

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061925\
 Data File : VL042657.D
 Acq On : 19 Jun 2025 16:17
 Operator : SY/MD
 Sample : Q2369-01 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Jun 20 01:39:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	113122	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.982	114	304237	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.905	117	268498	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	209871	10.427	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%

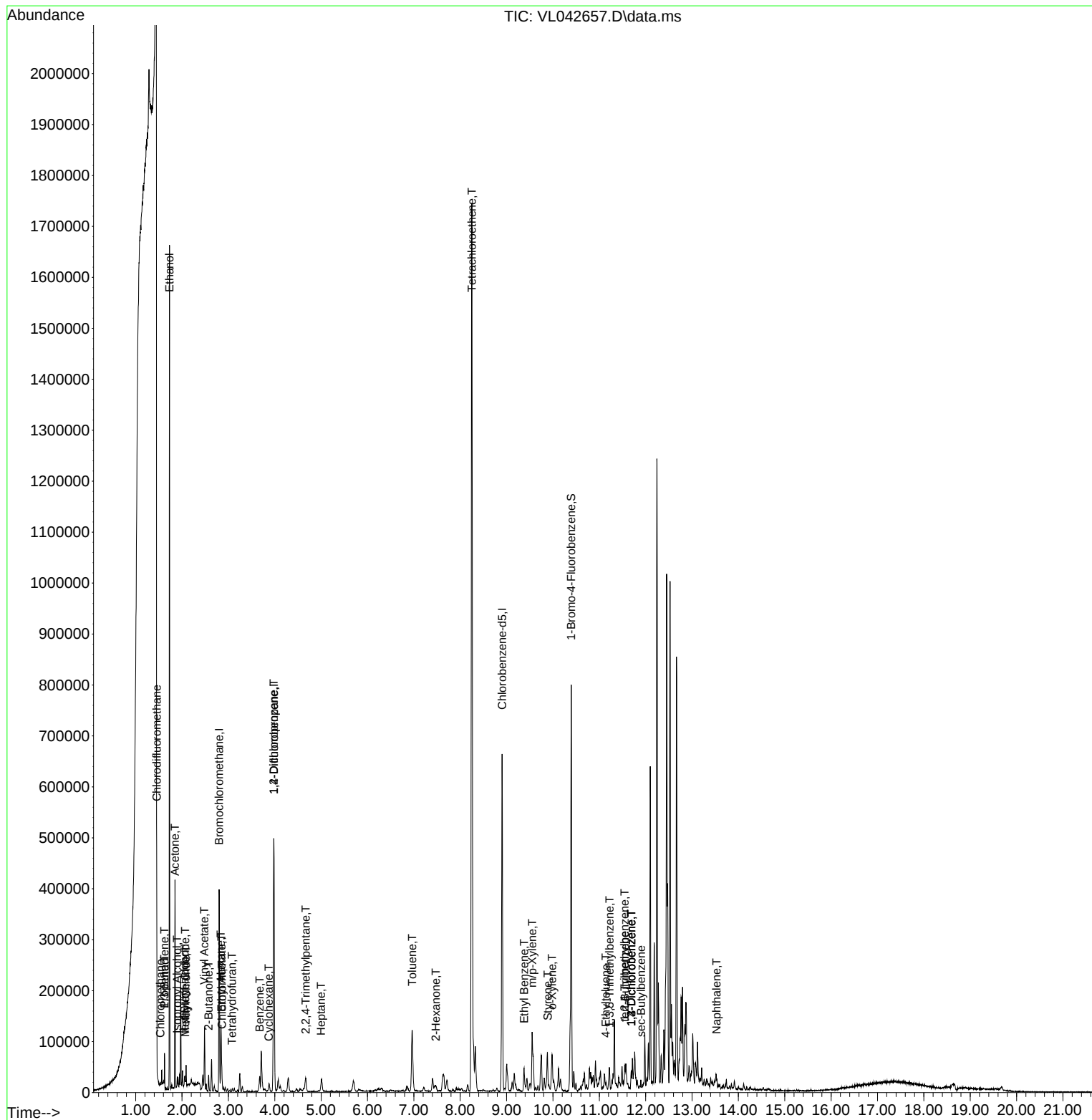
Target Compounds					Qvalue	
3) Chlorodifluoromethane	1.454	51	12372	0.646	ppbv #	62
4) Chloromethane	1.531	50	236	0.043	ppbv #	78
9) Propene	1.622	41	7134	0.925	ppbv	86
10) Heptane	5.001	43	5195	0.239	ppbv #	28
13) Ethanol	1.729	45	539915	587.522	ppbv	97
15) Acetone	1.845	43	110095	8.080	ppbv #	79
16) 1,3-Butadiene	1.622	39	3844	0.596	ppbv #	13
17) tert-Butyl alcohol	2.053	59	2098	0.148	ppbv #	72
19) Isopropyl Alcohol	1.894	45	9070	1.113	ppbv #	1
20) Methylene Chloride	2.069	84	1056	0.235	ppbv #	78
21) Allyl Chloride	2.085	41	3479	0.362	ppbv #	1
23) Vinyl Acetate	2.483	43	36747	1.995	ppbv #	48
25) Ethyl Acetate	2.852	43	23875	0.640	ppbv #	87
26) Hexane	2.839	57	29663	1.751	ppbv #	70
29) Chloroform	2.862	83	3301	0.150	ppbv	97
30) Cyclohexane	3.868	84	1032	0.073	ppbv #	1
34) 2-Butanone	2.574	43	19294	0.889	ppbv	96
36) Benzene	3.674	78	17994	0.601	ppbv #	88
39) 1,2-Dichloropropane	3.978	63	75223	6.790	ppbv #	23
41) Tetrahydrofuran	3.079	42	632	0.050	ppbv #	39
44) 2,2,4-Trimethylpentane	4.668	57	22109	0.431	ppbv #	76
51) 2-Hexanone	7.477	43	3738	0.157	ppbv #	28
52) Tetrachloroethene	8.251	164	319531	28.542	ppbv	97
53) Toluene	6.966	91	82757	2.390	ppbv	99
58) Ethyl Benzene	9.377	91	22932	0.504	ppbv	96
59) m/p-Xylene	9.552	91	72946	2.035	ppbv	95
60) o-Xylene	9.982	91	27460	0.768	ppbv	98
61) Styrene	9.888	104	2285	0.135	ppbv #	77
65) tert-Butylbenzene	11.552	119	2284	0.048	ppbv #	60
67) sec-Butylbenzene	11.898	105	3897	0.058	ppbv #	65
72) 4-Ethyltoluene	11.141	105	3434	0.077	ppbv #	73
73) 1,3,5-Trimethylbenzene	11.222	105	4347	0.118	ppbv	99
74) 1,2,4-Trimethylbenzene	11.549	105	16198	0.396	ppbv #	65
75) 1,3-Dichlorobenzene	11.688	146	8370	0.326	ppbv	88
76) 1,4-Dichlorobenzene	11.688	146	8370	0.326	ppbv	88
77) 1,2-Dichlorobenzene	11.688	146	8370	0.336	ppbv	84
79) Naphthalene	13.526	128	1458	0.038	ppbv #	36

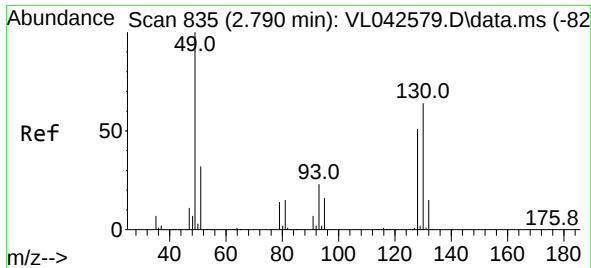
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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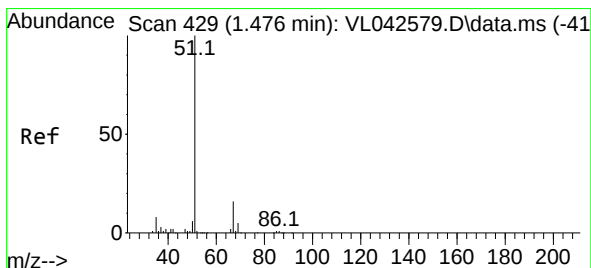
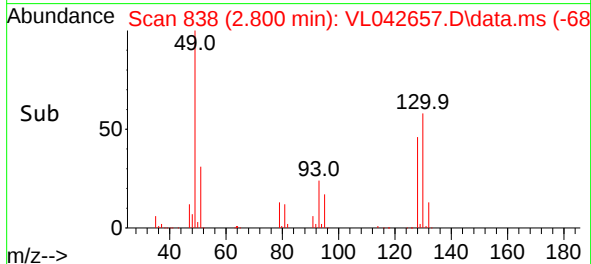
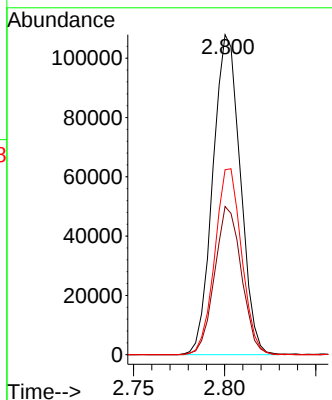
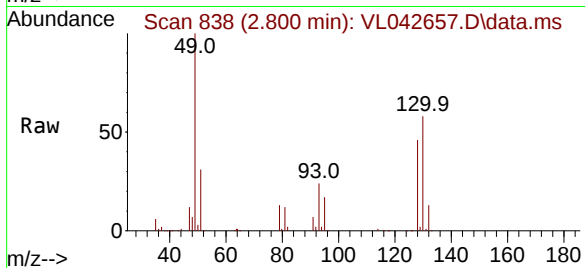




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

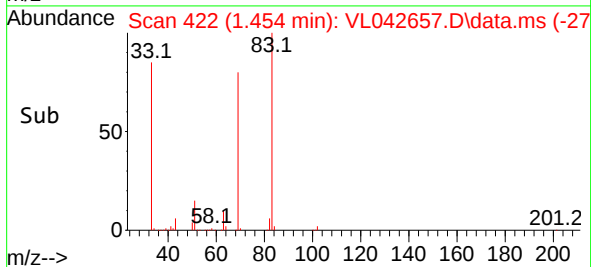
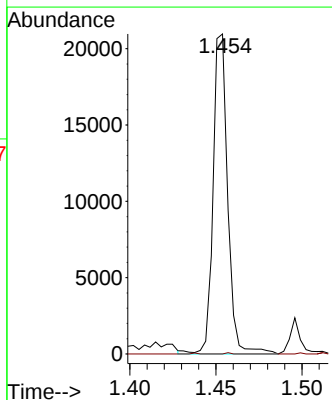
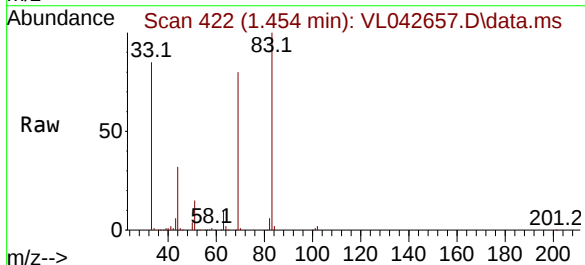
Instrument :
MSVOA_L
ClientSampleId :
SV1

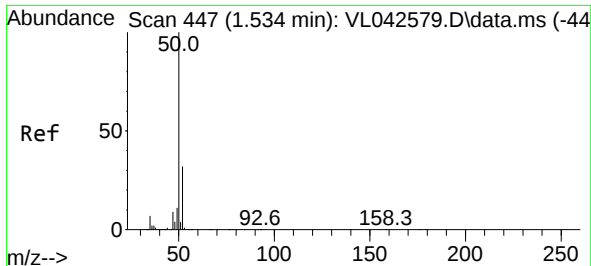
Tgt Ion: 49 Resp: 113122
Ion Ratio Lower Upper
49 100
128 45.2 24.2 72.6
130 56.6 30.4 91.2



#3
Chlorodifluoromethane
Concen: 0.646 ppbv
RT: 1.454 min Scan# 422
Delta R.T. -0.022 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion: 51 Resp: 12372
Ion Ratio Lower Upper
51 100
67 0.2 13.4 20.2#

