

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041967.D
 Acq On : 03 Feb 2025 16:35
 Operator : SY/MD
 Sample : Q1222-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 04 02:38:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	150093	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	411838	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	358723	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	281200	9.952	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.502	85	8300	0.406	ppbv #	85
3) Chlorodifluoromethane	1.480	51	12164	0.568	ppbv #	86
4) Chloromethane	1.535	50	3962	0.515	ppbv #	87
6) Bromomethane	1.667	94	113	0.030	ppbv #	6
9) Propene	1.564	41	48864	5.538	ppbv	94
10) Heptane	4.995	43	111593	4.732	ppbv	99
11) Trichlorofluoromethane	1.881	101	4572	0.215	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	926	0.056	ppbv #	81
13) Ethanol	1.726	45	507156	784.773	ppbv	89
15) Acetone	1.839	43	304441	16.888	ppbv	94
16) 1,3-Butadiene	1.603	39	2093	0.259	ppbv #	11
17) tert-Butyl alcohol	2.049	59	2370	0.107	ppbv #	73
19) Isopropyl Alcohol	1.891	45	262017	24.513	ppbv #	76
20) Methylene Chloride	2.069	84	2275	0.319	ppbv #	91
21) Allyl Chloride	2.082	41	1878	0.150	ppbv #	1
23) Vinyl Acetate	2.480	43	23878	2.672	ppbv #	53
25) Ethyl Acetate	2.845	43	13869	0.285	ppbv #	81
26) Hexane	2.832	57	14728	0.766	ppbv #	68
29) Chloroform	2.855	83	11281	0.371	ppbv	95
30) Cyclohexane	3.868	84	10115	0.607	ppbv #	90
34) 2-Butanone	2.567	43	38426	1.467	ppbv	100
35) Carbon Tetrachloride	3.774	117	818	0.032	ppbv #	84
36) Benzene	3.671	78	13894	0.368	ppbv #	92
37) 1,2-Dichloroethane	3.227	62	832	0.039	ppbv	98
39) 1,2-Dichloropropane	3.972	63	101145	7.634	ppbv #	21
41) Tetrahydrofuran	3.075	42	8618	0.605	ppbv	92
44) 2,2,4-Trimethylpentane	4.658	57	16221	0.265	ppbv #	53
51) 2-Hexanone	7.438	43	3064	0.112	ppbv #	47
52) Tetrachloroethene	8.238	164	626	0.048	ppbv #	73
53) Toluene	6.949	91	58221	1.415	ppbv	99
58) Ethyl Benzene	9.364	91	11254	0.201	ppbv #	78
59) m/p-Xylene	9.539	91	47247	1.051	ppbv	95
60) o-Xylene	9.972	91	18366	0.412	ppbv	98
61) Styrene	9.885	104	745	0.037	ppbv #	28
65) tert-Butylbenzene	11.545	119	2257	0.036	ppbv #	25
66) Benzyl Chloride	11.620	91	157	0.040	ppbv #	66
72) 4-Ethyltoluene	11.131	105	4225	0.079	ppbv #	58
73) 1,3,5-Trimethylbenzene	11.215	105	3503	0.074	ppbv	87
74) 1,2,4-Trimethylbenzene	11.545	105	18298	0.359	ppbv #	54
75) 1,3-Dichlorobenzene	11.678	146	2726	0.090	ppbv	94
76) 1,4-Dichlorobenzene	11.678	146	2726	0.092	ppbv	94
77) 1,2-Dichlorobenzene	11.678	146	2726	0.091	ppbv	95
79) Naphthalene	13.520	128	2520	0.049	ppbv #	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
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Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

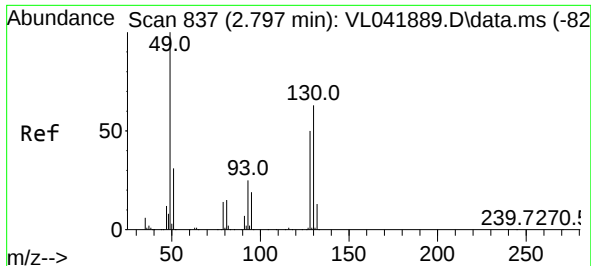
Quant Time: Feb 04 02:38:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

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

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

Quant Time: Feb 04 02:38:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
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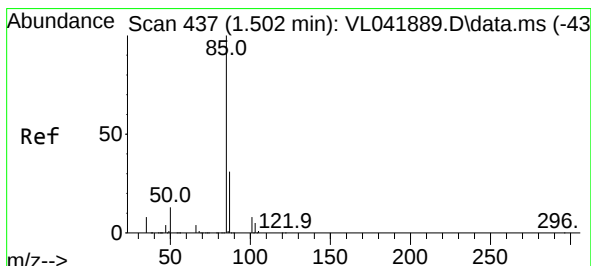
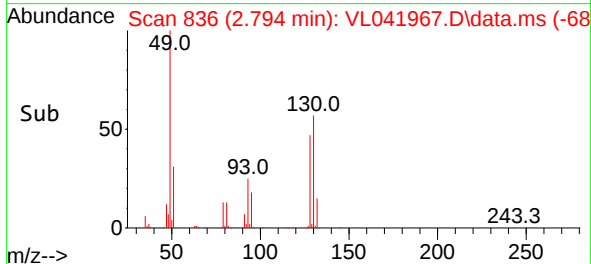
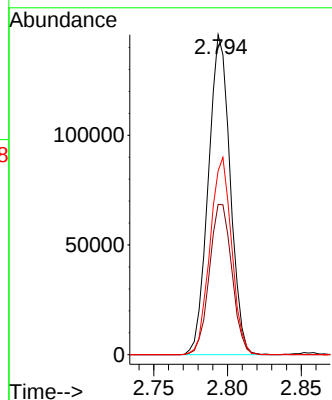
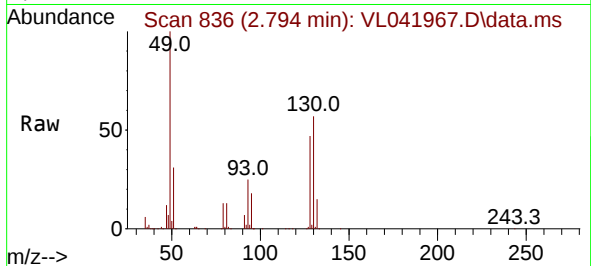




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.794 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041967.D
 Acq: 03 Feb 2025 16:35

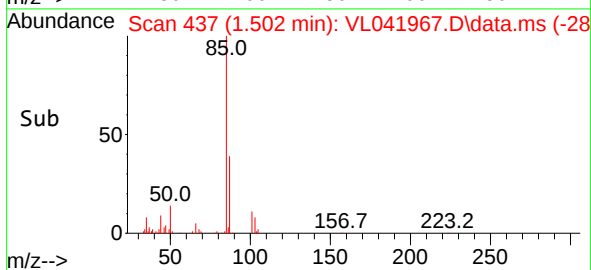
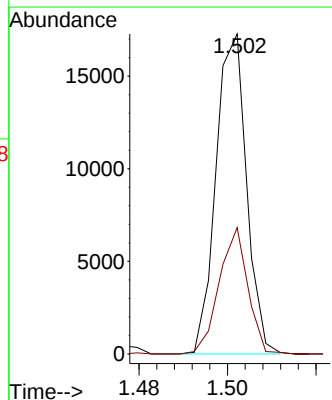
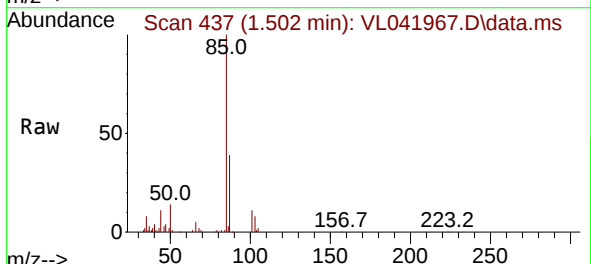
Instrument :
 MSVOA_L
 ClientSampleId :

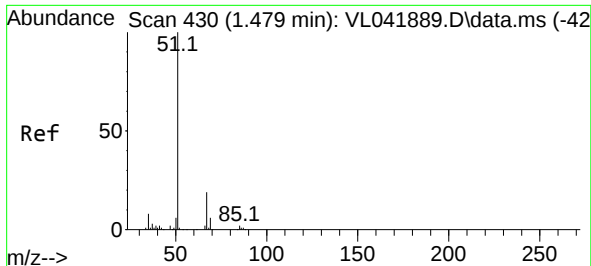
Tgt Ion: 49 Resp: 150093
 Ion Ratio Lower Upper
 49 100
 128 48.4 24.3 73.0
 130 61.1 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 0.406 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.000 min
 Lab File: VL041967.D
 Acq: 03 Feb 2025 16:35

Tgt Ion: 85 Resp: 8300
 Ion Ratio Lower Upper
 85 100
 87 39.5 24.9 37.3#

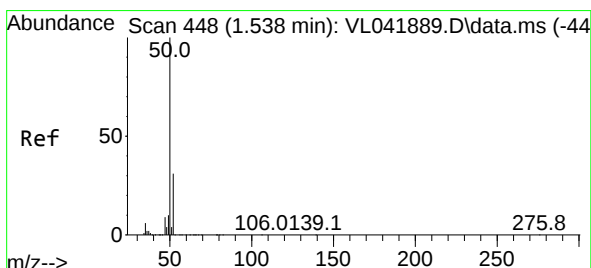
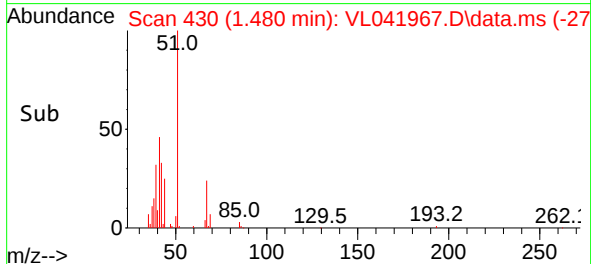
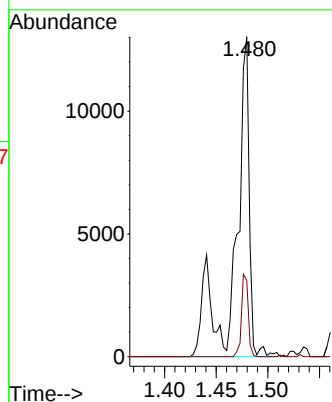
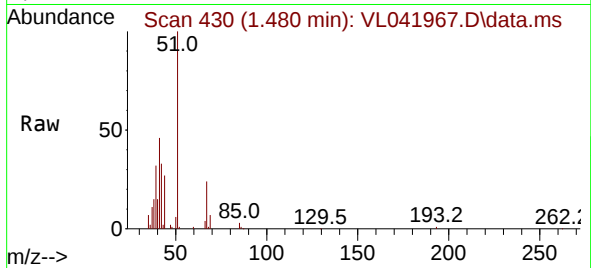




#3
Chlorodifluoromethane
Concen: 0.568 ppbv
RT: 1.480 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

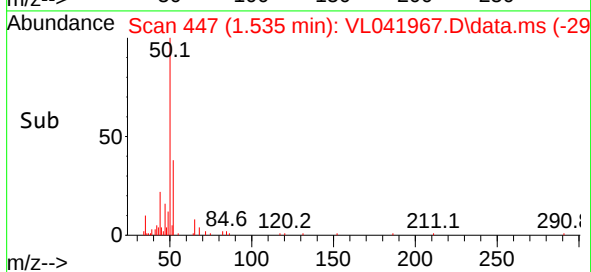
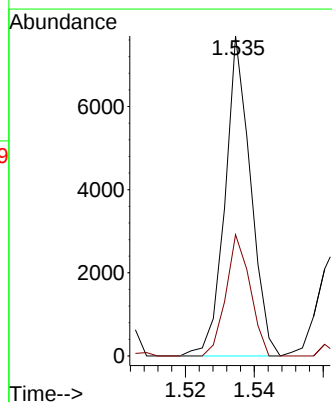
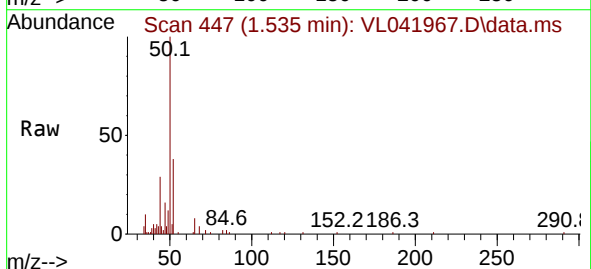
Instrument :
MSVOA_L
ClientSampleId :

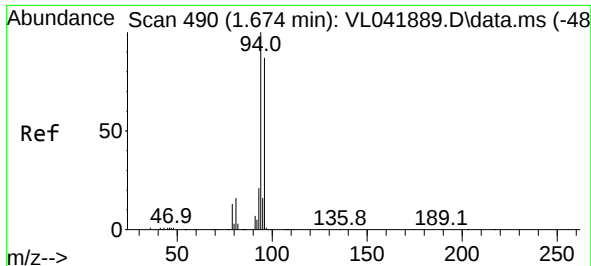
Tgt Ion: 51 Resp: 12164
Ion Ratio Lower Upper
51 100
67 12.4 15.0 22.4#



#4
Chloromethane
Concen: 0.515 ppbv
RT: 1.535 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Tgt Ion: 50 Resp: 3962
Ion Ratio Lower Upper
50 100
52 37.9 24.6 36.8#

