

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
 Data File : VL042208.D
 Acq On : 31 Mar 2025 13:36
 Operator : SY/MD
 Sample : Q1669-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

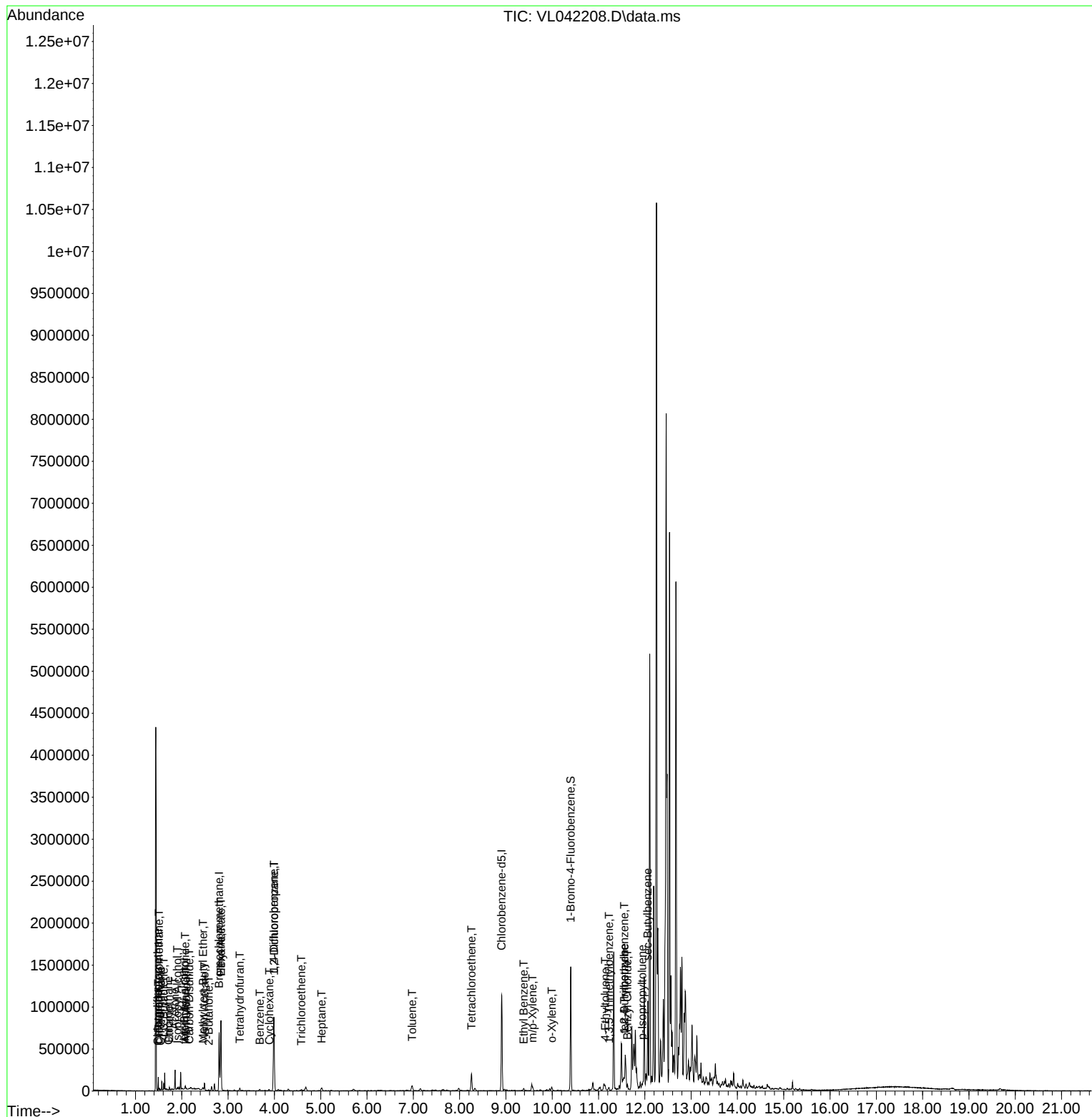
Quant Time: Apr 01 01:39:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

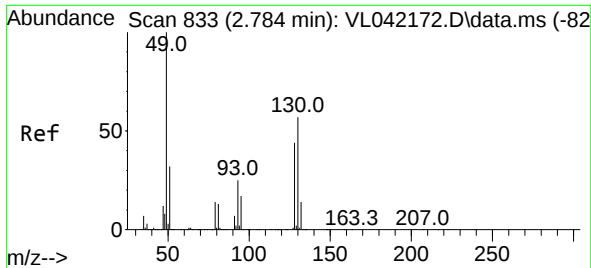
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.806	49	185856	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.988	114	529863	10.000	ppbv	0.04
55) Chlorobenzene-d5	8.907	117	478116	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.400	95	376053	9.578	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.505	85	4751	0.173	ppbv	91
3) Chlorodifluoromethane	1.483	51	5713	0.204	ppbv #	77
4) Chloromethane	1.541	50	672	0.060	ppbv #	54
7) Chloroethane	1.712	64	151	0.034	ppbv	95
9) Propene	1.492	41	23121	1.799	ppbv	89
10) Heptane	5.017	43	8492	0.248	ppbv #	50
13) Ethanol	1.732	45	10254	8.442	ppbv #	27
15) Acetone	1.852	43	57758	2.222	ppbv #	75
16) 1,3-Butadiene	1.609	39	9400	0.741	ppbv #	40
17) tert-Butyl alcohol	2.056	59	3025	0.093	ppbv #	50
19) Isopropyl Alcohol	1.900	45	6949	0.474	ppbv #	1
20) Methylene Chloride	2.075	84	5788	0.598	ppbv	91
21) Allyl Chloride	2.091	41	1471	0.080	ppbv #	57
23) Vinyl Acetate	2.492	43	24938	2.217	ppbv #	44
25) Ethyl Acetate	2.845	43	145034	2.150	ppbv #	79
26) Hexane	2.845	57	202226	7.761	ppbv #	29
27) Carbon Disulfide	2.162	76	4488	0.161	ppbv #	1
28) Methyl tert-Butyl Ether	2.460	73	1590	0.098	ppbv #	49
30) Cyclohexane	3.887	84	3460	0.153	ppbv #	64
34) 2-Butanone	2.580	43	6987	0.182	ppbv	100
36) Benzene	3.684	78	10828	0.206	ppbv #	89
38) Trichloroethene	4.583	130	1327	0.061	ppbv #	85
39) 1,2-Dichloropropane	3.991	63	134527	7.032	ppbv #	24
41) Tetrahydrofuran	3.253	42	2722	0.123	ppbv #	37
52) Tetrachloroethene	8.257	164	33600	1.613	ppbv #	86
53) Toluene	6.972	91	41185	0.661	ppbv	99
58) Ethyl Benzene	9.383	91	12675	0.149	ppbv	99
59) m/p-Xylene	9.577	91	10428	0.154	ppbv #	31
60) o-Xylene	9.989	91	19197	0.282	ppbv	99
65) tert-Butylbenzene	11.555	119	4739	0.050	ppbv #	35
66) Benzyl Chloride	11.623	91	390	0.039	ppbv #	1
67) sec-Butylbenzene	12.060	105	9295	0.071	ppbv	99
69) p-Isopropyltoluene	11.943	119	9980	0.089	ppbv #	89
72) 4-Ethyltoluene	11.144	105	11557	0.137	ppbv #	83
73) 1,3,5-Trimethylbenzene	11.228	105	9755	0.132	ppbv	93
74) 1,2,4-Trimethylbenzene	11.555	105	41806	0.491	ppbv #	64

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

Quant Time: Apr 01 01:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

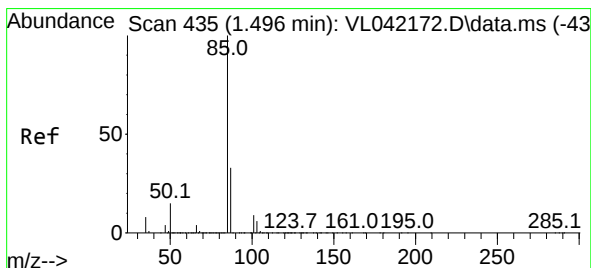
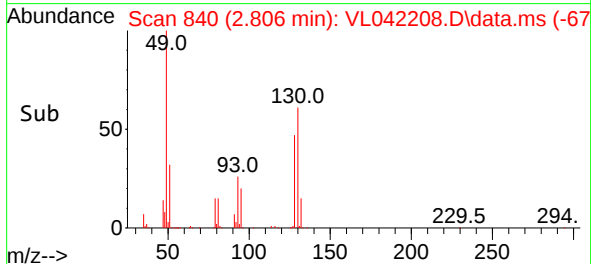
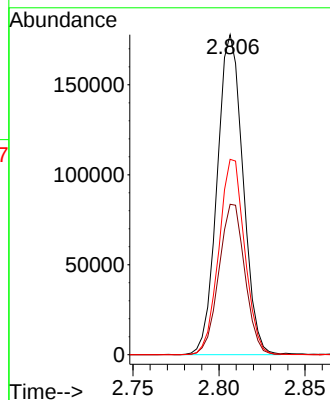
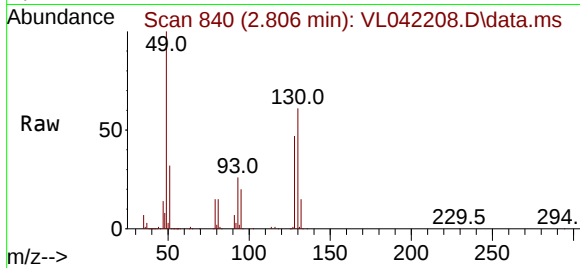




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.806 min Scan# 84
Delta R.T. 0.022 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

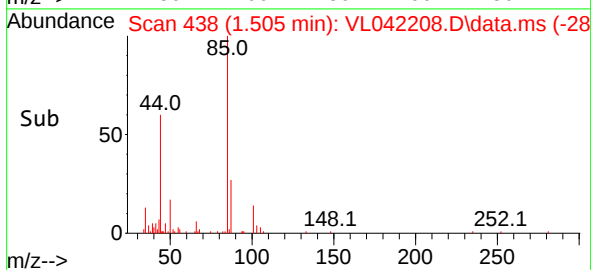
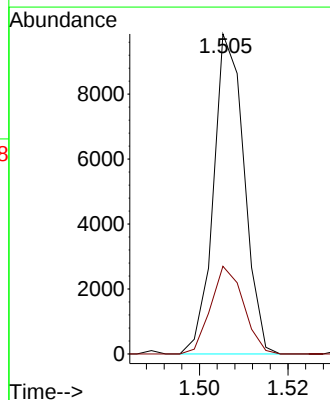
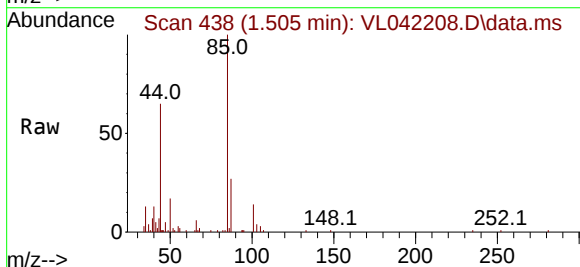
Instrument :
MSVOA_L
ClientSampleId :
SV2

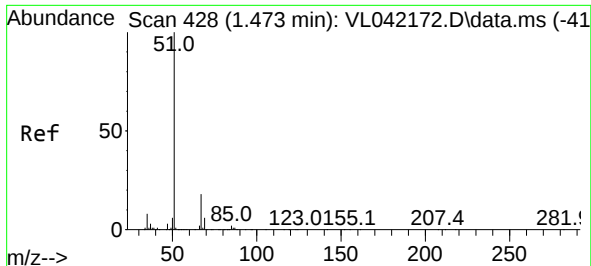
Tgt Ion: 49 Resp: 185856
Ion Ratio Lower Upper
49 100
128 47.3 22.9 68.5
130 61.0 28.8 86.4



#2
Dichlorodifluoromethane
Concen: 0.173 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.010 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