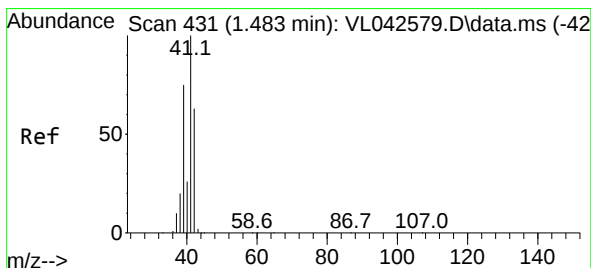
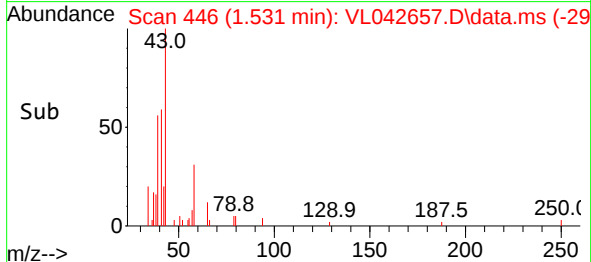
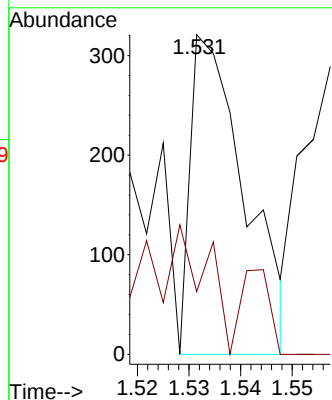
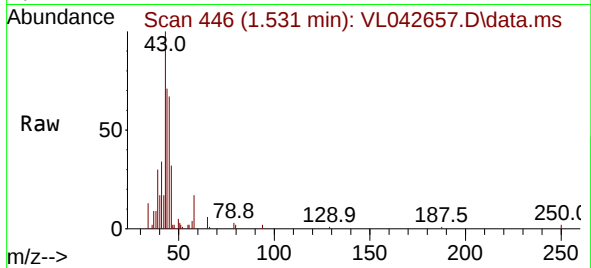




#4
Chloromethane
Concen: 0.043 ppbv
RT: 1.531 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

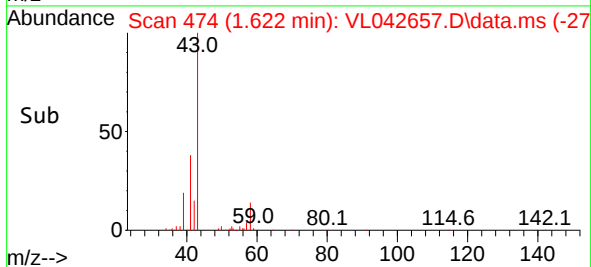
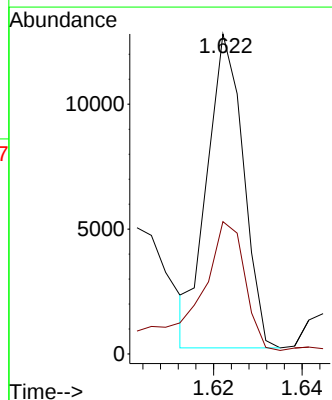
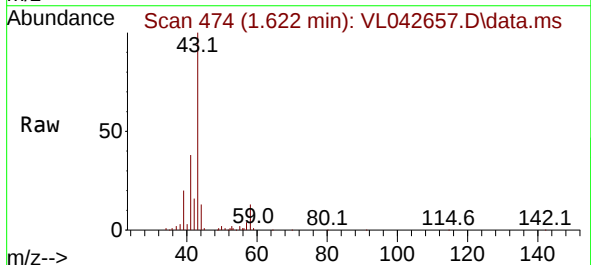
Instrument :
MSVOA_L
ClientSampleId :
SV1

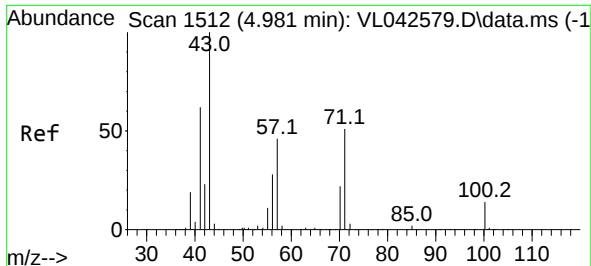
Tgt Ion: 50 Resp: 236
Ion Ratio Lower Upper
50 100
52 19.6 25.8 38.6#



#9
Propene
Concen: 0.925 ppbv
RT: 1.622 min Scan# 474
Delta R.T. 0.139 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion: 41 Resp: 7134
Ion Ratio Lower Upper
41 100
42 55.5 53.3 79.9

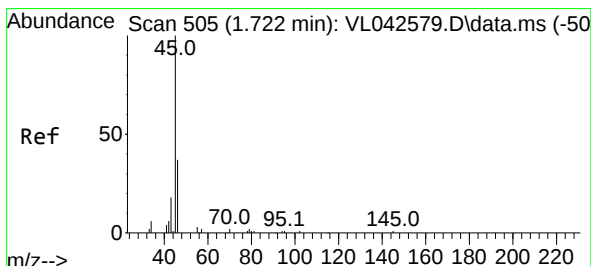
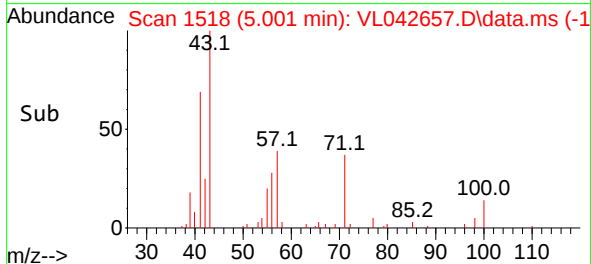
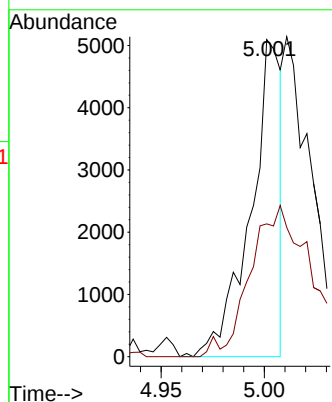
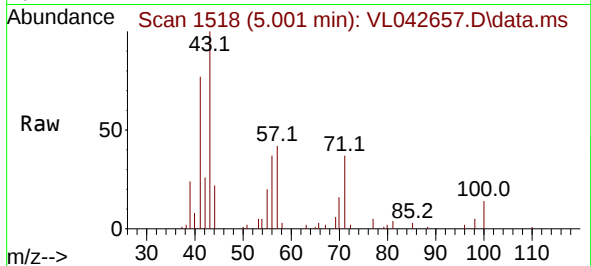




#10
Heptane
Concen: 0.239 ppbv
RT: 5.001 min Scan# 11
Delta R.T. 0.020 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

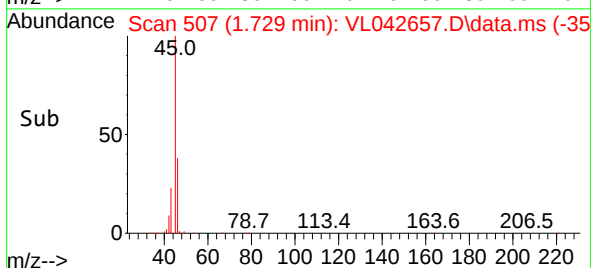
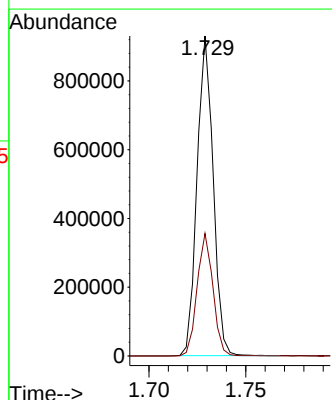
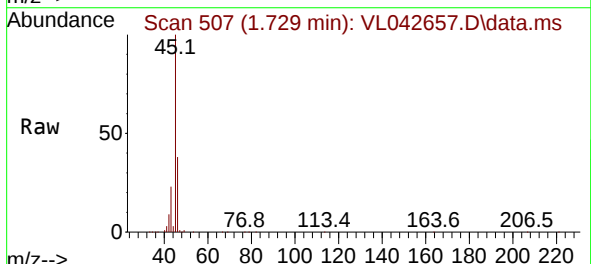
Instrument :
MSVOA_L
ClientSampleId :
SV1

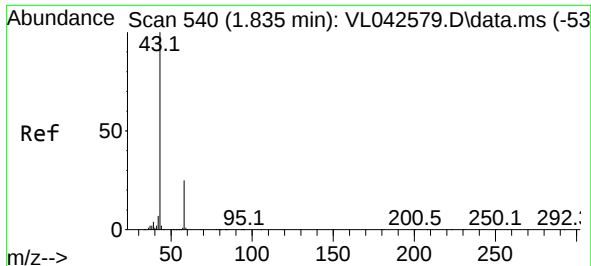
Tgt Ion: 43 Resp: 5195
Ion Ratio Lower Upper
43 100
57 0.0 38.9 58.3#



#13
Ethanol
Concen: 587.522 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.007 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion: 45 Resp: 539915
Ion Ratio Lower Upper
45 100
46 37.9 14.5 58.1





#15

Acetone

Concen: 8.080 ppbv

RT: 1.845 min Scan# 54

Delta R.T. 0.010 min

Lab File: VL042657.D

Acq: 19 Jun 2025 16:17

Instrument :

MSVOA_L

ClientSampleId :

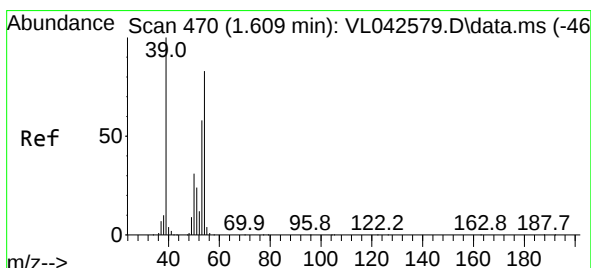
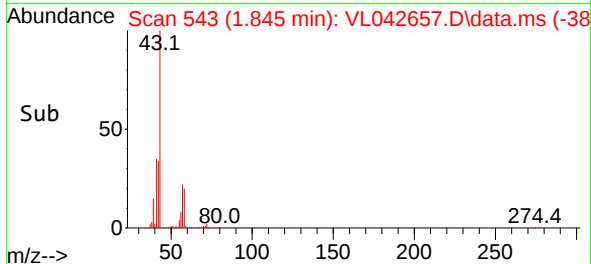
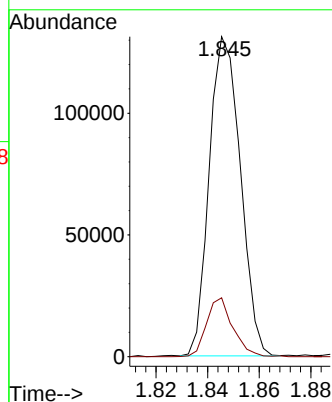
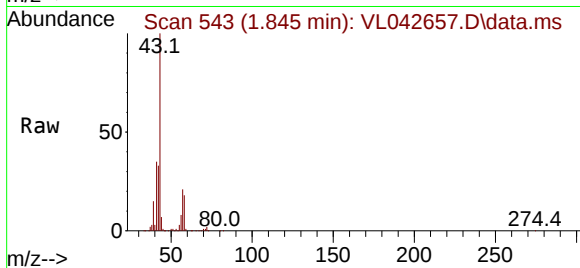
SV1

Tgt Ion: 43 Resp: 110095

Ion Ratio Lower Upper

43 100

58 15.6 21.0 31.4#



#16

1,3-Butadiene

Concen: 0.596 ppbv

RT: 1.622 min Scan# 474

Delta R.T. 0.013 min

Lab File: VL042657.D

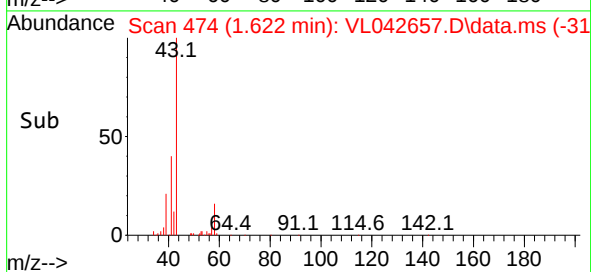
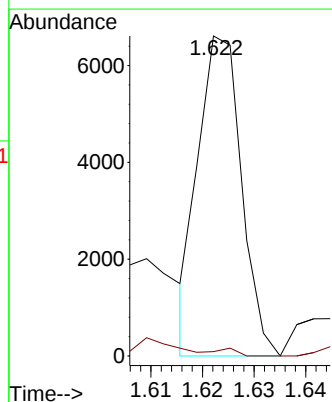
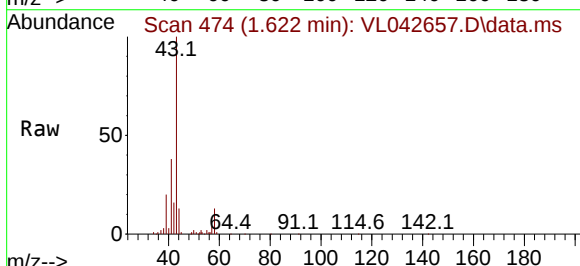
Acq: 19 Jun 2025 16:17

