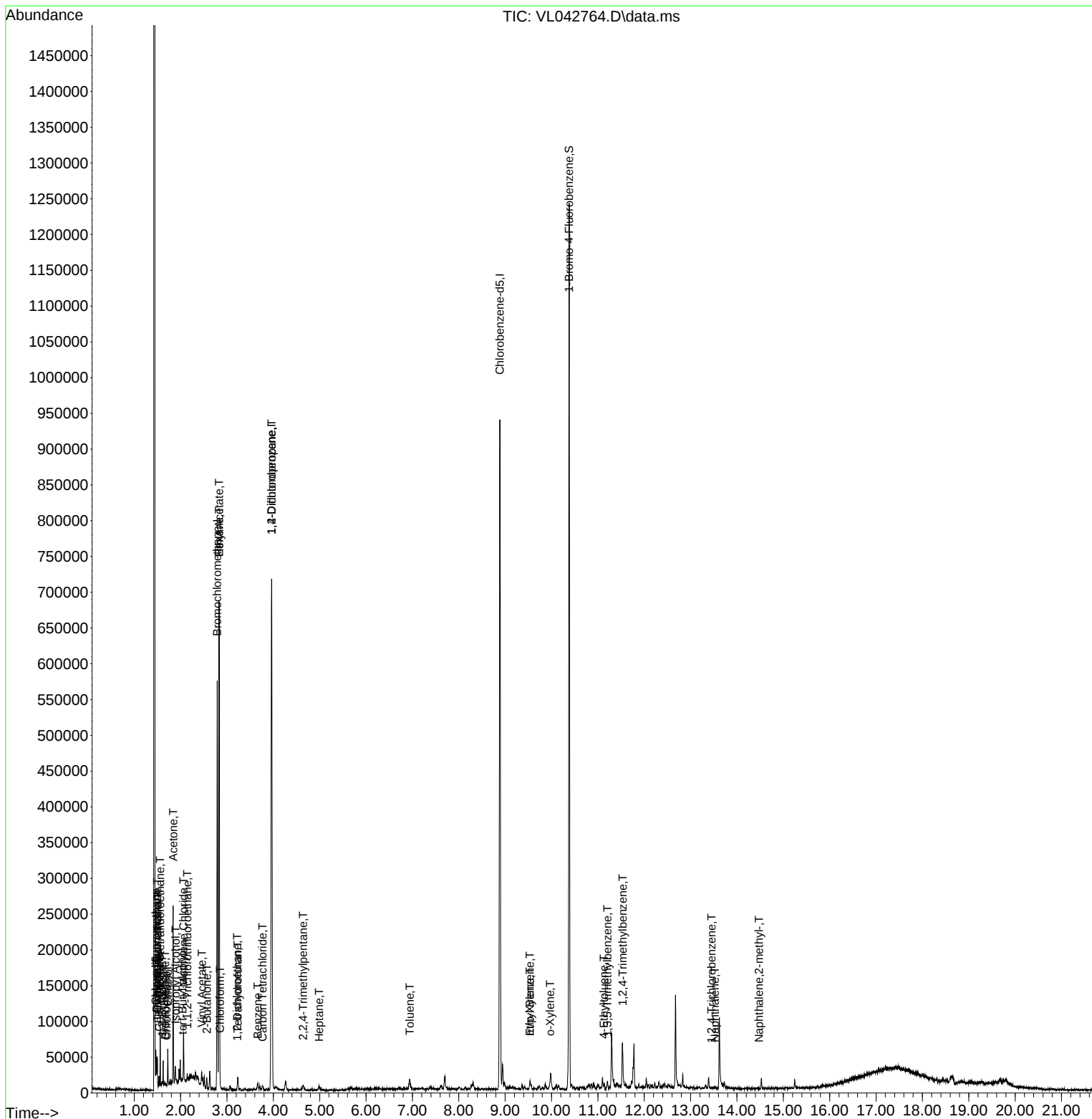
Internal Standards						
1) Bromochloromethane	2.790	49	153272	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	419258	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	371493	10.000	ppbv	0.00

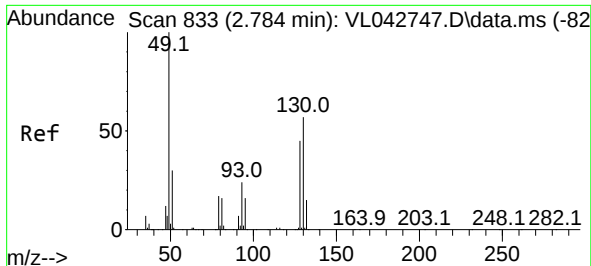
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	297462	10.111	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	9014	0.445	ppbv	99
3) Chlorodifluoromethane	1.466	51	17661	0.669	ppbv #	78
4) Chloromethane	1.534	50	3742	0.456	ppbv	93
6) Bromomethane	1.667	94	80	0.026	ppbv #	12
7) Chloroethane	1.699	64	80	0.026	ppbv #	81
8) Dichlorotetrafluoroethane	1.557	85	435	0.026	ppbv #	80
9) Propene	1.489	41	3163	0.330	ppbv	98
10) Heptane	4.985	43	1192	0.046	ppbv #	73
11) Trichlorofluoromethane	1.502	101	761	0.036	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.143	101	1178	0.074	ppbv	84
13) Ethanol	1.725	45	16700	22.753	ppbv #	31
15) Acetone	1.839	43	104631	4.944	ppbv	98
16) 1,3-Butadiene	1.605	39	516	0.057	ppbv #	16
17) tert-Butyl alcohol	2.042	59	1153	0.060	ppbv #	46
19) Isopropyl Alcohol	1.890	45	7555	0.672	ppbv #	1
20) Methylene Chloride	2.065	84	8754	1.313	ppbv	92
23) Vinyl Acetate	2.457	43	7329	0.286	ppbv #	93
25) Ethyl Acetate	2.829	43	113028	2.413	ppbv #	78
26) Hexane	2.829	57	156916	7.636	ppbv #	41
29) Chloroform	2.852	83	1188	0.037	ppbv	96
34) 2-Butanone	2.567	43	10608	0.357	ppbv	100
35) Carbon Tetrachloride	3.768	117	1498	0.048	ppbv #	86
36) Benzene	3.664	78	2050	0.052	ppbv #	88
37) 1,2-Dichloroethane	3.221	62	567	0.024	ppbv #	81
39) 1,2-Dichloropropane	3.962	63	109848	7.489	ppbv #	20
41) Tetrahydrofuran	3.234	42	1480	0.098	ppbv #	54
44) 2,2,4-Trimethylpentane	4.645	57	2203	0.034	ppbv #	1
53) Toluene	6.943	91	4402	0.103	ppbv #	21
58) Ethyl Benzene	9.535	91	5900	0.101	ppbv	97
59) m/p-Xylene	9.535	91	5900	0.126	ppbv #	86
60) o-Xylene	9.969	91	2742	0.059	ppbv	96
72) 4-Ethyltoluene	11.131	105	1516	0.027	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.205	105	2080	0.045	ppbv #	70
74) 1,2,4-Trimethylbenzene	11.536	105	8207	0.163	ppbv #	56
79) Naphthalene	13.520	128	988	0.452	ppbv #	78
80) Naphthalene,2-methyl-	14.474	142	151	1.133	ppbv #	82
81) 1,2,4-Trichlorobenzene	13.448	180	25	0.436	ppbv #	1

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

Quant Time: Jul 25 01:27:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration

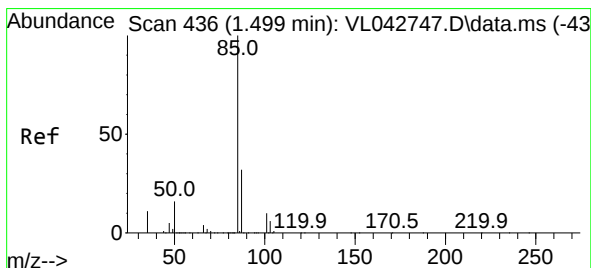
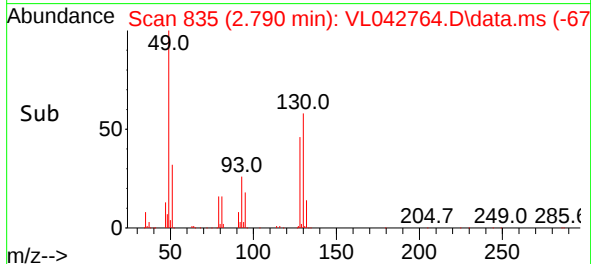
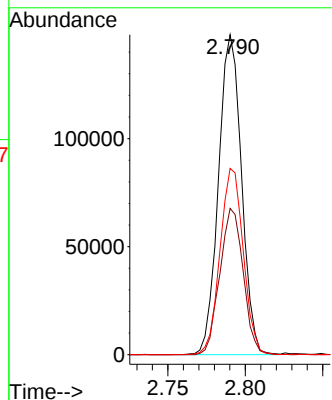
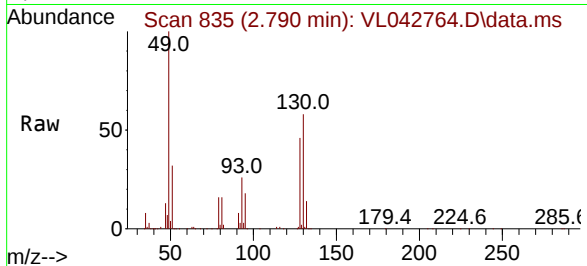




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL042764.D
 Acq: 24 Jul 2025 14:28

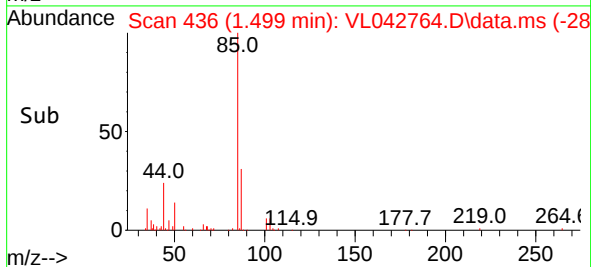
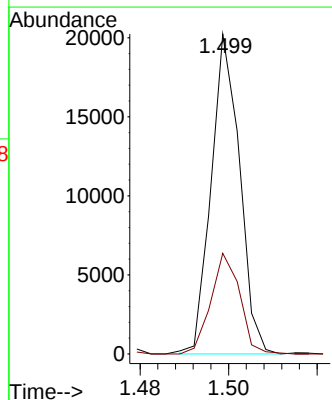
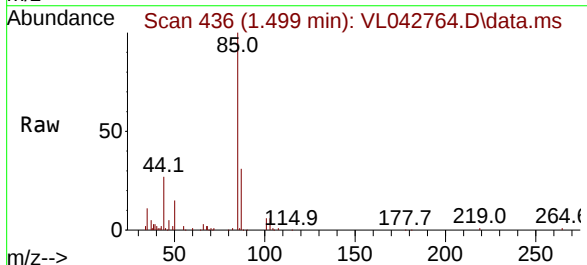
Instrument :
 MSVOA_L
 ClientSampleId :
 118-AAI

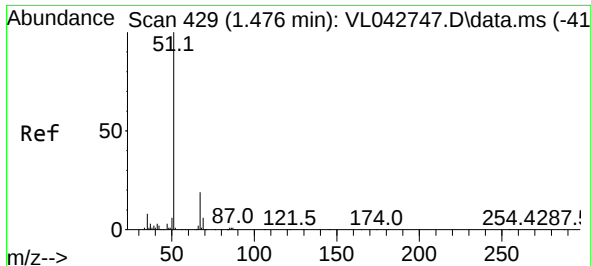
Tgt Ion: 49 Resp: 153272
 Ion Ratio Lower Upper
 49 100
 128 46.4 23.6 71.0
 130 58.9 30.3 90.8



#2
 Dichlorodifluoromethane
 Concen: 0.445 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.000 min
 Lab File: VL042764.D
 Acq: 24 Jul 2025 14:28

Tgt Ion: 85 Resp: 9014
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.4 38.2