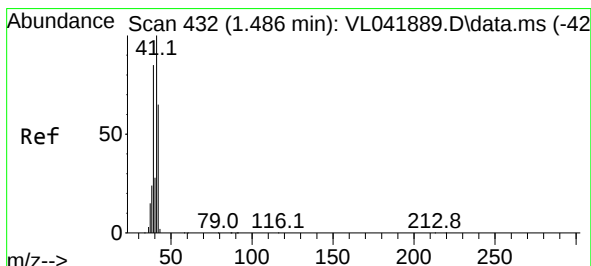
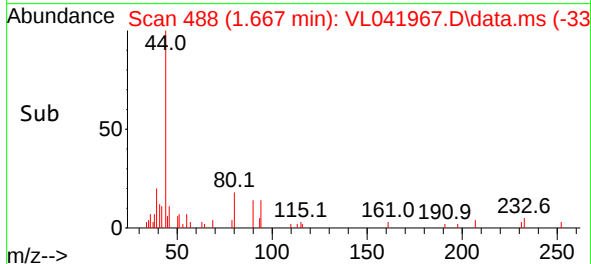
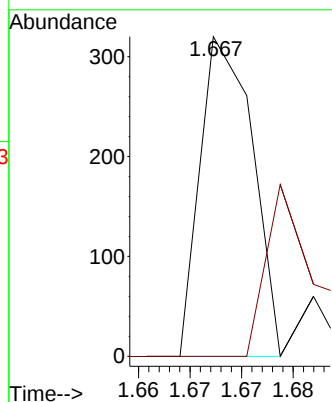
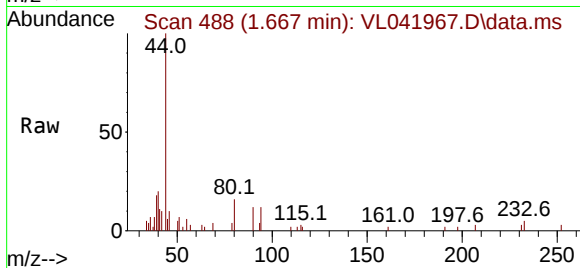




#6
Bromomethane
Concen: 0.030 ppbv
RT: 1.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

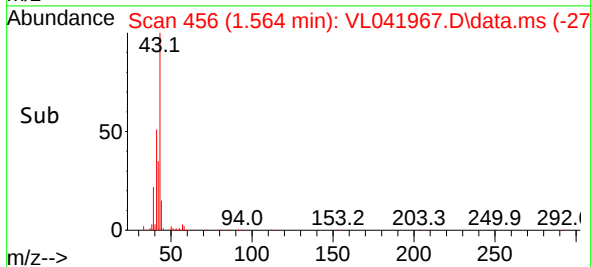
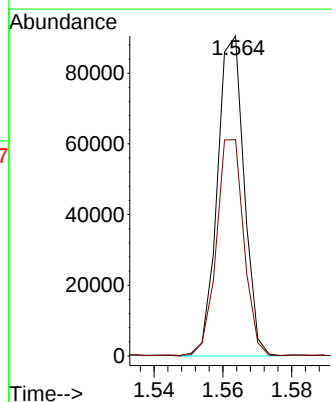
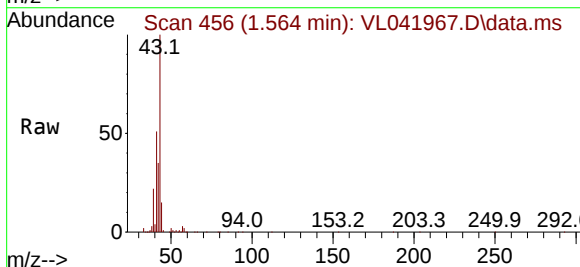
Instrument :
MSVOA_L
ClientSampleId :

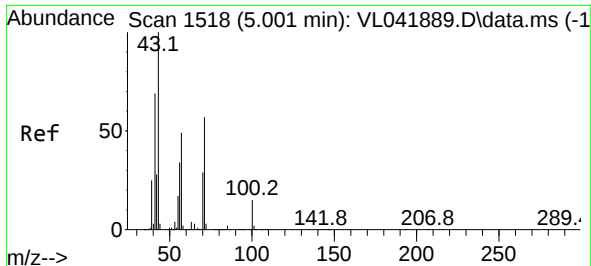
Tgt Ion: 94 Resp: 113
Ion Ratio Lower Upper
94 100
96 0.0 69.5 104.3#



#9
Propene
Concen: 5.538 ppbv
RT: 1.564 min Scan# 456
Delta R.T. 0.078 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Tgt Ion: 41 Resp: 48864
Ion Ratio Lower Upper
41 100
42 69.8 52.0 78.0

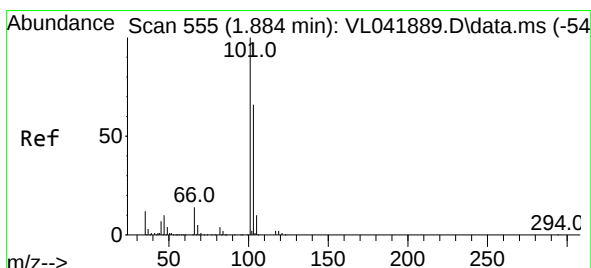
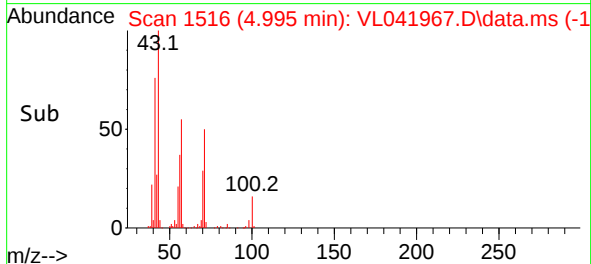
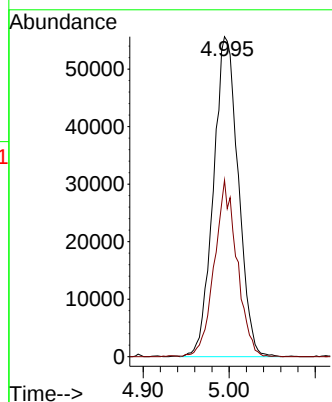
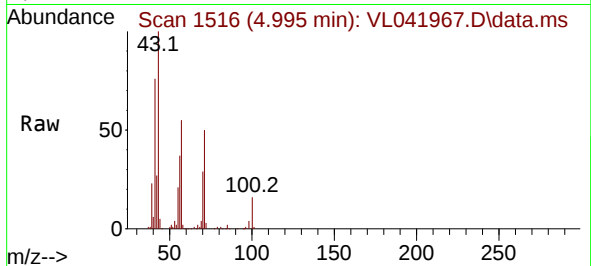




#10
Heptane
Concen: 4.732 ppbv
RT: 4.995 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

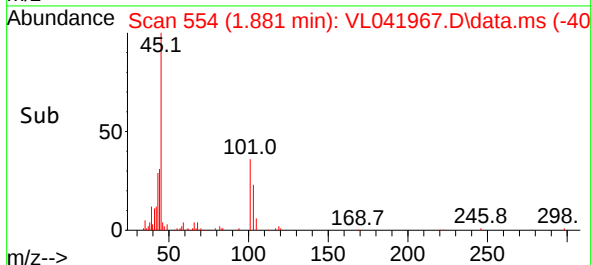
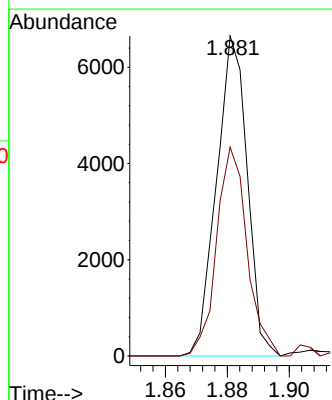
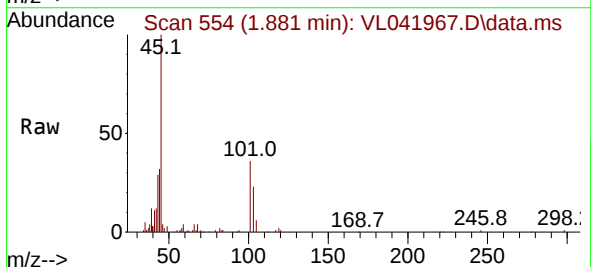
Instrument :
MSVOA_L
ClientSampleId :

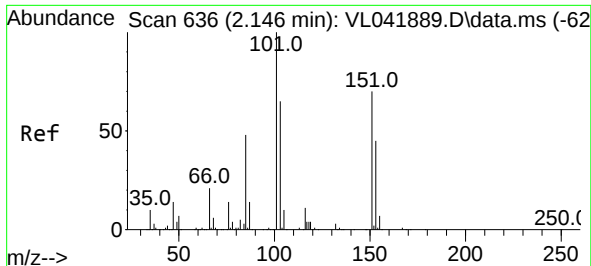
Tgt Ion: 43 Resp: 111593
Ion Ratio Lower Upper
43 100
57 50.4 41.0 61.4



#11
Trichlorofluoromethane
Concen: 0.215 ppbv
RT: 1.881 min Scan# 554
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Tgt Ion:101 Resp: 4572
Ion Ratio Lower Upper
101 100
103 65.3 53.1 79.7





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.056 ppbv

RT: 2.143 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

Instrument :

MSVOA_L

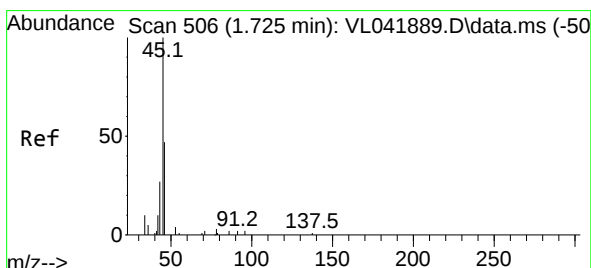
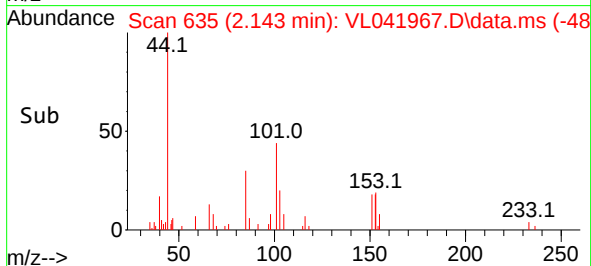
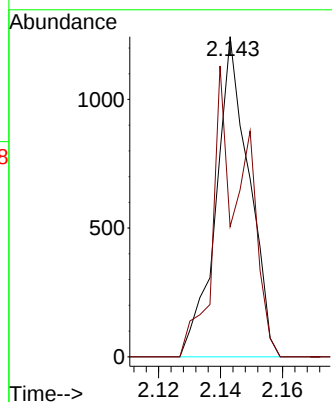
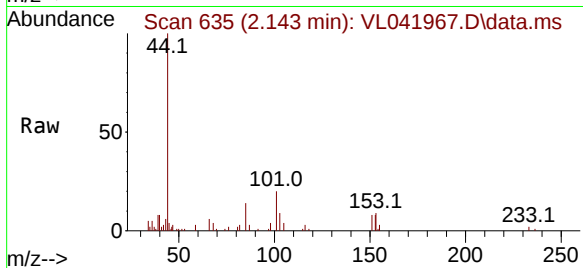
ClientSampleId :

Tgt Ion:101 Resp: 926

Ion Ratio Lower Upper

101 100

151 85.4 56.1 84.1#



#13

Ethanol

Concen: 784.773 ppbv

RT: 1.726 min Scan# 506

Delta R.T. 0.000 min

Lab File: VL041967.D

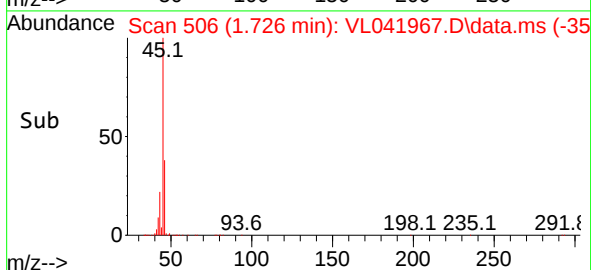
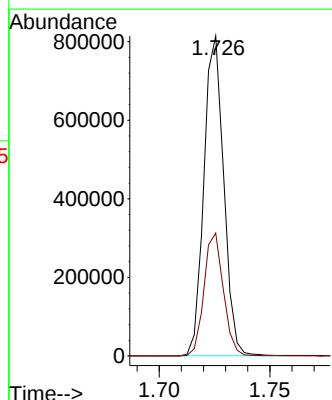
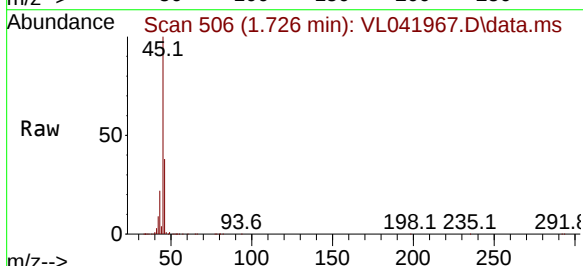
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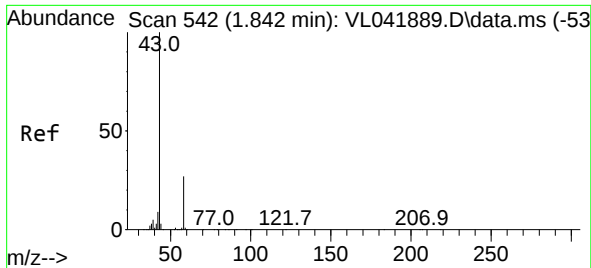
Tgt Ion: 45 Resp: 507156

Ion Ratio Lower Upper

45 100

46 37.9 18.1 72.5





#15

Acetone

Concen: 16.888 ppbv

RT: 1.839 min Scan# 54

Delta R.T. -0.003 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

Instrument :