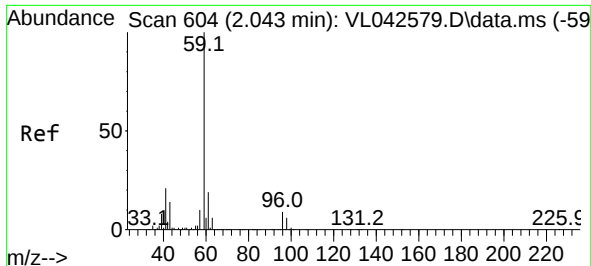
Tgt Ion: 39 Resp: 3844

Ion Ratio Lower Upper

39 100

54 0.0 57.9 86.9#





#17

tert-Butyl alcohol

Concen: 0.148 ppbv

RT: 2.053 min Scan# 604

Delta R.T. 0.010 min

Lab File: VL042657.D

Acq: 19 Jun 2025 16:17

Instrument :

MSVOA_L

ClientSampleId :

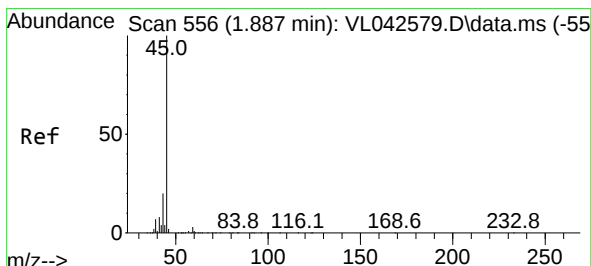
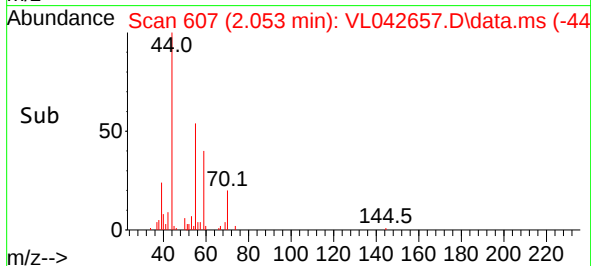
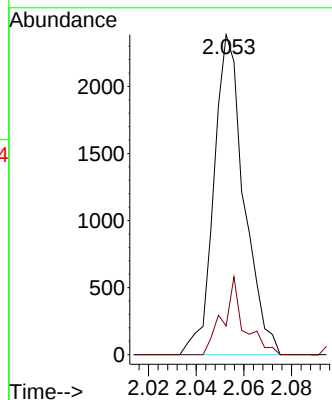
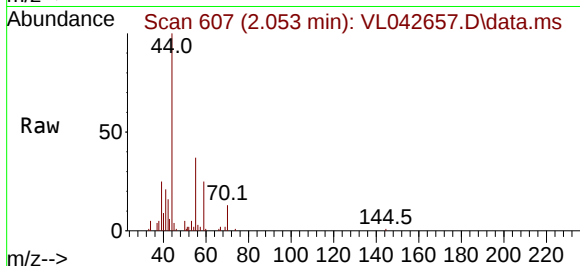
SV1

Tgt Ion: 59 Resp: 2098

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#19

Isopropyl Alcohol

Concen: 1.113 ppbv

RT: 1.894 min Scan# 558

Delta R.T. 0.007 min

Lab File: VL042657.D

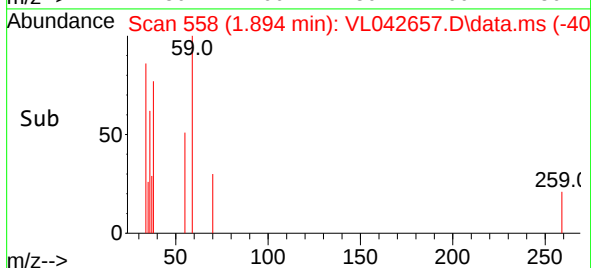
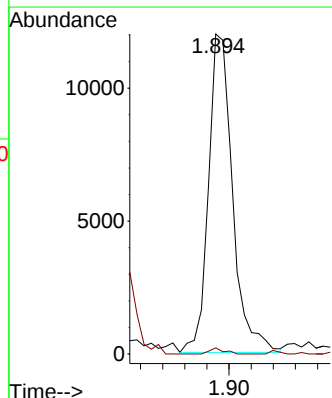
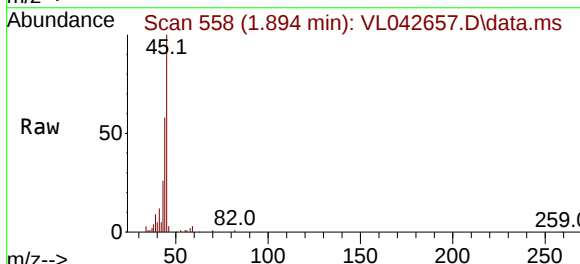
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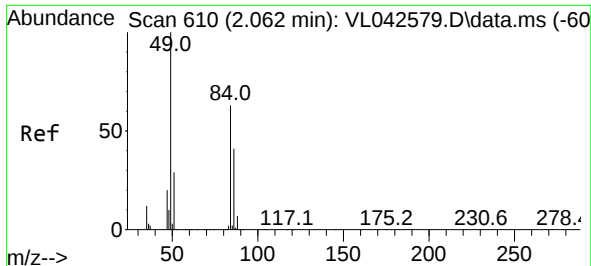
Tgt Ion: 45 Resp: 9070

Ion Ratio Lower Upper

45 100

58 189.2 29.4 44.2#

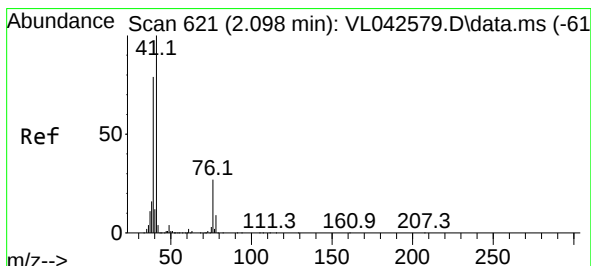
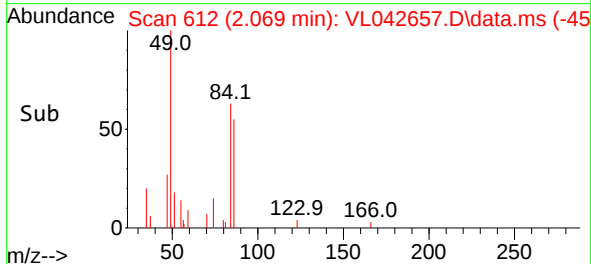
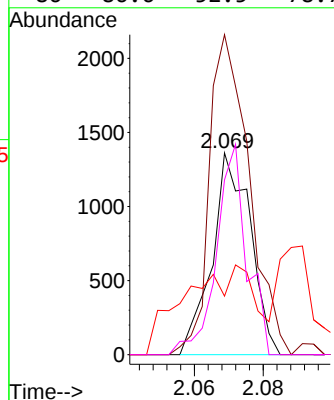
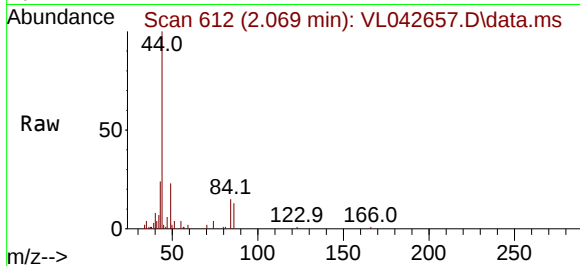




#20
Methylene Chloride
Concen: 0.235 ppbv
RT: 2.069 min Scan# 610
Delta R.T. 0.007 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

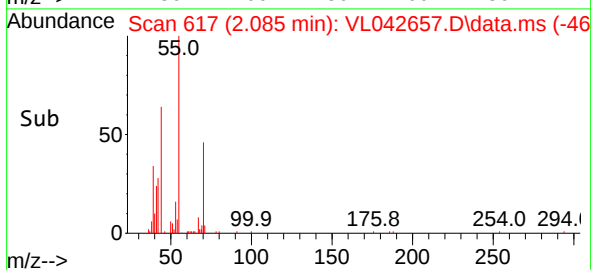
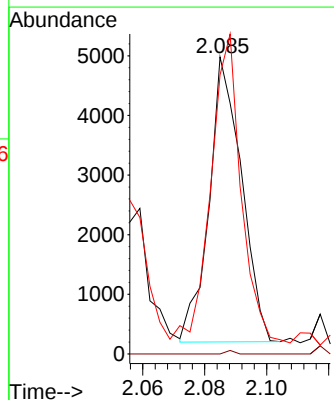
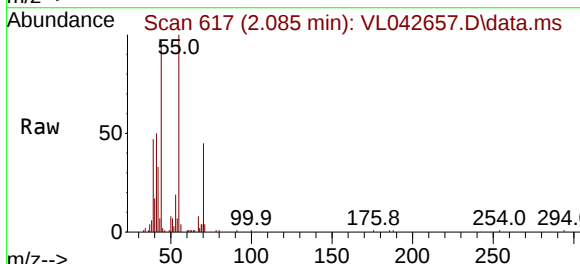
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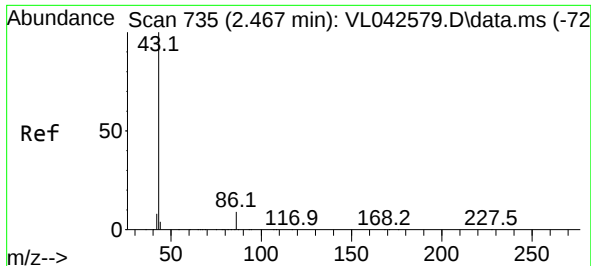
Tgt Ion: 84 Resp: 1056
Ion Ratio Lower Upper
84 100
49 170.8 128.8 193.2
51 3.7 38.6 57.8#
86 86.6 52.5 78.7#



#21
Allyl Chloride
Concen: 0.362 ppbv
RT: 2.085 min Scan# 617
Delta R.T. -0.013 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion: 41 Resp: 3479
Ion Ratio Lower Upper
41 100
76 0.7 21.2 31.8#
39 184.0 60.9 91.3#

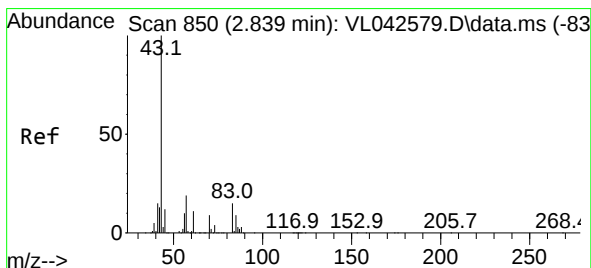
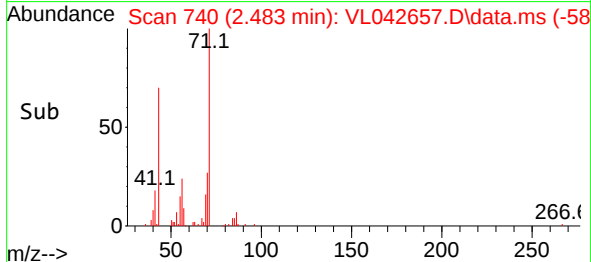
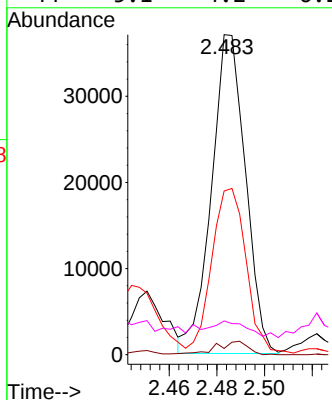
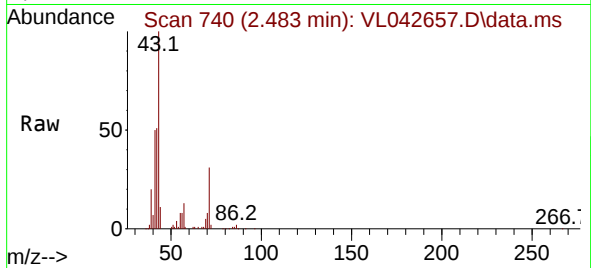




#23
 Vinyl Acetate
 Concen: 1.995 ppbv
 RT: 2.483 min Scan# 741
 Delta R.T. 0.016 min
 Lab File: VL042657.D
 Acq: 19 Jun 2025 16:17