Tgt Ion: 85 Resp: 4751
Ion Ratio Lower Upper
85 100
87 27.4 26.1 39.1

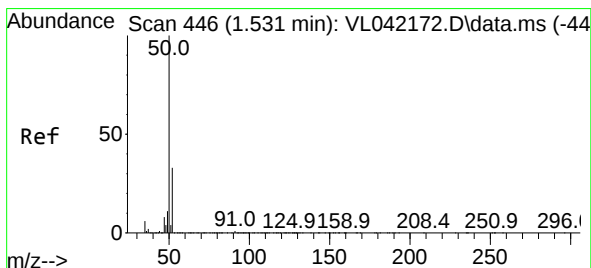
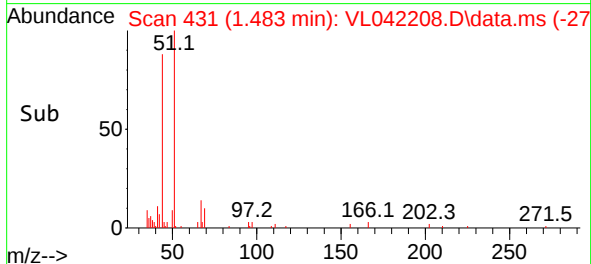
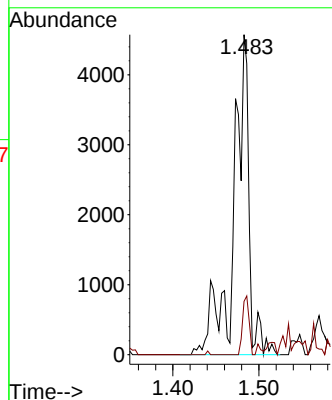
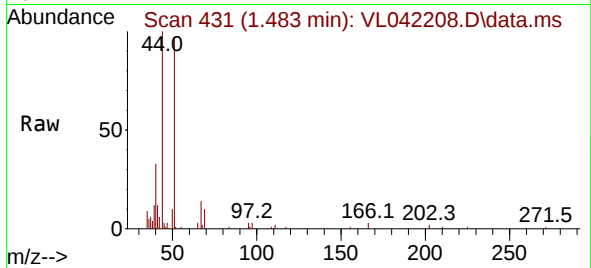




#3
Chlorodifluoromethane
Concen: 0.204 ppbv
RT: 1.483 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

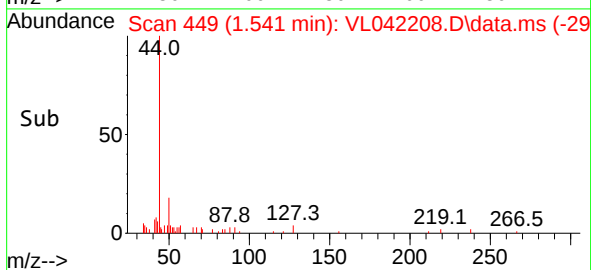
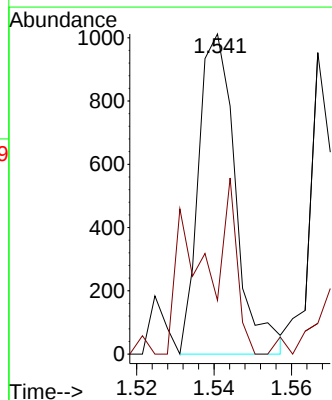
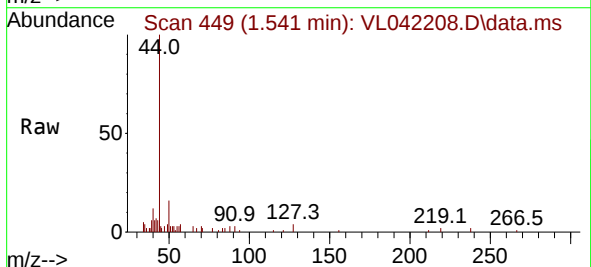
Instrument :
MSVOA_L
ClientSampleId :
SV2

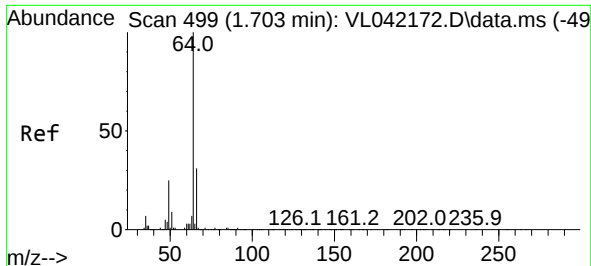
Tgt Ion: 51 Resp: 5713
Ion Ratio Lower Upper
51 100
67 8.6 15.0 22.6#



#4
Chloromethane
Concen: 0.060 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.010 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

Tgt Ion: 50 Resp: 672
Ion Ratio Lower Upper
50 100
52 6.5 26.1 39.1#

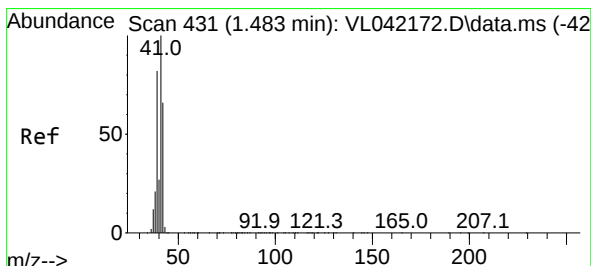
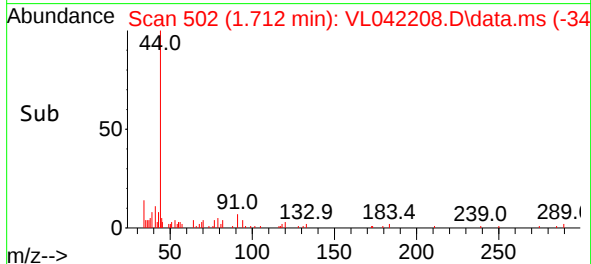
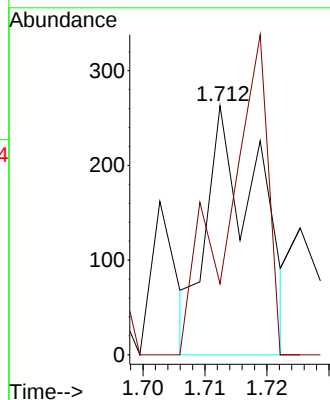
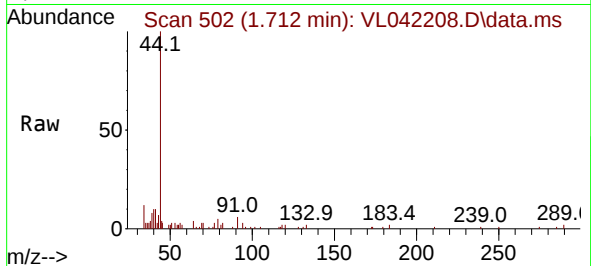




#7
Chloroethane
Concen: 0.034 ppbv
RT: 1.712 min Scan# 50
Delta R.T. 0.010 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

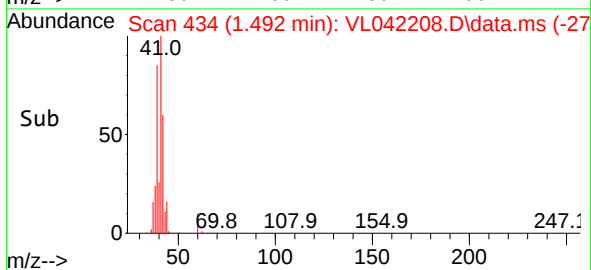
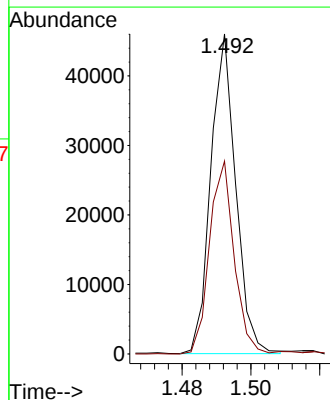
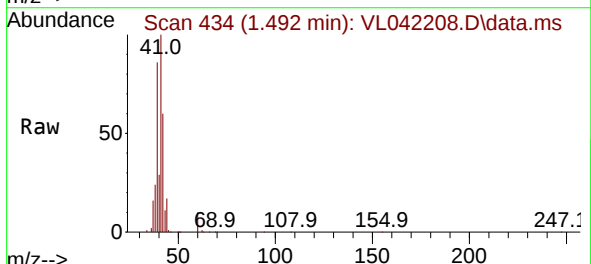
Instrument :
MSVOA_L
ClientSampleId :
SV2

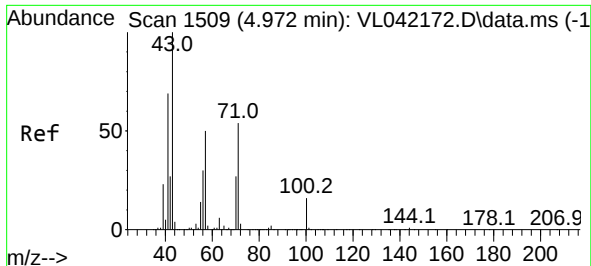
Tgt Ion: 64 Resp: 151
Ion Ratio Lower Upper
64 100
66 28.5 25.2 37.8



#9
Propene
Concen: 1.799 ppbv
RT: 1.492 min Scan# 434
Delta R.T. 0.010 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

Tgt Ion: 41 Resp: 23121
Ion Ratio Lower Upper
41 100
42 60.5 55.4 83.2

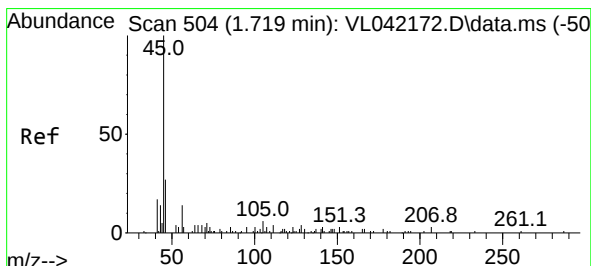
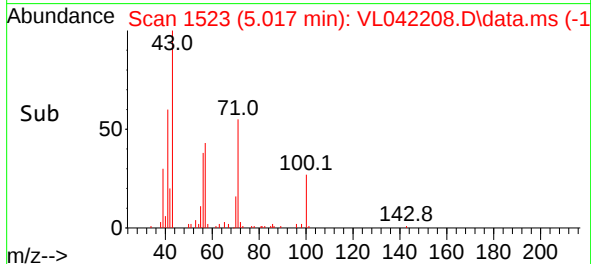
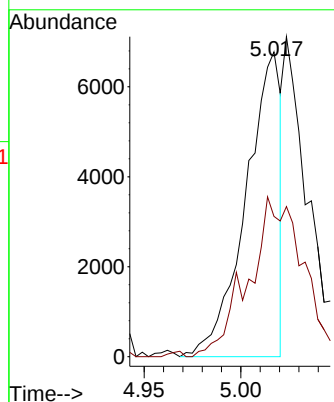
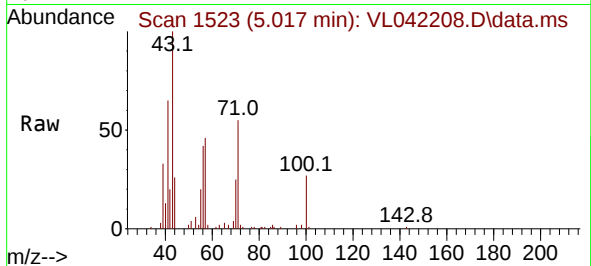




#10
Heptane
Concen: 0.248 ppbv
RT: 5.017 min Scan# 11
Delta R.T. 0.045 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

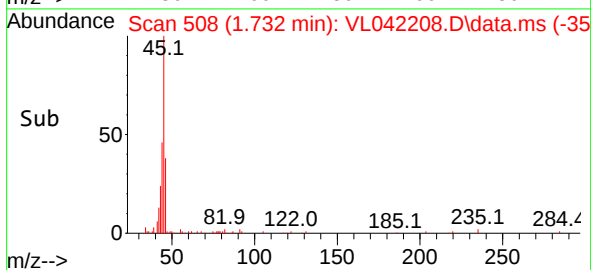
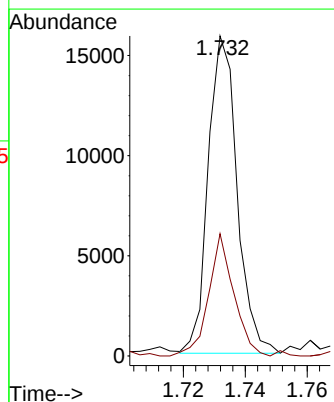
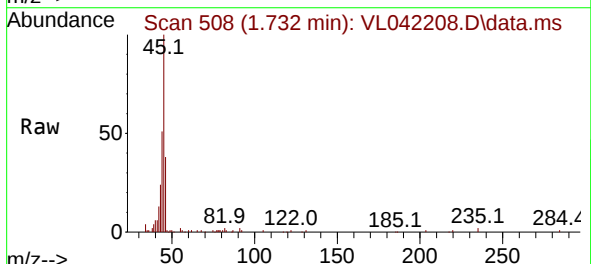
Instrument :
MSVOA_L
ClientSampleId :
SV2