MSVOA_L

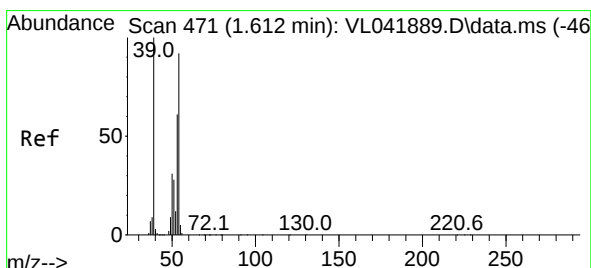
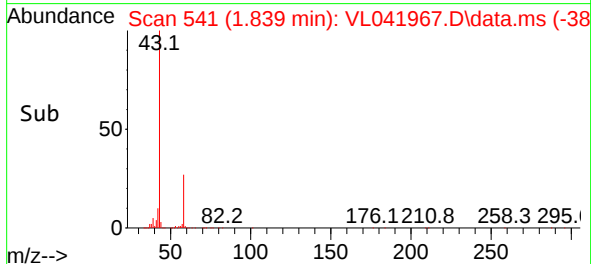
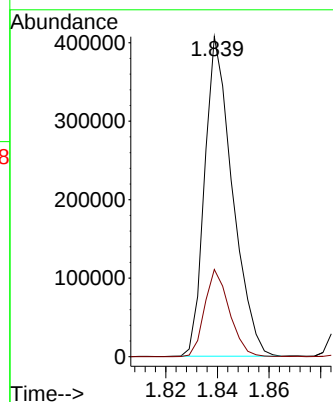
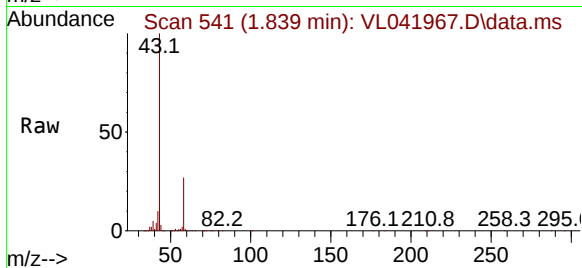
ClientSampleId :

Tgt Ion: 43 Resp: 304441

Ion Ratio Lower Upper

43 100

58 24.4 21.9 32.9



#16

1,3-Butadiene

Concen: 0.259 ppbv

RT: 1.603 min Scan# 468

Delta R.T. -0.010 min

Lab File: VL041967.D

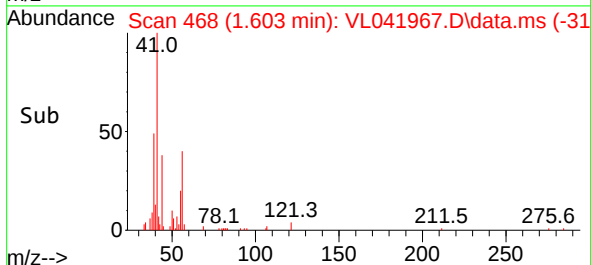
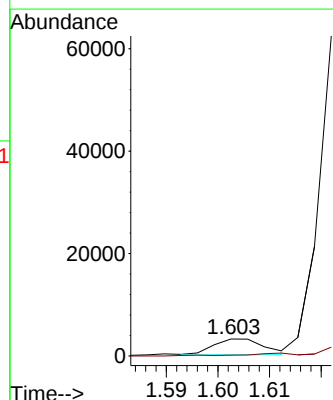
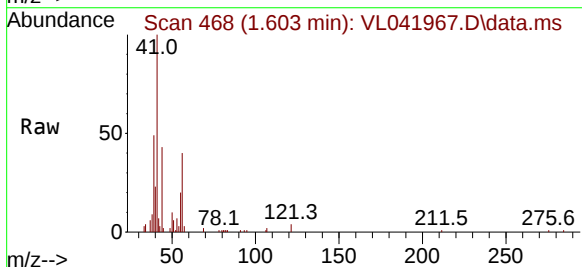
Acq: 03 Feb 2025 16:35

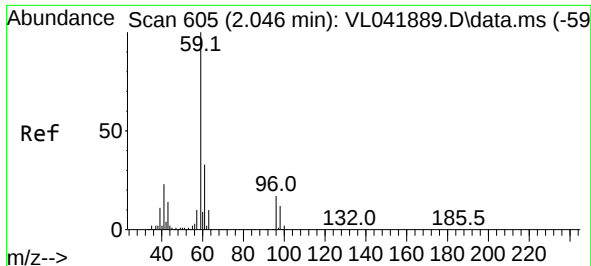
Tgt Ion: 39 Resp: 2093

Ion Ratio Lower Upper

39 100

54 0.0 61.6 92.4#





#17

tert-Butyl alcohol

Concen: 0.107 ppbv

RT: 2.049 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

Instrument :

MSVOA_L

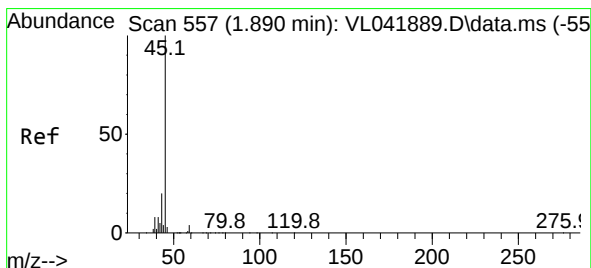
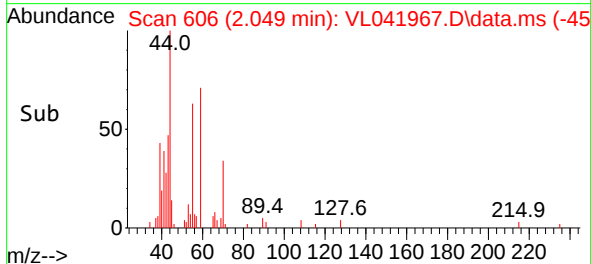
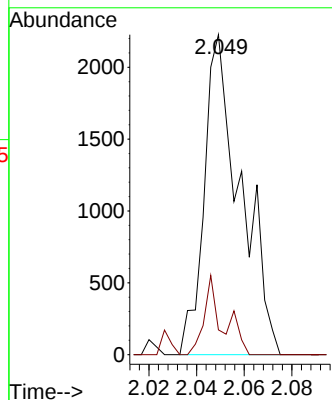
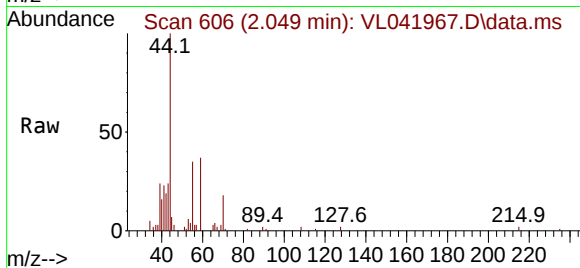
ClientSampleId :

Tgt Ion: 59 Resp: 2370

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#19

Isopropyl Alcohol

Concen: 24.513 ppbv

RT: 1.891 min Scan# 557

Delta R.T. 0.000 min

Lab File: VL041967.D

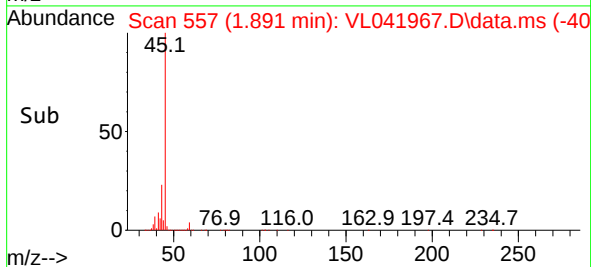
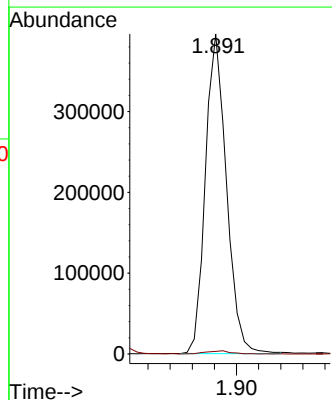
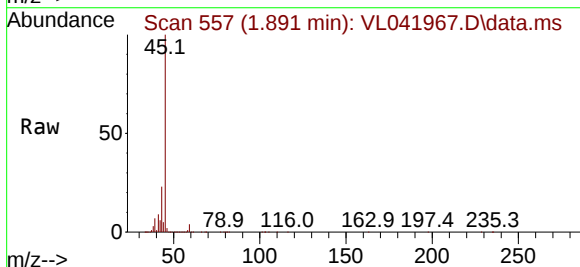
Acq: 03 Feb 2025 16:35

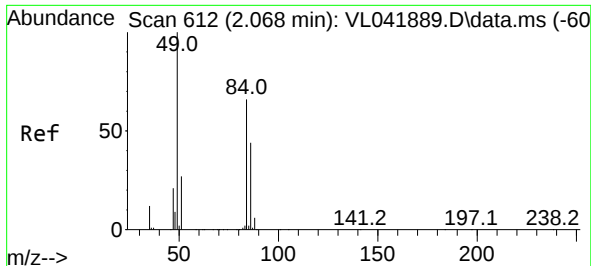
Tgt Ion: 45 Resp: 262017

Ion Ratio Lower Upper

45 100

58 28.3 35.0 52.6#

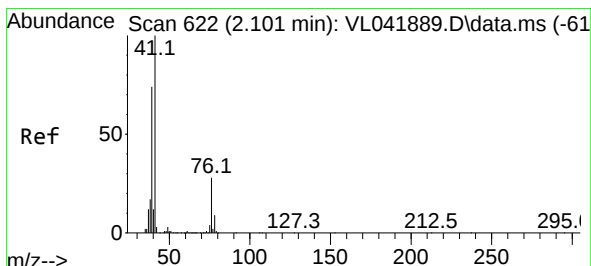
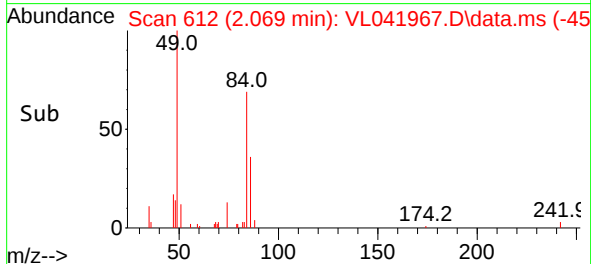
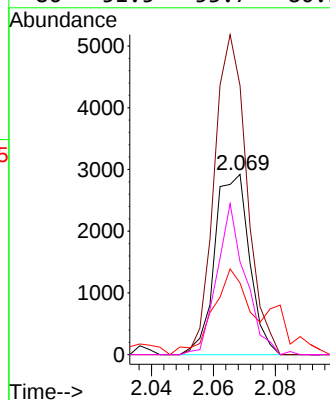
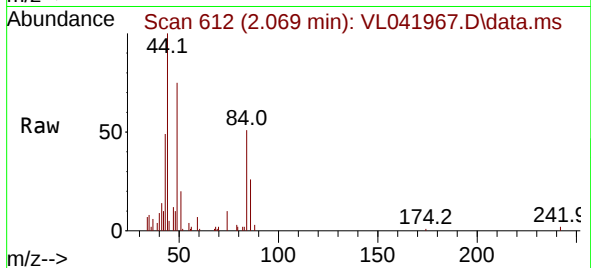




#20
Methylene Chloride
Concen: 0.319 ppbv
RT: 2.069 min Scan# 616
Delta R.T. 0.000 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

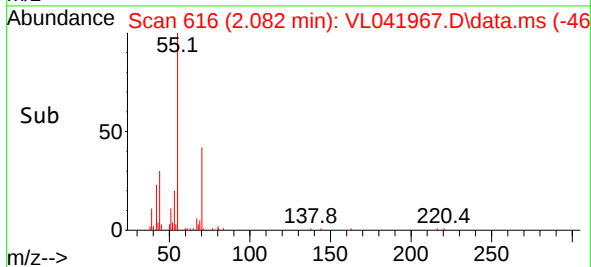
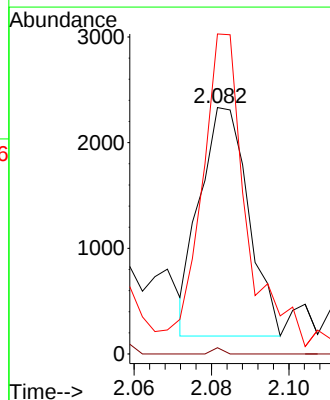
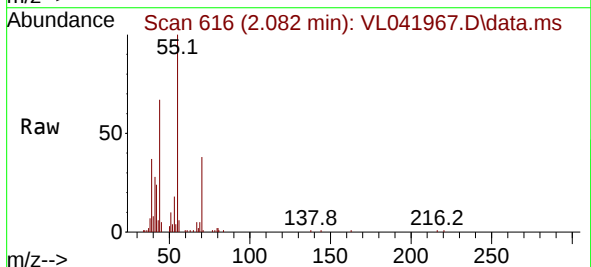
Instrument :
MSVOA_L
ClientSampleId :

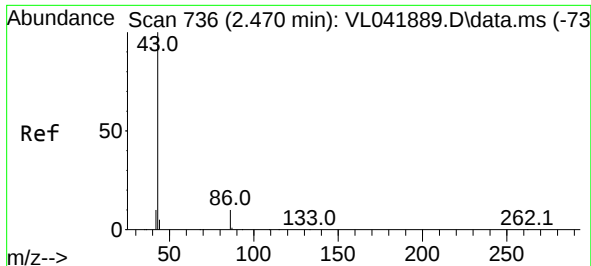
Tgt Ion: 84 Resp: 2275
Ion Ratio Lower Upper
84 100
49 149.2 123.1 184.7
51 37.3 35.8 53.8
86 51.5 53.7 80.5#



#21
Allyl Chloride
Concen: 0.150 ppbv
RT: 2.082 min Scan# 616
Delta R.T. -0.019 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Tgt Ion: 41 Resp: 1878
Ion Ratio Lower Upper
41 100
76 0.0 24.2 36.4#
39 176.8 60.6 91.0#