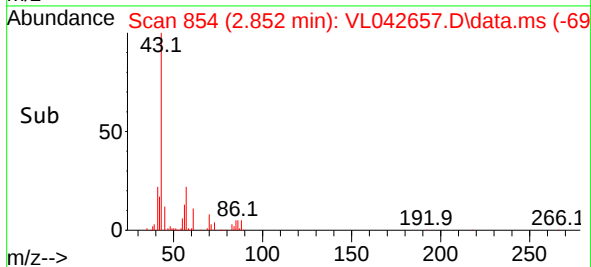
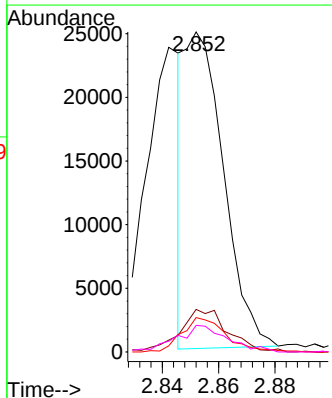
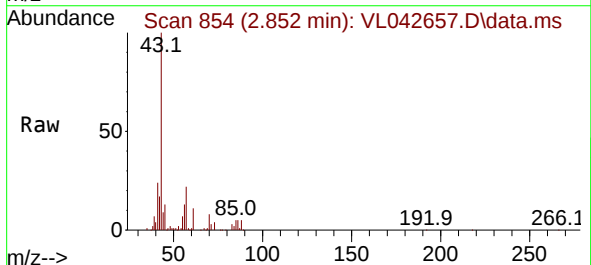
Instrument :
 MSVOA_L
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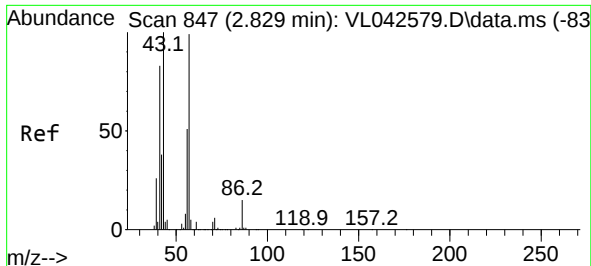
Tgt Ion: 43	Resp: 36747
Ion Ratio	Lower Upper
43 100	
86 2.0	6.6 9.8#
42 50.2	7.0 10.4#
44 5.1	4.2 6.2



#25
 Ethyl Acetate
 Concen: 0.640 ppbv
 RT: 2.852 min Scan# 854
 Delta R.T. 0.013 min
 Lab File: VL042657.D
 Acq: 19 Jun 2025 16:17

Tgt Ion: 43	Resp: 23875
Ion Ratio	Lower Upper
43 100	
45 16.8	8.2 12.2#
61 12.4	7.1 10.7#
70 11.2	6.4 9.6#

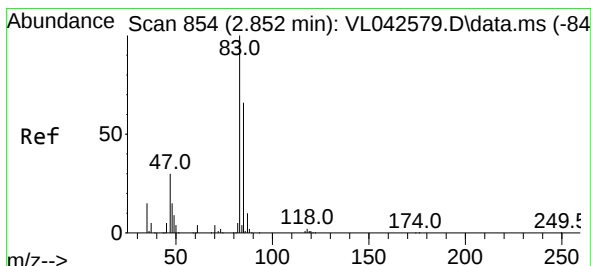
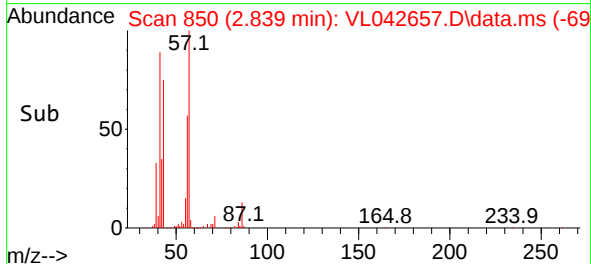
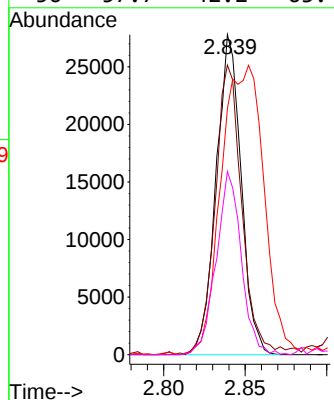
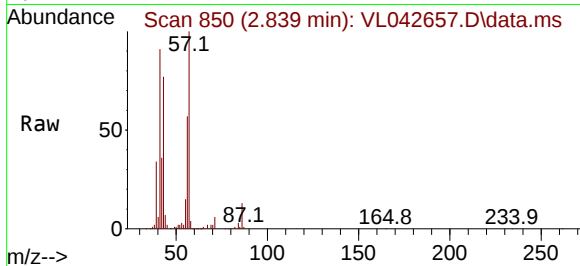




#26
Hexane
Concen: 1.751 ppbv
RT: 2.839 min Scan# 847
Delta R.T. 0.010 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

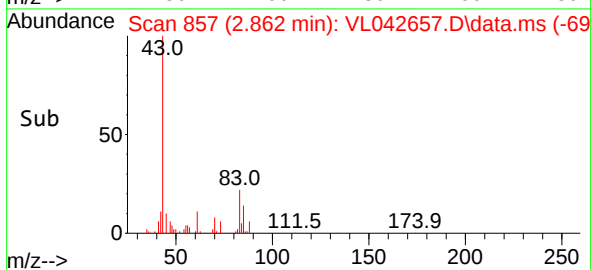
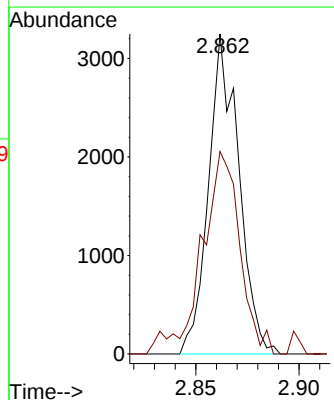
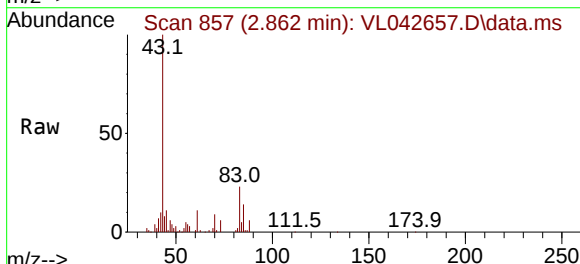
Instrument :
MSVOA_L
ClientSampleId :
SV1

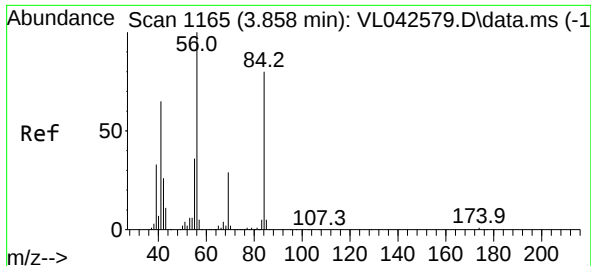
Tgt Ion: 57 Resp: 29663
Ion Ratio Lower Upper
57 100
41 97.2 70.6 106.0
43 156.5 181.1 271.7#
56 57.7 42.2 63.4



#29
Chloroform
Concen: 0.150 ppbv
RT: 2.862 min Scan# 857
Delta R.T. 0.010 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion: 83 Resp: 3301
Ion Ratio Lower Upper
83 100
85 63.3 52.8 79.2

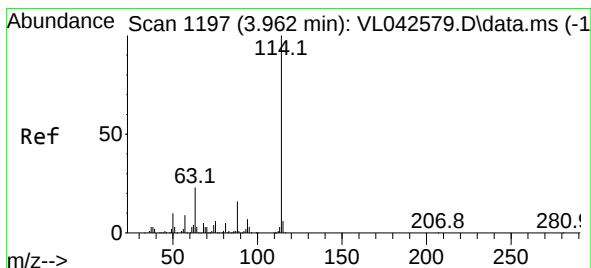
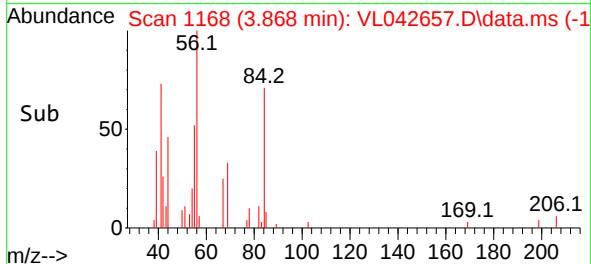
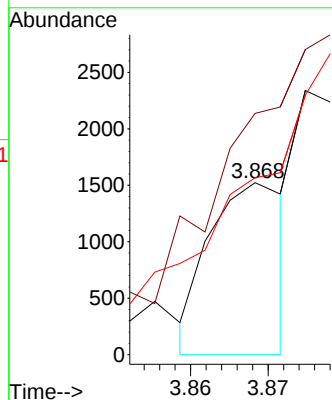
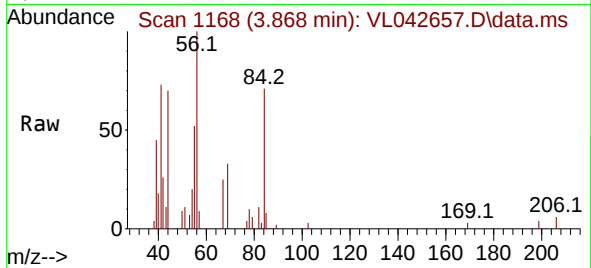




#30
Cyclohexane
Concen: 0.073 ppbv
RT: 3.868 min Scan# 1165
Delta R.T. 0.010 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

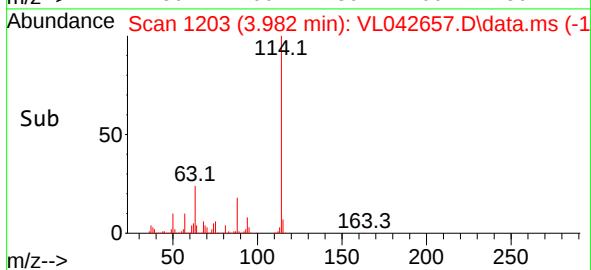
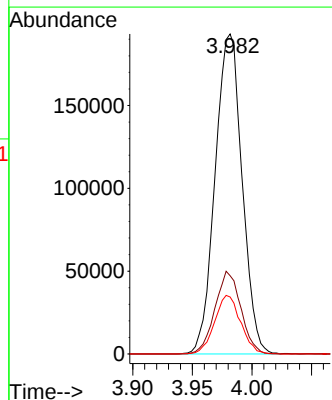
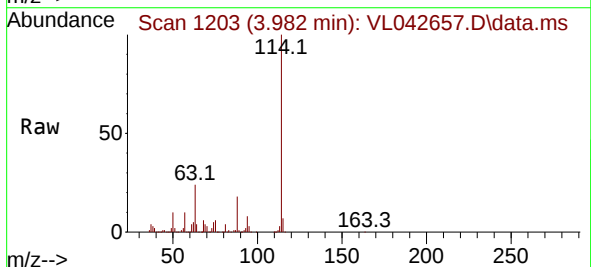
Instrument :
MSVOA_L
ClientSampleId :
SV1

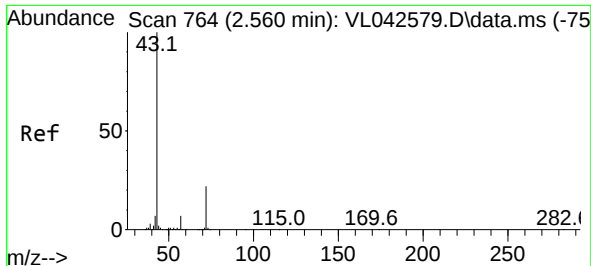
Tgt Ion: 84 Resp: 1032
Ion Ratio Lower Upper
84 100
56 0.0 103.7 155.5#
41 0.0 65.1 97.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.982 min Scan# 1203
Delta R.T. 0.020 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion: 114 Resp: 304237
Ion Ratio Lower Upper
114 100
63 24.8 19.0 28.6
88 17.6 13.6 20.4

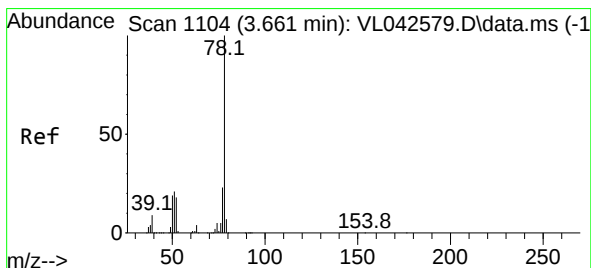
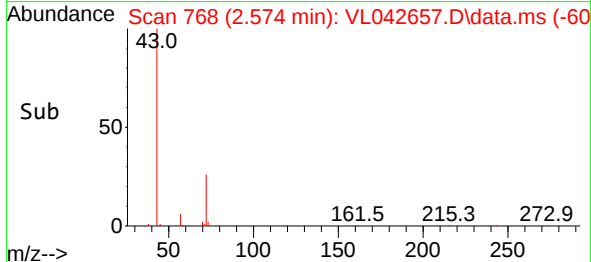
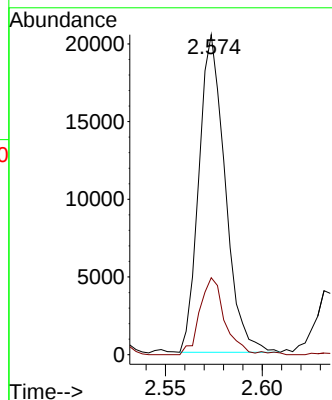
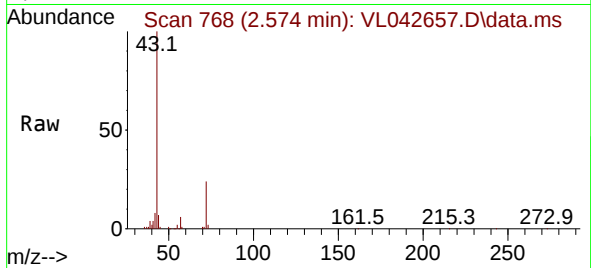