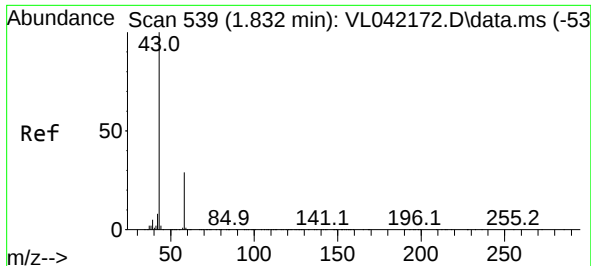
Tgt Ion: 43 Resp: 8492
Ion Ratio Lower Upper
43 100
57 83.3 39.4 59.2#



#13
Ethanol
Concen: 8.442 ppbv
RT: 1.732 min Scan# 508
Delta R.T. 0.013 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

Tgt Ion: 45 Resp: 10254
Ion Ratio Lower Upper
45 100
46 0.0 20.2 80.8#

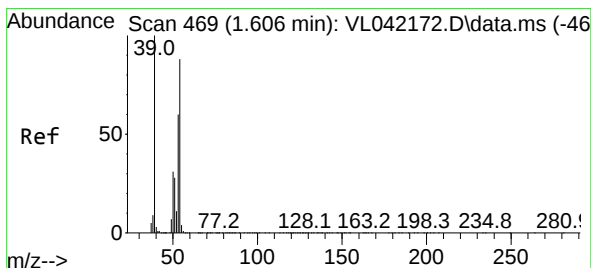
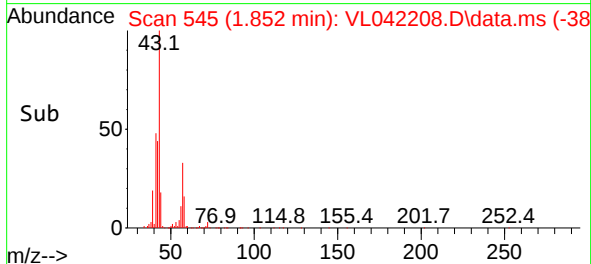
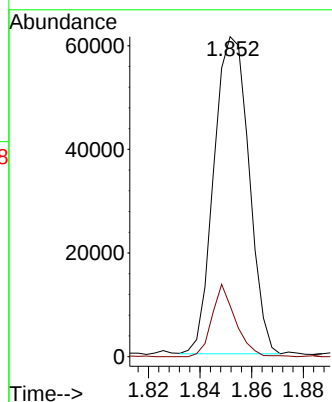
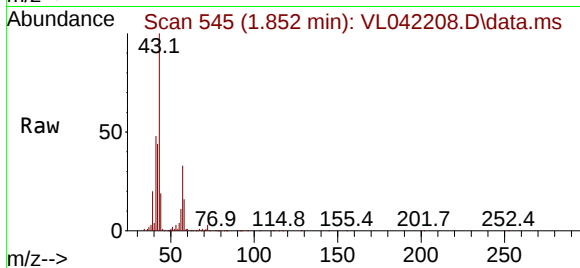




#15
Acetone
Concen: 2.222 ppbv
RT: 1.852 min Scan# 54
Delta R.T. 0.019 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

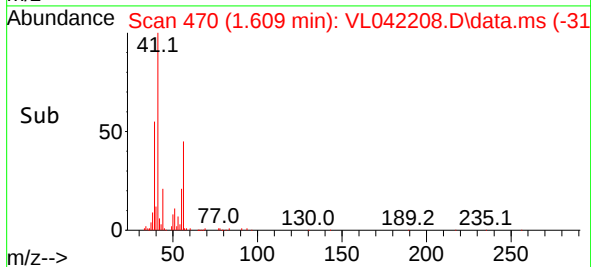
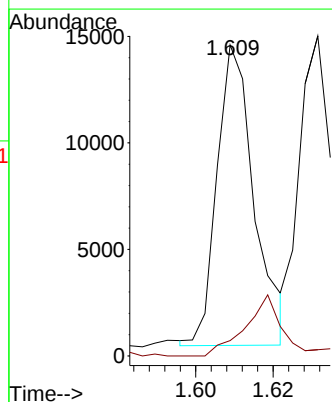
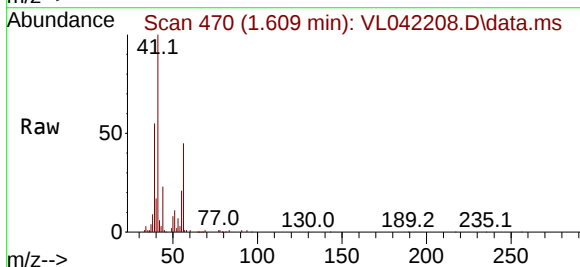
Instrument :
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ClientSampleId :
SV2

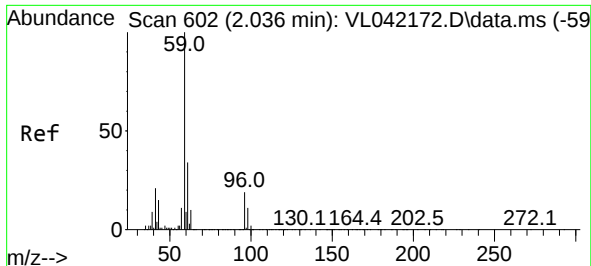
Tgt Ion: 43 Resp: 57758
Ion Ratio Lower Upper
43 100
58 15.7 23.2 34.8#



#16
1,3-Butadiene
Concen: 0.741 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

Tgt Ion: 39 Resp: 9400
Ion Ratio Lower Upper
39 100
54 24.7 60.7 91.1#





#17

tert-Butyl alcohol

Concen: 0.093 ppbv

RT: 2.056 min Scan# 60

Delta R.T. 0.019 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

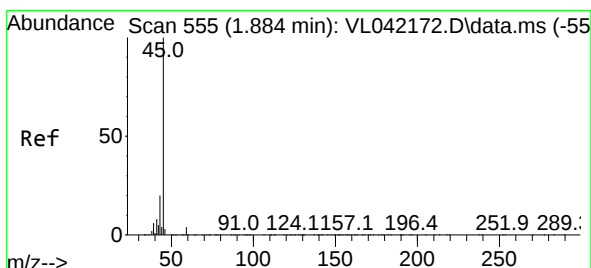
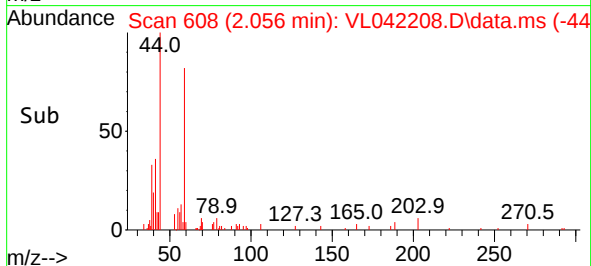
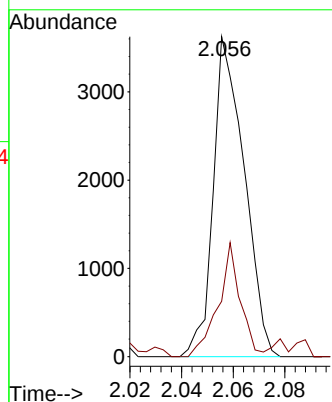
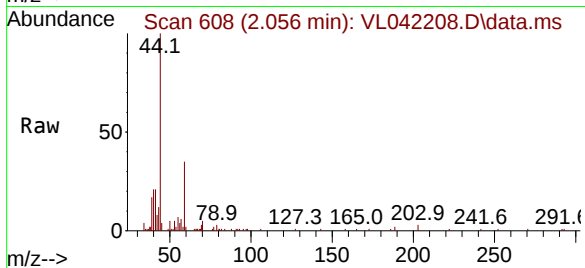
SV2

Tgt Ion: 59 Resp: 3025

Ion Ratio Lower Upper

59 100

57 30.0 8.9 13.3#



#19

Isopropyl Alcohol

Concen: 0.474 ppbv

RT: 1.900 min Scan# 560

Delta R.T. 0.016 min

Lab File: VL042208.D

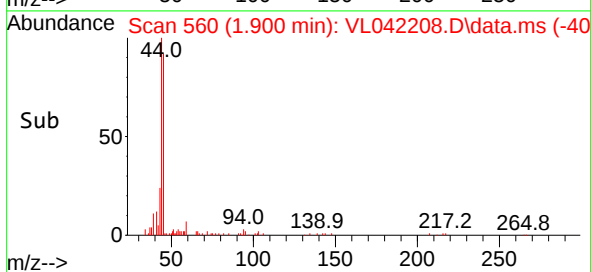
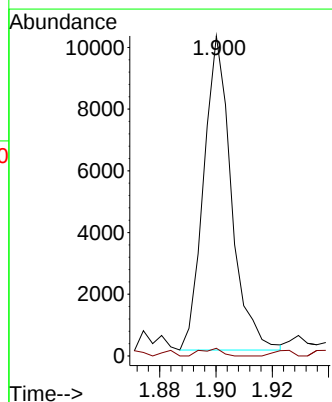
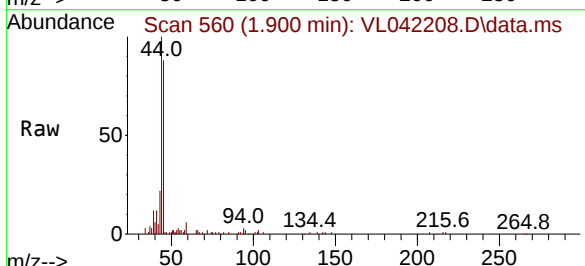
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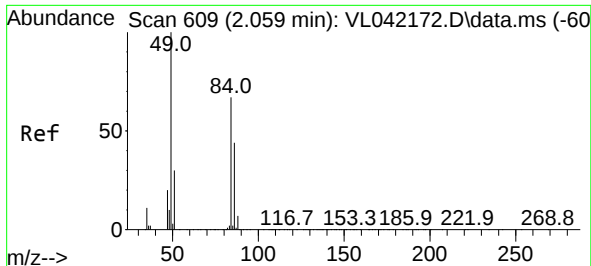
Tgt Ion: 45 Resp: 6949

Ion Ratio Lower Upper

45 100

58 130.3 36.9 55.3#





#20

Methylene Chloride

Concen: 0.598 ppbv

RT: 2.075 min Scan# 614

Delta R.T. 0.016 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

SV2

Tgt Ion: 84 Resp: 5788

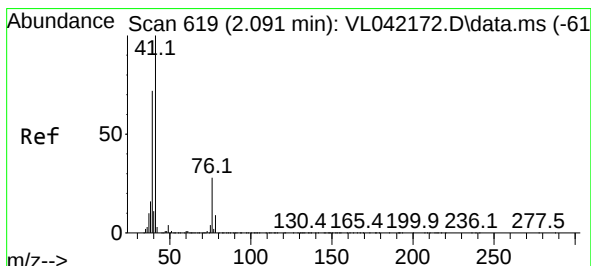
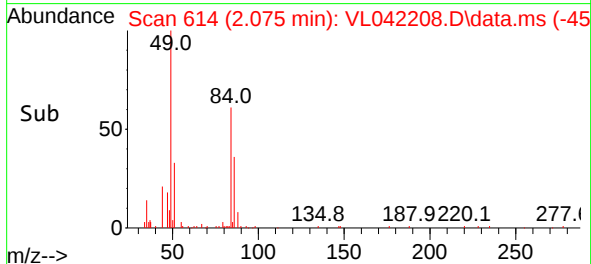
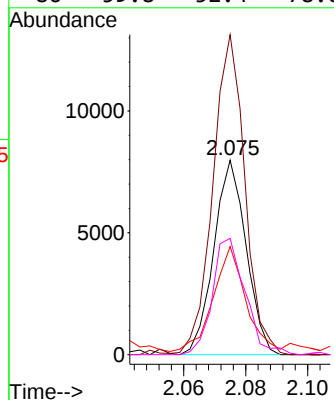
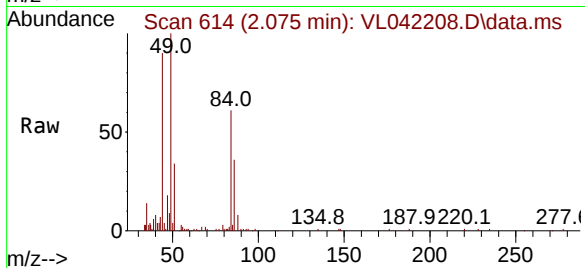
Ion Ratio Lower Upper