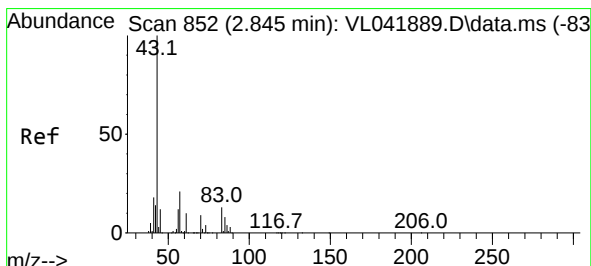
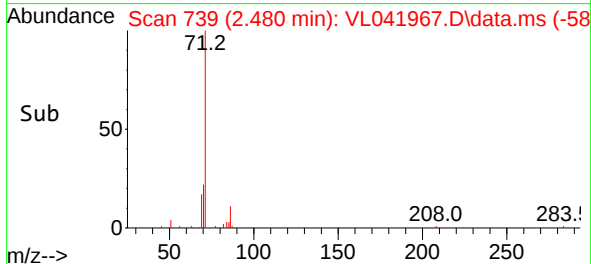
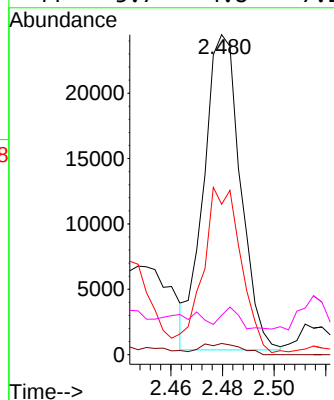
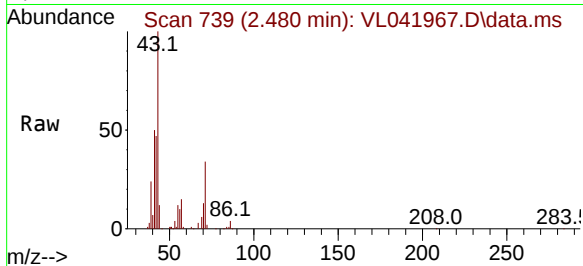




#23
 Vinyl Acetate
 Concen: 2.672 ppbv
 RT: 2.480 min Scan# 739
 Delta R.T. 0.010 min
 Lab File: VL041967.D
 Acq: 03 Feb 2025 16:35

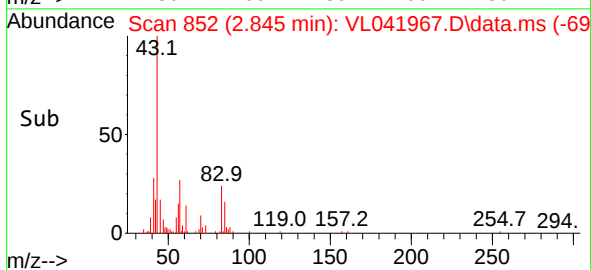
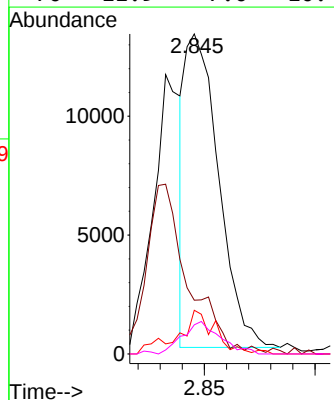
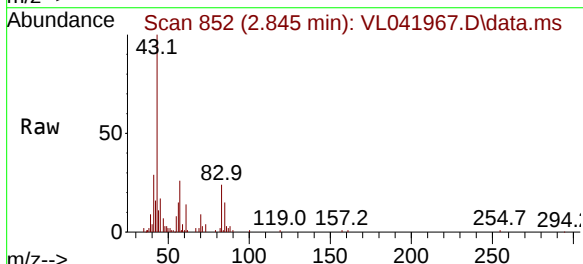
Instrument :
 MSVOA_L
 ClientSampleId :

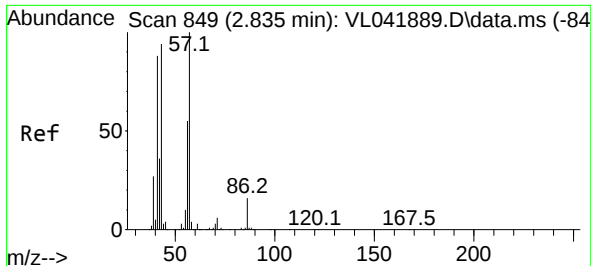
Tgt Ion:	43	Resp:	23878
Ion	Ratio	Lower	Upper
43	100		
86	3.6	6.2	9.4#
42	46.9	8.5	12.7#
44	3.7	4.8	7.2#



#25
 Ethyl Acetate
 Concen: 0.285 ppbv
 RT: 2.845 min Scan# 852
 Delta R.T. 0.000 min
 Lab File: VL041967.D
 Acq: 03 Feb 2025 16:35

Tgt Ion:	43	Resp:	13869
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	15.8	7.4	11.0#
70	11.9	7.0	10.4#

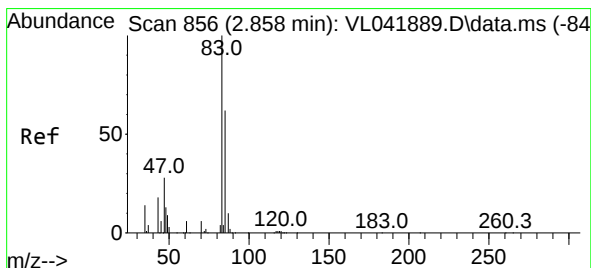
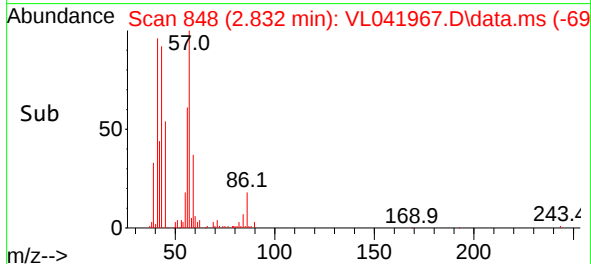
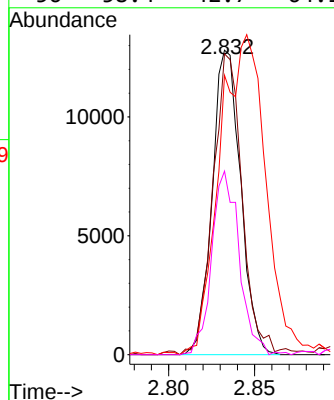
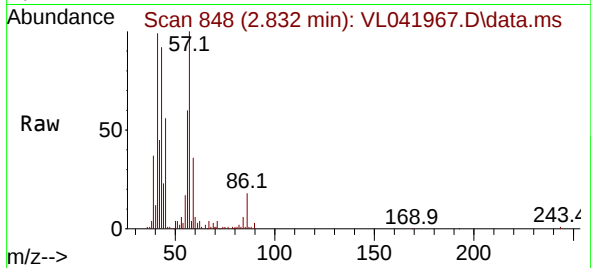




#26
Hexane
Concen: 0.766 ppbv
RT: 2.832 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

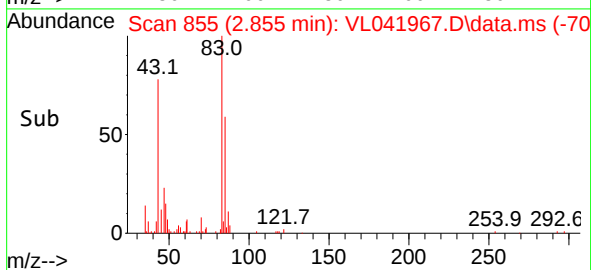
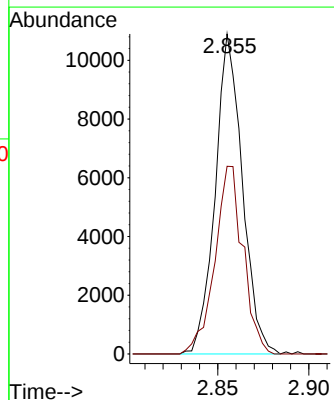
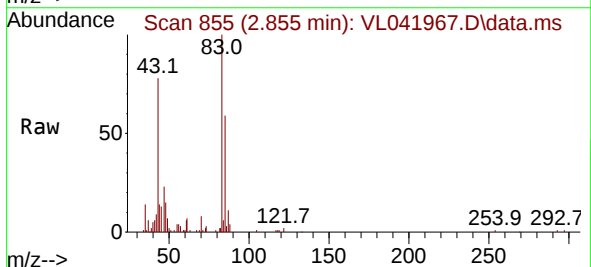
Instrument :
MSVOA_L
ClientSampleId :

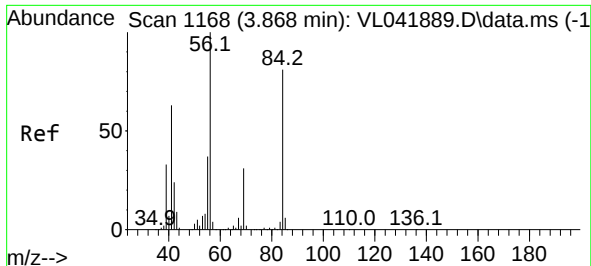
Tgt Ion: 57 Resp: 14728
Ion Ratio Lower Upper
57 100
41 102.6 73.8 110.8
43 167.7 197.3 295.9#
56 58.4 42.7 64.1



#29
Chloroform
Concen: 0.371 ppbv
RT: 2.855 min Scan# 855
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Tgt Ion: 83 Resp: 11281
Ion Ratio Lower Upper
83 100
85 58.6 50.1 75.1

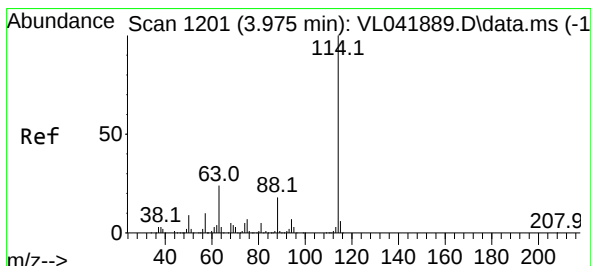
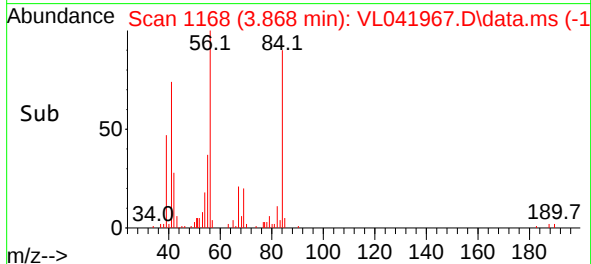
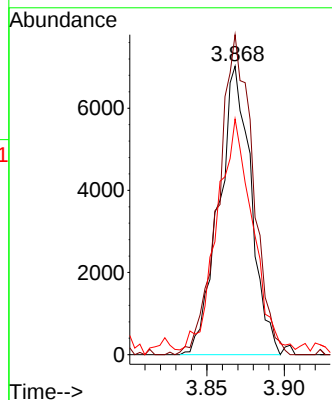
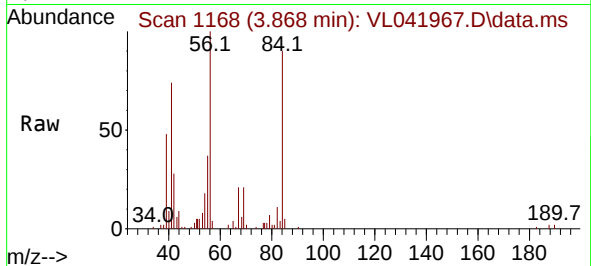




#30
Cyclohexane
Concen: 0.607 ppbv
RT: 3.868 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

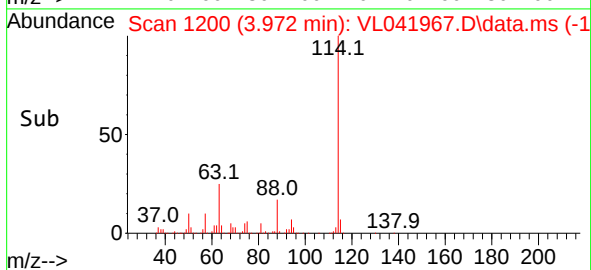
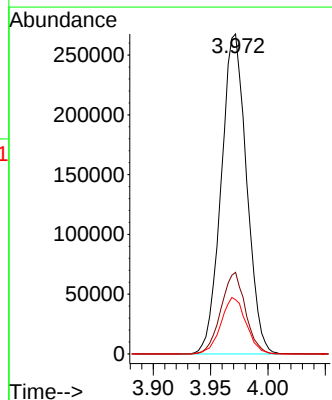
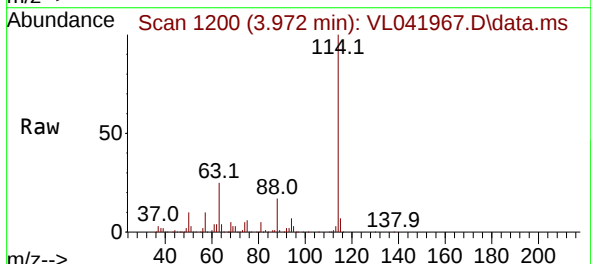
Instrument :
MSVOA_L
ClientSampleId :

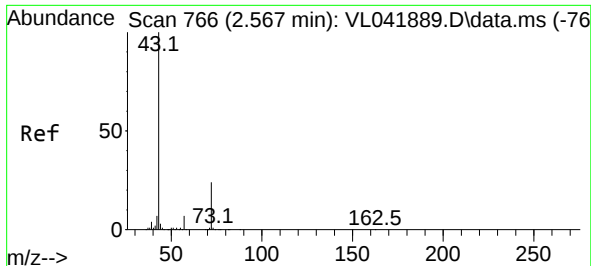
Tgt Ion: 84 Resp: 10115
Ion Ratio Lower Upper
84 100
56 119.3 99.3 148.9
41 97.1 64.3 96.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Tgt Ion: 114 Resp: 411838
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.6
88 17.5 14.4 21.6