#34
2-Butanone
Concen: 0.889 ppbv
RT: 2.574 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

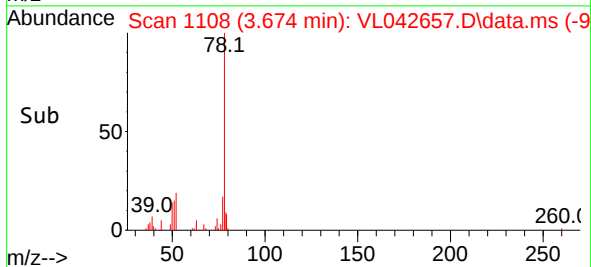
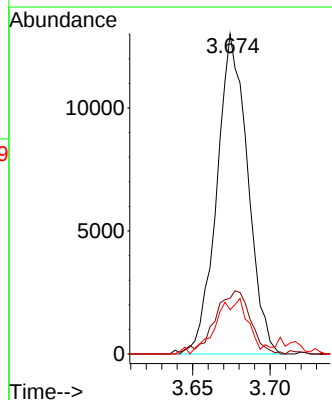
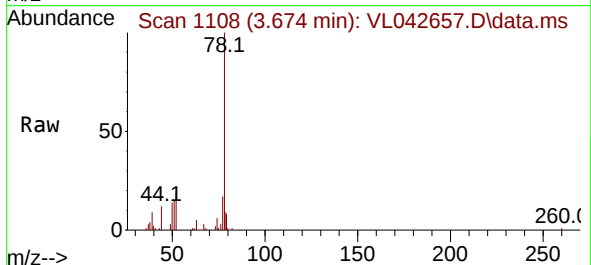
Instrument :
MSVOA_L
ClientSampleId :
SV1

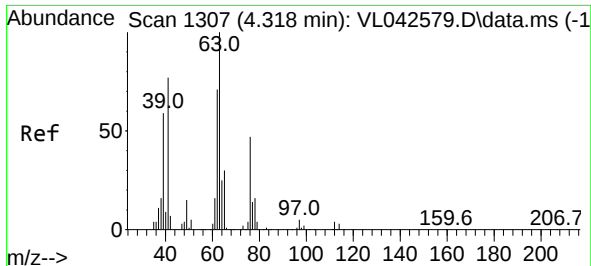
Tgt Ion: 43 Resp: 19294
Ion Ratio Lower Upper
43 100
72 23.9 17.7 26.5



#36
Benzene
Concen: 0.601 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.013 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion: 78 Resp: 17994
Ion Ratio Lower Upper
78 100
77 17.5 18.2 27.2#
50 13.0 15.2 22.8#





#39

1,2-Dichloropropane

Concen: 6.790 ppbv

RT: 3.978 min Scan# 11

Delta R.T. -0.340 min

Lab File: VL042657.D

Acq: 19 Jun 2025 16:17

Instrument :

MSVOA_L

ClientSampleId :

SV1

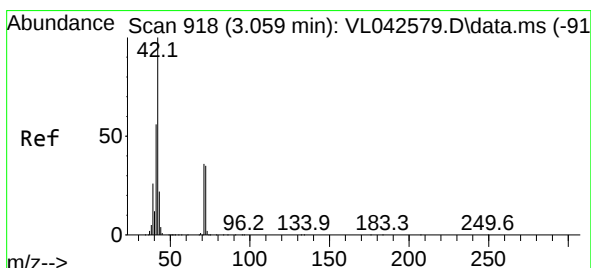
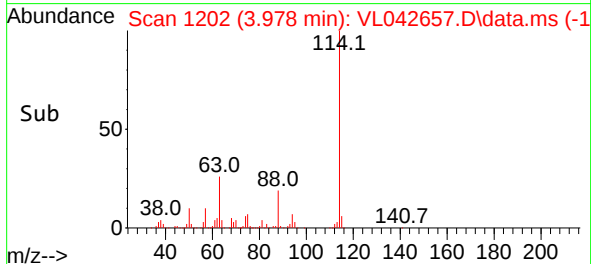
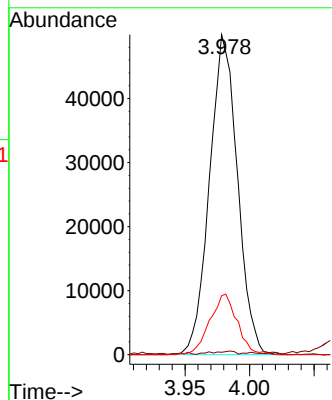
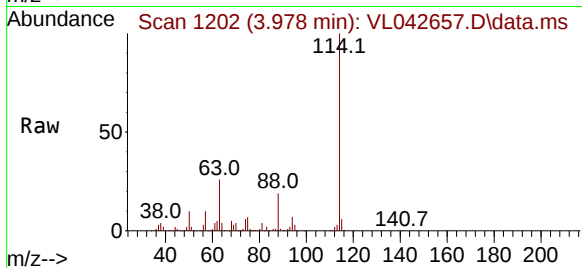
Tgt Ion: 63 Resp: 75223

Ion Ratio Lower Upper

63 100

41 0.4 61.8 92.6#

62 18.4 56.6 85.0#



#41

Tetrahydrofuran

Concen: 0.050 ppbv

RT: 3.079 min Scan# 924

Delta R.T. 0.020 min

Lab File: VL042657.D

Acq: 19 Jun 2025 16:17

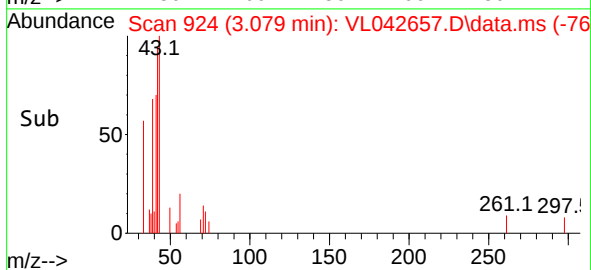
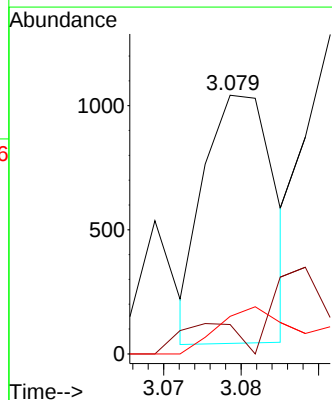
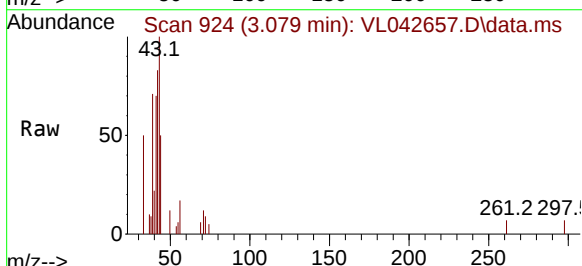
Tgt Ion: 42 Resp: 632

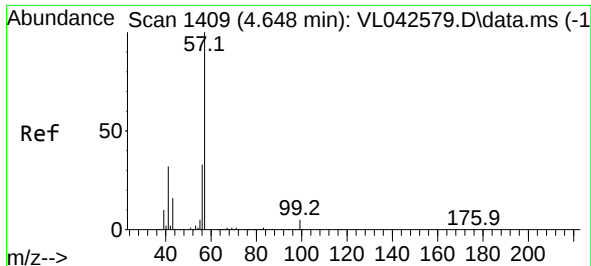
Ion Ratio Lower Upper

42 100

72 0.0 28.9 43.3#

71 0.0 28.5 42.7#

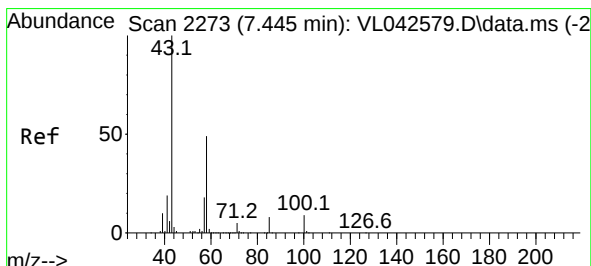
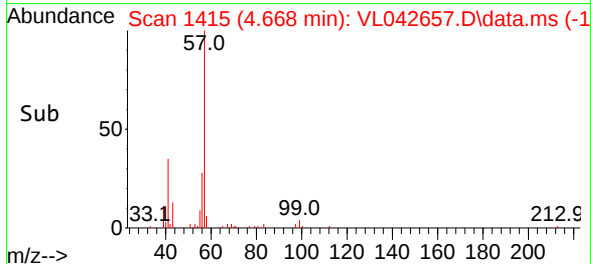
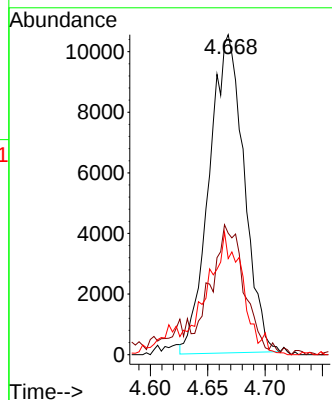
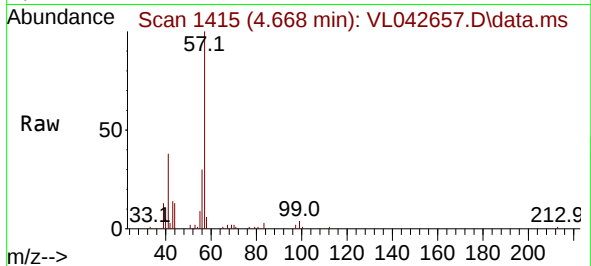




#44
2,2,4-Trimethylpentane
Concen: 0.431 ppbv
RT: 4.668 min Scan# 1415
Delta R.T. 0.020 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

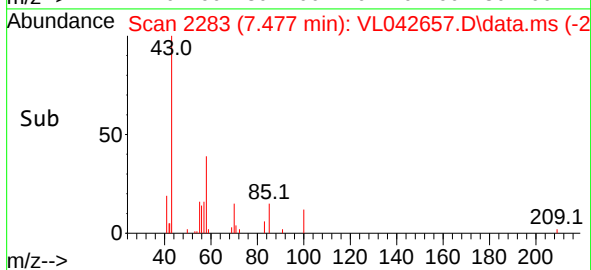
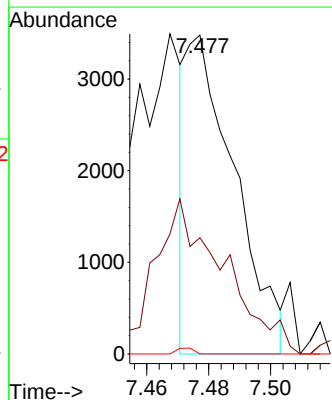
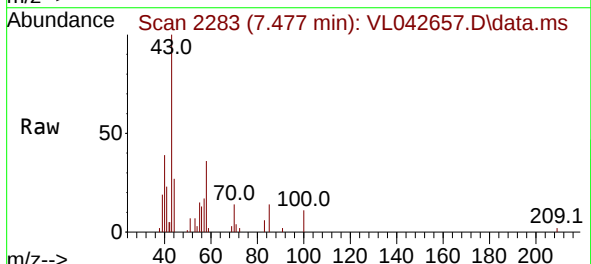
Instrument :
MSVOA_L
ClientSampleId :
SV1

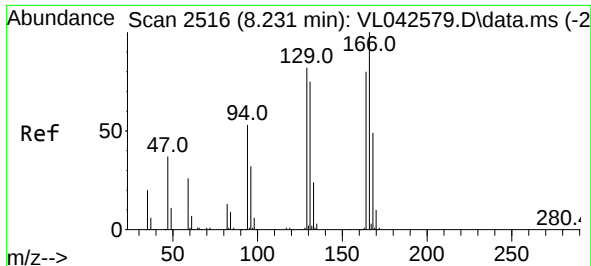
Tgt Ion: 57 Resp: 22109
Ion Ratio Lower Upper
57 100
41 47.2 26.1 39.1#
56 44.9 25.9 38.9#