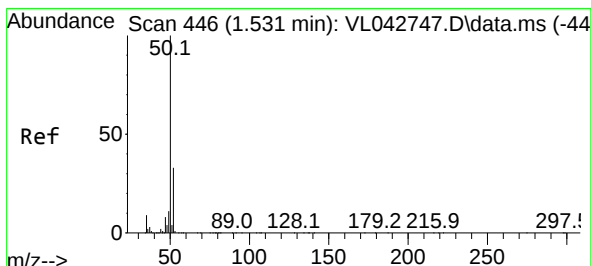
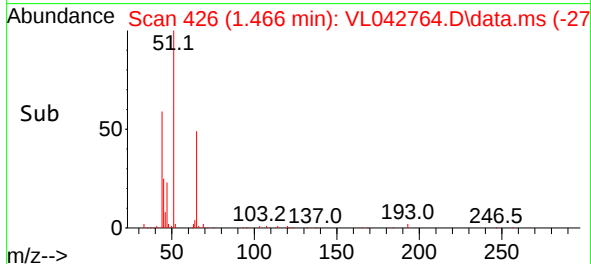
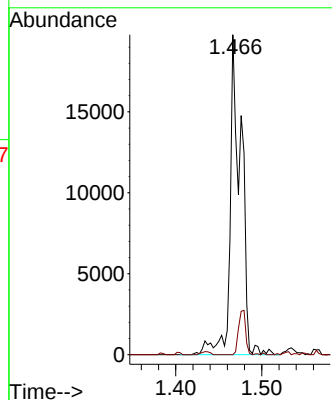
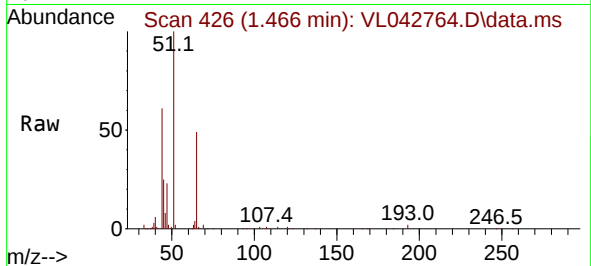




#3
Chlorodifluoromethane
Concen: 0.669 ppbv
RT: 1.466 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

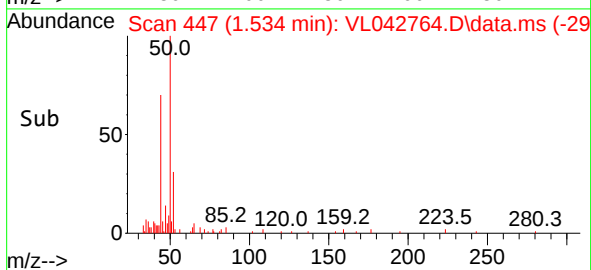
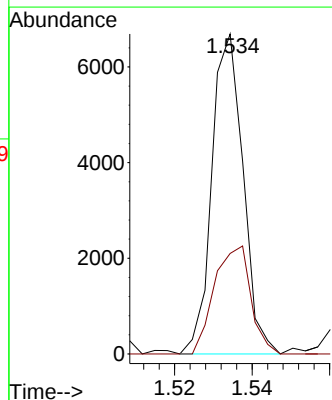
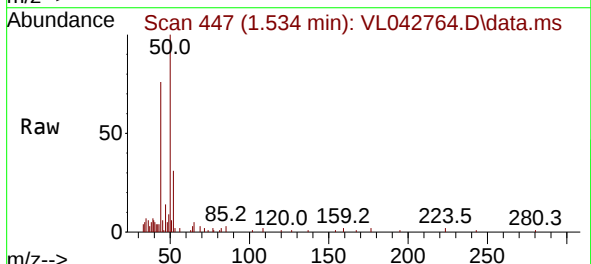
Instrument :
MSVOA_L
ClientSampleId :
118-AAI

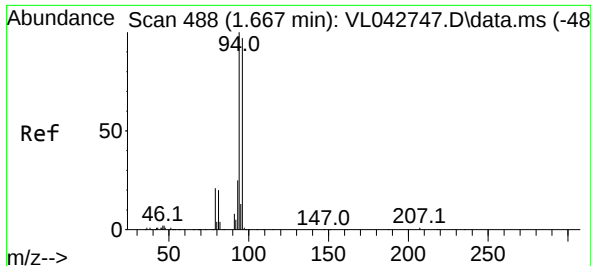
Tgt Ion: 51 Resp: 17661
Ion Ratio Lower Upper
51 100
67 9.0 15.0 22.6#



#4
Chloromethane
Concen: 0.456 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 50 Resp: 3742
Ion Ratio Lower Upper
50 100
52 29.5 26.6 40.0

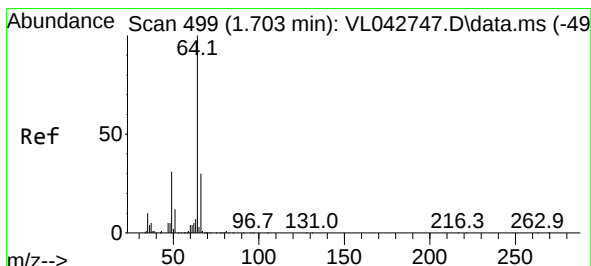
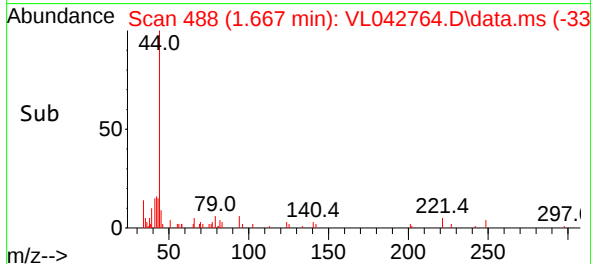
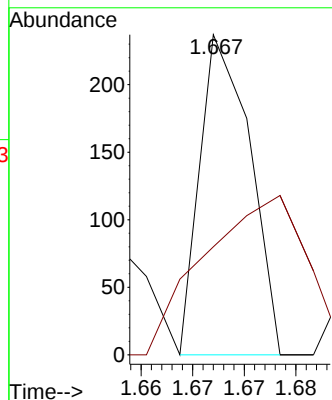
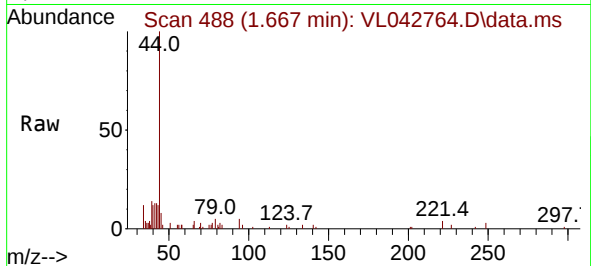




#6
Bromomethane
Concen: 0.026 ppbv
RT: 1.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

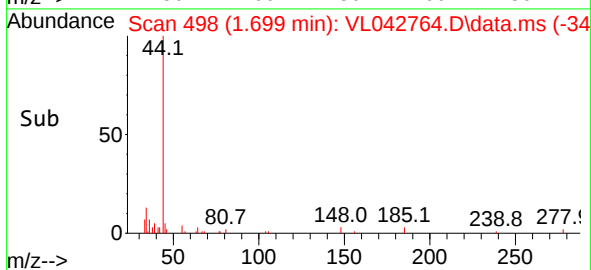
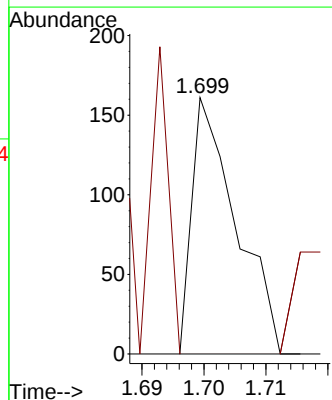
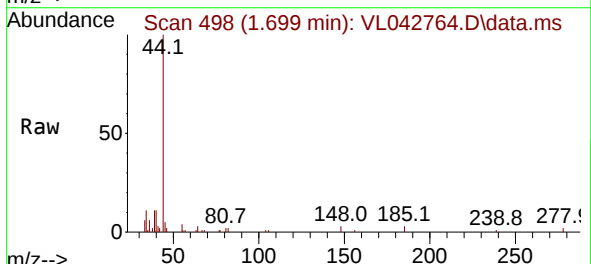
Instrument :
MSVOA_L
ClientSampleId :
118-AAI

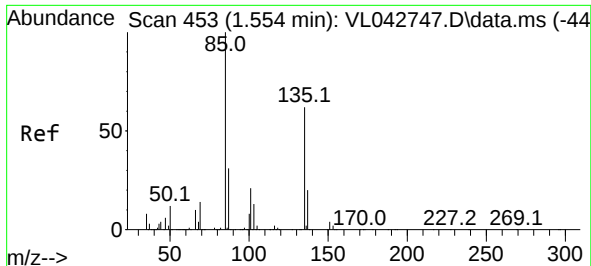
Tgt Ion: 94 Resp: 80
Ion Ratio Lower Upper
94 100
96 10.1 77.6 116.4#



#7
Chloroethane
Concen: 0.026 ppbv
RT: 1.699 min Scan# 498
Delta R.T. -0.003 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 64 Resp: 80
Ion Ratio Lower Upper
64 100
66 40.4 24.1 36.1#

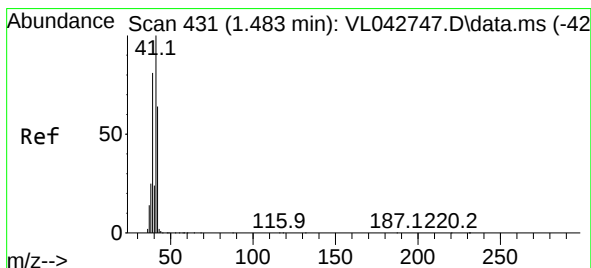
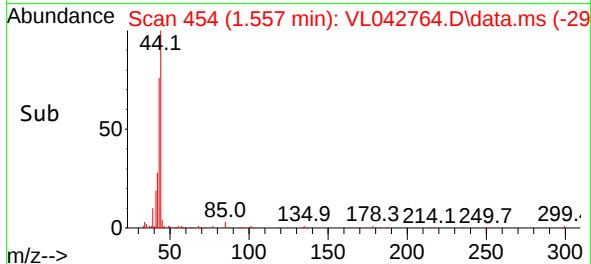
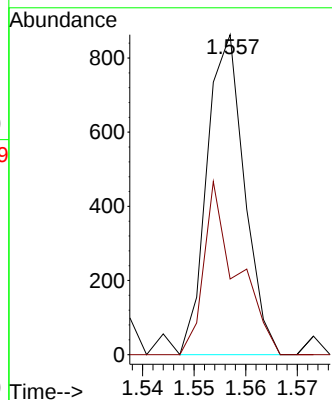
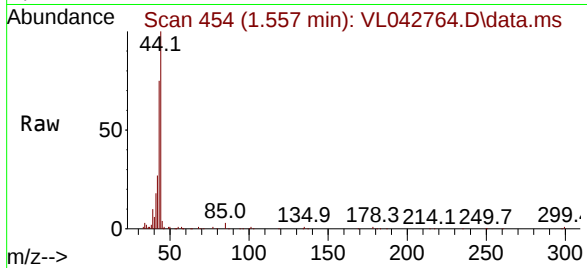




#8
 Dichlorotetrafluoroethane
 Concen: 0.026 ppbv
 RT: 1.557 min Scan# 411
 Delta R.T. 0.003 min
 Lab File: VL042764.D
 Acq: 24 Jul 2025 14:28

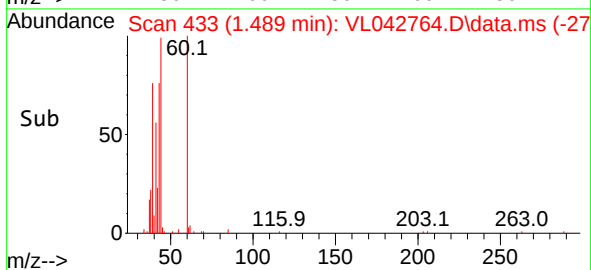
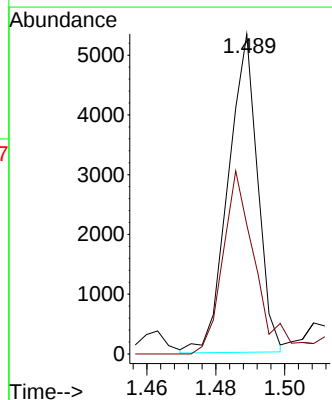
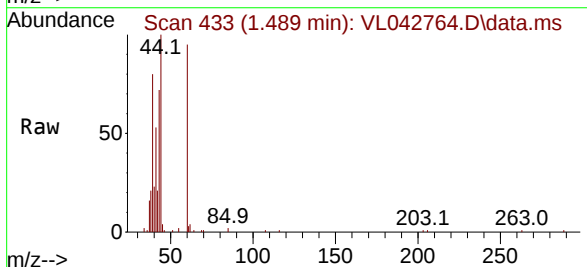
Instrument :
 MSVOA_1
 ClientSampleId :
 118-AAI

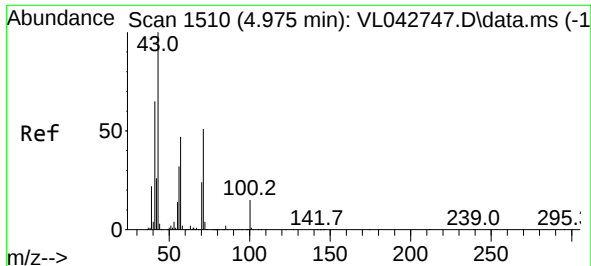
Tgt Ion: 85 Resp: 435
 Ion Ratio Lower Upper
 85 100
 135 48.0 50.6 76.0#