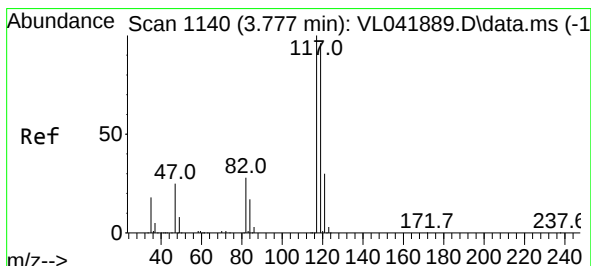
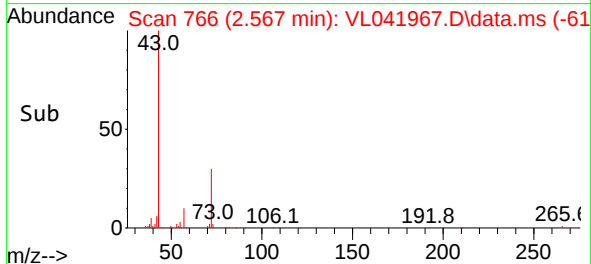
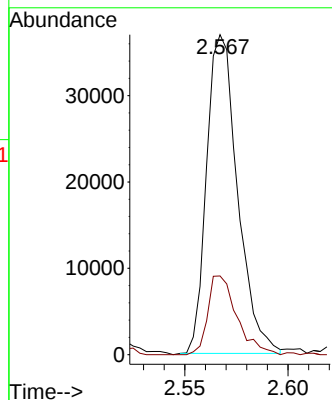
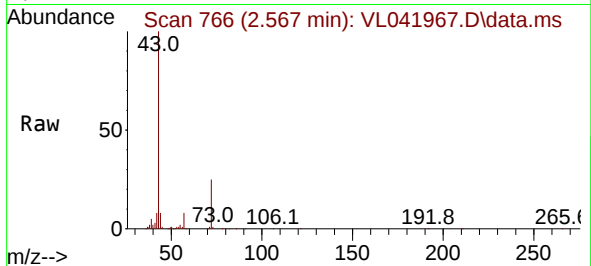




#34
2-Butanone
Concen: 1.467 ppbv
RT: 2.567 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

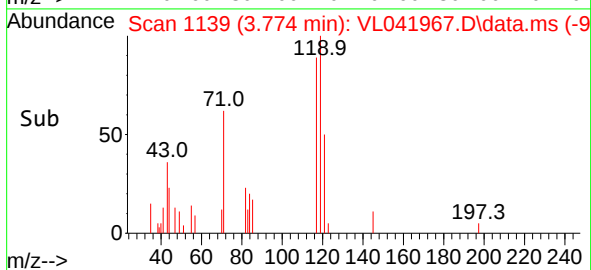
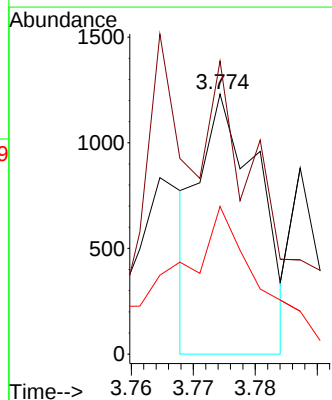
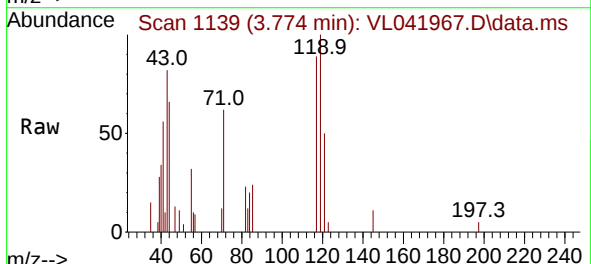
Instrument :
MSVOA_L
ClientSampleId :

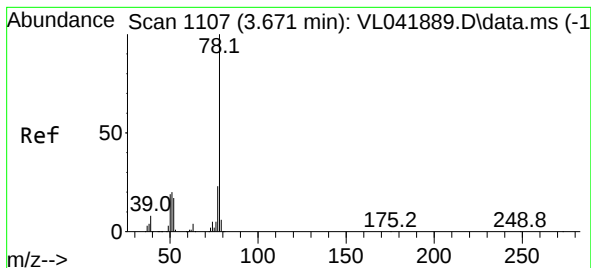
Tgt Ion: 43 Resp: 38426
Ion Ratio Lower Upper
43 100
72 23.5 18.6 28.0



#35
Carbon Tetrachloride
Concen: 0.032 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Tgt Ion: 117 Resp: 818
Ion Ratio Lower Upper
117 100
119 105.0 76.9 115.3
121 49.6 23.8 35.6#





#36

Benzene

Concen: 0.368 ppbv

RT: 3.671 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VL041967.D

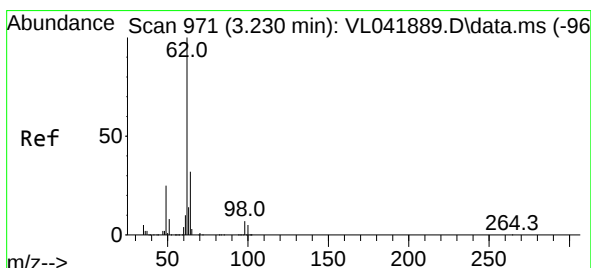
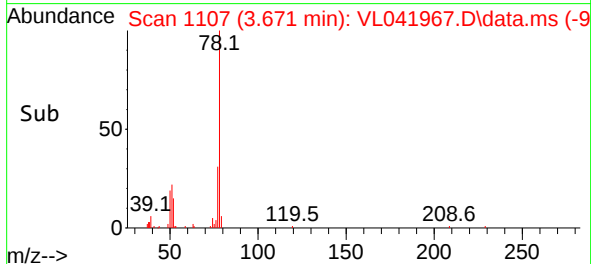
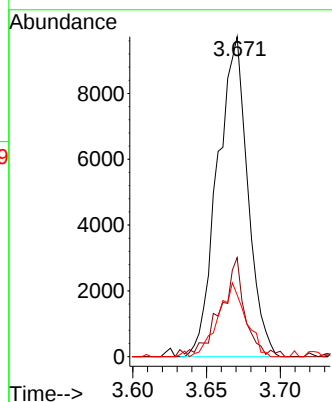
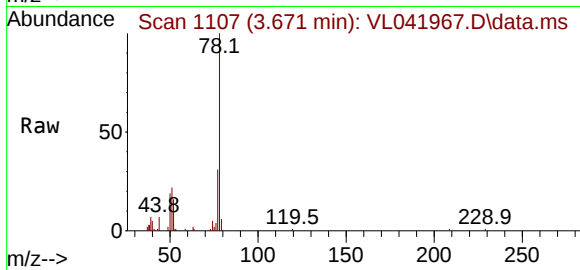
Acq: 03 Feb 2025 16:35

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 78	Resp: 13894
Ion Ratio	Lower Upper
78 100	
77 29.2	18.1 27.1#
50 19.3	15.2 22.8



#37

1,2-Dichloroethane

Concen: 0.039 ppbv

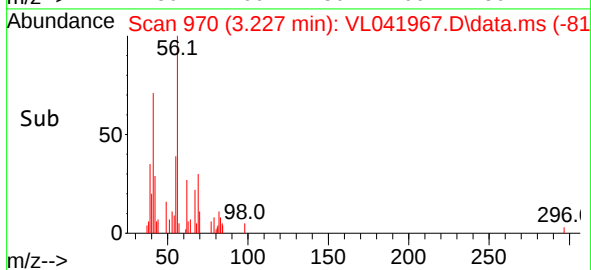
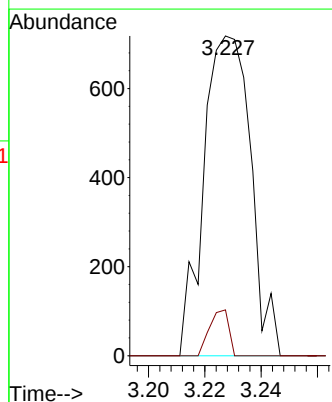
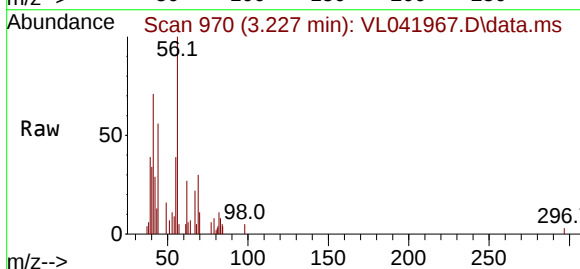
RT: 3.227 min Scan# 970

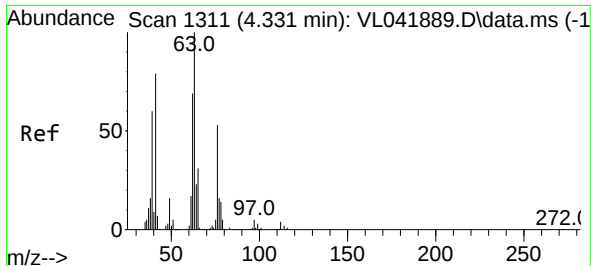
Delta R.T. -0.003 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

Tgt Ion: 62	Resp: 832
Ion Ratio	Lower Upper
62 100	
98 5.9	5.4 8.0





#39

1,2-Dichloropropane

Concen: 7.634 ppbv

RT: 3.972 min Scan# 11

Delta R.T. -0.359 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

Instrument :

MSVOA_L

ClientSampleId :

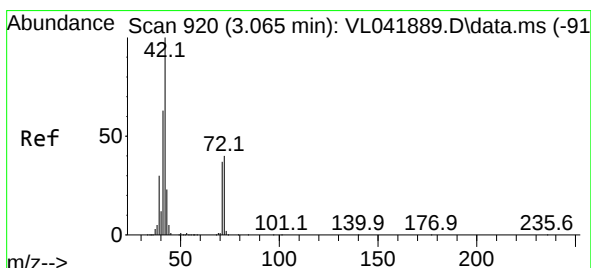
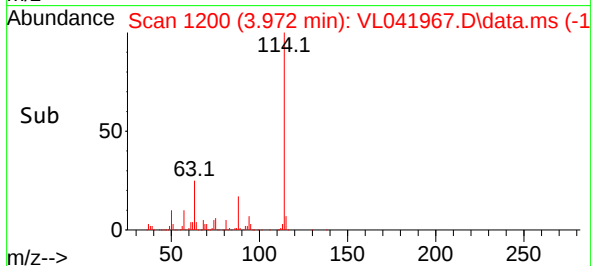
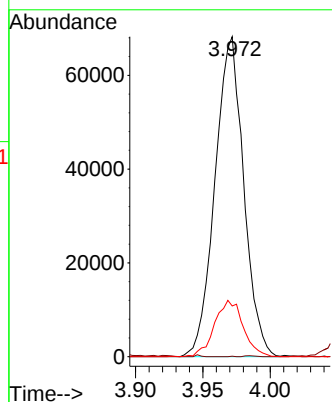
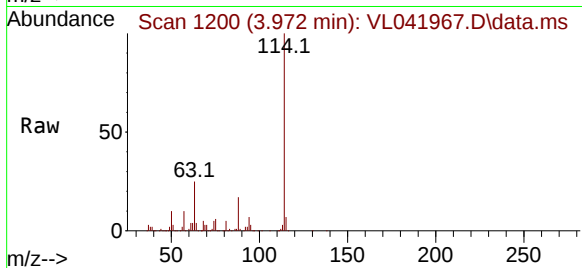
Tgt Ion: 63 Resp: 101145

Ion Ratio Lower Upper

63 100

41 0.2 63.7 95.5#

62 15.9 55.4 83.2#



#41

Tetrahydrofuran

Concen: 0.605 ppbv

RT: 3.075 min Scan# 923

Delta R.T. 0.010 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

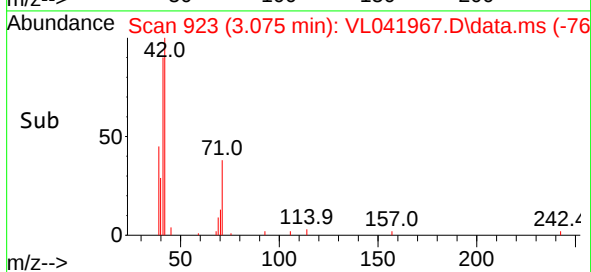
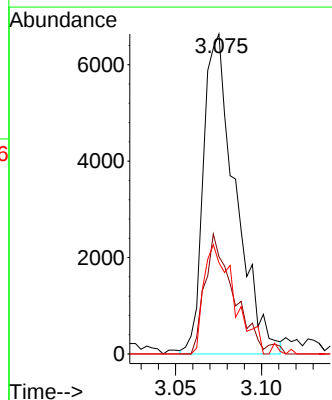
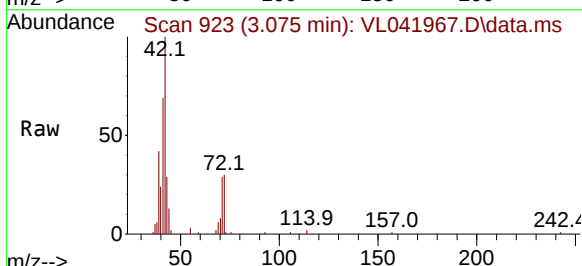
Tgt Ion: 42 Resp: 8618

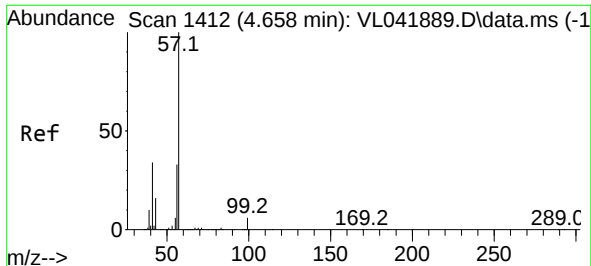
Ion Ratio Lower Upper

42 100

72 34.4 32.3 48.5

71 33.3 29.9 44.9





#44

2,2,4-Trimethylpentane

Concen: 0.265 ppbv

RT: 4.658 min Scan# 1412

Delta R.T. 0.000 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

Instrument :

MSVOA_L

ClientSampleId :