#51
2-Hexanone
Concen: 0.157 ppbv
RT: 7.477 min Scan# 2283
Delta R.T. 0.033 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion: 43 Resp: 3738
Ion Ratio Lower Upper
43 100
58 0.0 39.9 59.9#
98 0.0 0.1 0.1#

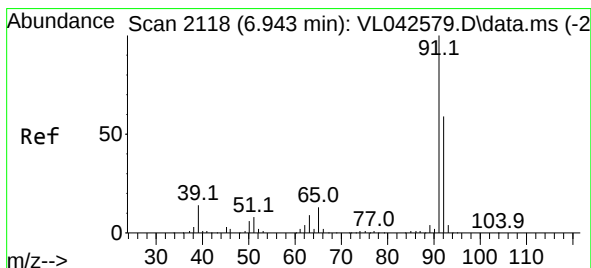
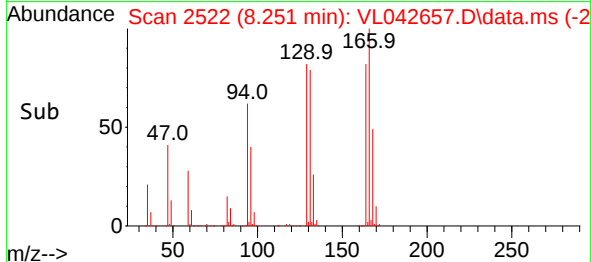
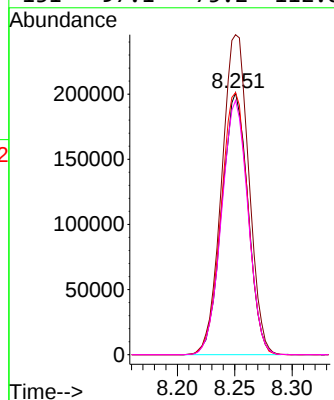
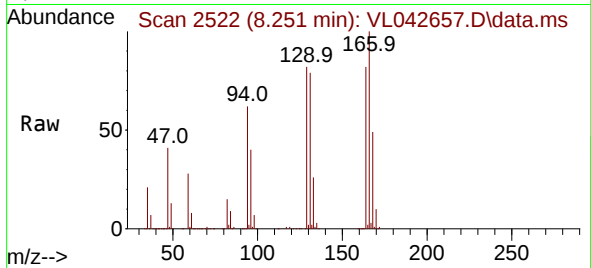




#52
Tetrachloroethene
Concen: 28.542 ppbv
RT: 8.251 min Scan# 2125
Delta R.T. 0.020 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

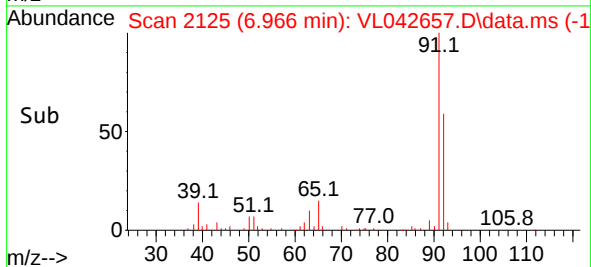
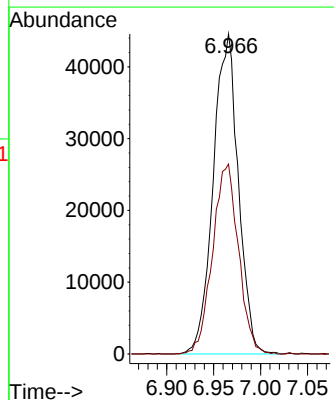
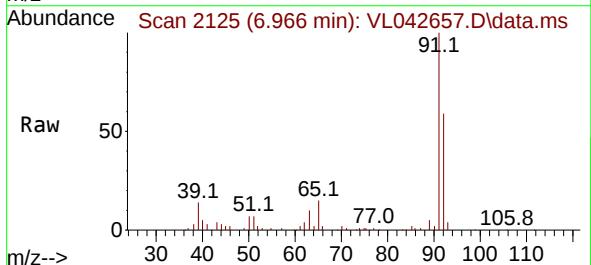
Instrument :
MSVOA_L
ClientSampleId :
SV1

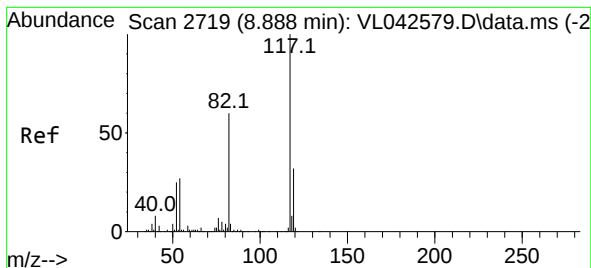
Tgt Ion:164 Resp: 319531
Ion Ratio Lower Upper
164 100
166 122.2 100.0 150.0
129 100.1 82.2 123.4
131 97.1 75.2 112.8



#53
Toluene
Concen: 2.390 ppbv
RT: 6.966 min Scan# 2125
Delta R.T. 0.023 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion: 91 Resp: 82757
Ion Ratio Lower Upper
91 100
92 61.2 48.2 72.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.905 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL042657.D

Acq: 19 Jun 2025 16:17

Instrument :

MSVOA_L

ClientSampleId :

SV1

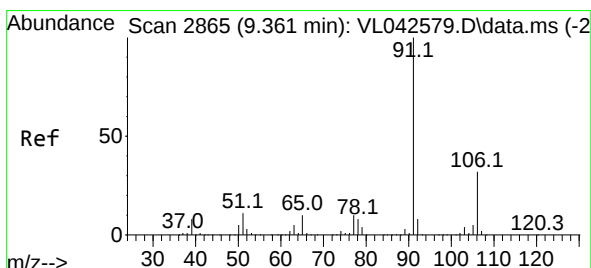
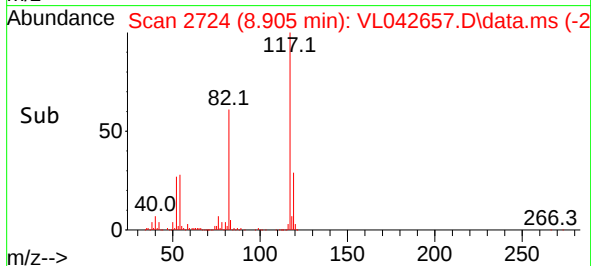
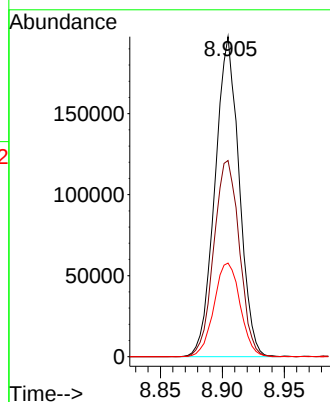
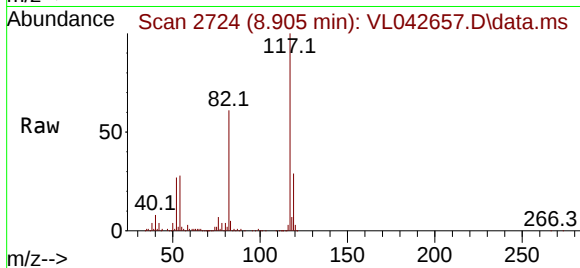
Tgt Ion:117 Resp: 268498

Ion Ratio Lower Upper

117 100

82 64.8 51.2 76.8

119 31.7 26.3 39.5



#58

Ethyl Benzene

Concen: 0.504 ppbv

RT: 9.377 min Scan# 2870

Delta R.T. 0.016 min

Lab File: VL042657.D

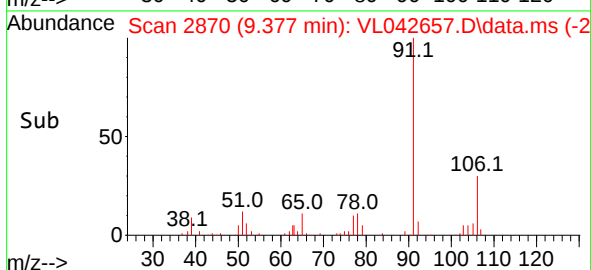
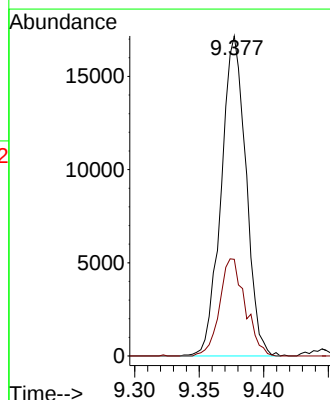
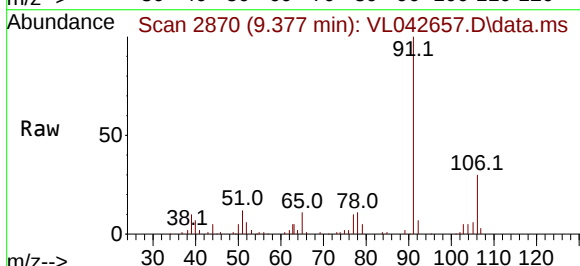
Acq: 19 Jun 2025 16:17

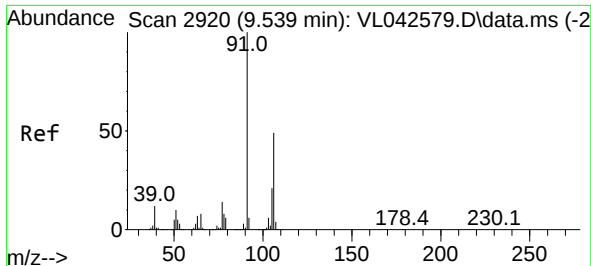
Tgt Ion: 91 Resp: 22932

Ion Ratio Lower Upper

91 100

106 30.2 25.9 38.9





#59

m/p-Xylene

Concen: 2.035 ppbv

RT: 9.552 min Scan# 2924

Delta R.T. 0.013 min

Lab File: VL042657.D

Acq: 19 Jun 2025 16:17

Instrument :

MSVOA_L

ClientSampleId :

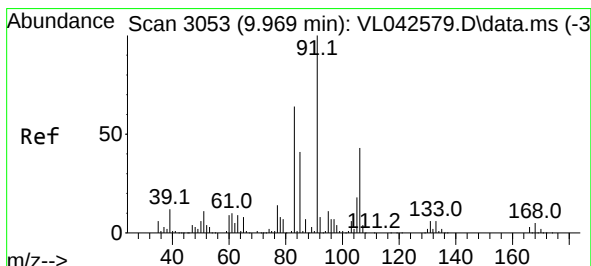
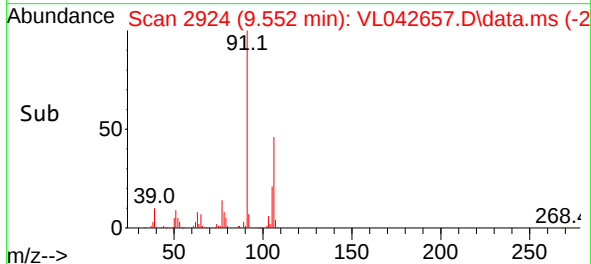
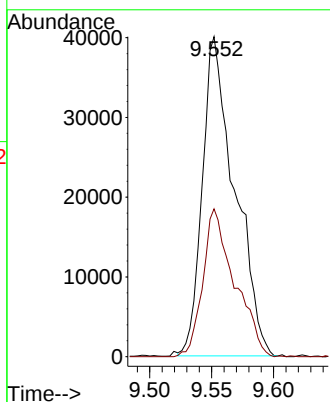
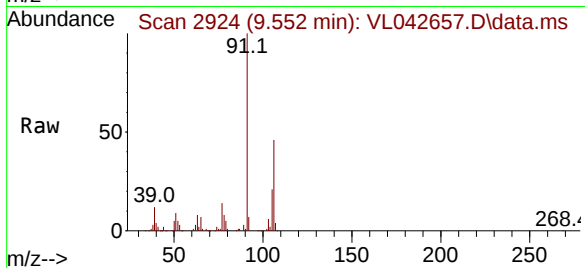
SV1