#9
 Propene
 Concen: 0.330 ppbv
 RT: 1.489 min Scan# 433
 Delta R.T. 0.006 min
 Lab File: VL042764.D
 Acq: 24 Jul 2025 14:28

Tgt Ion: 41 Resp: 3163
 Ion Ratio Lower Upper
 41 100
 42 68.0 53.2 79.8

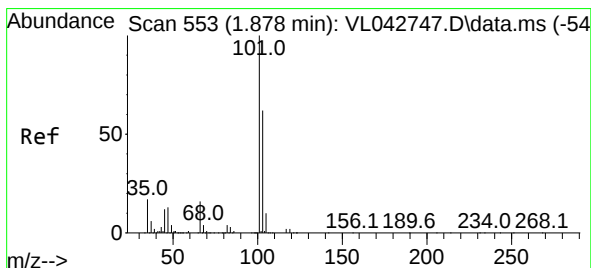
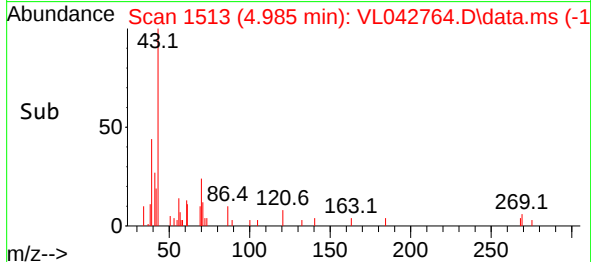
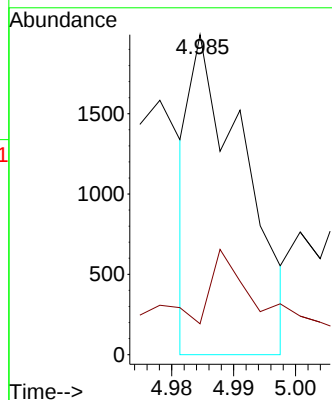
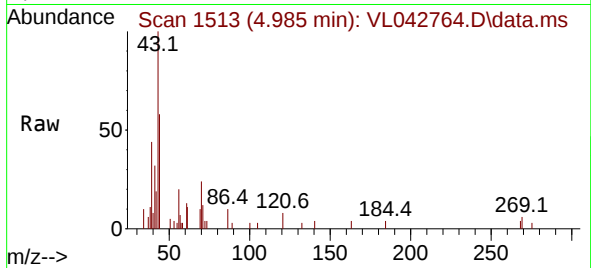




#10
Heptane
Concen: 0.046 ppbv
RT: 4.985 min Scan# 111
Delta R.T. 0.010 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

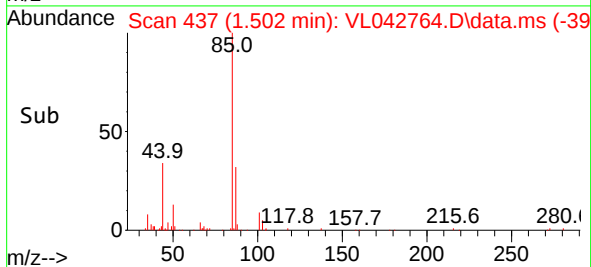
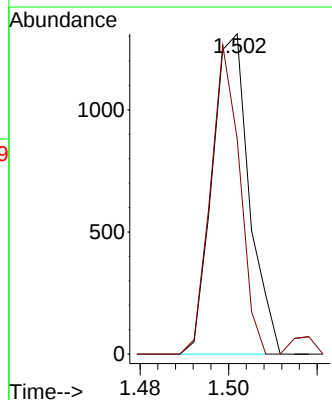
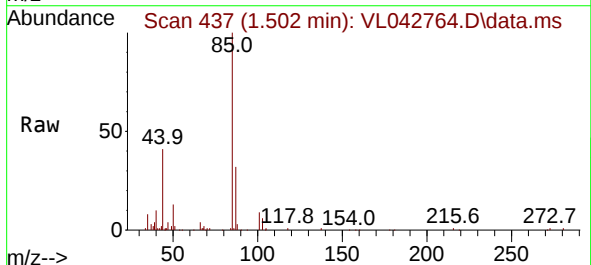
Instrument :
MSVOA_L
ClientSampleId :
118-AAI

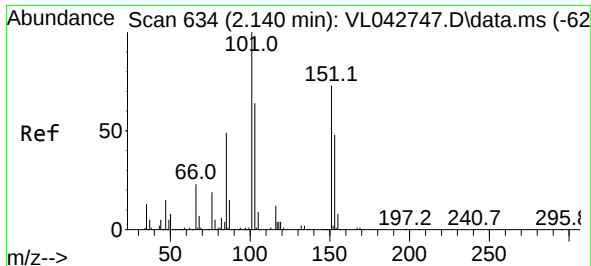
Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
57 68.6 39.9 59.9#



#11
Trichlorofluoromethane
Concen: 0.036 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.376 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 101 Resp: 761
Ion Ratio Lower Upper
101 100
103 67.3 49.6 74.4

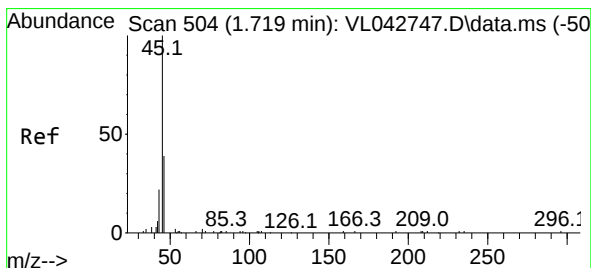
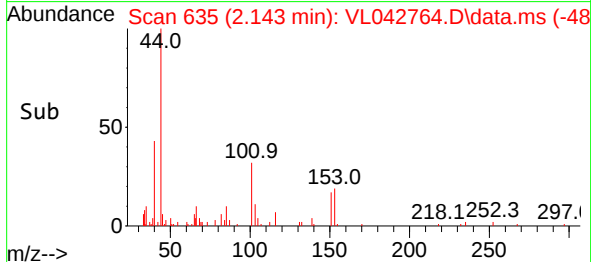
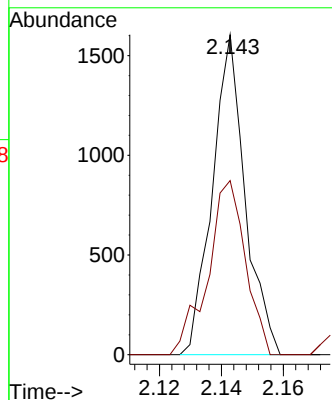
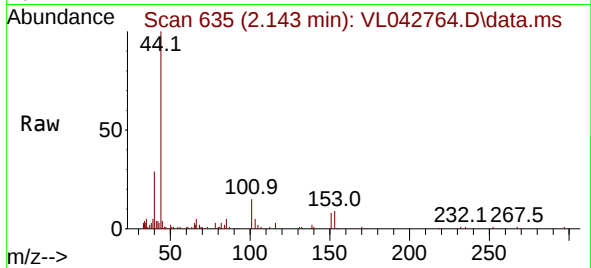




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.074 ppbv
RT: 2.143 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

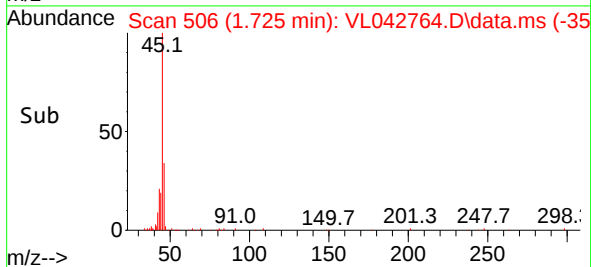
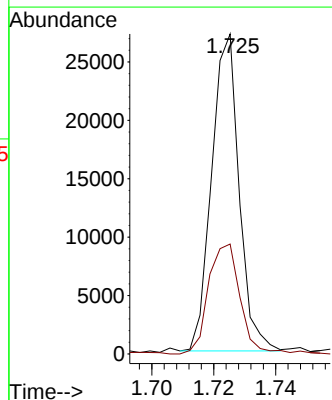
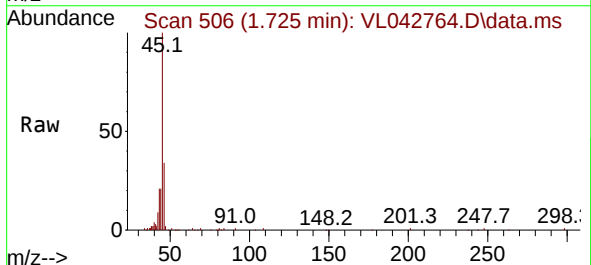
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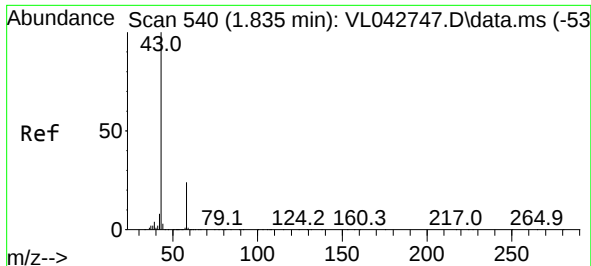
Tgt Ion:101 Resp: 1178
Ion Ratio Lower Upper
101 100
151 62.3 60.5 90.7



#13
Ethanol
Concen: 22.753 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 45 Resp: 16700
Ion Ratio Lower Upper
45 100
46 0.0 17.8 71.4#





#15

Acetone

Concen: 4.944 ppbv

RT: 1.839 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042764.D

Acq: 24 Jul 2025 14:28

Instrument :

MSVOA_L

ClientSampleId :

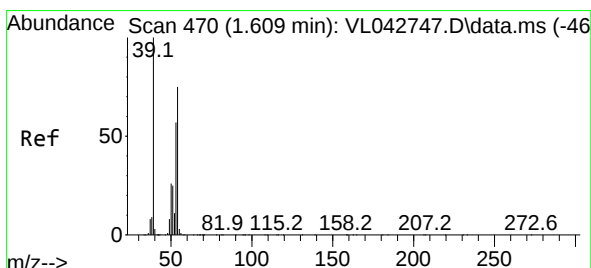
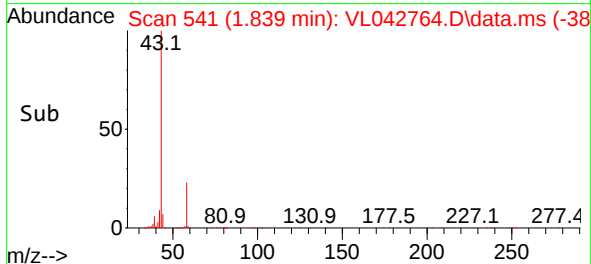
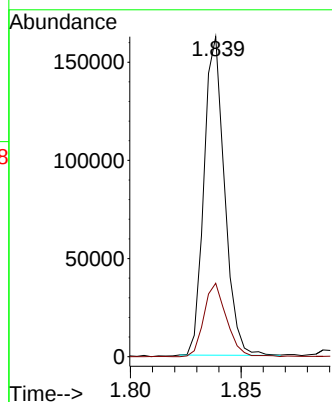
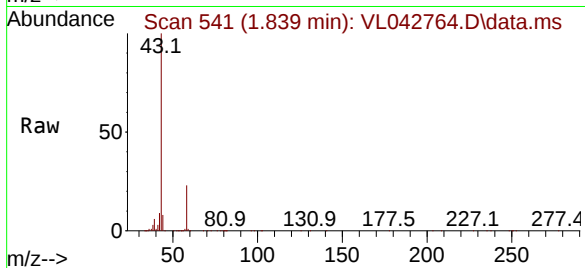
118-AAI

