

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041815.D
 Acq On : 19 Dec 2024 02:59
 Operator : SY/MD
 Sample : P5295-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 19 08:04:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	74852	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	179512	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.894	117	179898	10.000	ppbv	0.02

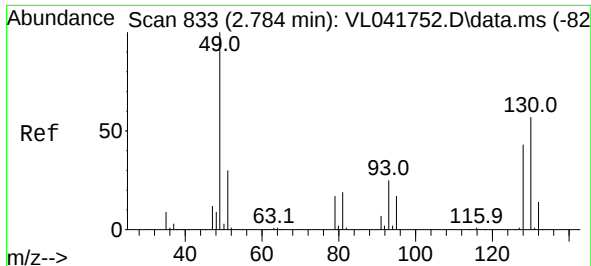
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	147798	9.859	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	5577	0.419	ppbv	96
3) Chlorodifluoromethane	1.479	51	5086	0.417	ppbv #	76
4) Chloromethane	1.534	50	1511	0.290	ppbv	91
9) Propene	1.489	41	3162	0.598	ppbv	85
10) Heptane	4.997	43	868	0.064	ppbv #	39
12) 1,1,2-Trichlorotrifluo...	2.149	101	657	0.061	ppbv	100
13) Ethanol	1.725	45	21379	48.799	ppbv	95
15) Acetone	1.838	43	56205	3.859	ppbv	97
16) 1,3-Butadiene	1.602	39	1018	0.178	ppbv #	42
17) tert-Butyl alcohol	2.049	59	2850	0.197	ppbv	98
19) Isopropyl Alcohol	1.890	45	17919	2.050	ppbv #	39
20) Methylene Chloride	2.065	84	5172	1.245	ppbv	95
21) Allyl Chloride	2.237	41	810	0.103	ppbv	94
23) Vinyl Acetate	2.457	43	9315	1.377	ppbv #	95
25) Ethyl Acetate	2.845	43	7649	0.282	ppbv #	44
26) Hexane	2.835	57	2807	0.273	ppbv #	72
29) Chloroform	2.855	83	359474	22.942	ppbv	98
30) Cyclohexane	3.865	84	396	0.045	ppbv #	1
32) 1,1,1-Trichloroethane	3.376	97	1842	0.116	ppbv #	26
34) 2-Butanone	2.567	43	9372	0.649	ppbv	99
35) Carbon Tetrachloride	3.774	117	18537	1.455	ppbv	100
36) Benzene	3.664	78	1740	0.094	ppbv	97
39) 1,2-Dichloropropane	3.968	63	50381	7.502	ppbv #	17
52) Tetrachloroethene	8.237	164	3337	0.483	ppbv	93
53) Toluene	6.952	91	37782	1.795	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.953	131	3375	0.354	ppbv #	1
57) Chlorobenzene	8.930	112	2128	0.116	ppbv #	69
58) Ethyl Benzene	9.364	91	10278	0.317	ppbv	96
59) m/p-Xylene	9.545	91	33305	1.279	ppbv #	100
60) o-Xylene	9.972	91	13916	0.533	ppbv	99
61) Styrene	9.882	104	3795	0.336	ppbv	97
65) tert-Butylbenzene	11.798	119	208262	5.883	ppbv #	1
67) sec-Butylbenzene	11.798	105	56190	1.147	ppbv #	1
69) p-Isopropyltoluene	11.798	119	208388	5.162	ppbv #	5
74) 1,2,4-Trimethylbenzene	11.545	105	4532	0.165	ppbv #	57
75) 1,3-Dichlorobenzene	11.778	146	1225	0.070	ppbv #	23
76) 1,4-Dichlorobenzene	11.778	146	1225	0.071	ppbv #	24
77) 1,2-Dichlorobenzene	11.807	146	751	0.045	ppbv #	1
79) Naphthalene	13.520	128	949	0.050	ppbv #	75