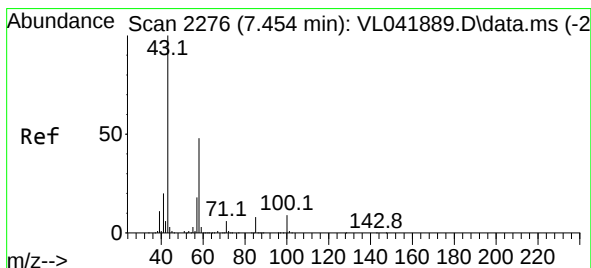
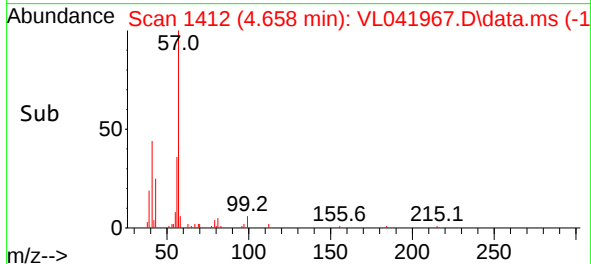
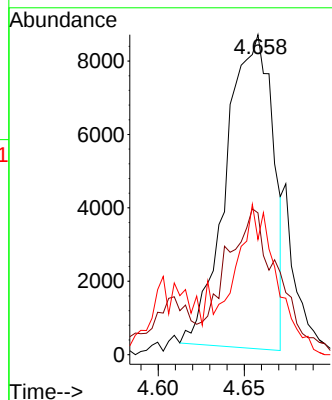
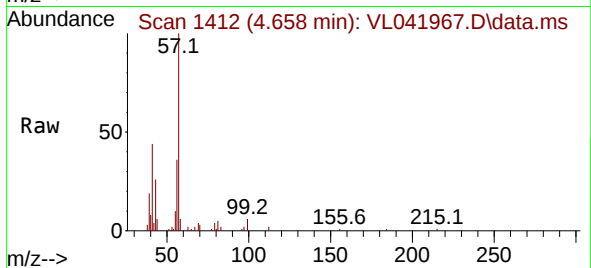
Tgt Ion: 57 Resp: 16221

Ion Ratio Lower Upper

57 100

41 68.4 26.6 40.0#

56 49.0 25.4 38.2#



#51

2-Hexanone

Concen: 0.112 ppbv

RT: 7.438 min Scan# 2271

Delta R.T. -0.016 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

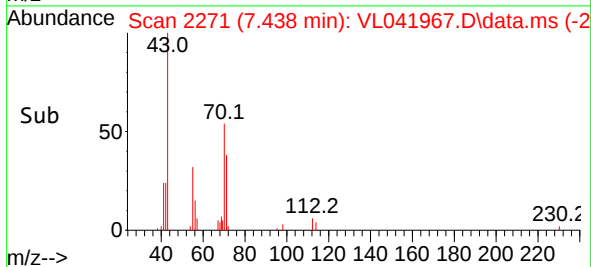
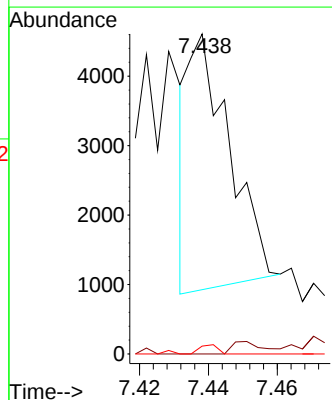
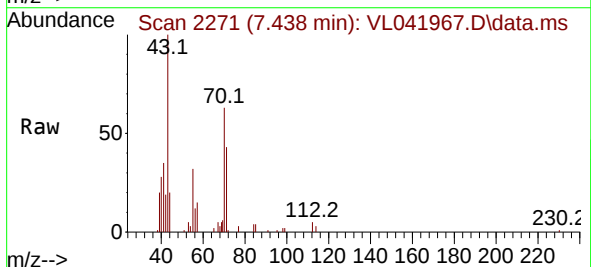
Tgt Ion: 43 Resp: 3064

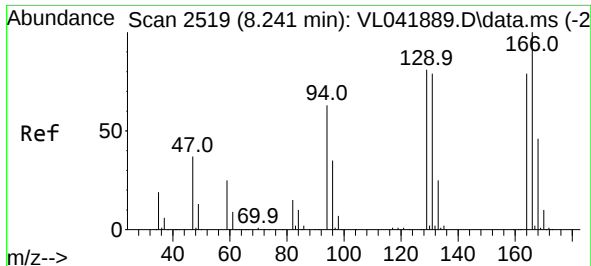
Ion Ratio Lower Upper

43 100

58 13.3 40.4 60.6#

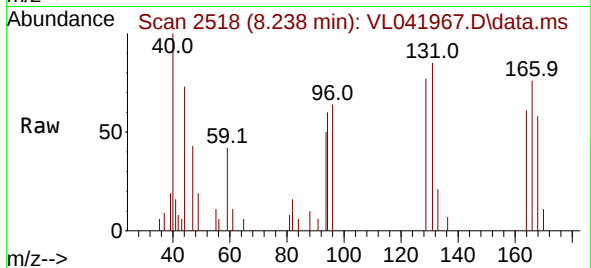
98 0.0 0.2 0.2#



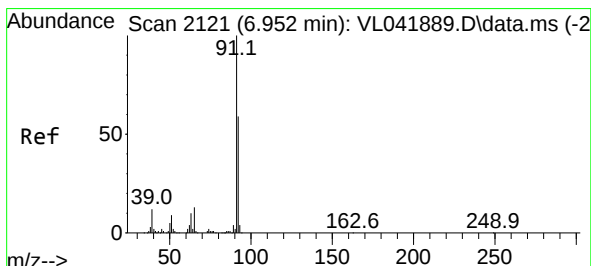
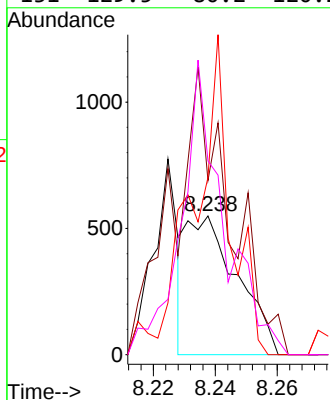
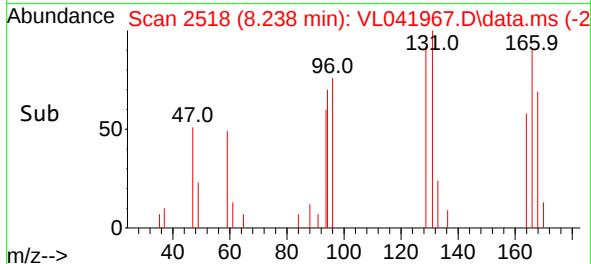


#52
Tetrachloroethene
Concen: 0.048 ppbv
RT: 8.238 min Scan# 2110
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Instrument :
MSVOA_L
ClientSampleId :

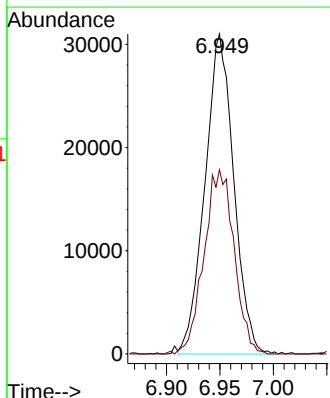
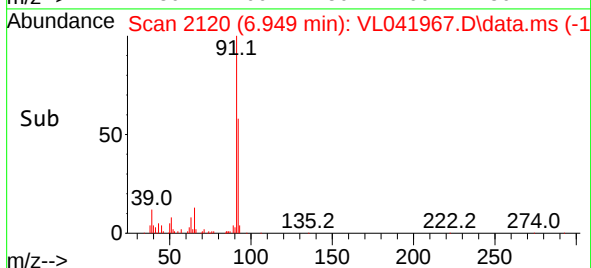
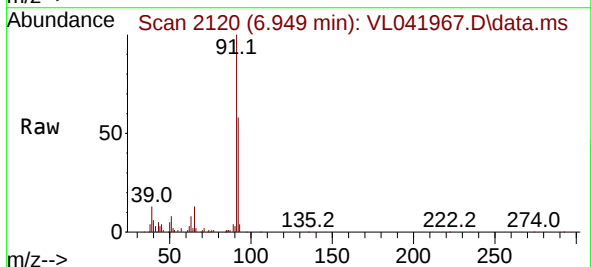


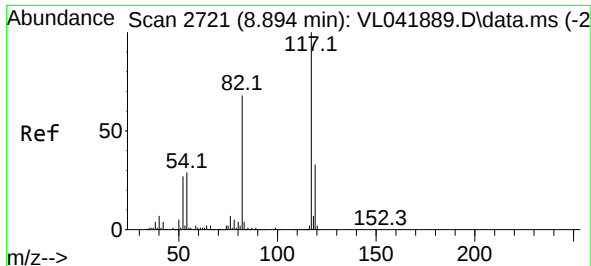
Tgt Ion:164 Resp: 626
Ion Ratio Lower Upper
164 100
166 96.4 100.8 151.2#
129 127.9 82.0 123.0#
131 129.5 80.2 120.2#



#53
Toluene
Concen: 1.415 ppbv
RT: 6.949 min Scan# 2120
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

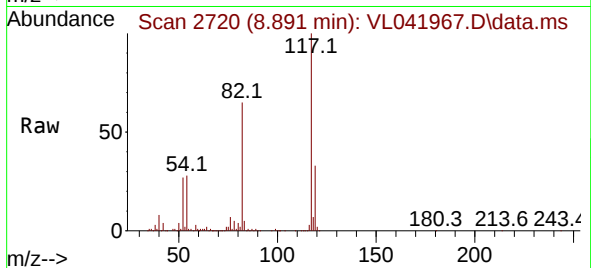
Tgt Ion: 91 Resp: 58221
Ion Ratio Lower Upper
91 100
92 60.1 47.4 71.0



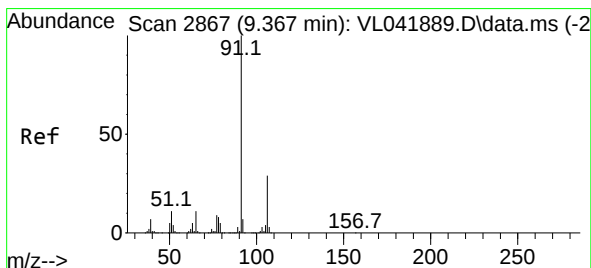
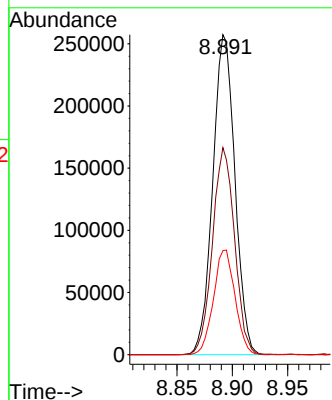
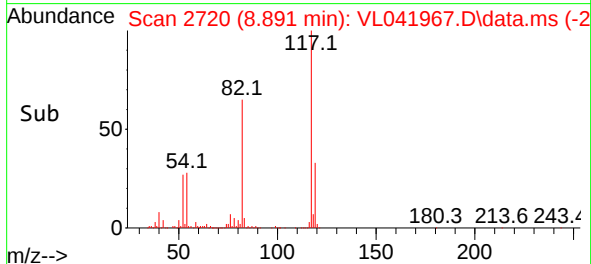


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Instrument :
MSVOA_L
ClientSampleId :

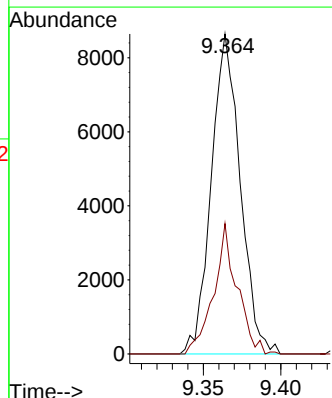
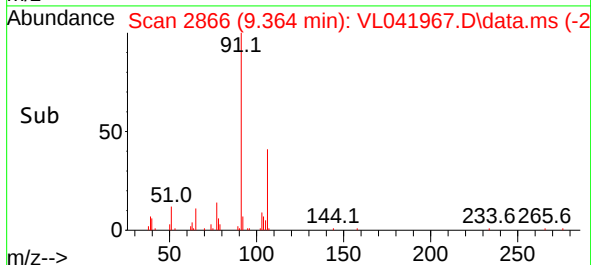
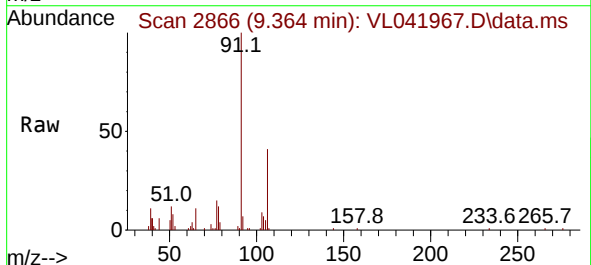


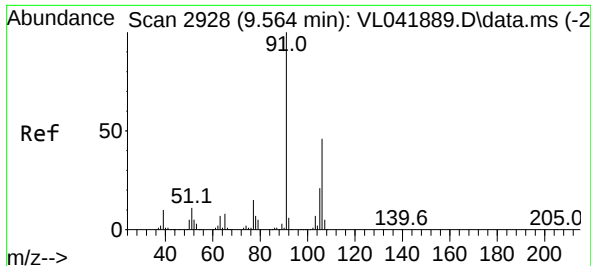
Tgt Ion:117 Resp: 358723
Ion Ratio Lower Upper
117 100
82 64.5 54.2 81.4
119 32.0 25.0 37.6



#58
Ethyl Benzene
Concen: 0.201 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Tgt Ion: 91 Resp: 11254
Ion Ratio Lower Upper
91 100
106 40.7 23.1 34.7#





#59

m/p-Xylene

Concen: 1.051 ppbv

RT: 9.539 min Scan# 2920

Delta R.T. -0.026 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

Instrument :