Tgt Ion: 91 Resp: 72946

Ion Ratio Lower Upper

91 100

106 45.4 38.8 58.2



#60

o-Xylene

Concen: 0.768 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. 0.013 min

Lab File: VL042657.D

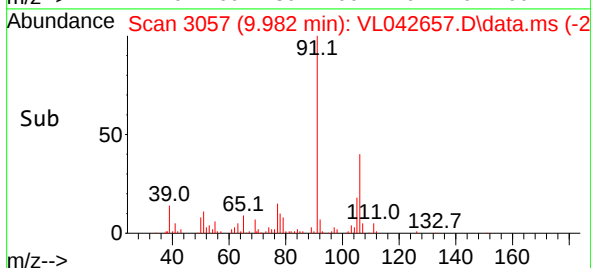
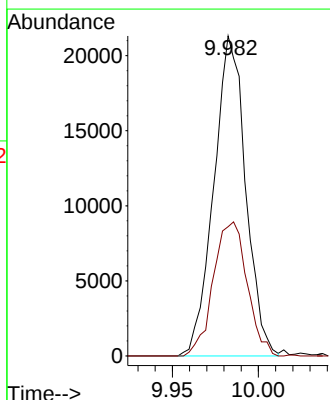
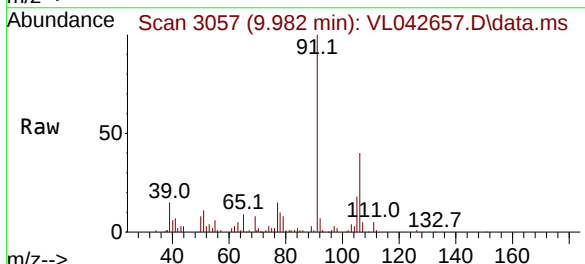
Acq: 19 Jun 2025 16:17

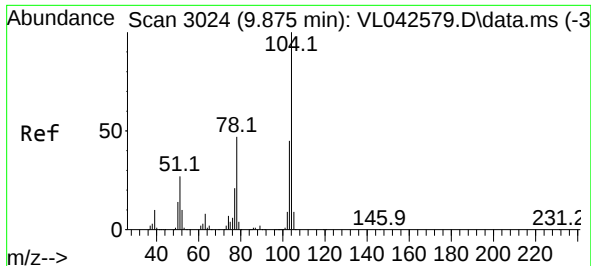
Tgt Ion: 91 Resp: 27460

Ion Ratio Lower Upper

91 100

106 44.4 22.9 68.5

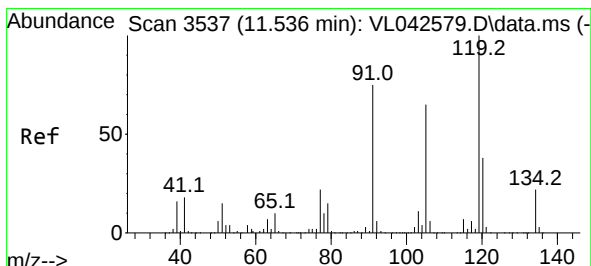
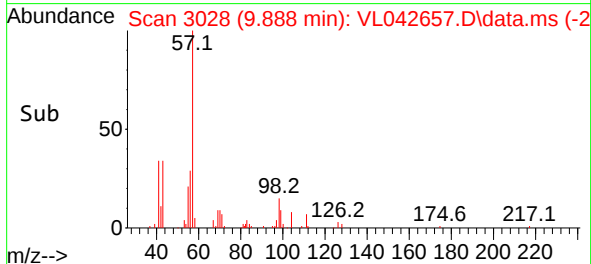
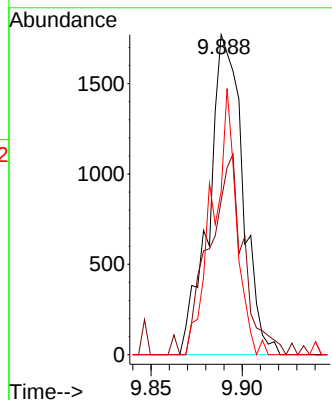
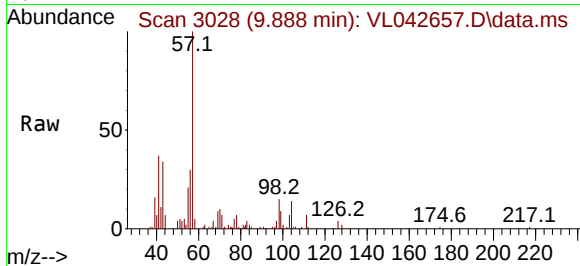




#61
Styrene
Concen: 0.135 ppbv
RT: 9.888 min Scan# 3024
Delta R.T. 0.013 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

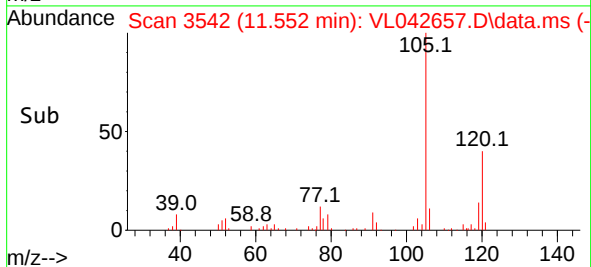
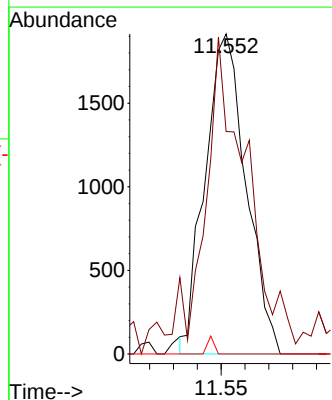
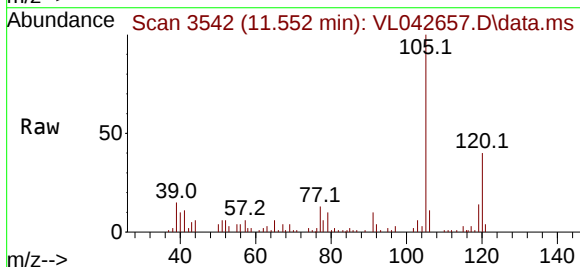
Instrument :
MSVOA_L
ClientSampleId :
SV1

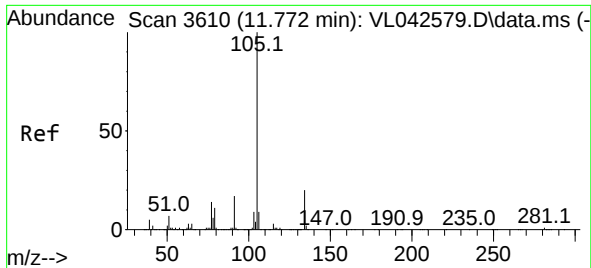
Tgt Ion:104 Resp: 2285
Ion Ratio Lower Upper
104 100
78 64.8 38.2 57.4#
103 59.0 36.7 55.1#



#65
tert-Butylbenzene
Concen: 0.048 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. 0.016 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion:119 Resp: 2284
Ion Ratio Lower Upper
119 100
91 109.5 61.1 91.7#
134 0.0 17.4 26.2#

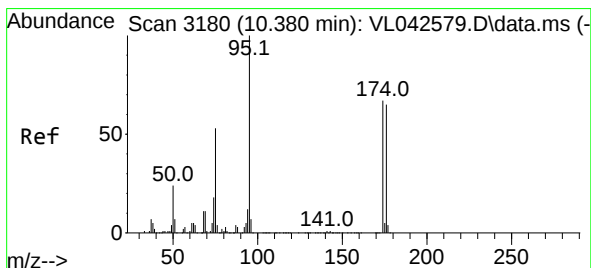
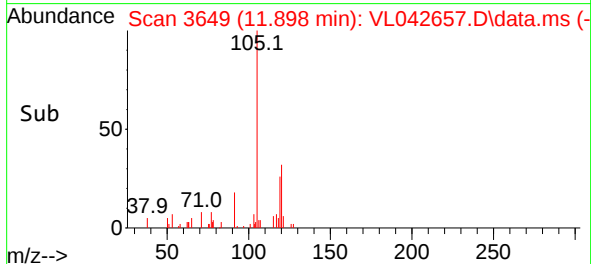
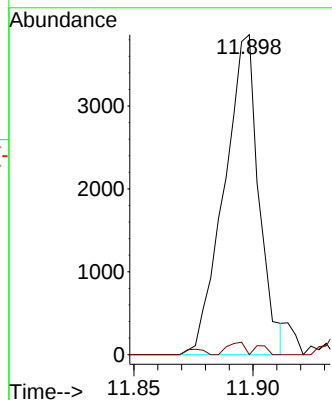
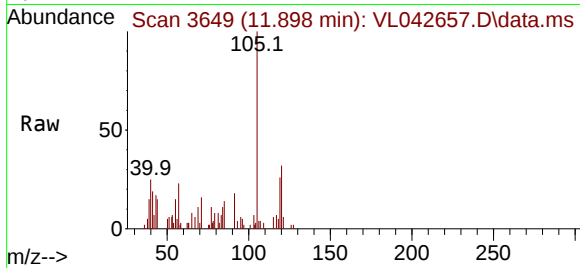




#67
 sec-Butylbenzene
 Concen: 0.058 ppbv
 RT: 11.898 min Scan# 3649
 Delta R.T. 0.127 min
 Lab File: VL042657.D
 Acq: 19 Jun 2025 16:17

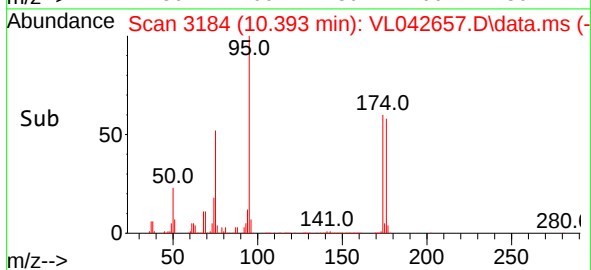
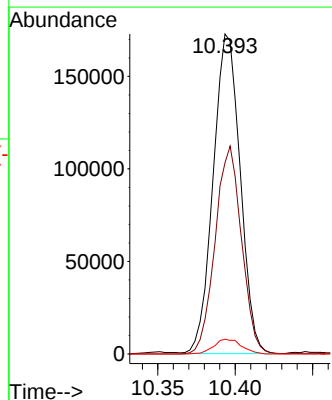
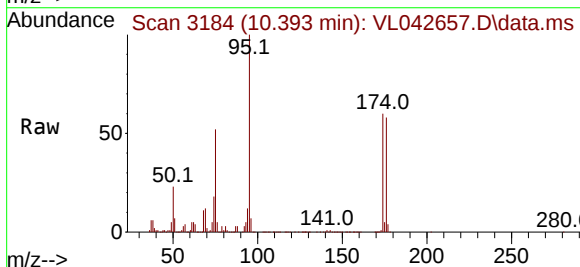
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

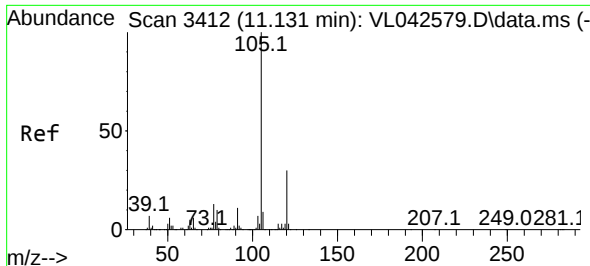
Tgt Ion:105 Resp: 3897
 Ion Ratio Lower Upper
 105 100
 134 3.8 15.8 23.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.427 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.013 min
 Lab File: VL042657.D
 Acq: 19 Jun 2025 16:17

Tgt Ion: 95 Resp: 209871
 Ion Ratio Lower Upper
 95 100
 174 63.5 53.1 79.7
 175 4.7 4.2 6.2

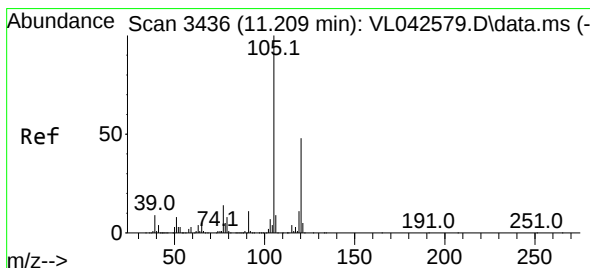
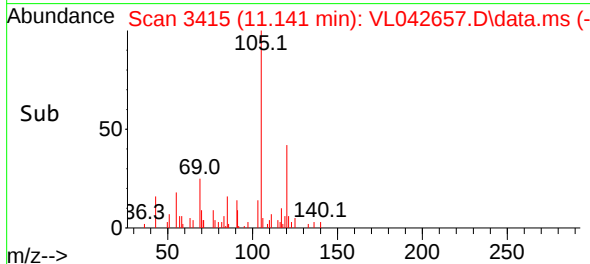
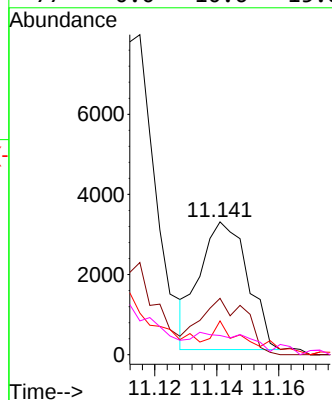
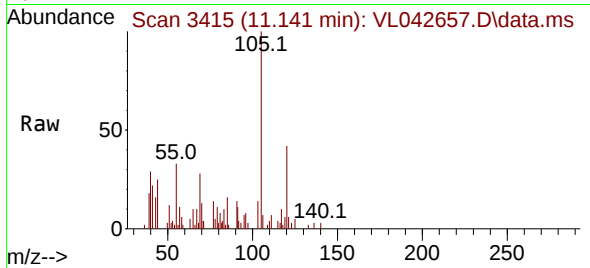