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

Quant Time: Dec 19 08:04:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

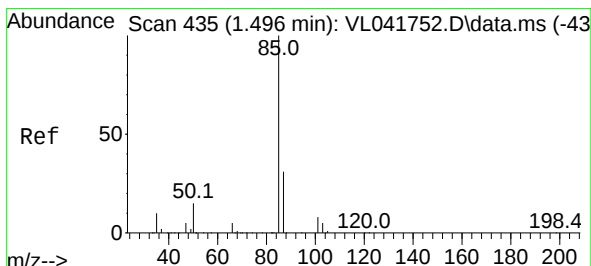
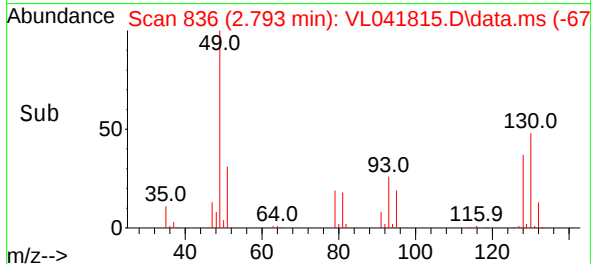
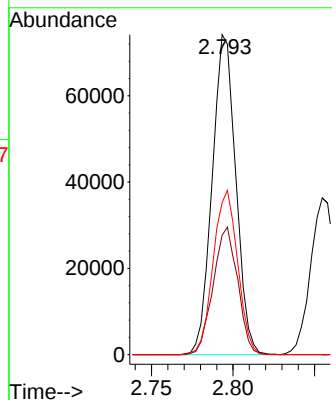
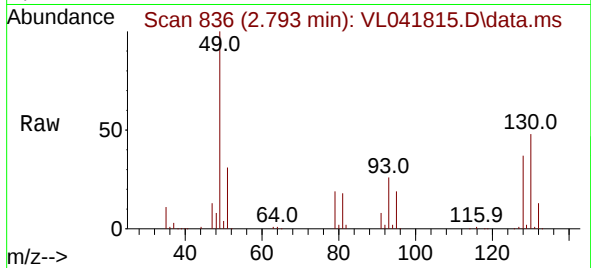




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.793 min Scan# 833
 Delta R.T. 0.009 min
 Lab File: VL041815.D
 Acq: 19 Dec 2024 02:59

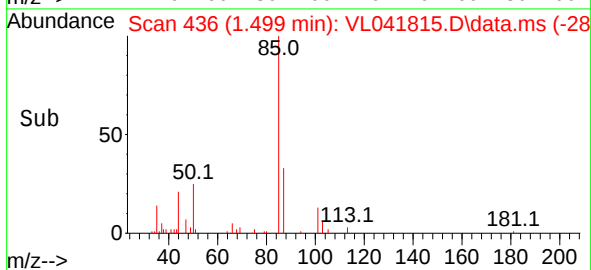
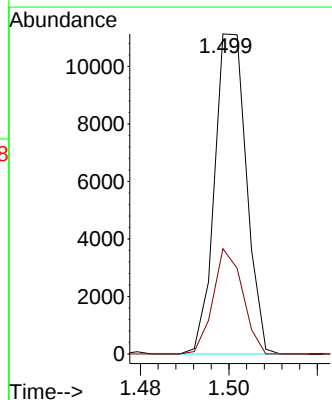
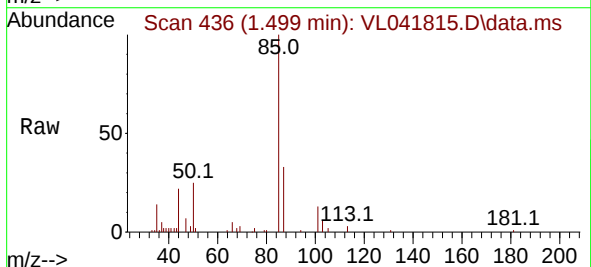
Instrument :
 MSVOA_L
 ClientSampleId :