Tgt Ion: 43 Resp: 104631

Ion Ratio Lower Upper

43 100

58 25.9 19.8 29.8



#16

1,3-Butadiene

Concen: 0.057 ppbv

RT: 1.605 min Scan# 469

Delta R.T. -0.003 min

Lab File: VL042764.D

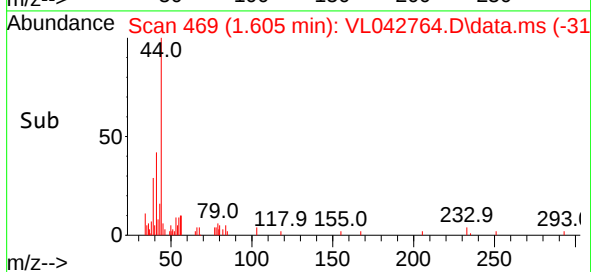
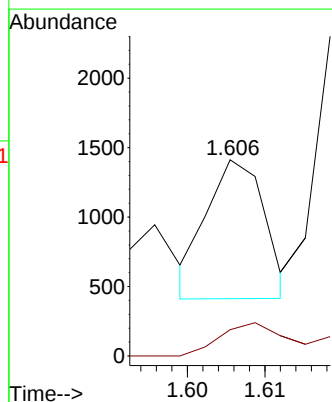
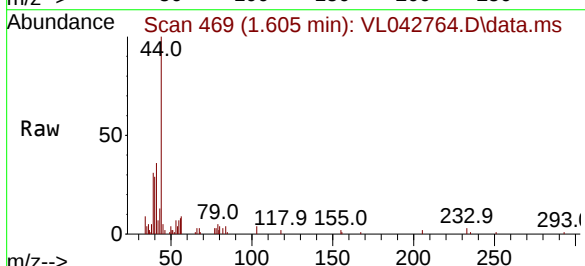
Acq: 24 Jul 2025 14:28

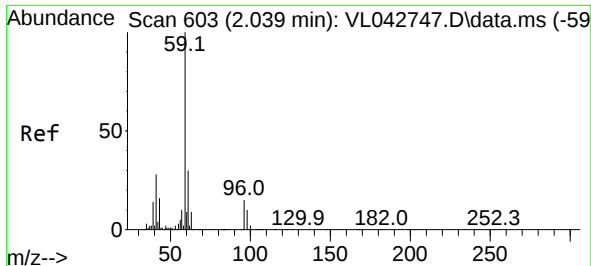
Tgt Ion: 39 Resp: 516

Ion Ratio Lower Upper

39 100

54 0.0 54.5 81.7#

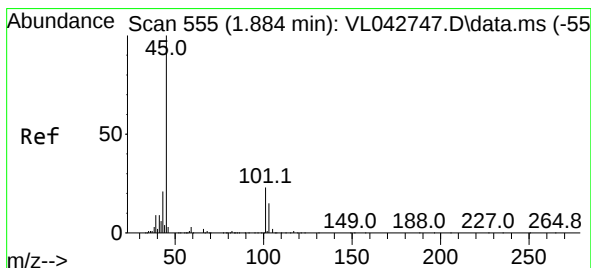
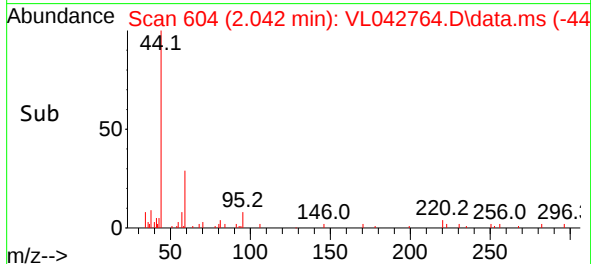
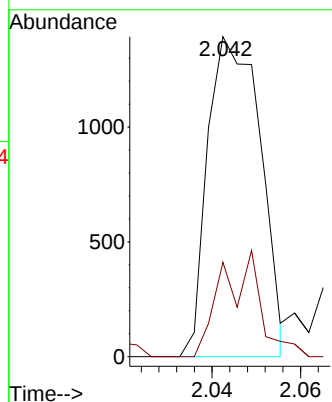
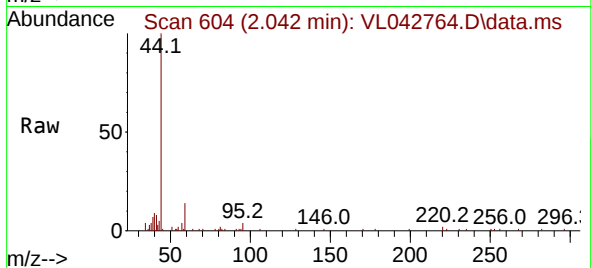




#17
tert-Butyl alcohol
Concen: 0.060 ppbv
RT: 2.042 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

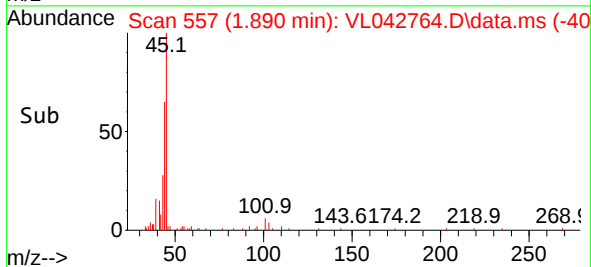
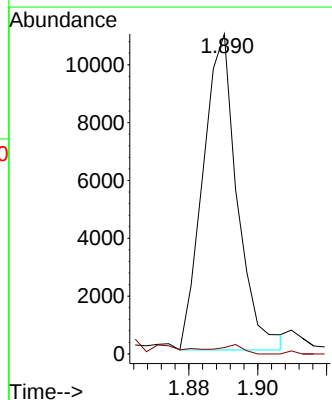
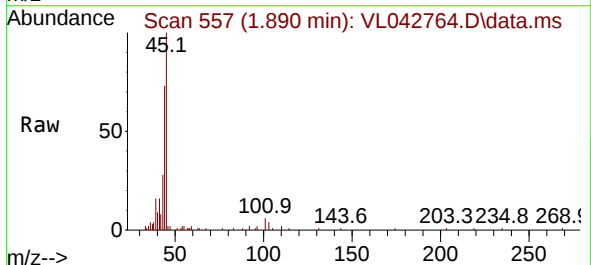
Instrument :
MSVOA_L
ClientSampleId :
118-AAI

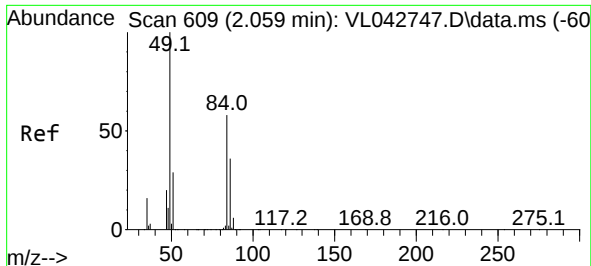
Tgt Ion: 59 Resp: 1153
Ion Ratio Lower Upper
59 100
57 30.4 8.3 12.5#



#19
Isopropyl Alcohol
Concen: 0.672 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 45 Resp: 7555
Ion Ratio Lower Upper
45 100
58 357.7 30.0 45.0#



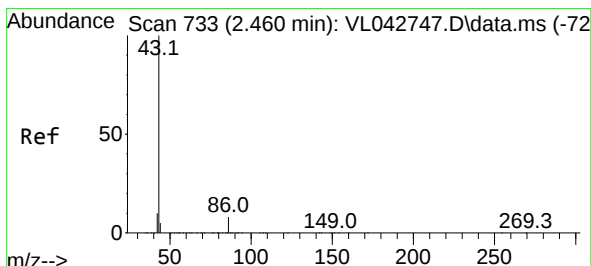
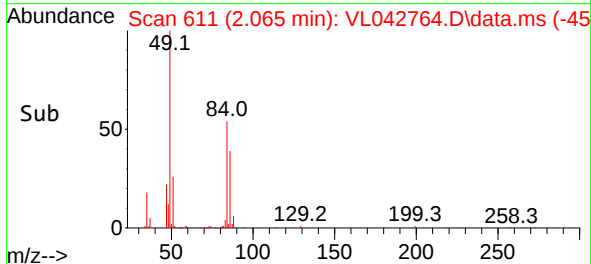
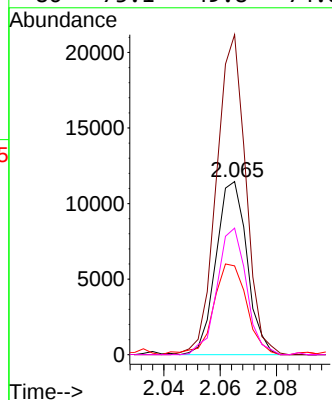
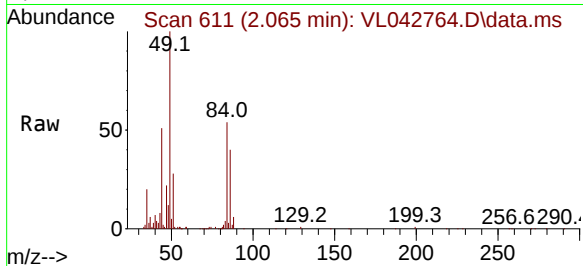


#20
Methylene Chloride
Concen: 1.313 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Instrument :
MSVOA_L
ClientSampleId :
118-AAI

Tgt Ion: 84 Resp: 8754

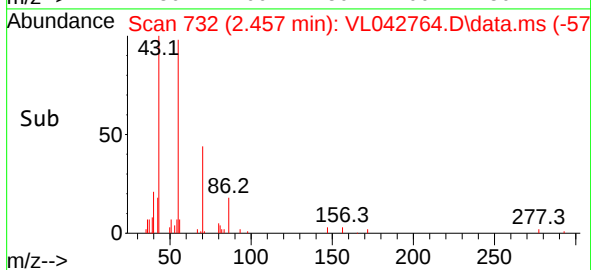
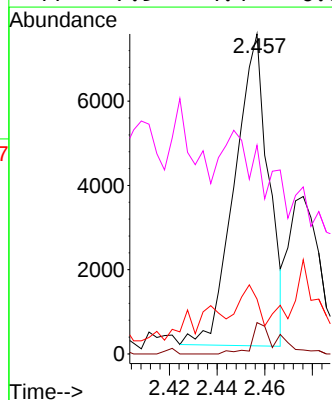
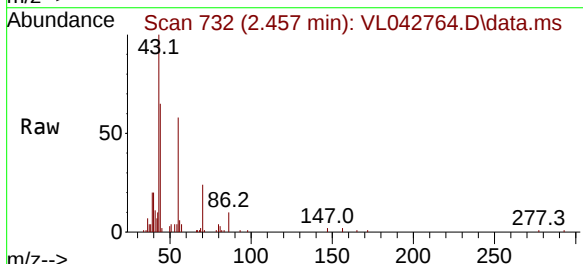
Ion	Ratio	Lower	Upper
84	100		
49	184.0	138.6	208.0
51	51.4	40.6	61.0
86	73.1	49.8	74.8

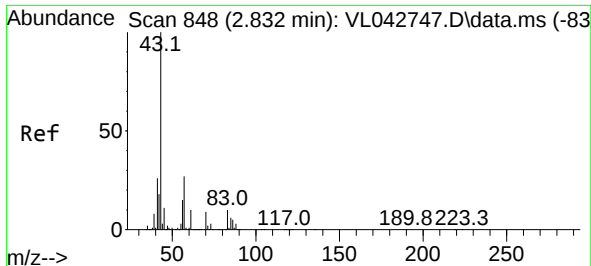


#23
Vinyl Acetate
Concen: 0.286 ppbv
RT: 2.457 min Scan# 732
Delta R.T. -0.003 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 43 Resp: 7329

Ion	Ratio	Lower	Upper
43	100		
86	10.1	6.1	9.1#
42	7.5	7.8	11.8#
44	7.9	4.4	6.6#





#25

Ethyl Acetate

Concen: 2.413 ppbv

RT: 2.829 min Scan# 847

Delta R.T. -0.003 min

Lab File: VL042764.D

Acq: 24 Jul 2025 14:28

Instrument :

MSVOA_L

ClientSampleId :

118-AAI

Tgt Ion: 43 Resp: 113028

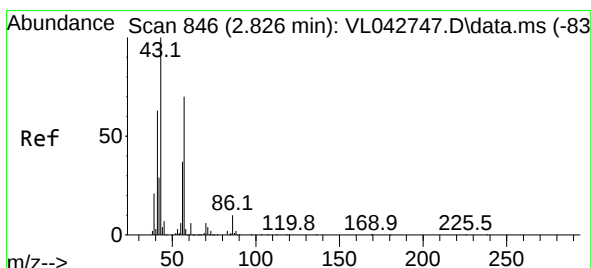
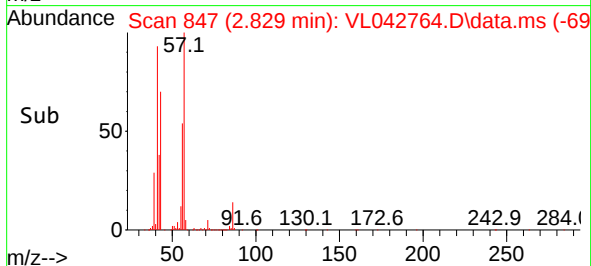
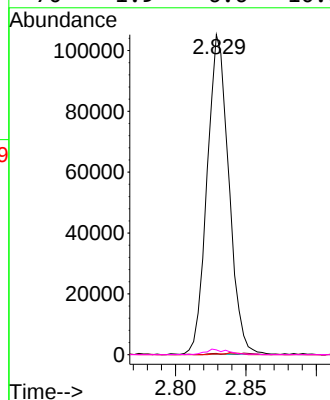
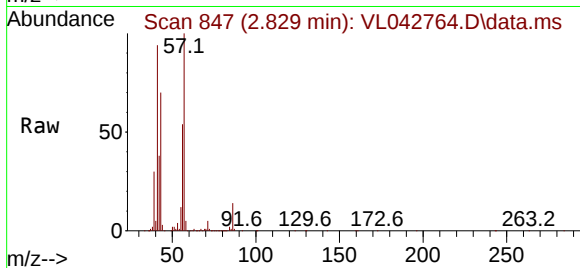
Ion Ratio Lower Upper