MSVOA_L

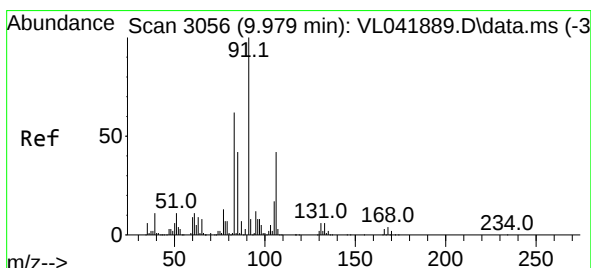
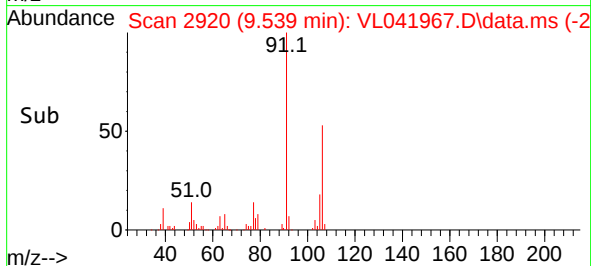
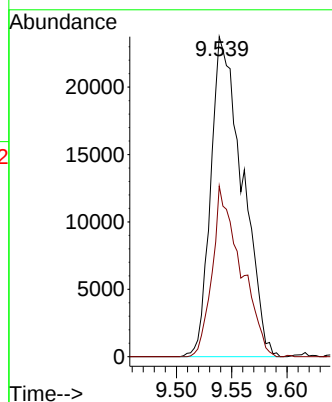
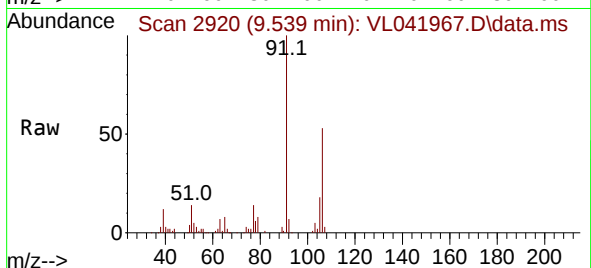
ClientSampleId :

Tgt Ion: 91 Resp: 47247

Ion Ratio Lower Upper

91 100

106 47.9 36.0 54.0



#60

o-Xylene

Concen: 0.412 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.006 min

Lab File: VL041967.D

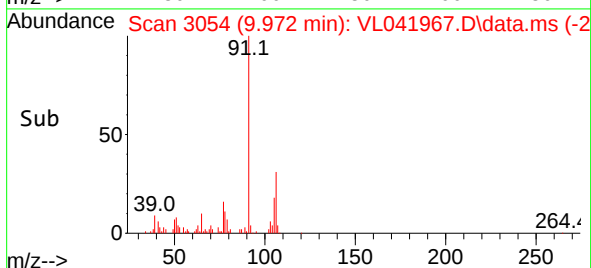
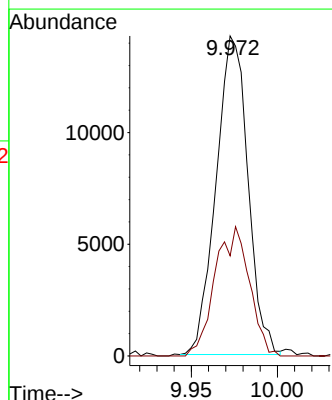
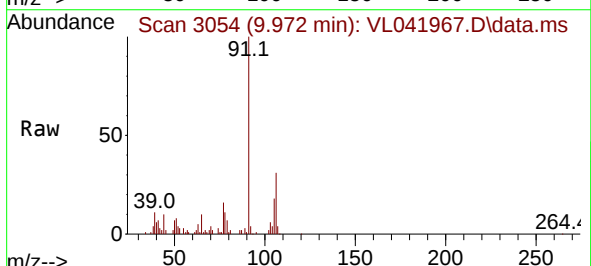
Acq: 03 Feb 2025 16:35

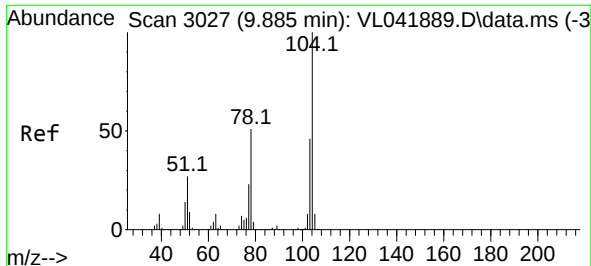
Tgt Ion: 91 Resp: 18366

Ion Ratio Lower Upper

91 100

106 43.7 21.3 63.9

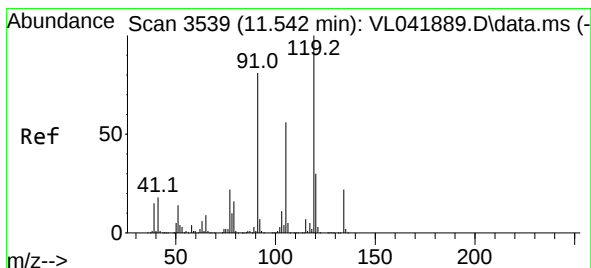
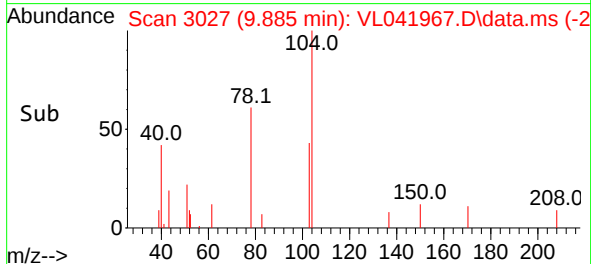
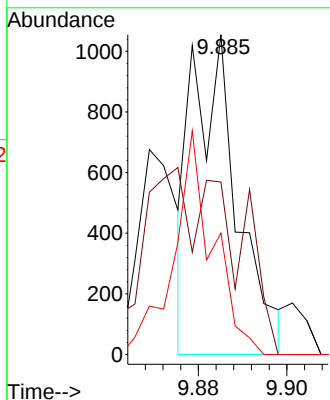
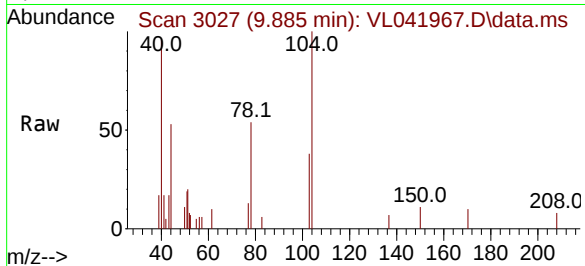




#61
Styrene
Concen: 0.037 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.000 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

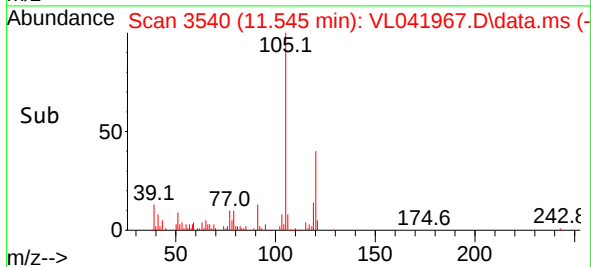
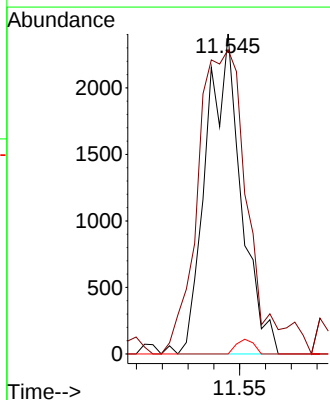
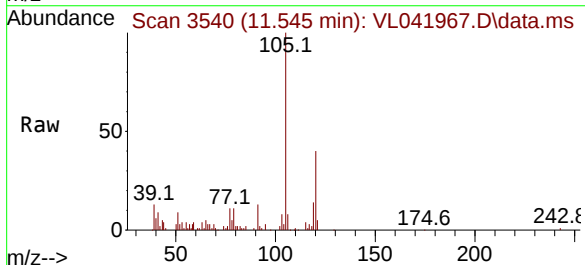
Instrument :
MSVOA_L
ClientSampleId :

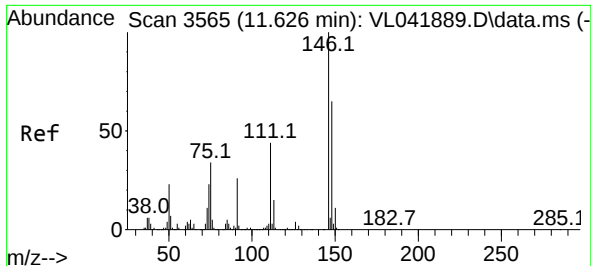
Tgt Ion:104 Resp: 745
Ion Ratio Lower Upper
104 100
78 0.0 41.0 61.6#
103 0.0 37.2 55.8#



#65
tert-Butylbenzene
Concen: 0.036 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Tgt Ion:119 Resp: 2257
Ion Ratio Lower Upper
119 100
91 155.4 64.6 97.0#
134 2.3 16.8 25.2#

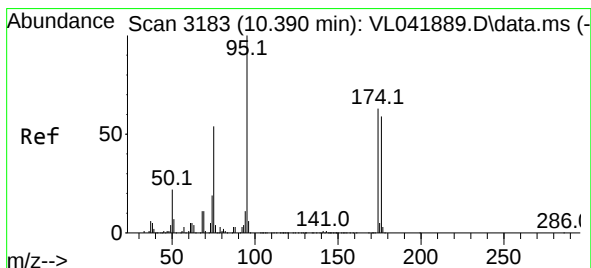
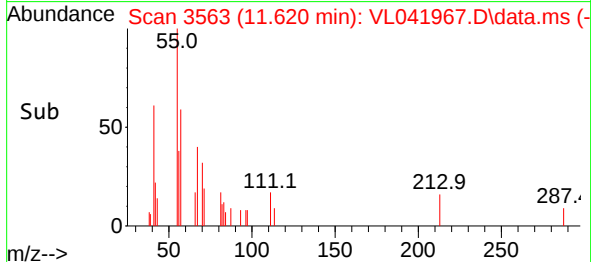
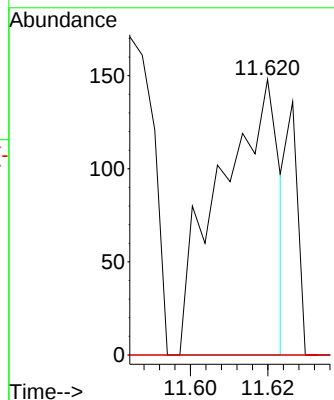
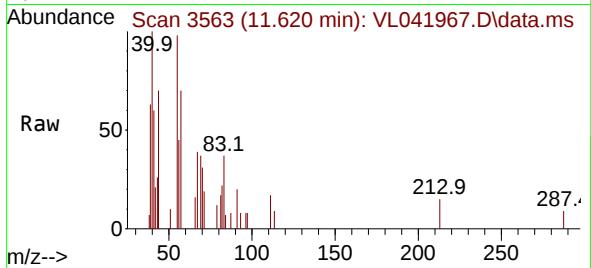




#66
Benzyl Chloride
Concen: 0.040 ppbv
RT: 11.620 min Scan# 3157
Delta R.T. -0.006 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

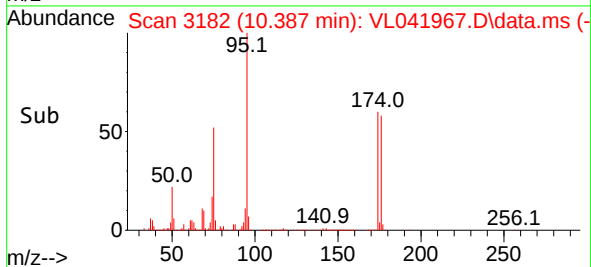
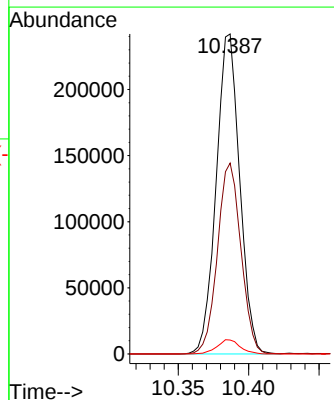
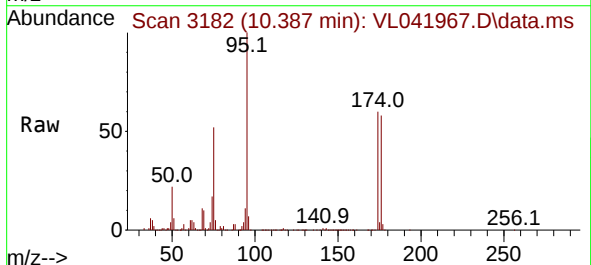
Instrument :
MSVOA_L
ClientSampleId :

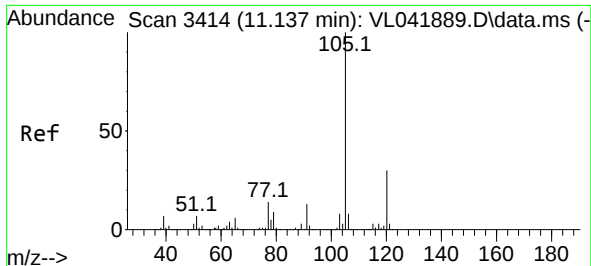
Tgt Ion: 91 Resp: 157
Ion Ratio Lower Upper
91 100
126 0.0 14.1 21.1#
128 0.0 4.3 6.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.952 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

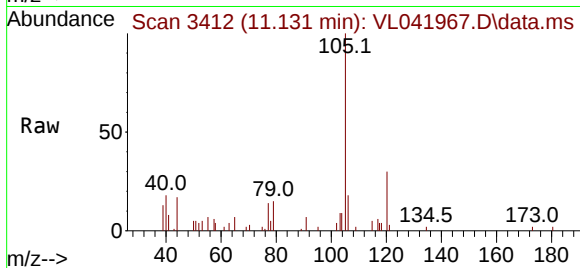
Tgt Ion: 95 Resp: 281200
Ion Ratio Lower Upper
95 100
174 59.5 49.0 73.4
175 4.4 3.8 5.8