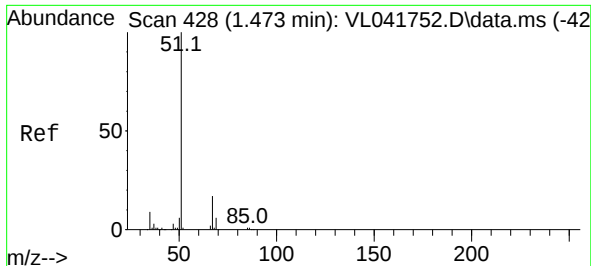
Tgt Ion: 49 Resp: 74852
 Ion Ratio Lower Upper
 49 100
 128 41.2 21.6 64.6
 130 53.0 28.3 85.0



#2
 Dichlorodifluoromethane
 Concen: 0.419 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. 0.003 min
 Lab File: VL041815.D
 Acq: 19 Dec 2024 02:59

Tgt Ion: 85 Resp: 5577
 Ion Ratio Lower Upper
 85 100
 87 32.9 24.5 36.7

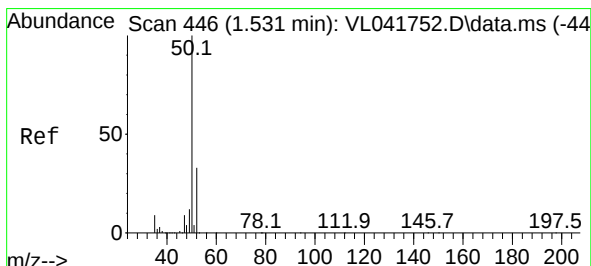
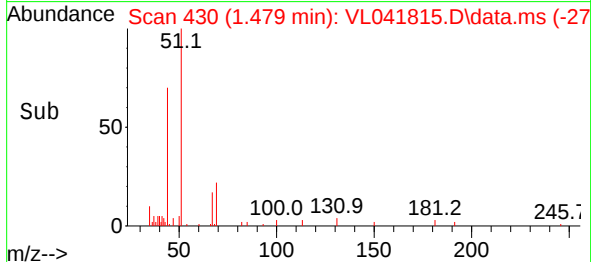
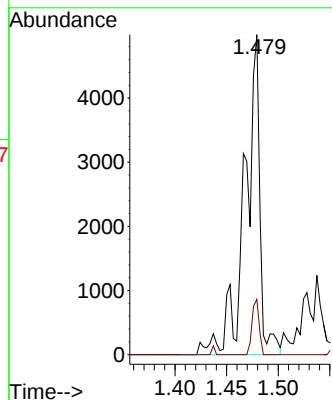
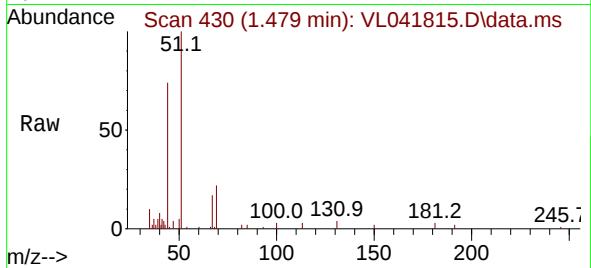




#3
Chlorodifluoromethane
Concen: 0.417 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041815.D
Acq: 19 Dec 2024 02:59