43 100

45 0.7 7.8 11.6#

61 0.5 6.7 10.1#

70 1.9 6.6 10.0#



#26

Hexane

Concen: 7.636 ppbv

RT: 2.829 min Scan# 847

Delta R.T. 0.003 min

Lab File: VL042764.D

Acq: 24 Jul 2025 14:28

Tgt Ion: 57 Resp: 156916

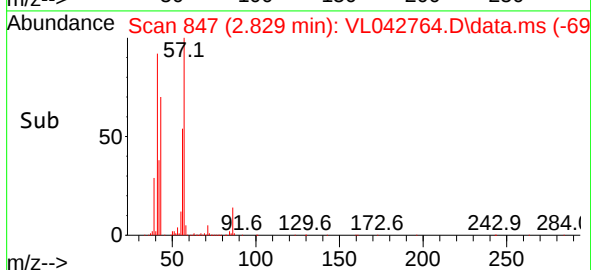
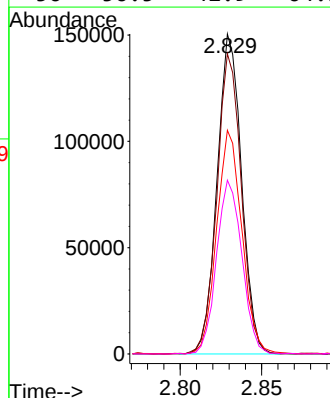
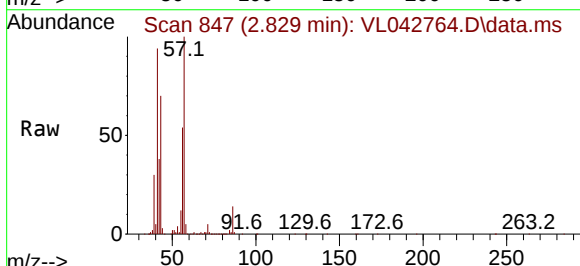
Ion Ratio Lower Upper

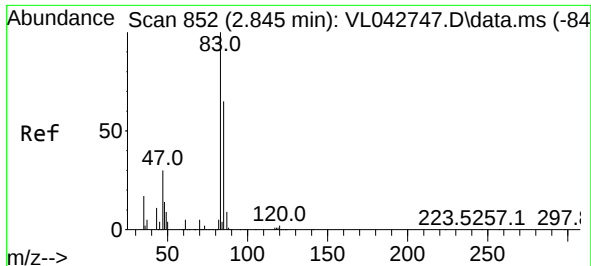
57 100

41 94.8 75.4 113.2

43 72.7 185.0 277.6#

56 56.5 42.9 64.3





#29

Chloroform

Concen: 0.037 ppbv

RT: 2.852 min Scan# 8

Delta R.T. 0.006 min

Lab File: VL042764.D

Acq: 24 Jul 2025 14:28

Instrument :

MSVOA_L

ClientSampleId :

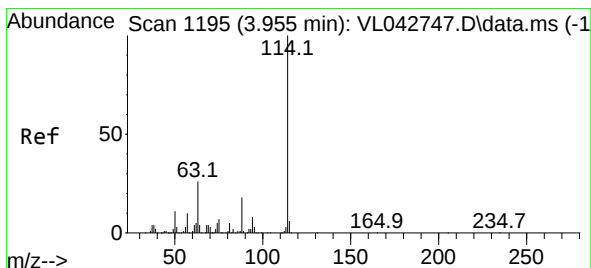
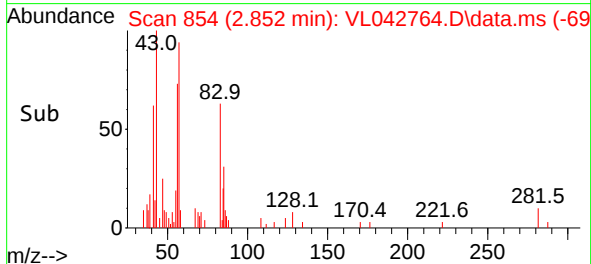
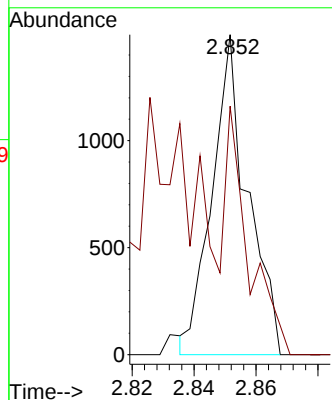
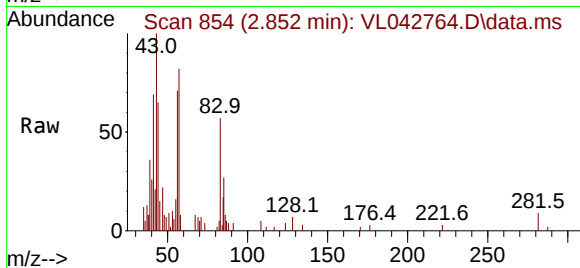
118-AAI

Tgt Ion: 83 Resp: 1188

Ion Ratio Lower Upper

83 100

85 68.6 52.2 78.2



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL042764.D

Acq: 24 Jul 2025 14:28

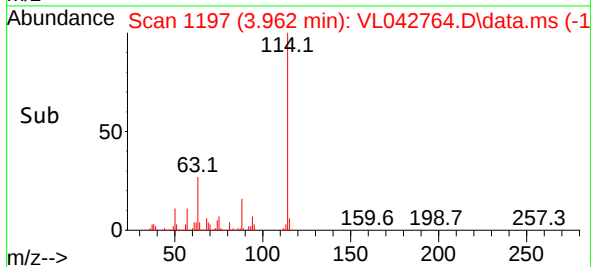
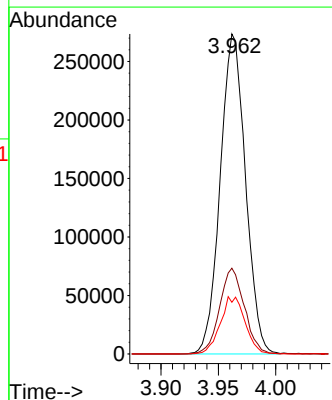
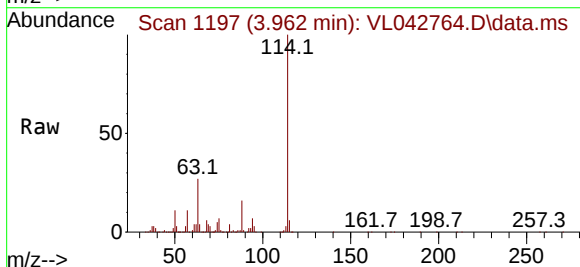
Tgt Ion: 114 Resp: 419258

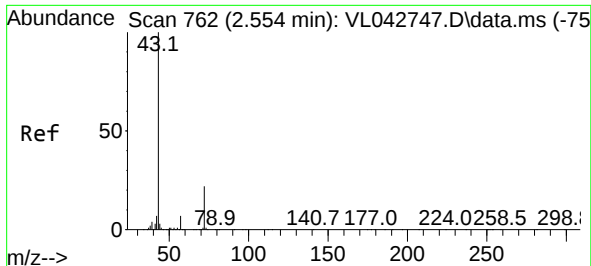
Ion Ratio Lower Upper

114 100

63 26.3 20.5 30.7

88 17.6 14.0 21.0

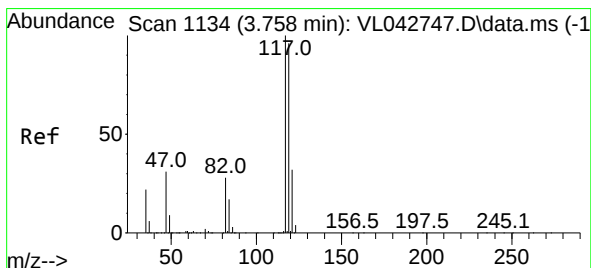
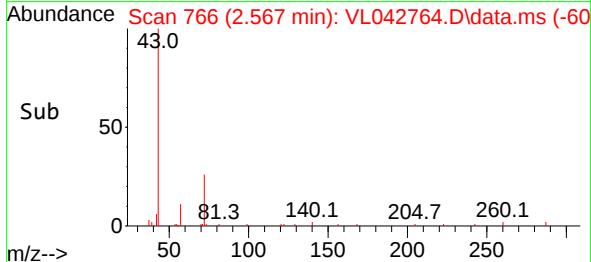
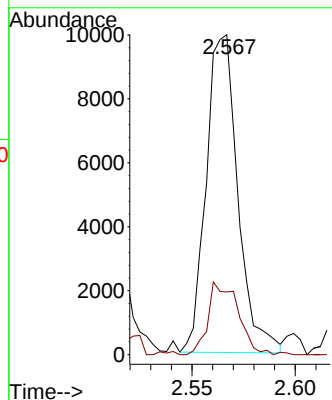
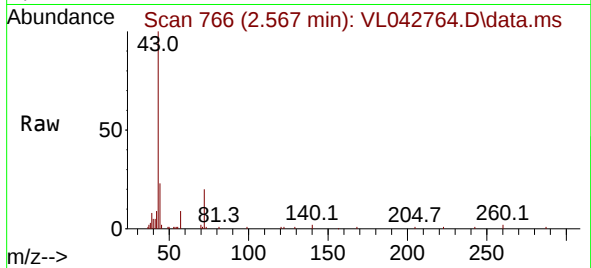




#34
2-Butanone
Concen: 0.357 ppbv
RT: 2.567 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

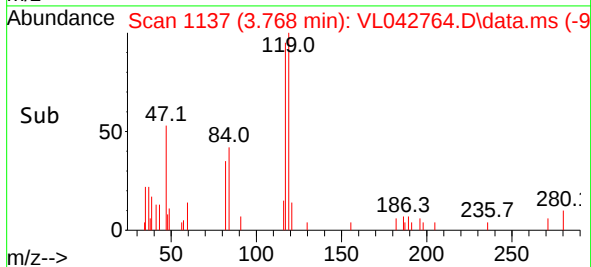
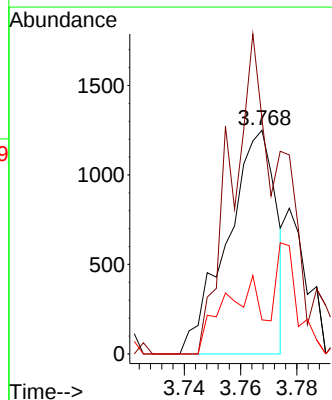
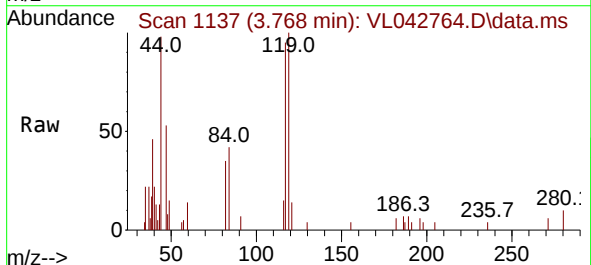
Instrument :
MSVOA_L
ClientSampleId :
118-AAI

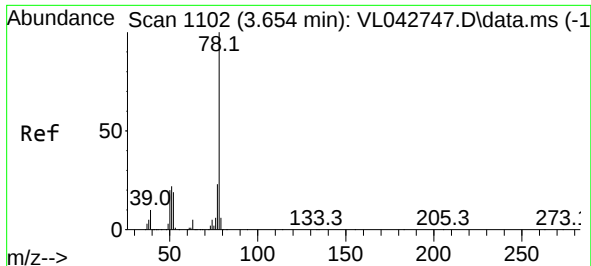
Tgt Ion: 43 Resp: 10608
Ion Ratio Lower Upper
43 100
72 21.8 17.4 26.0



#35
Carbon Tetrachloride
Concen: 0.048 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. 0.010 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 117 Resp: 1498
Ion Ratio Lower Upper
117 100
119 105.0 77.1 115.7
121 15.2 25.5 38.3#