84 100

49 163.3 120.2 180.4

51 52.8 37.4 56.0

86 59.8 52.4 78.6



#21

Allyl Chloride

Concen: 0.080 ppbv

RT: 2.091 min Scan# 619

Delta R.T. -0.000 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

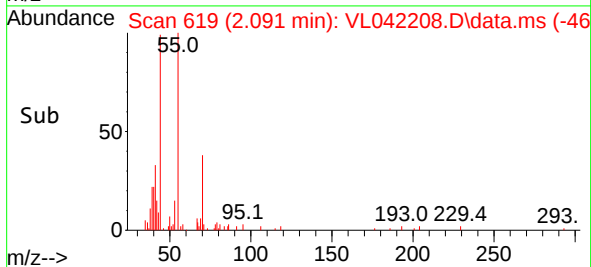
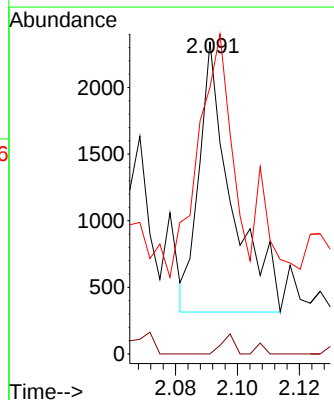
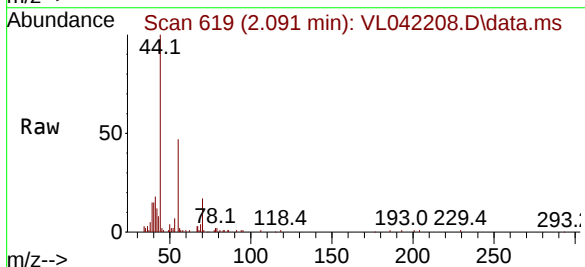
Tgt Ion: 41 Resp: 1471

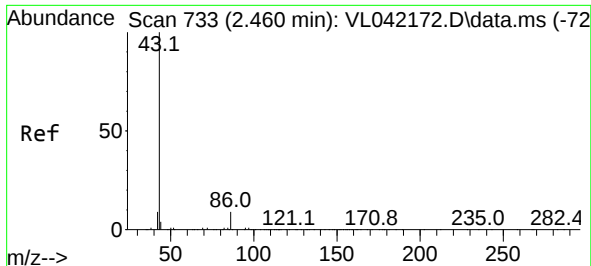
Ion Ratio Lower Upper

41 100

76 0.0 24.1 36.1#

39 109.1 61.1 91.7#

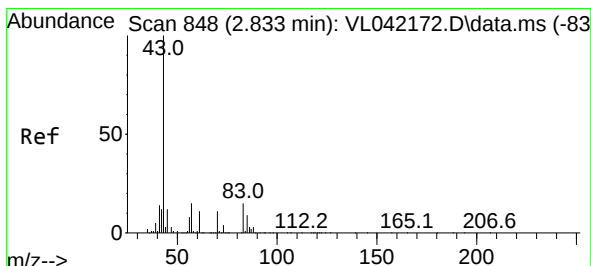
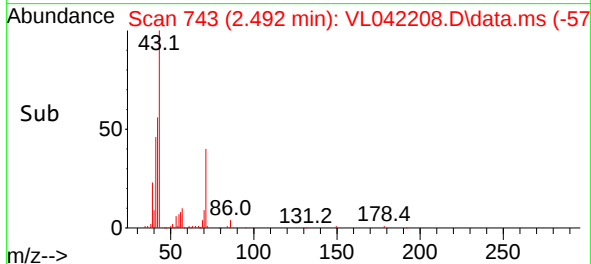
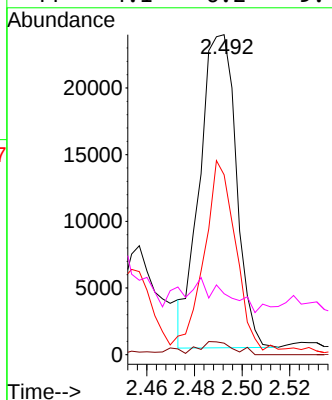
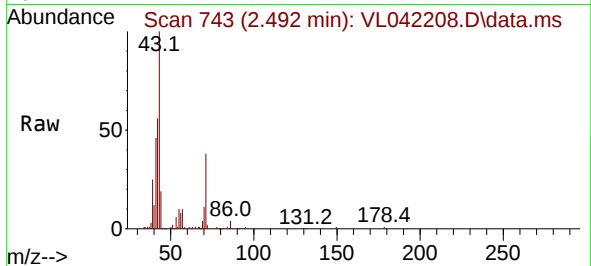




#23
Vinyl Acetate
Concen: 2.217 ppbv
RT: 2.492 min Scan# 741
Delta R.T. 0.032 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

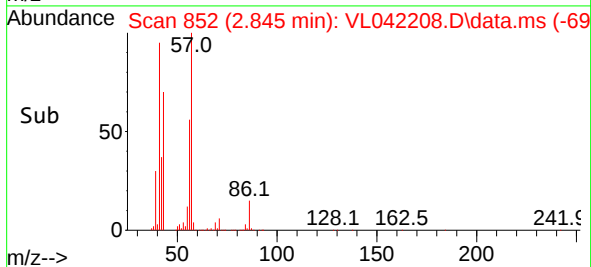
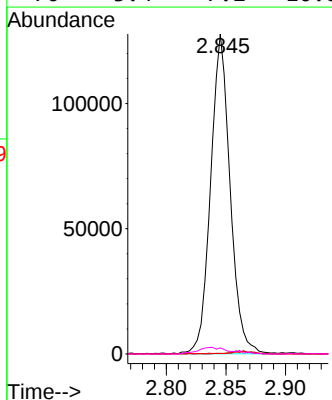
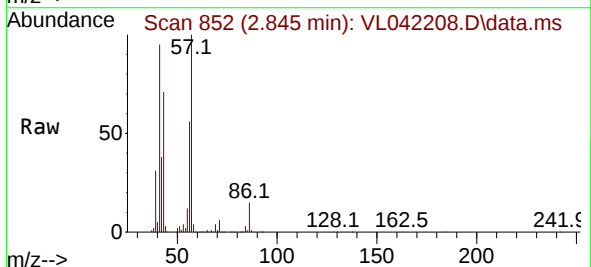
Instrument :
MSVOA_L
ClientSampleId :
SV2

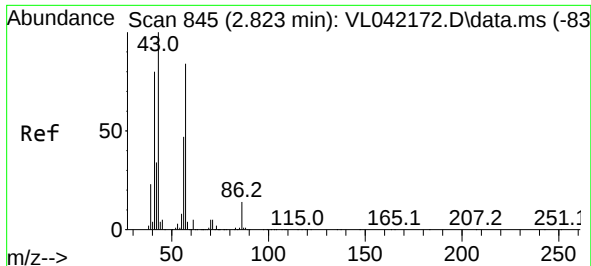
Tgt Ion: 43 Resp: 24938
Ion Ratio Lower Upper
43 100
86 3.7 5.5 8.3#
42 55.8 8.6 13.0#
44 4.1 6.2 9.4#



#25
Ethyl Acetate
Concen: 2.150 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.013 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

Tgt Ion: 43 Resp: 145034
Ion Ratio Lower Upper
43 100
45 1.1 8.2 12.2#
61 1.0 7.3 10.9#
70 3.4 7.2 10.8#

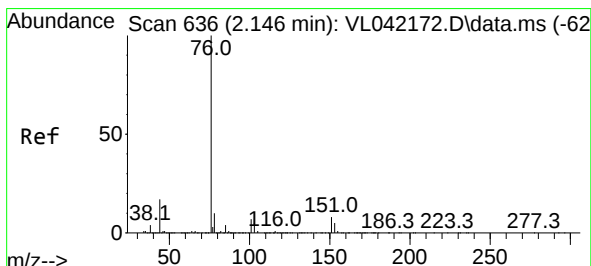
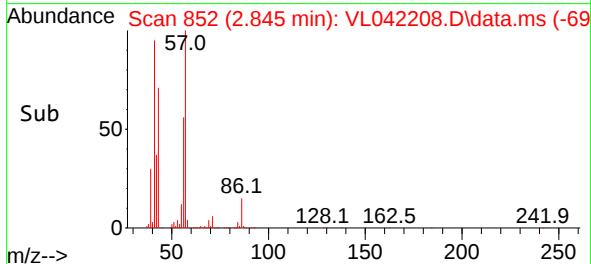
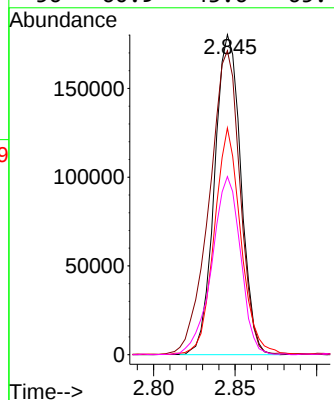
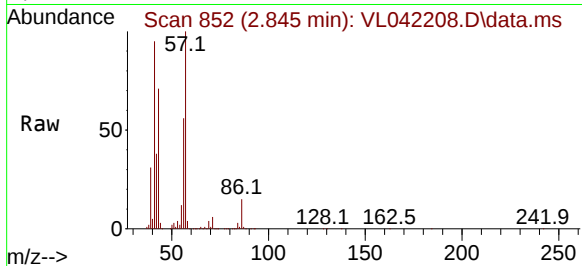




#26
Hexane
Concen: 7.761 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.022 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

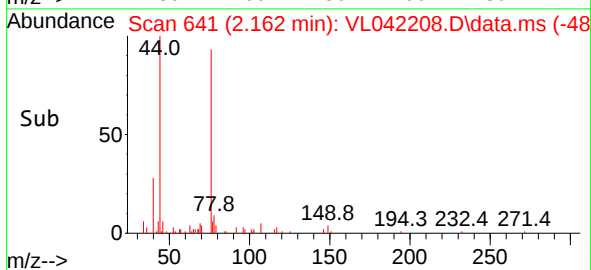
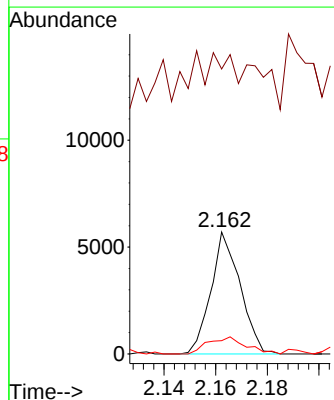
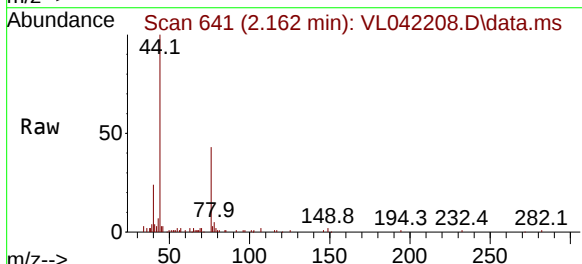
Instrument :
MSVOA_L
ClientSampleId :
SV2

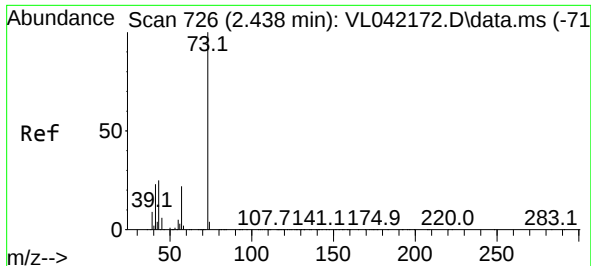
Tgt Ion: 57 Resp: 202226
Ion Ratio Lower Upper
57 100
41 110.9 76.6 114.8
43 72.4 207.8 311.8#
56 60.9 43.6 65.4



#27
Carbon Disulfide
Concen: 0.161 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.016 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

Tgt Ion: 76 Resp: 4488
Ion Ratio Lower Upper
76 100
44 778.6 14.7 22.1#
78 18.0 9.3 13.9#