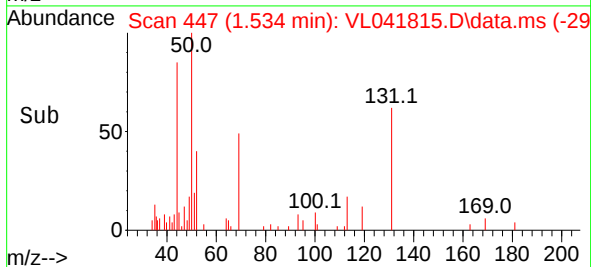
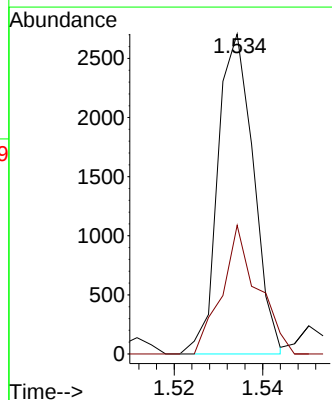
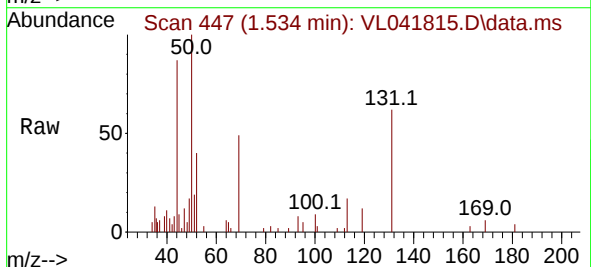
Instrument :
MSVOA_L
ClientSampleId :

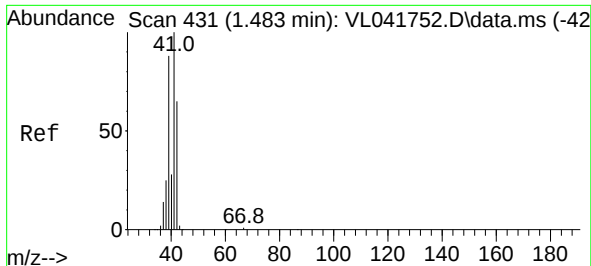
Tgt Ion: 51 Resp: 5086
Ion Ratio Lower Upper
51 100
67 8.0 15.0 22.4#



#4
Chloromethane
Concen: 0.290 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041815.D
Acq: 19 Dec 2024 02:59

Tgt Ion: 50 Resp: 1511
Ion Ratio Lower Upper
50 100
52 37.5 26.2 39.2





#9

Propene

Concen: 0.598 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

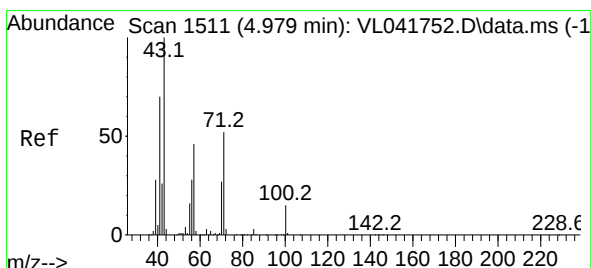
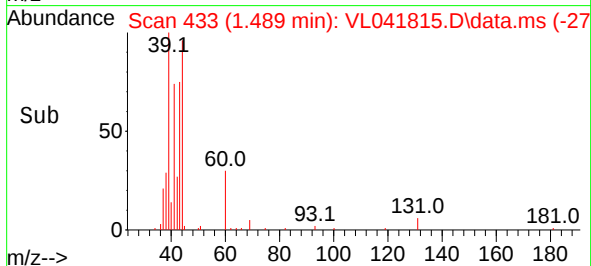
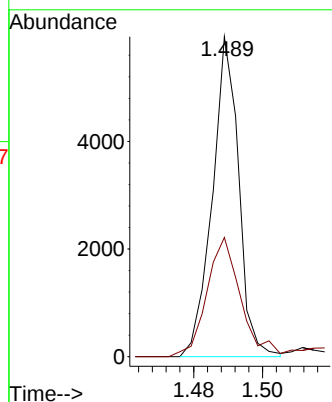
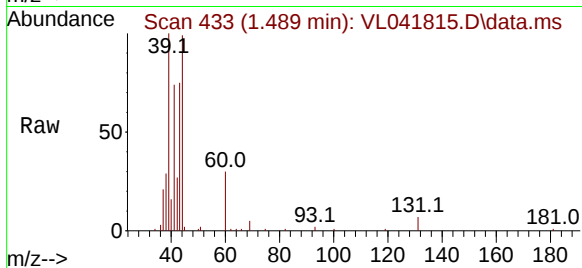
ClientSampleId :