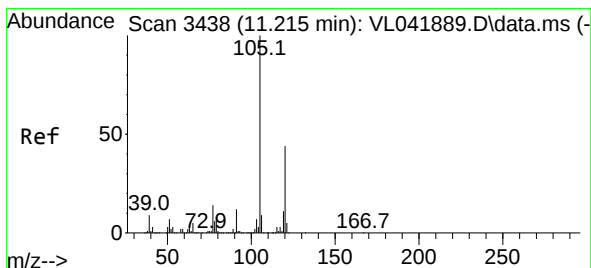
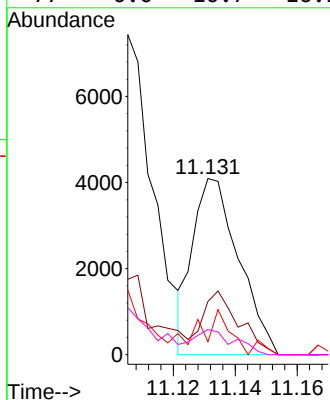
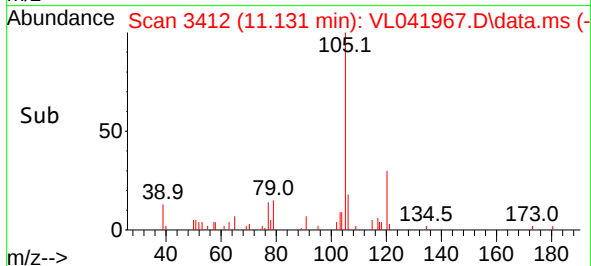


#72
4-Ethyltoluene
Concen: 0.079 ppbv
RT: 11.131 min Scan# 3414
Delta R.T. -0.006 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Instrument :
MSVOA_L
ClientSampleId :

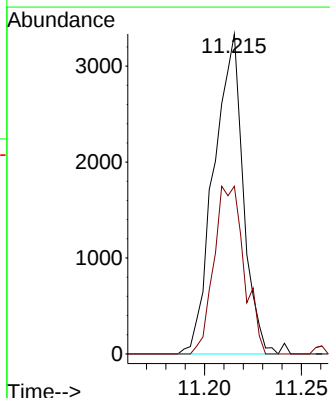
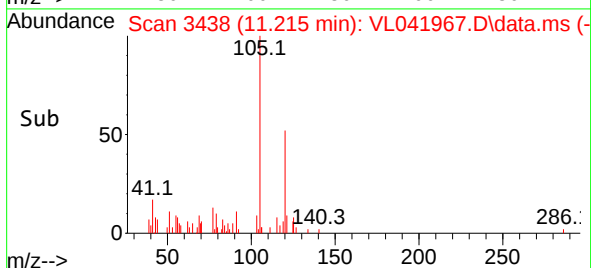
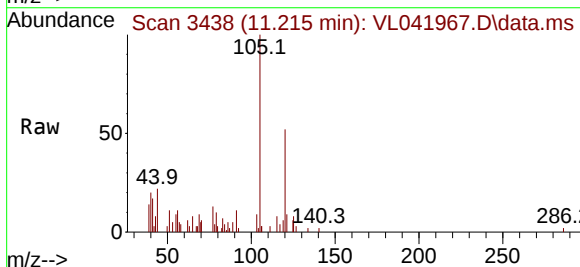


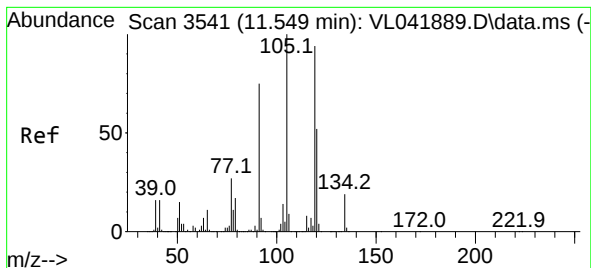
Tgt Ion:105 Resp: 4225
Ion Ratio Lower Upper
105 100
120 0.0 23.7 35.5#
91 21.2 10.2 15.2#
77 0.0 10.7 16.1#



#73
1,3,5-Trimethylbenzene
Concen: 0.074 ppbv
RT: 11.215 min Scan# 3438
Delta R.T. 0.000 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Tgt Ion:105 Resp: 3503
Ion Ratio Lower Upper
105 100
120 52.4 35.4 53.2





#74

1,2,4-Trimethylbenzene

Concen: 0.359 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 18298

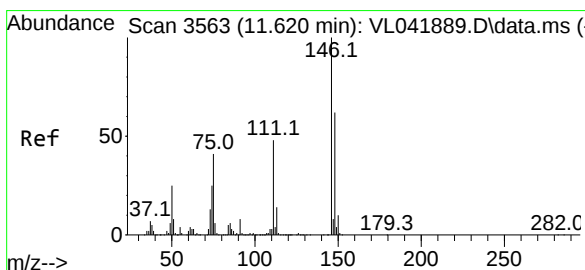
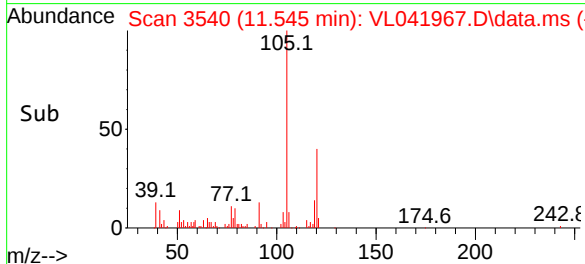
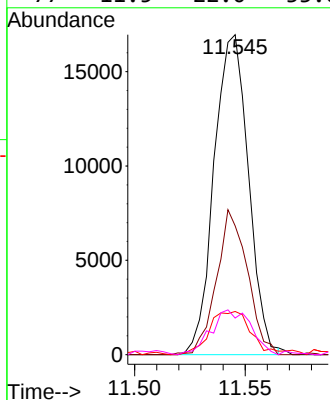
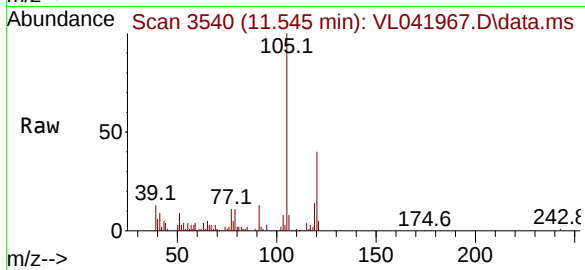
Ion Ratio Lower Upper

105 100

120 40.3 41.4 62.2#

91 13.5 60.2 90.2#

77 11.5 22.0 33.0#



#75

1,3-Dichlorobenzene

Concen: 0.090 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.058 min

Lab File: VL041967.D

Acq: 03 Feb 2025 16:35

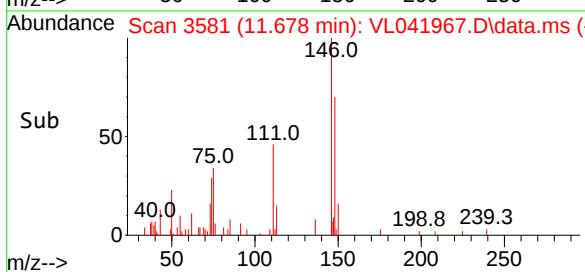
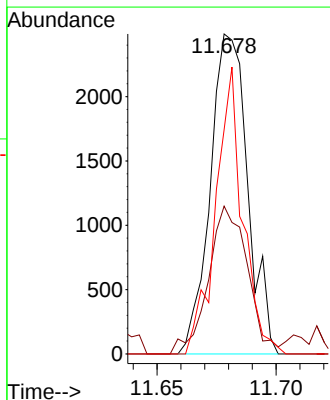
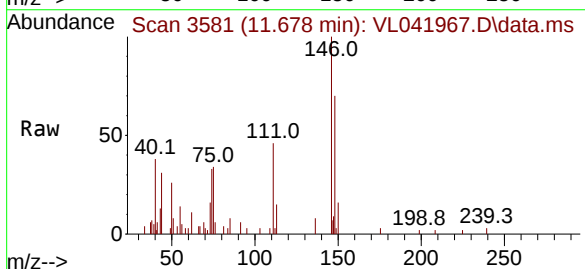
Tgt Ion:146 Resp: 2726

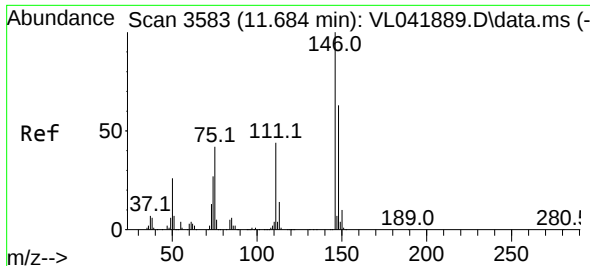
Ion Ratio Lower Upper

146 100

111 54.6 23.6 70.8

148 64.6 31.4 94.0

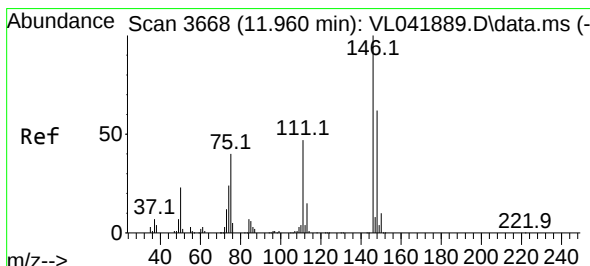
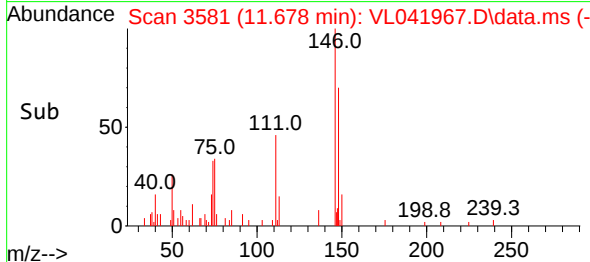
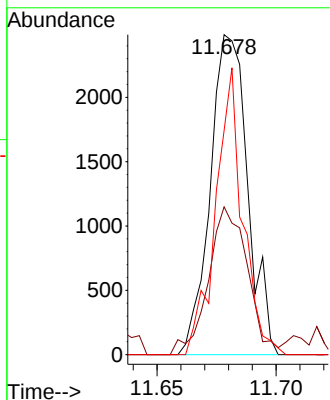
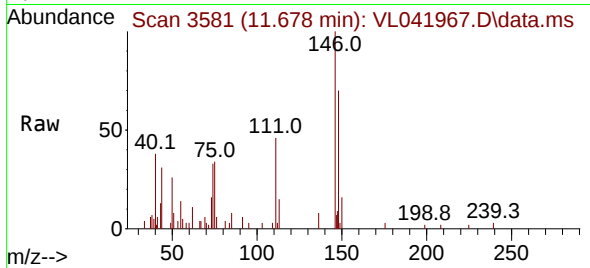




#76
1,4-Dichlorobenzene
Concen: 0.092 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.006 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

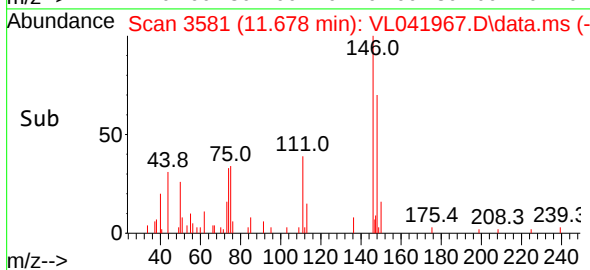
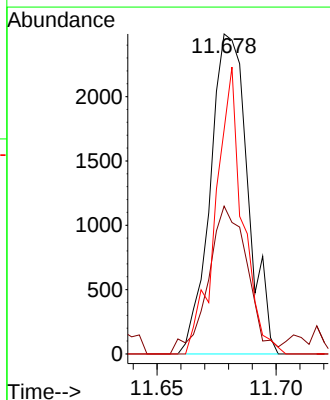
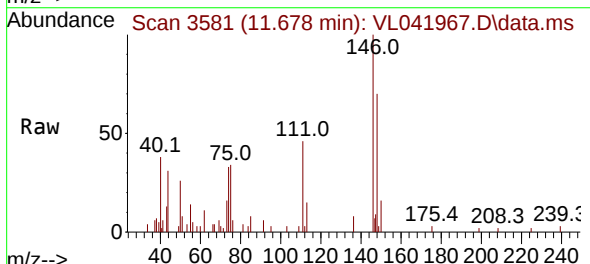
Instrument :
MSVOA_L
ClientSampleId :

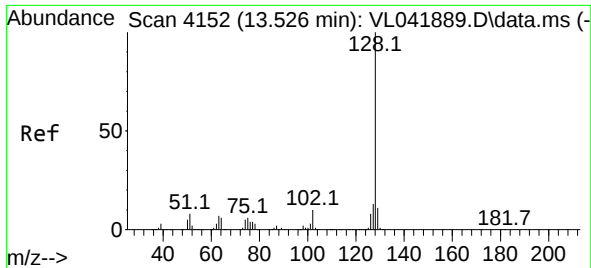
Tgt Ion:146 Resp: 2726
Ion Ratio Lower Upper
146 100
111 53.3 22.4 67.0
148 64.6 31.9 95.5



#77
1,2-Dichlorobenzene
Concen: 0.091 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.281 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

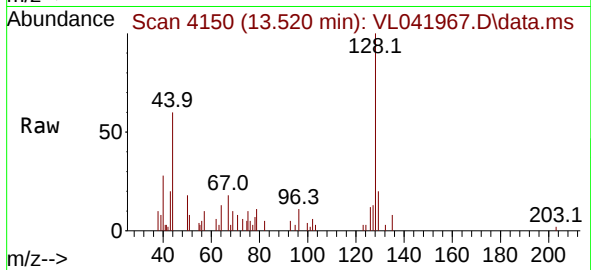
Tgt Ion:146 Resp: 2726
Ion Ratio Lower Upper
146 100
111 54.6 24.2 72.6
148 64.6 31.7 95.1





#79
Naphthalene
Concen: 0.049 ppbv
RT: 13.520 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041967.D
Acq: 03 Feb 2025 16:35

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:128 Resp: 2520
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 20.2 9.1 13.7#