#72
4-Ethyltoluene
Concen: 0.077 ppbv
RT: 11.141 min Scan# 3412
Delta R.T. 0.010 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

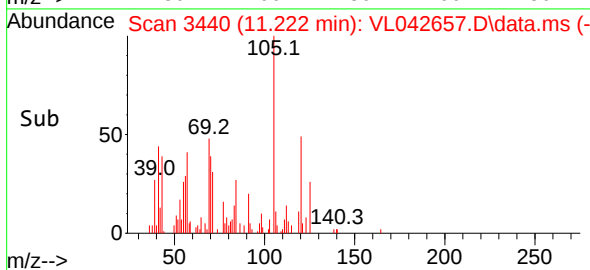
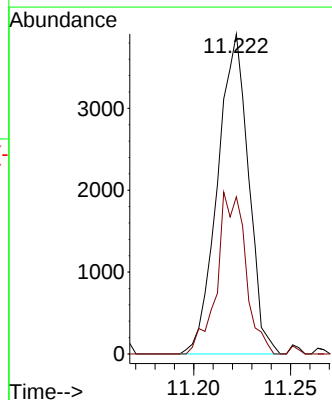
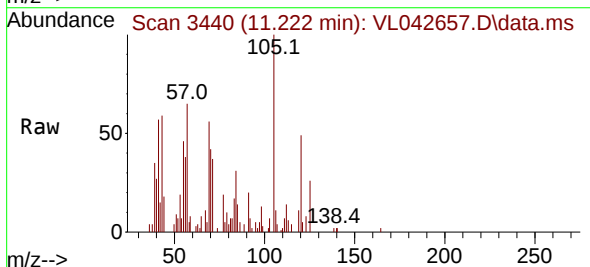
Instrument :
MSVOA_L
ClientSampleId :
SV1

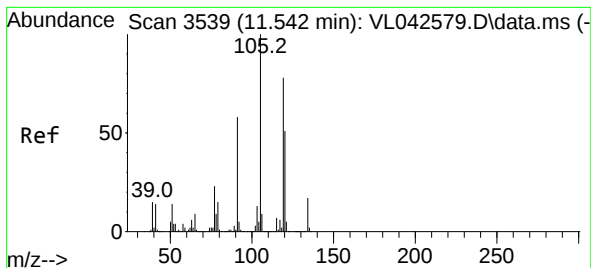
Tgt Ion:	105	Resp:	3434
Ion Ratio	Lower	Upper	
105	100		
120	42.8	24.6	36.8#
91	0.0	9.6	14.4#
77	0.0	10.6	15.8#



#73
1,3,5-Trimethylbenzene
Concen: 0.118 ppbv
RT: 11.222 min Scan# 3440
Delta R.T. 0.013 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion:	105	Resp:	4347
Ion Ratio	Lower	Upper	
105	100		
120	49.1	38.8	58.2





#74

1,2,4-Trimethylbenzene

Concen: 0.396 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.007 min

Lab File: VL042657.D

Acq: 19 Jun 2025 16:17

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tgt Ion:105 Resp: 16198

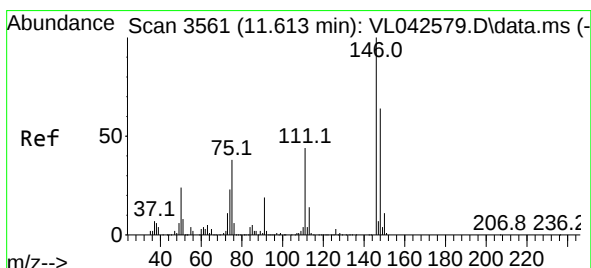
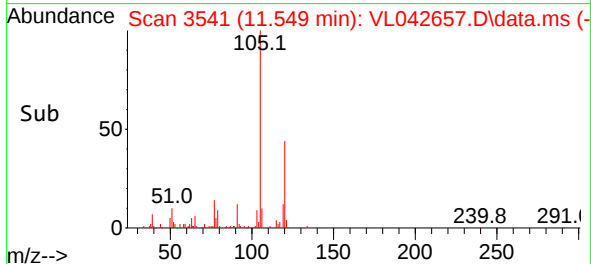
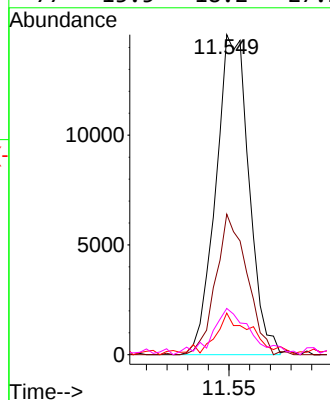
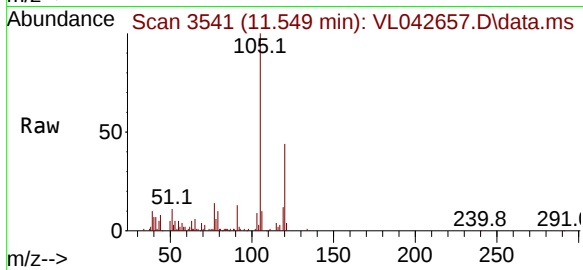
Ion Ratio Lower Upper

105 100

120 43.9 40.8 61.2

91 12.2 46.8 70.2#

77 13.5 18.2 27.2#



#75

1,3-Dichlorobenzene

Concen: 0.326 ppbv

RT: 11.688 min Scan# 3584

Delta R.T. 0.075 min

Lab File: VL042657.D

Acq: 19 Jun 2025 16:17

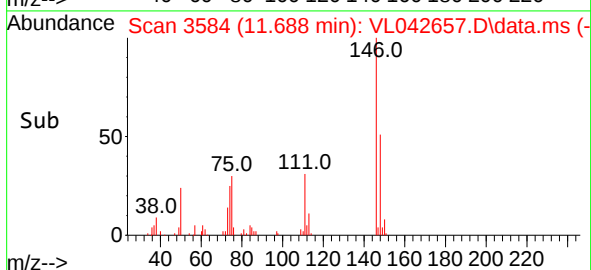
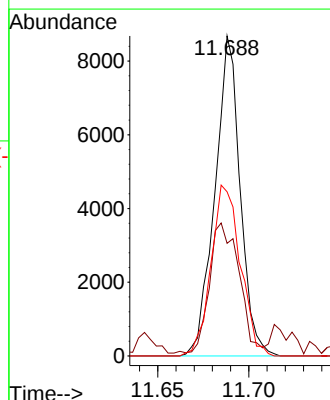
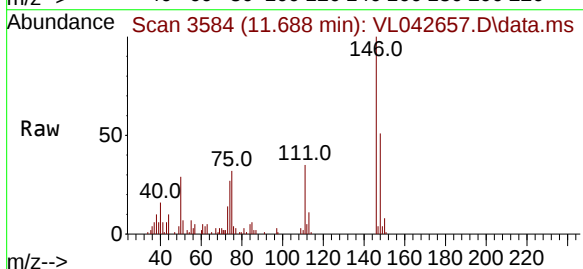
Tgt Ion:146 Resp: 8370

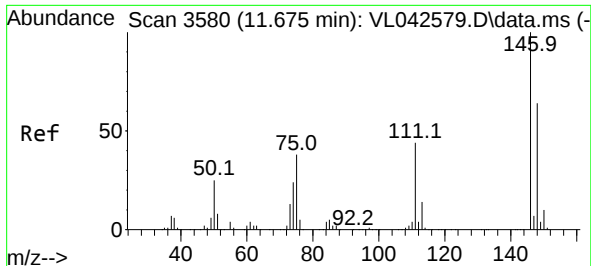
Ion Ratio Lower Upper

146 100

111 60.9 22.4 67.3

148 62.0 32.0 96.2

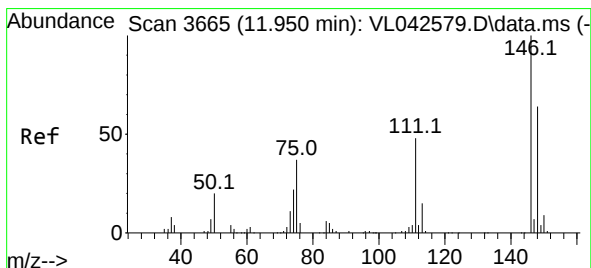
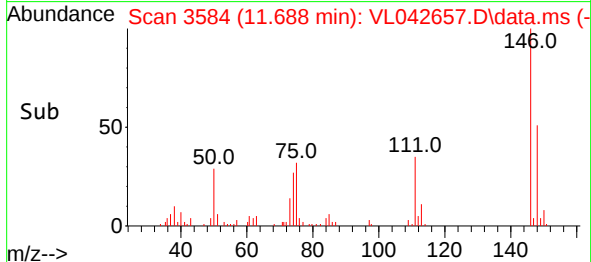
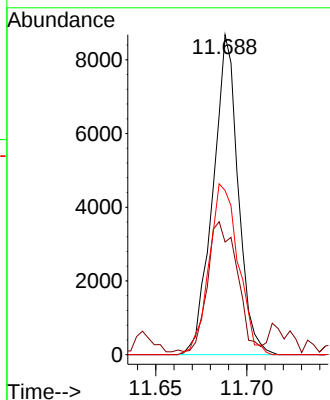
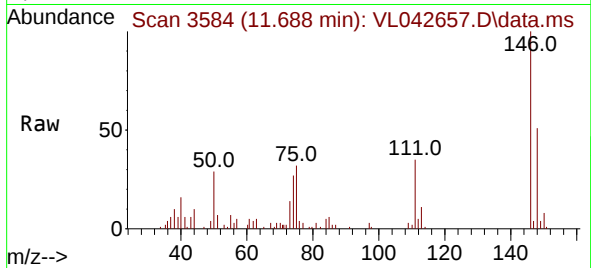




#76
1,4-Dichlorobenzene
Concen: 0.326 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. 0.013 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

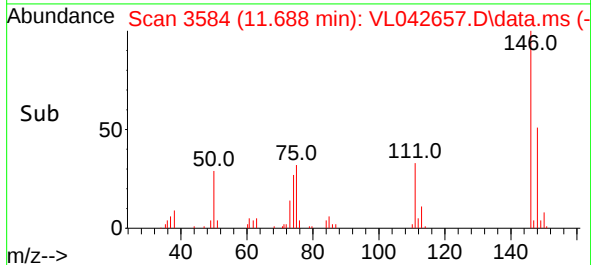
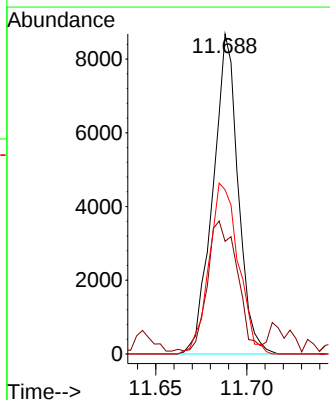
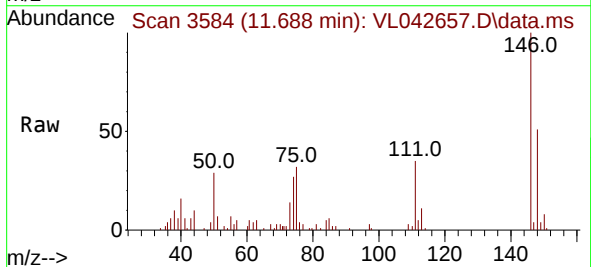
Instrument :
MSVOA_L
ClientSampleId :
SV1

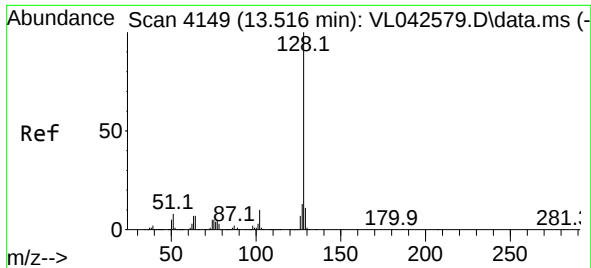
Tgt Ion:146 Resp: 8370
Ion Ratio Lower Upper
146 100
111 59.5 21.6 64.8
148 62.0 32.1 96.5



#77
1,2-Dichlorobenzene
Concen: 0.336 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. -0.262 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Tgt Ion:146 Resp: 8370
Ion Ratio Lower Upper
146 100
111 69.3 23.1 69.3
148 62.0 32.1 96.3





#79
Naphthalene
Concen: 0.038 ppbv
RT: 13.526 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL042657.D
Acq: 19 Jun 2025 16:17

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion	Ratio	Lower	Upper
128	100		
127	57.5	10.2	15.4#
129	13.2	8.8	13.2#