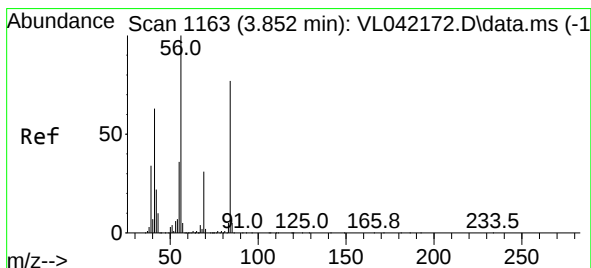
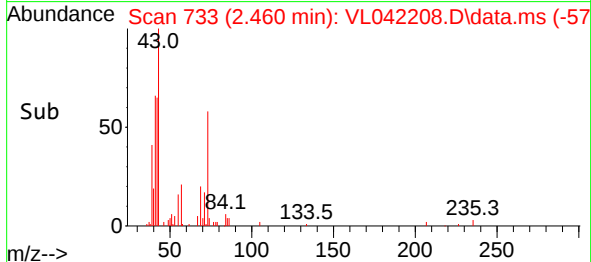
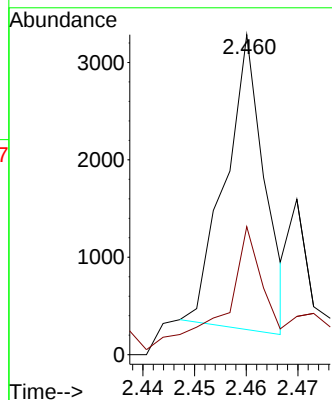
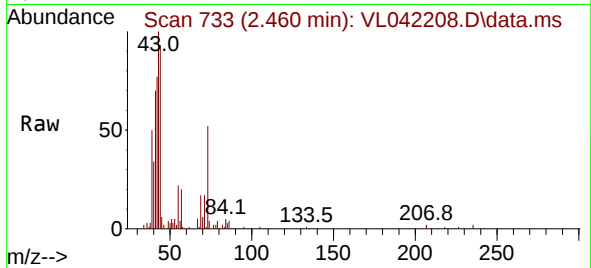




#28
Methyl tert-Butyl Ether
Concen: 0.098 ppbv
RT: 2.460 min Scan# 71
Delta R.T. 0.022 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

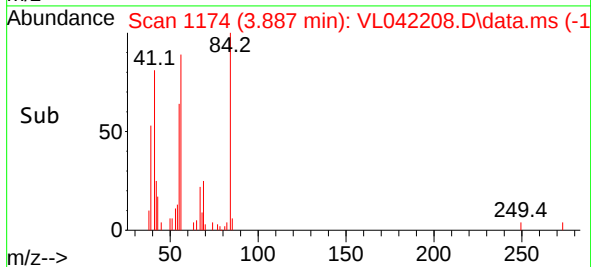
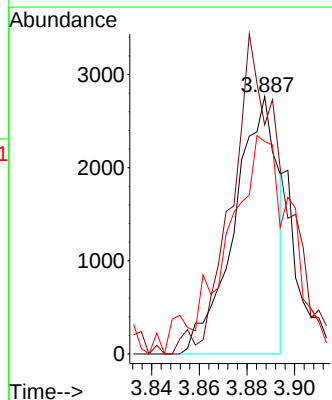
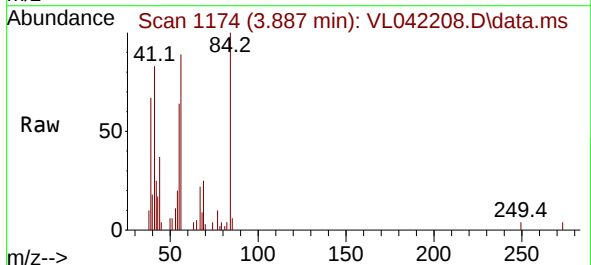
Instrument :
MSVOA_L
ClientSampleId :
SV2

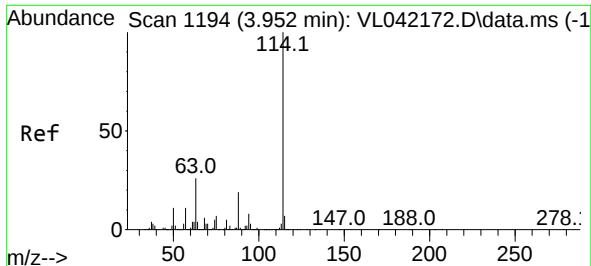
Tgt Ion: 73 Resp: 1590
Ion Ratio Lower Upper
73 100
57 0.0 20.5 30.7#



#30
Cyclohexane
Concen: 0.153 ppbv
RT: 3.887 min Scan# 1174
Delta R.T. 0.035 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

Tgt Ion: 84 Resp: 3460
Ion Ratio Lower Upper
84 100
56 152.2 102.8 154.2
41 137.1 66.5 99.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.988 min Scan# 11

Delta R.T. 0.035 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

SV2

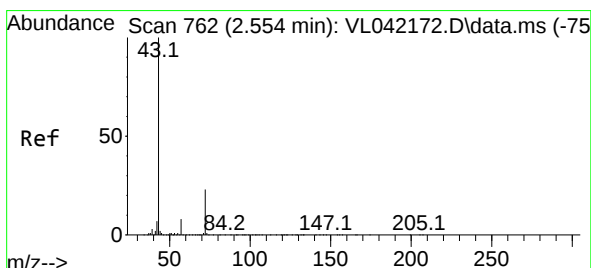
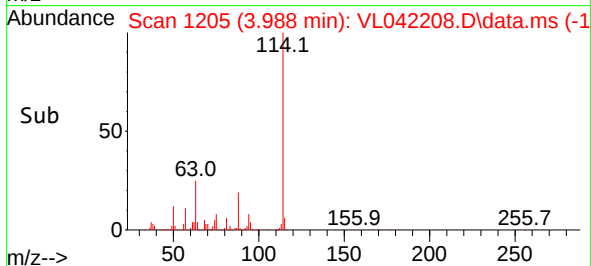
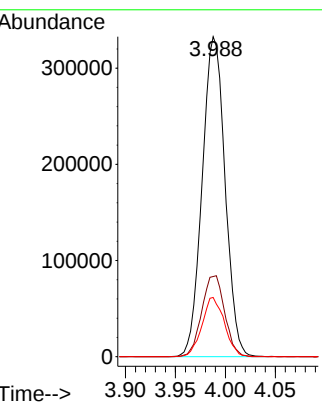
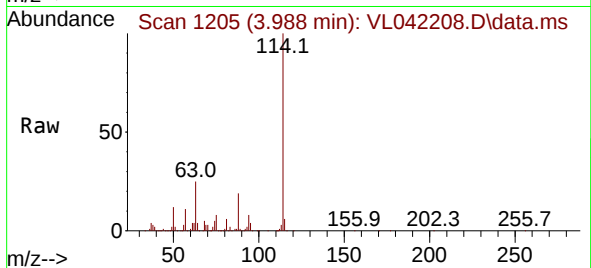
Tgt Ion:114 Resp: 529863

Ion Ratio Lower Upper

114 100

63 25.4 20.7 31.1

88 18.1 15.0 22.4



#34

2-Butanone

Concen: 0.182 ppbv

RT: 2.580 min Scan# 770

Delta R.T. 0.026 min

Lab File: VL042208.D

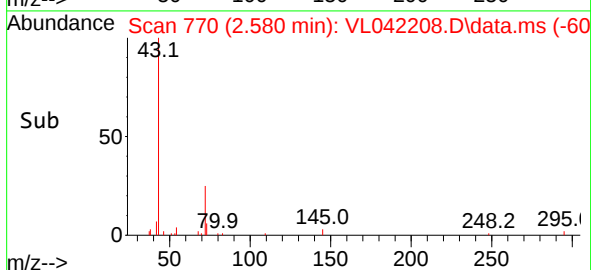
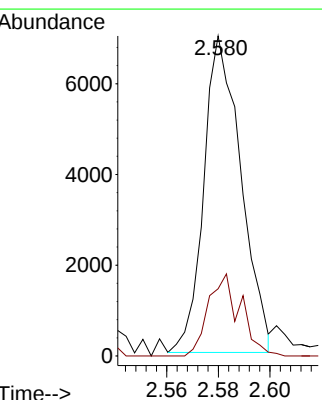
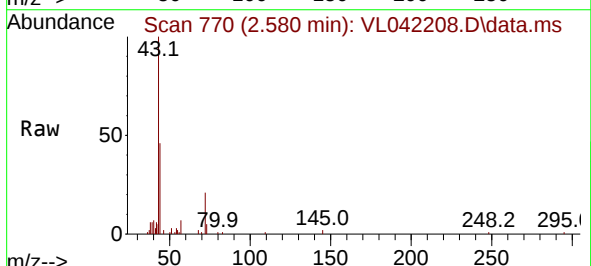
Acq: 31 Mar 2025 13:36

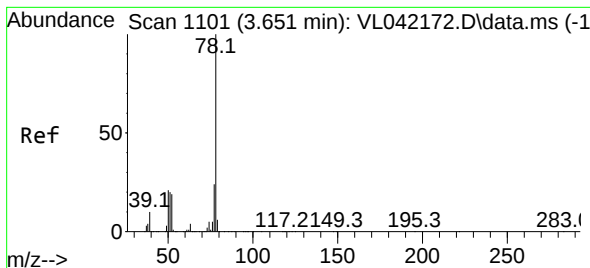
Tgt Ion: 43 Resp: 6987

Ion Ratio Lower Upper

43 100

72 22.5 18.2 27.2





#36

Benzene

Concen: 0.206 ppbv

RT: 3.684 min Scan# 1111

Delta R.T. 0.032 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

SV2

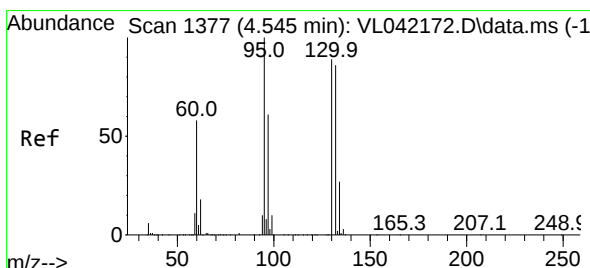
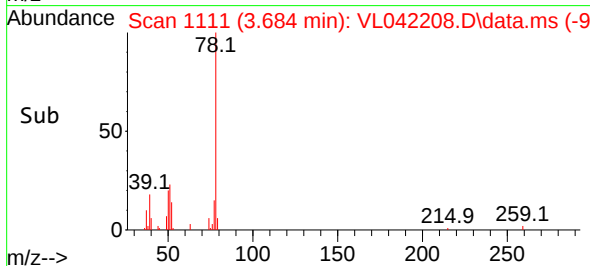
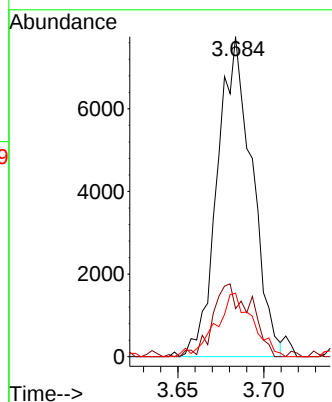
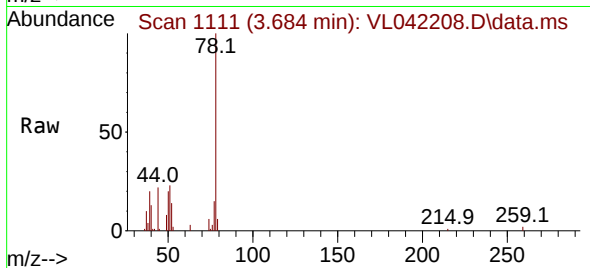
Tgt Ion: 78 Resp: 10828

Ion Ratio Lower Upper

78 100

77 15.0 19.1 28.7#

50 18.9 16.6 24.8



#38

Trichloroethene

Concen: 0.061 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. 0.039 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