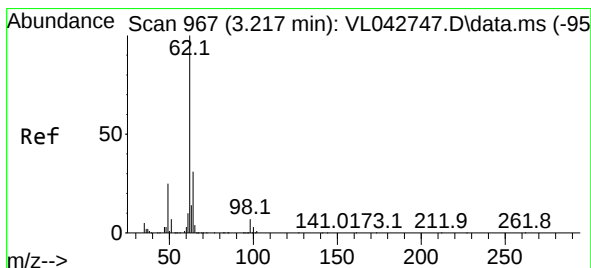
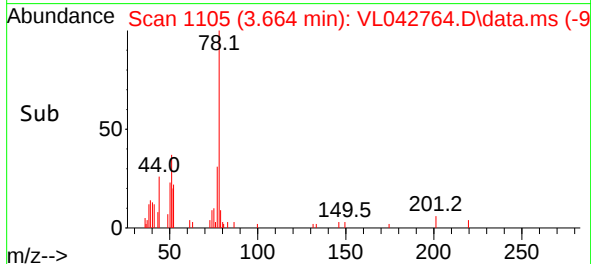
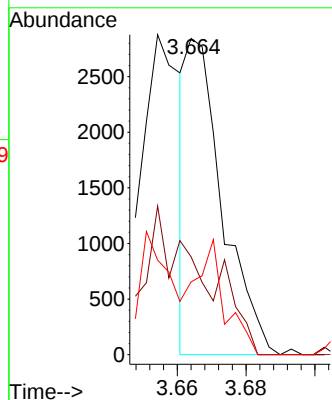
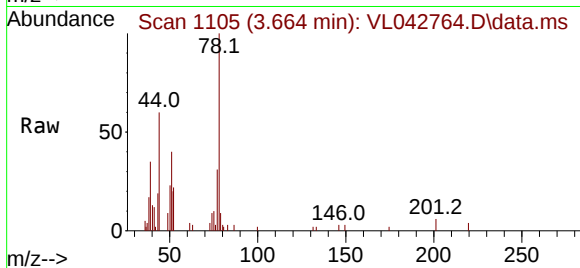




#36
Benzene
Concen: 0.052 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

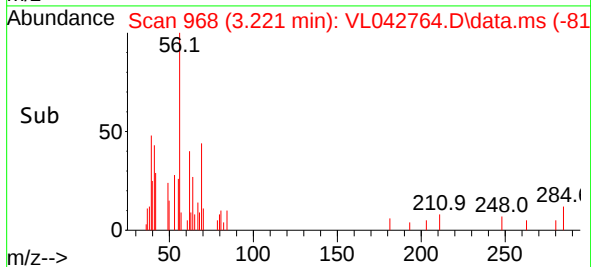
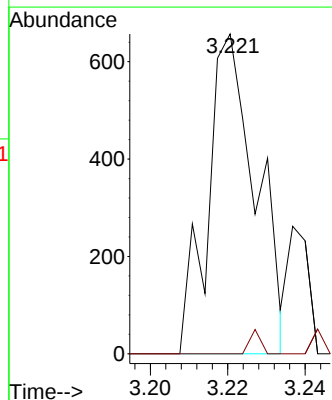
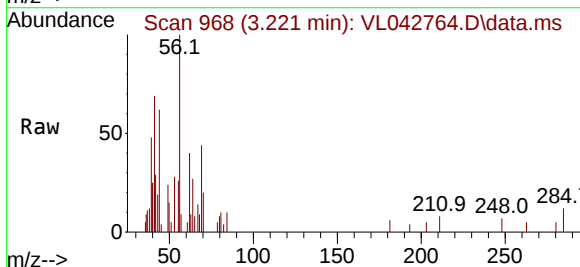
Instrument :
MSVOA_L
ClientSampleId :
118-AAI

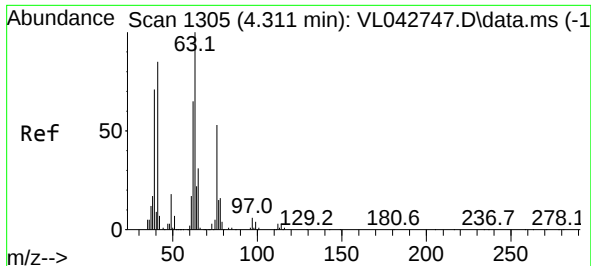
Tgt Ion: 78 Resp: 2050
Ion Ratio Lower Upper
78 100
77 31.0 18.5 27.7#
50 23.0 16.2 24.2



#37
1,2-Dichloroethane
Concen: 0.024 ppbv
RT: 3.221 min Scan# 968
Delta R.T. 0.003 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 62 Resp: 567
Ion Ratio Lower Upper
62 100
98 0.0 5.2 7.8#





#39

1,2-Dichloropropane

Concen: 7.489 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.350 min

Lab File: VL042764.D

Acq: 24 Jul 2025 14:28

Instrument :

MSVOA_L

ClientSampleId :

118-AAI

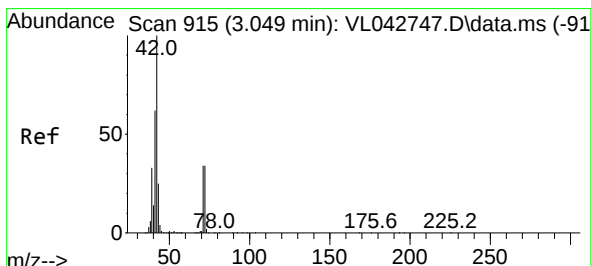
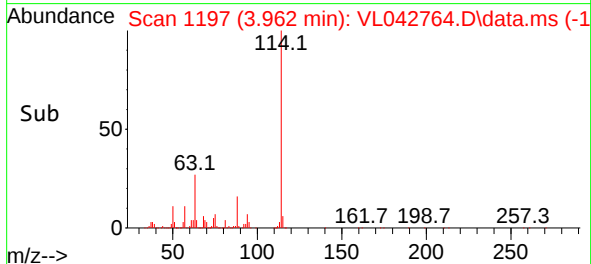
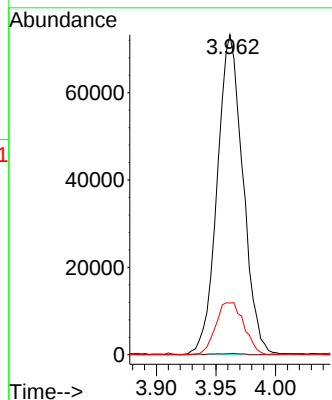
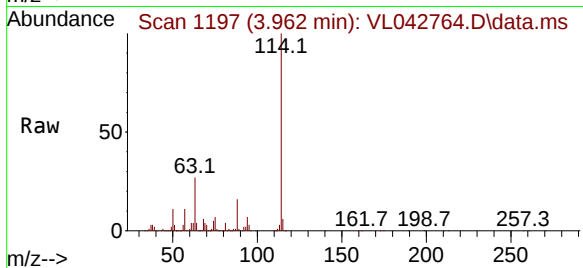
Tgt Ion: 63 Resp: 109848

Ion Ratio Lower Upper

63 100

41 0.3 68.2 102.4#

62 16.2 52.0 78.0#



#41

Tetrahydrofuran

Concen: 0.098 ppbv

RT: 3.234 min Scan# 972

Delta R.T. 0.184 min

Lab File: VL042764.D

Acq: 24 Jul 2025 14:28

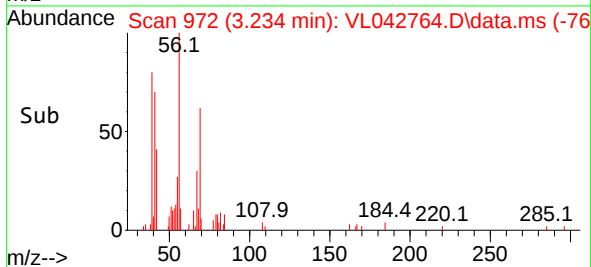
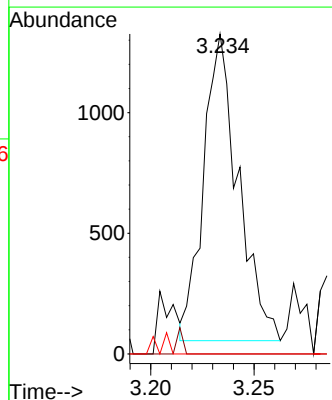
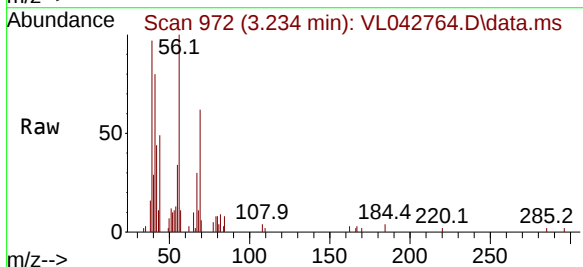
Tgt Ion: 42 Resp: 1480

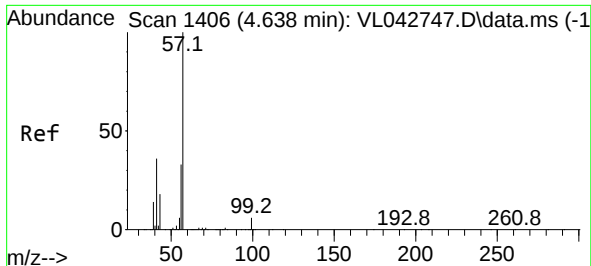
Ion Ratio Lower Upper

42 100

72 19.7 30.9 46.3#

71 0.0 28.6 43.0#

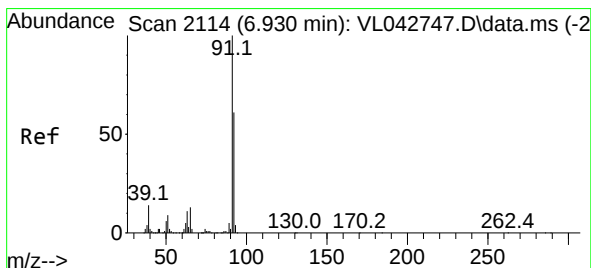
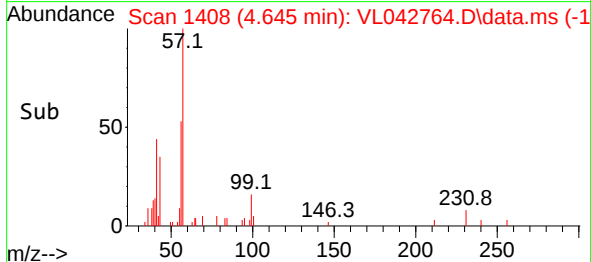
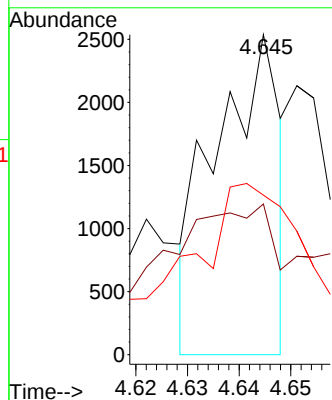
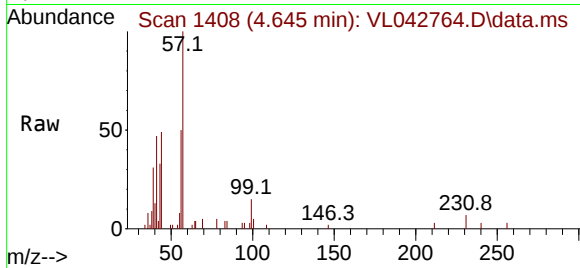




#44
2,2,4-Trimethylpentane
Concen: 0.034 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.006 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

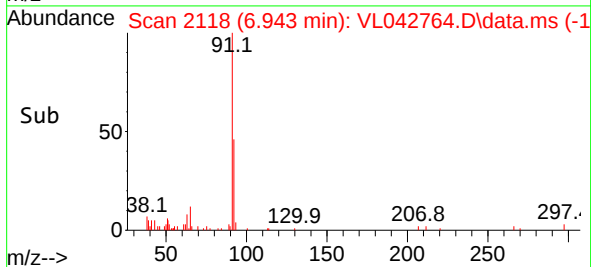
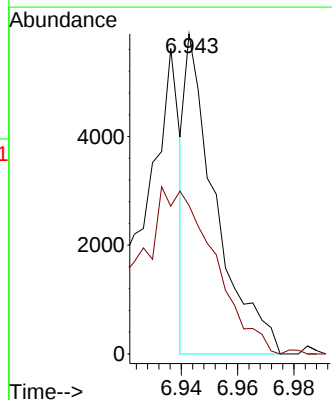
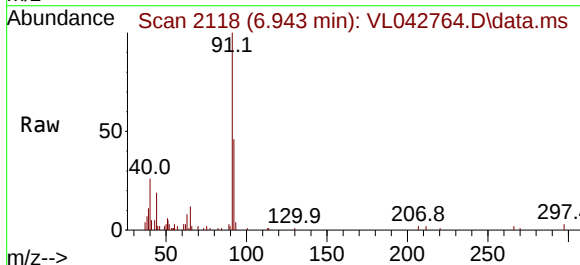
Instrument :
MSVOA_L
ClientSampleId :
118-AAI