Tgt Ion: 130 Resp: 1327

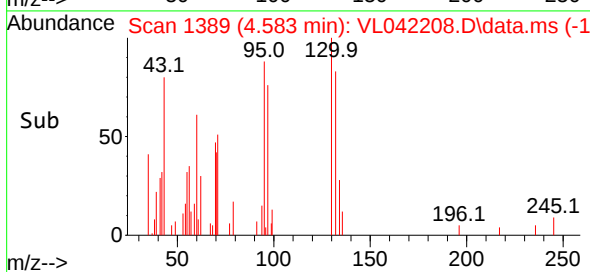
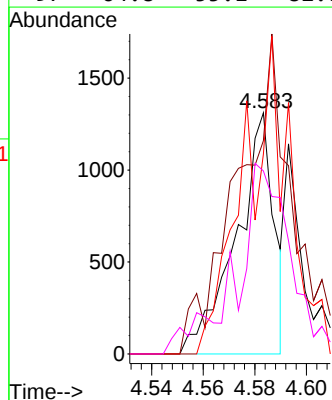
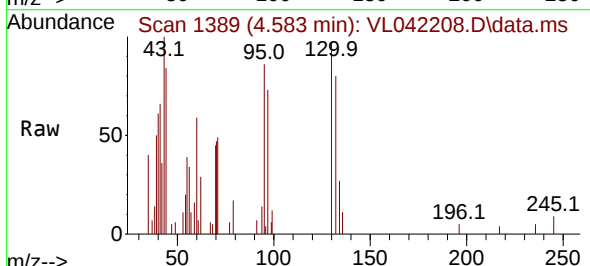
Ion Ratio Lower Upper

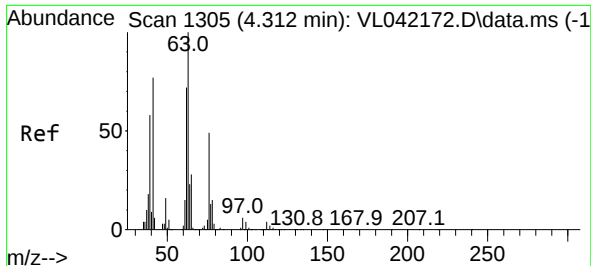
130 100

95 88.5 89.8 134.8#

132 82.9 77.4 116.2

97 64.8 55.1 82.7





#39

1,2-Dichloropropane

Concen: 7.032 ppbv

RT: 3.991 min Scan# 11

Delta R.T. -0.321 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

SV2

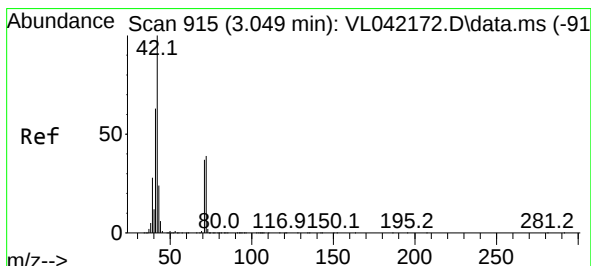
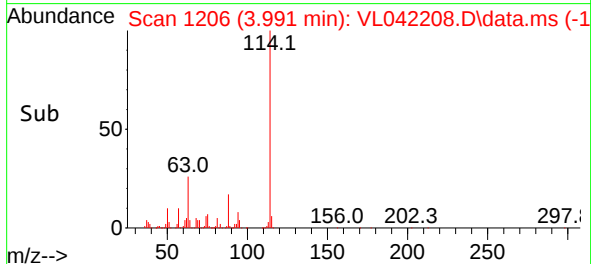
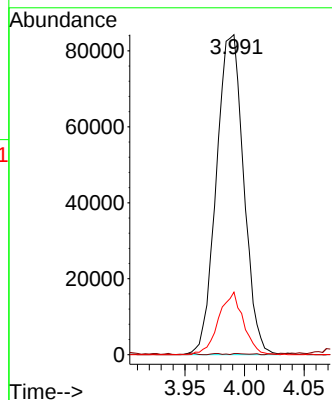
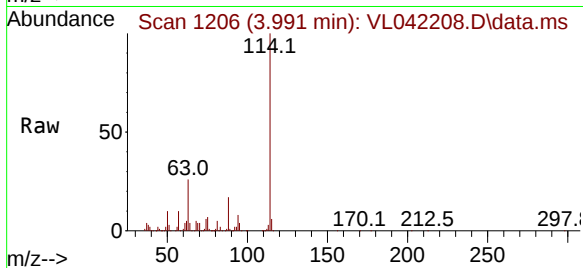
Tgt Ion: 63 Resp: 134527

Ion Ratio Lower Upper

63 100

41 0.2 61.7 92.5#

62 19.5 57.6 86.4#



#41

Tetrahydrofuran

Concen: 0.123 ppbv

RT: 3.253 min Scan# 978

Delta R.T. 0.204 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

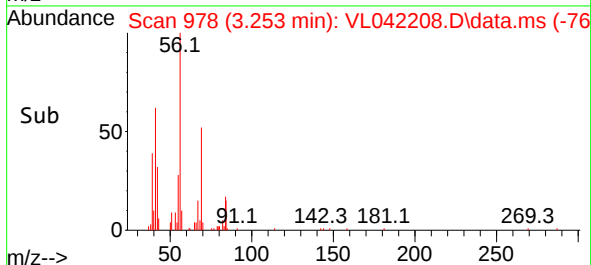
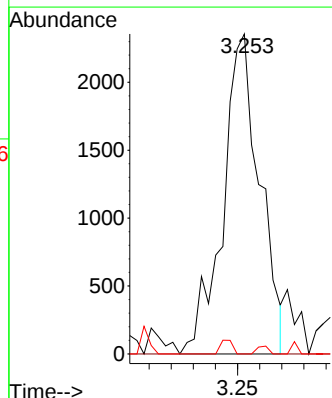
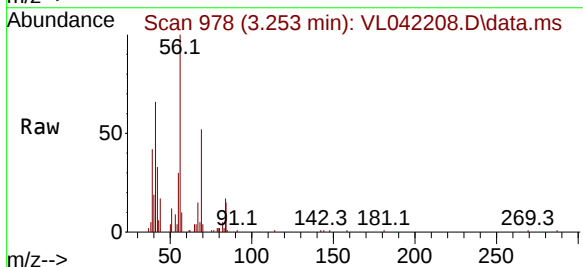
Tgt Ion: 42 Resp: 2722

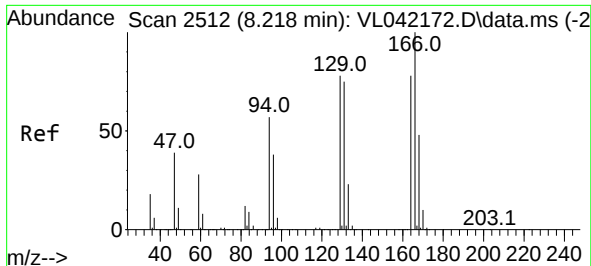
Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

71 0.0 30.2 45.4#

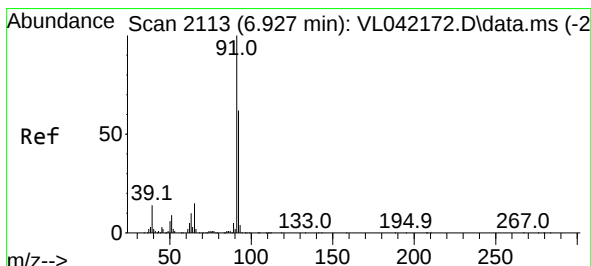
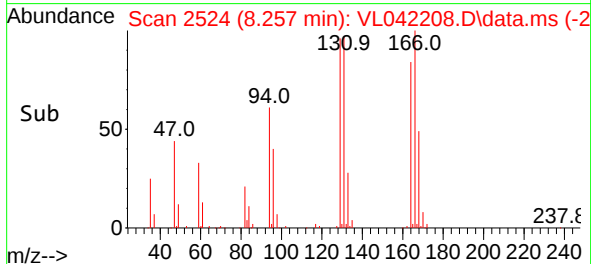
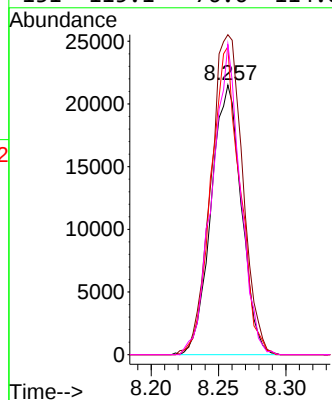
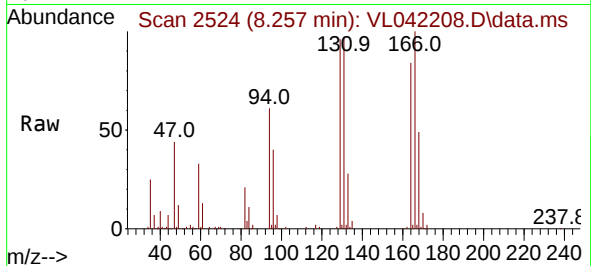




#52
Tetrachloroethene
Concen: 1.613 ppbv
RT: 8.257 min Scan# 2127
Delta R.T. 0.039 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

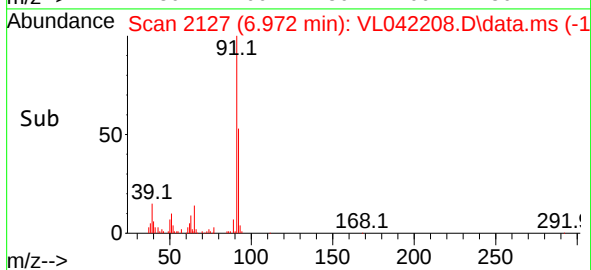
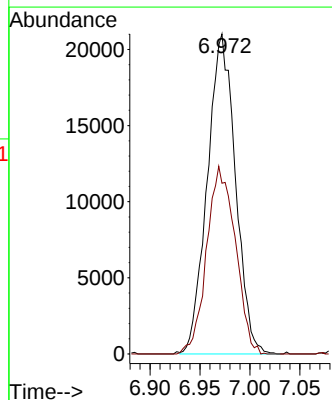
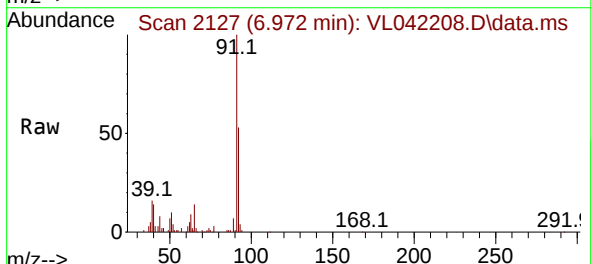
Instrument :
MSVOA_L
ClientSampleId :
SV2

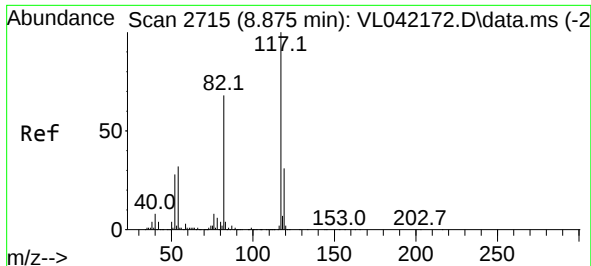
Tgt Ion:164 Resp: 33600
Ion Ratio Lower Upper
164 100
166 118.7 102.5 153.7
129 114.2 79.8 119.8
131 115.1 76.6 114.8#



#53
Toluene
Concen: 0.661 ppbv
RT: 6.972 min Scan# 2127
Delta R.T. 0.045 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

Tgt Ion: 91 Resp: 41185
Ion Ratio Lower Upper
91 100
92 59.6 48.4 72.6

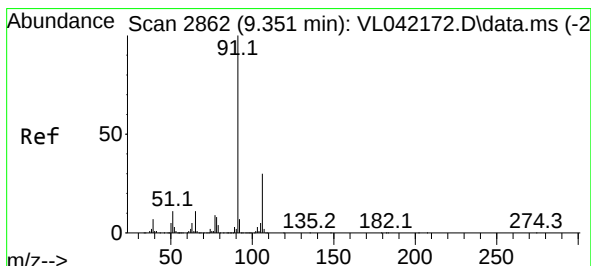
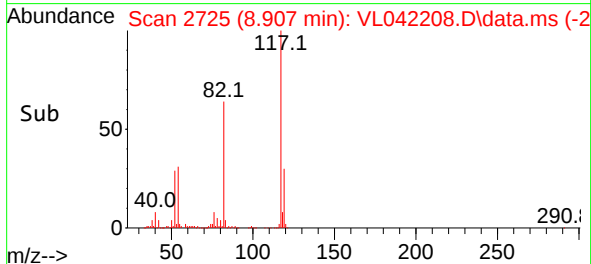
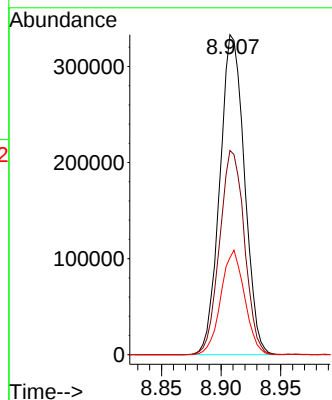
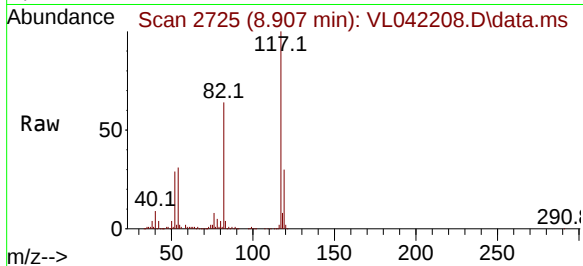




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.907 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

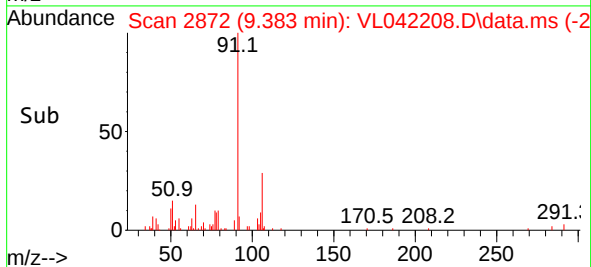
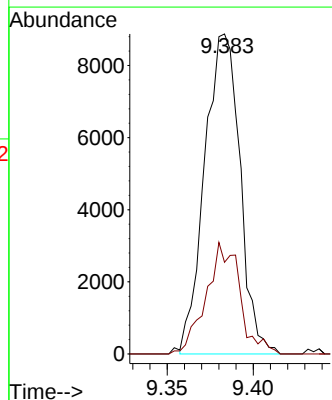
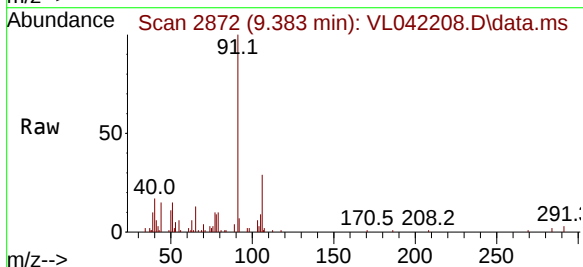
Instrument :
MSVOA_L
ClientSampleId :
SV2

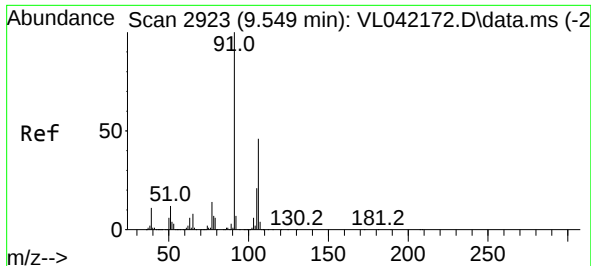
Tgt Ion:117 Resp: 478116
Ion Ratio Lower Upper
117 100
82 64.4 55.8 83.6
119 31.6 25.5 38.3



#58
Ethyl Benzene
Concen: 0.149 ppbv
RT: 9.383 min Scan# 2872
Delta R.T. 0.032 min
Lab File: VL042208.D
Acq: 31 Mar 2025 13:36

Tgt Ion: 91 Resp: 12675
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.2





#59

m/p-Xylene

Concen: 0.154 ppbv

RT: 9.577 min Scan# 29

Delta R.T. 0.029 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

Instrument :

MSVOA_1

ClientSampleId :

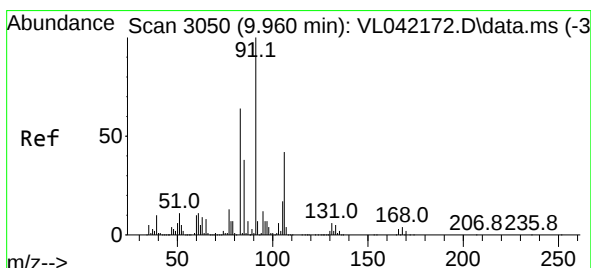
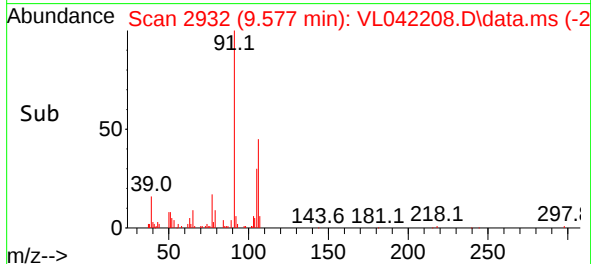
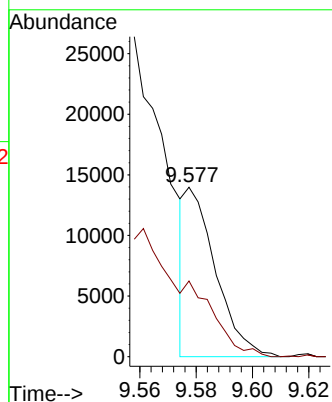
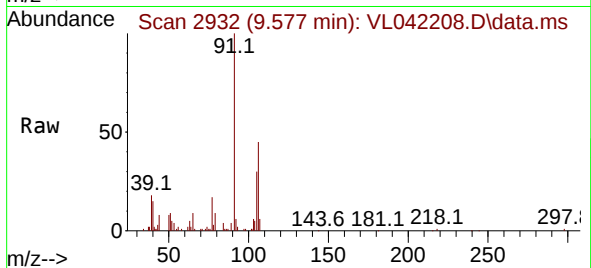
SV2

Tgt Ion: 91 Resp: 10428

Ion Ratio Lower Upper

91 100

106 0.0 36.4 54.6#



#60

o-Xylene

Concen: 0.282 ppbv

RT: 9.989 min Scan# 3059

Delta R.T. 0.029 min

Lab File: VL042208.D

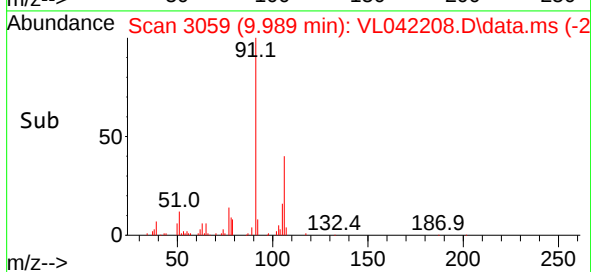
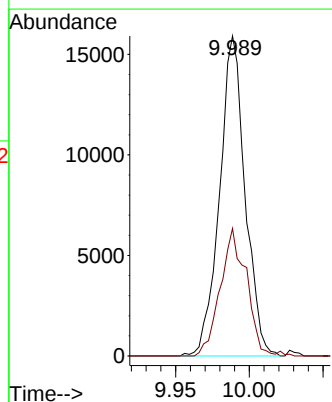
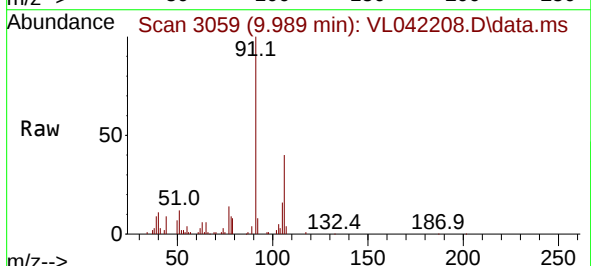
Acq: 31 Mar 2025 13:36

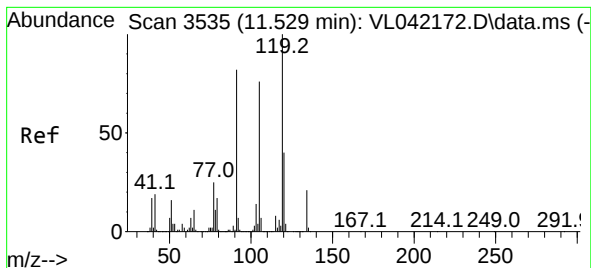
Tgt Ion: 91 Resp: 19197

Ion Ratio Lower Upper

91 100

106 41.0 20.8 62.5





#65

tert-Butylbenzene

Concen: 0.050 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. 0.026 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

SV2

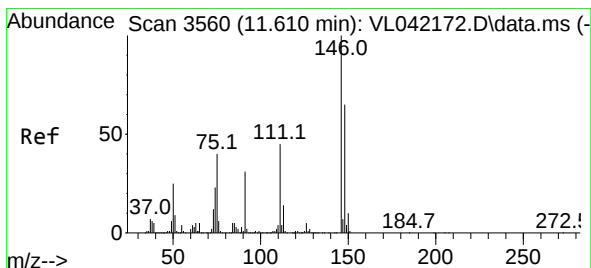
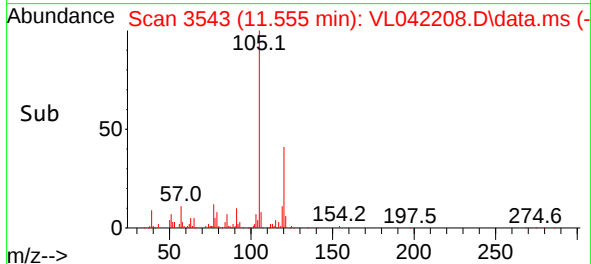
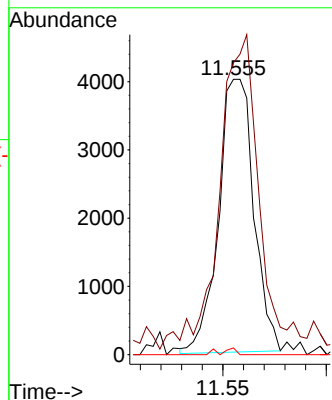
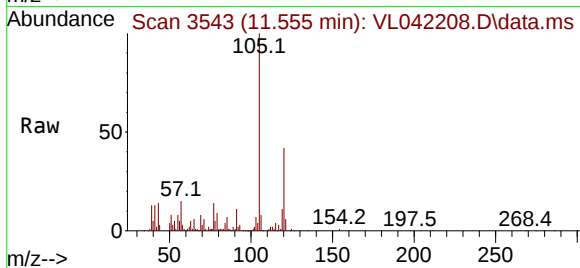
Tgt Ion:119 Resp: 4739

Ion Ratio Lower Upper

119 100

91 145.2 66.0 99.0#

134 0.0 16.7 25.1#



#66

Benzyl Chloride

Concen: 0.039 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.013 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

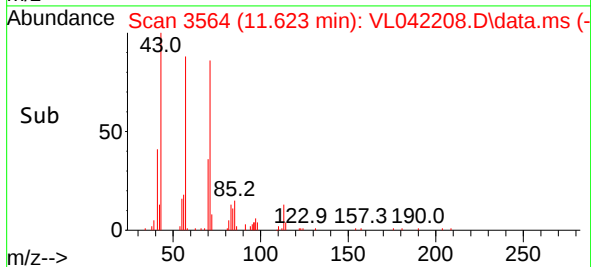
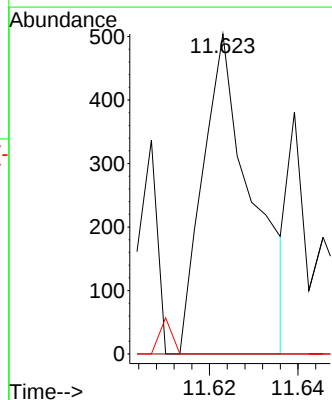
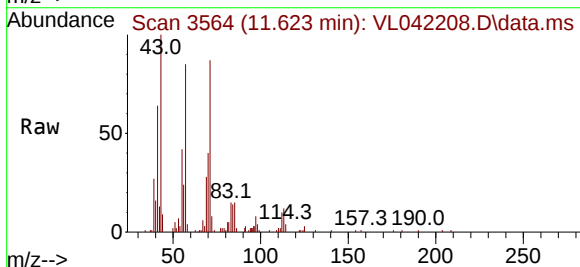
Tgt Ion: 91 Resp: 390