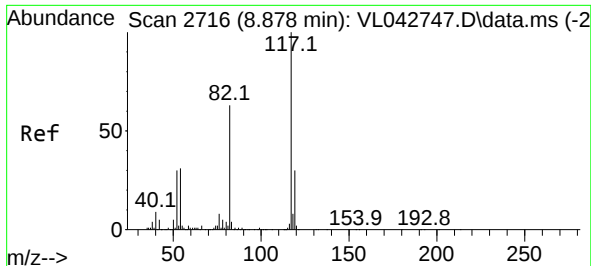
Tgt Ion: 57 Resp: 2203
Ion Ratio Lower Upper
57 100
41 135.1 28.3 42.5#
56 133.5 25.8 38.6#



#53
Toluene
Concen: 0.103 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. 0.013 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 91 Resp: 4402
Ion Ratio Lower Upper
91 100
92 0.0 48.0 72.0#

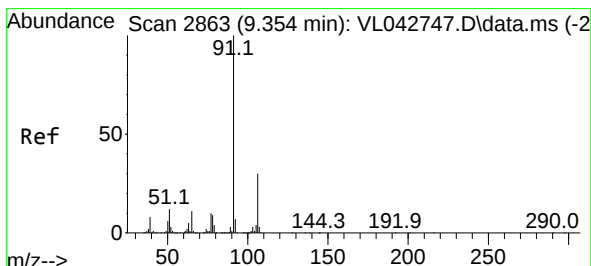
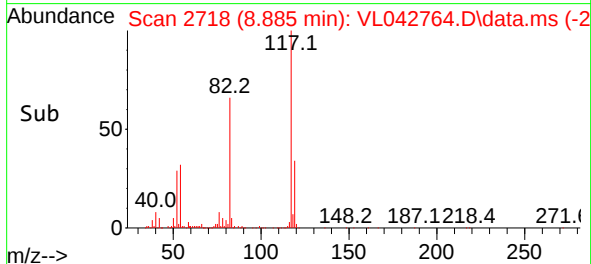
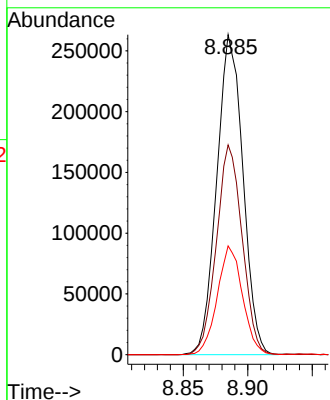
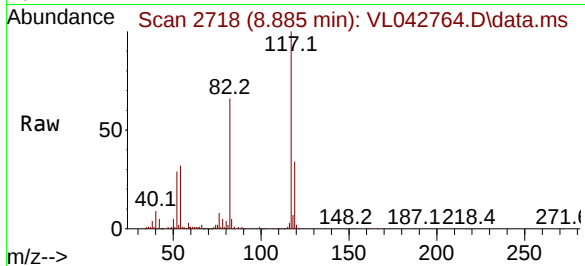




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2118
Delta R.T. 0.006 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

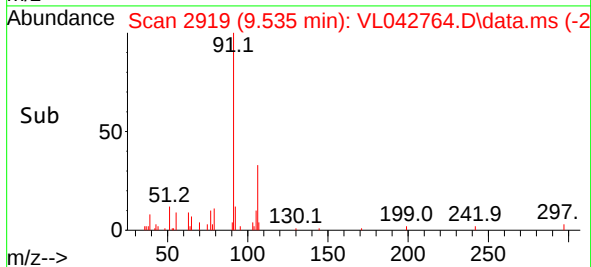
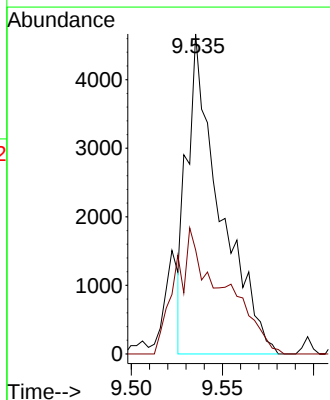
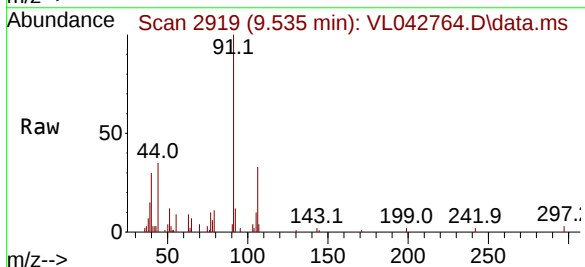
Instrument :
MSVOA_L
ClientSampleId :
118-AAI

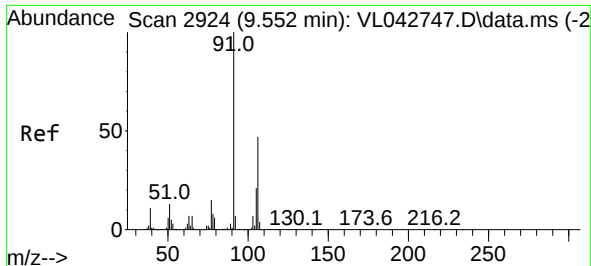
Tgt Ion:117 Resp: 371493
Ion Ratio Lower Upper
117 100
82 64.5 53.3 79.9
119 33.0 25.8 38.6



#58
Ethyl Benzene
Concen: 0.101 ppbv
RT: 9.535 min Scan# 2919
Delta R.T. 0.181 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 91 Resp: 5900
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.6





#59

m/p-Xylene

Concen: 0.126 ppbv

RT: 9.535 min Scan# 2919

Delta R.T. -0.016 min

Lab File: VL042764.D

Acq: 24 Jul 2025 14:28

Instrument :

MSVOA_L

ClientSampleId :

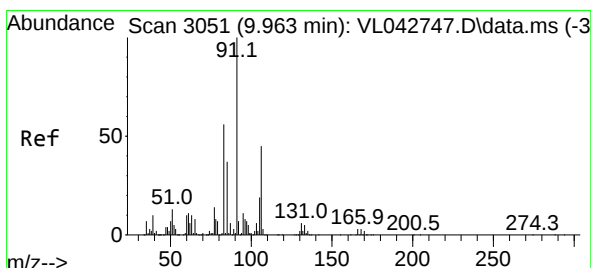
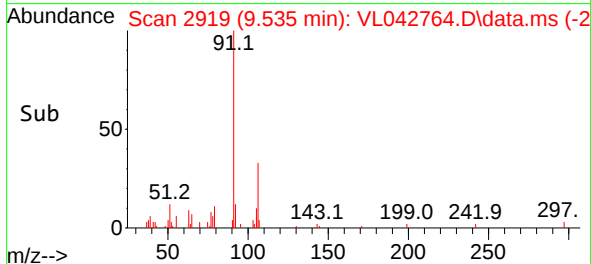
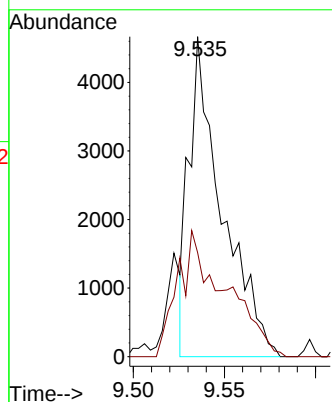
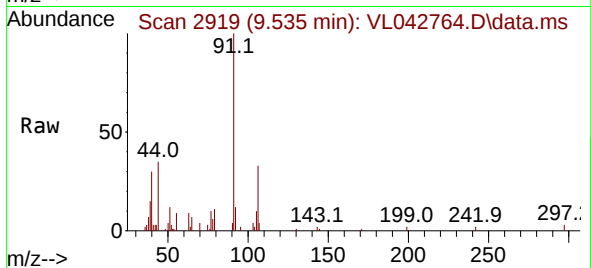
118-AAI

Tgt Ion: 91 Resp: 5900

Ion Ratio Lower Upper

91 100

106 56.4 37.4 56.2#



#60

o-Xylene

Concen: 0.059 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VL042764.D

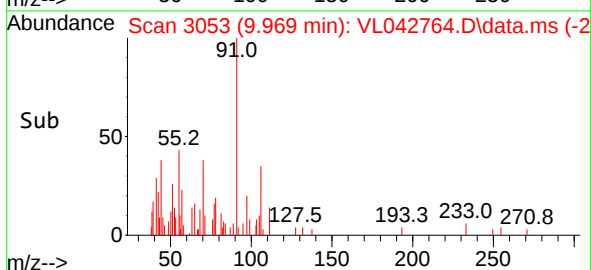
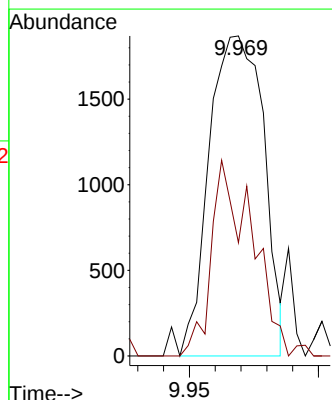
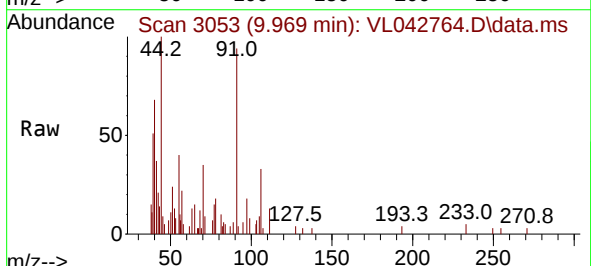
Acq: 24 Jul 2025 14:28

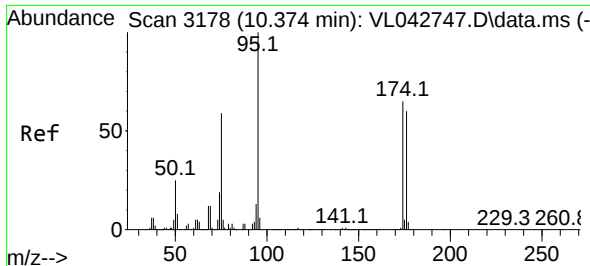
Tgt Ion: 91 Resp: 2742

Ion Ratio Lower Upper

91 100

106 46.9 22.0 66.0

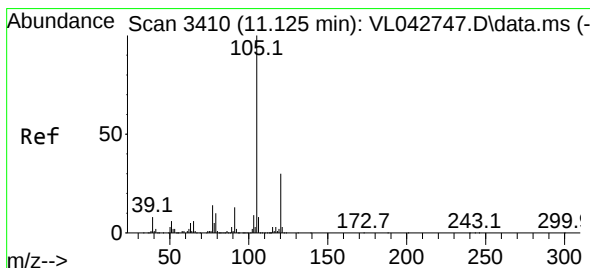
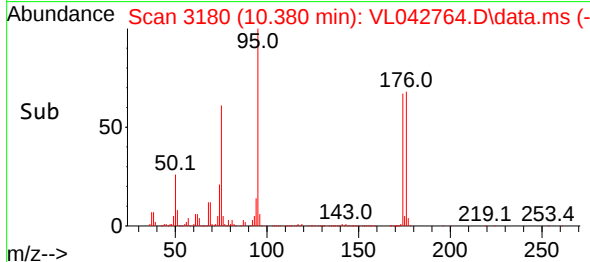
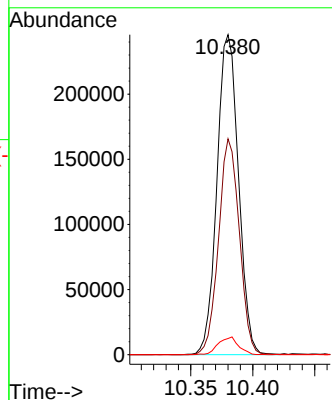
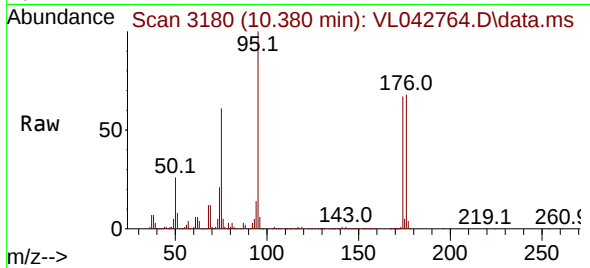




#68
1-Bromo-4-Fluorobenzene
Concen: 10.111 ppbv
RT: 10.380 min Scan# 3178
Delta R.T. 0.006 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