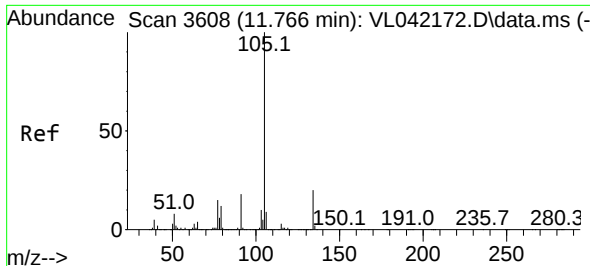
Ion Ratio Lower Upper

91 100

126 1021.8 13.8 20.6#

128 264.1 4.5 6.7#

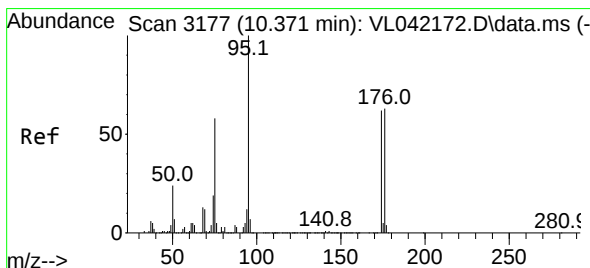
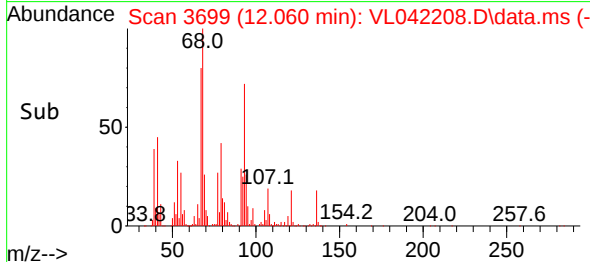
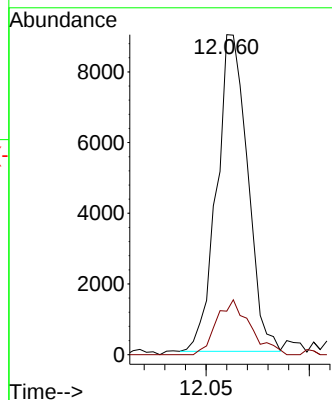
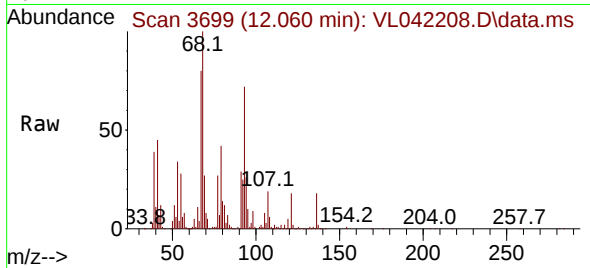




#67
 sec-Butylbenzene
 Concen: 0.071 ppbv
 RT: 12.060 min Scan# 3186
 Delta R.T. 0.294 min
 Lab File: VL042208.D
 Acq: 31 Mar 2025 13:36

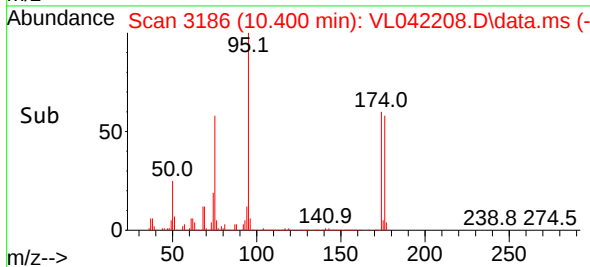
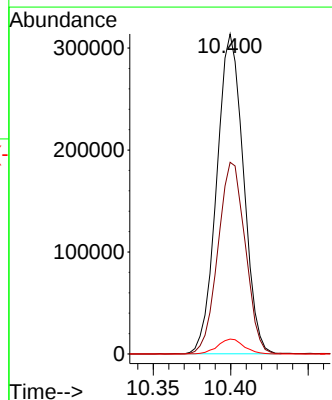
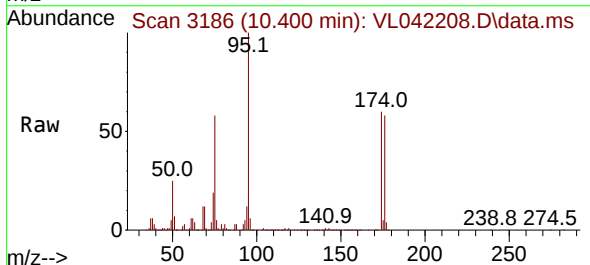
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

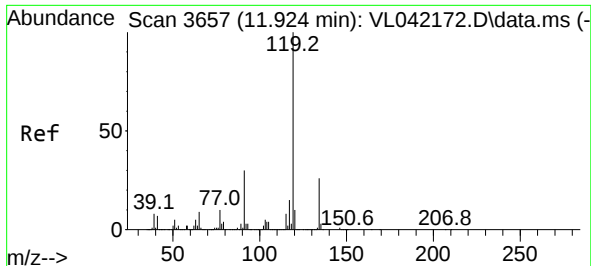
Tgt Ion:105 Resp: 9295
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.578 ppbv
 RT: 10.400 min Scan# 3186
 Delta R.T. 0.029 min
 Lab File: VL042208.D
 Acq: 31 Mar 2025 13:36

Tgt Ion: 95 Resp: 376053
 Ion Ratio Lower Upper
 95 100
 174 61.4 50.6 76.0
 175 4.6 3.8 5.6

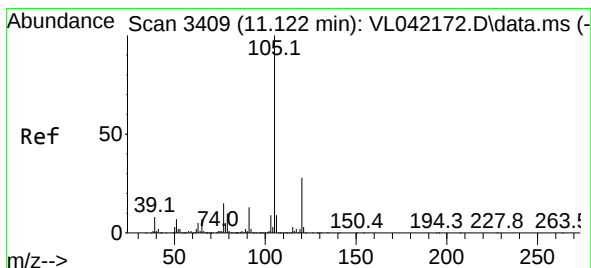
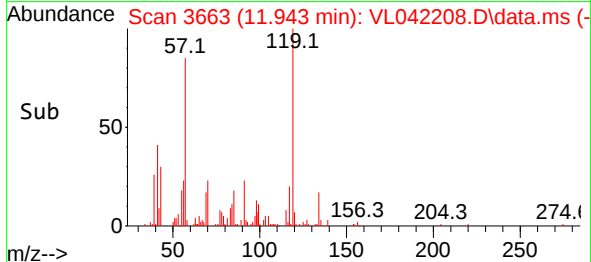
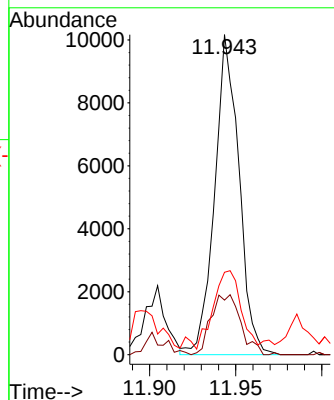
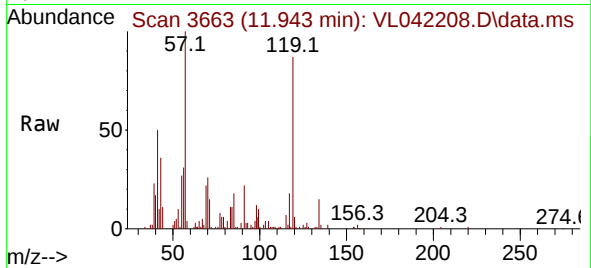




#69
 p-Isopropyltoluene
 Concen: 0.089 ppbv
 RT: 11.943 min Scan# 3416
 Delta R.T. 0.019 min
 Lab File: VL042208.D
 Acq: 31 Mar 2025 13:36

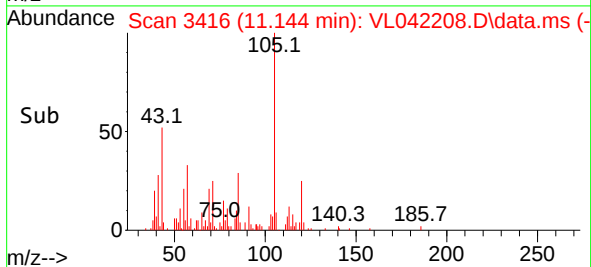
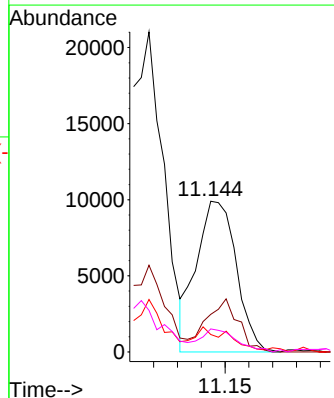
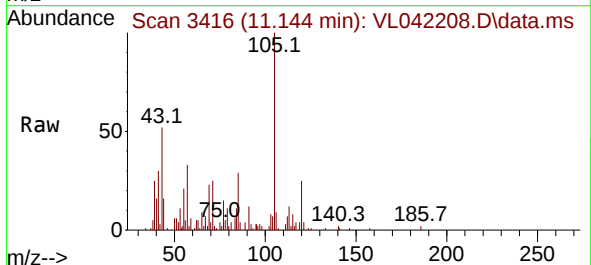
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

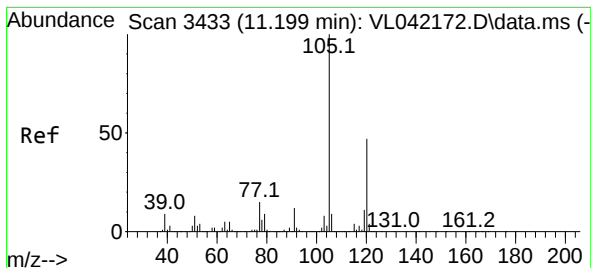
Tgt Ion:119 Resp: 9980
 Ion Ratio Lower Upper
 119 100
 134 22.9 20.4 30.6
 91 20.8 23.7 35.5#



#72
 4-Ethyltoluene
 Concen: 0.137 ppbv
 RT: 11.144 min Scan# 3416
 Delta R.T. 0.022 min
 Lab File: VL042208.D
 Acq: 31 Mar 2025 13:36

Tgt Ion:105 Resp: 11557
 Ion Ratio Lower Upper
 105 100
 120 28.2 23.4 35.0
 91 0.0 10.3 15.5#
 77 0.0 11.4 17.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.132 ppbv

RT: 11.228 min Scan# 3433

Delta R.T. 0.029 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

Instrument :

MSVOA_L

ClientSampleId :

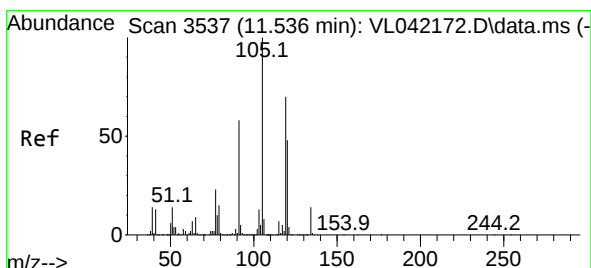
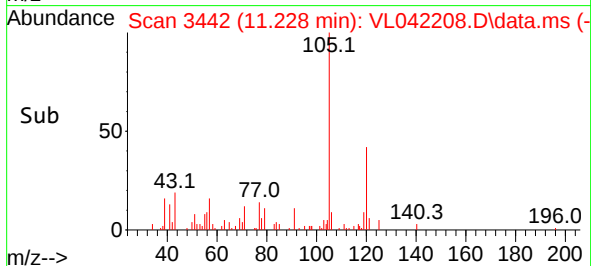
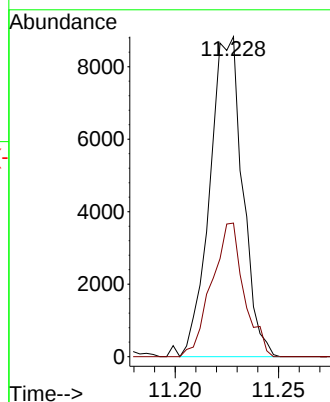
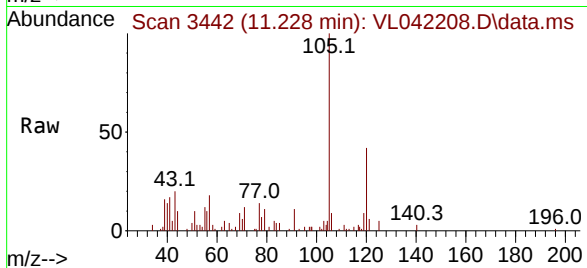
SV2

Tgt Ion:105 Resp: 9755

Ion Ratio Lower Upper

105 100

120 41.8 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 0.491 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. 0.019 min

Lab File: VL042208.D

Acq: 31 Mar 2025 13:36

Tgt Ion:105 Resp: 41806

Ion Ratio Lower Upper

105 100

120 41.7 38.6 58.0

91 10.3 46.2 69.2#

77 13.5 18.6 27.8#