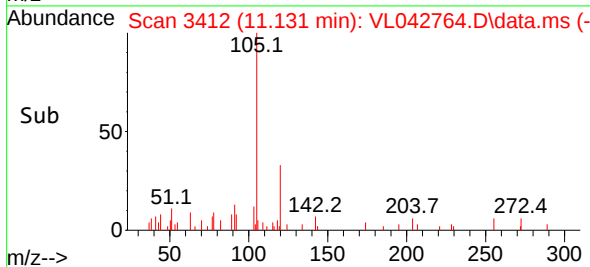
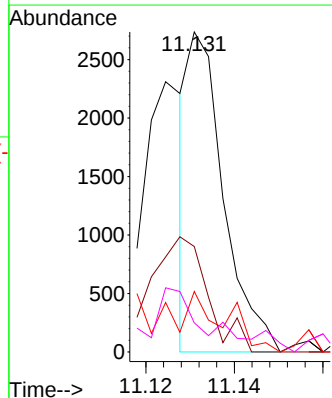
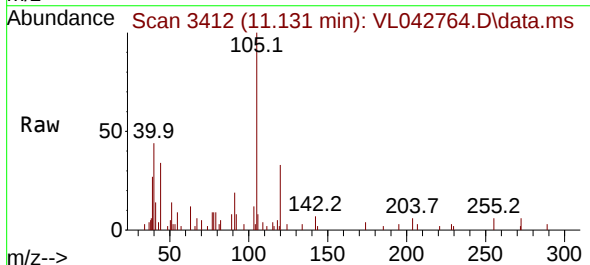
Instrument :
MSVOA_L
ClientSampleId :
118-AAI

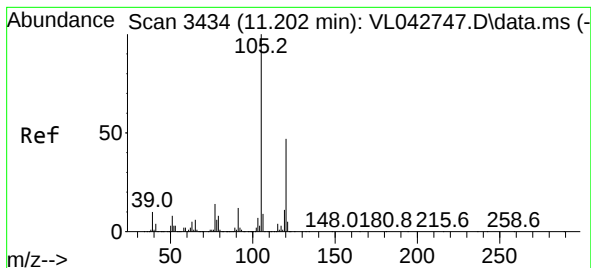
Tgt Ion: 95 Resp: 297462
Ion Ratio Lower Upper
95 100
174 65.4 53.8 80.6
175 5.2 4.0 6.0



#72
4-Ethyltoluene
Concen: 0.027 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion: 105 Resp: 1516
Ion Ratio Lower Upper
105 100
120 0.0 24.4 36.6#
91 0.0 10.6 15.8#
77 0.0 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.045 ppbv

RT: 11.205 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL042764.D

Acq: 24 Jul 2025 14:28

Instrument :

MSVOA_L

ClientSampleId :

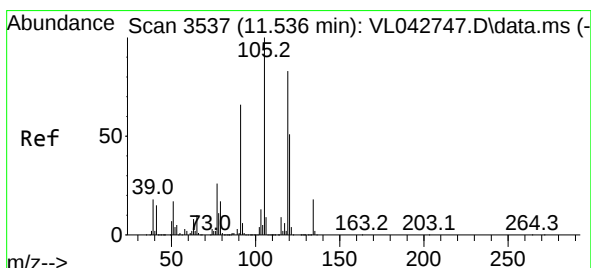
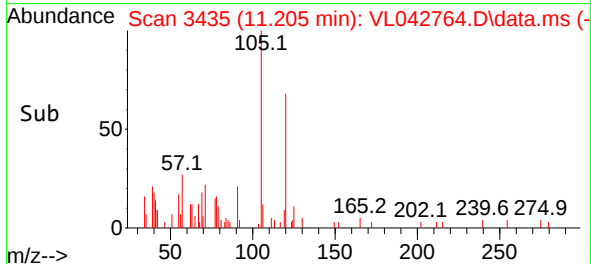
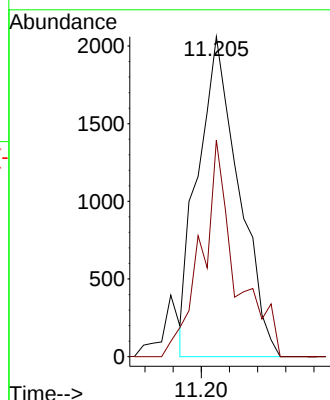
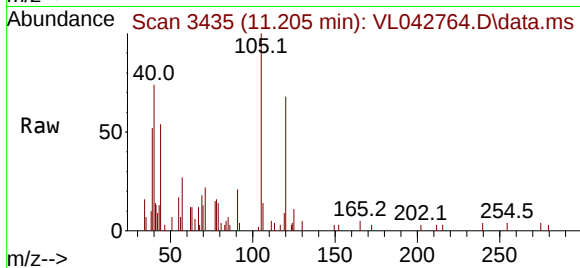
118-AAI

Tgt Ion:105 Resp: 2080

Ion Ratio Lower Upper

105 100

120 67.7 37.8 56.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.163 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VL042764.D

Acq: 24 Jul 2025 14:28

Tgt Ion:105 Resp: 8207

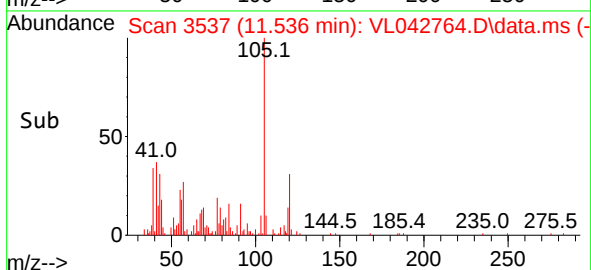
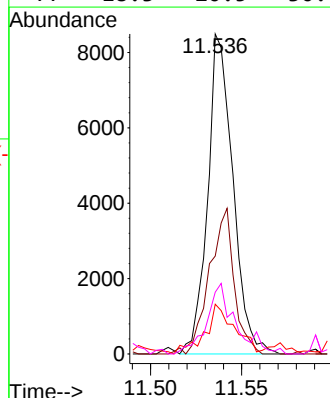
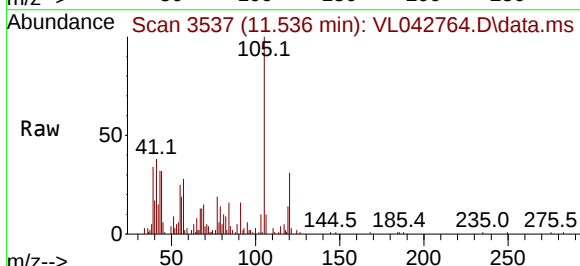
Ion Ratio Lower Upper

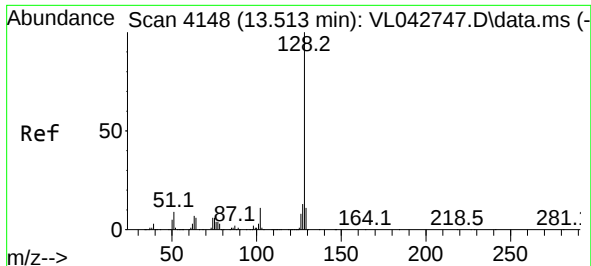
105 100

120 30.6 40.8 61.2#

91 12.8 53.0 79.4#

77 18.3 20.5 30.7#

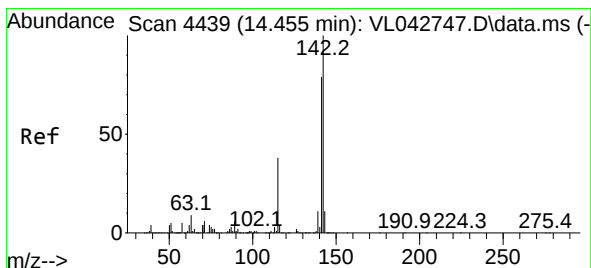
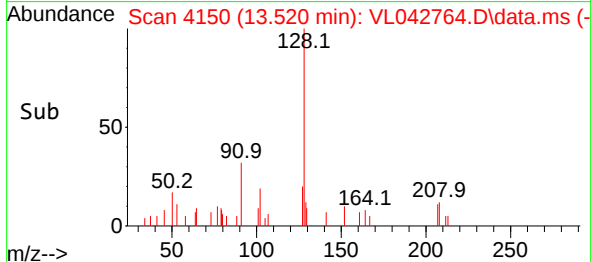
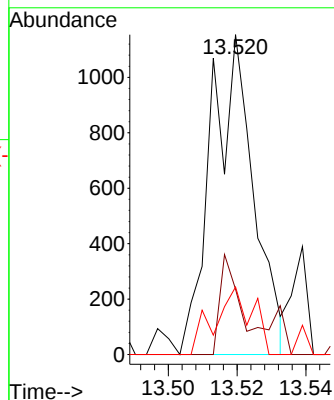
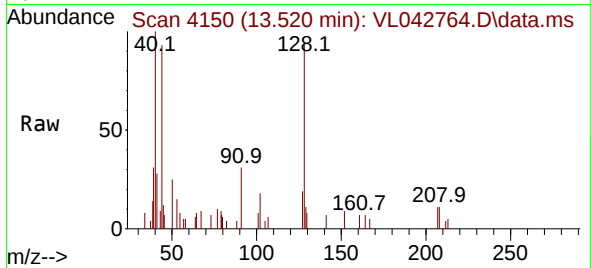




#79
Naphthalene
Concen: 0.452 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.006 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

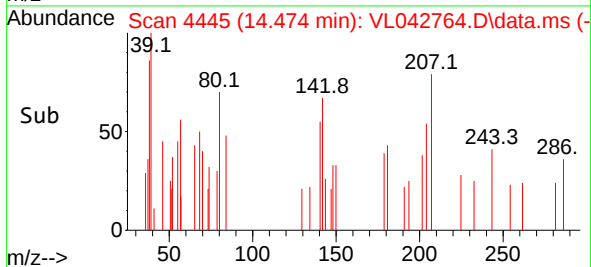
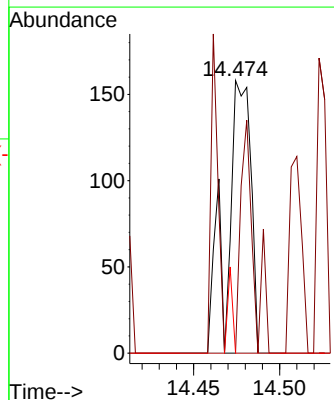
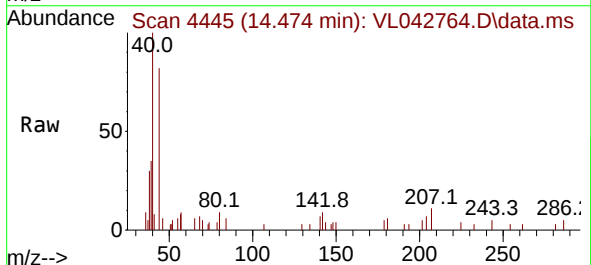
Instrument :
MSVOA_L
ClientSampleId :
118-AAI

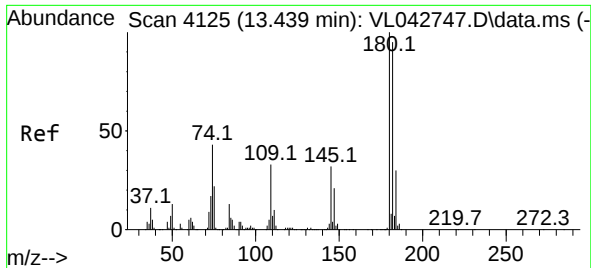
Tgt Ion:128 Resp: 988
Ion Ratio Lower Upper
128 100
127 20.5 10.5 15.7#
129 21.1 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 1.133 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.019 min
Lab File: VL042764.D
Acq: 24 Jul 2025 14:28

Tgt Ion:142 Resp: 151
Ion Ratio Lower Upper
142 100
141 81.5 65.8 98.8
115 6.6 31.2 46.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.436 ppbv

RT: 13.448 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL042764.D

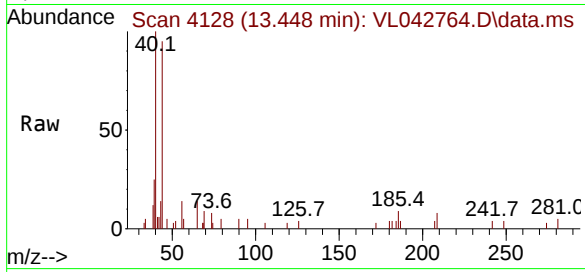
Acq: 24 Jul 2025 14:28

Instrument :

MSVOA_L

ClientSampleId :

118-AAI



Tgt Ion:180 Resp: 25

Ion Ratio Lower Upper

180 100

182 232.0 76.2 114.2#

184 140.0 24.8 37.2#