Tgt Ion: 41 Resp: 3162

Ion Ratio Lower Upper

41 100

42 53.4 52.4 78.6



#10

Heptane

Concen: 0.064 ppbv

RT: 4.997 min Scan# 1517

Delta R.T. 0.019 min

Lab File: VL041815.D

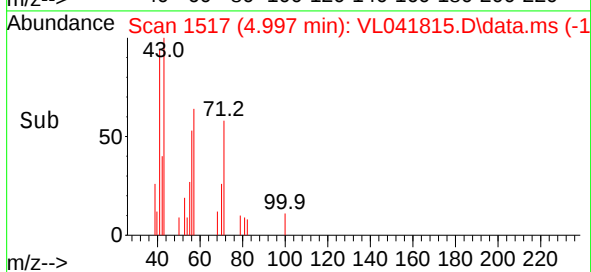
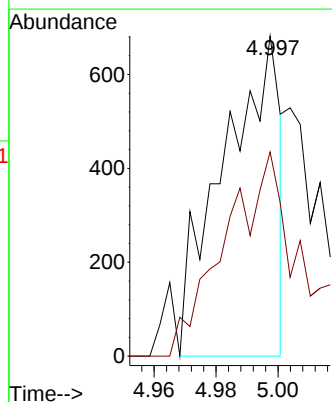
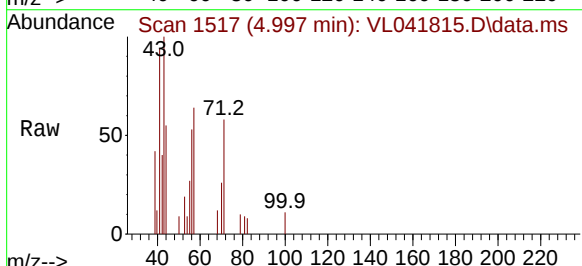
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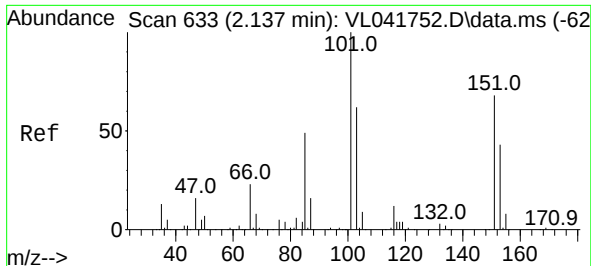
Tgt Ion: 43 Resp: 868

Ion Ratio Lower Upper

43 100

57 89.1 38.5 57.7#

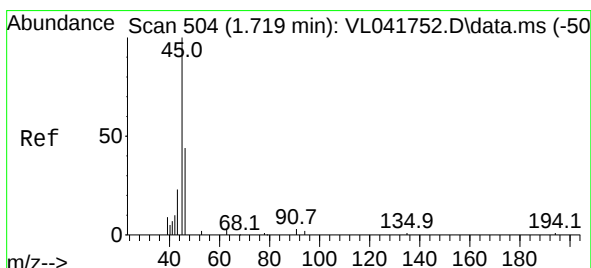
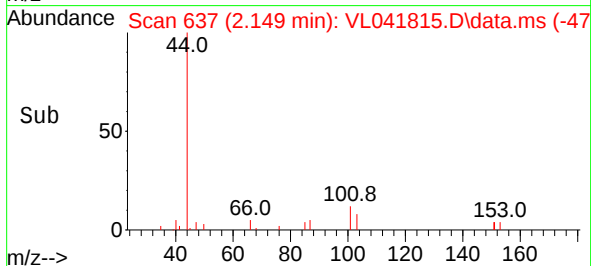
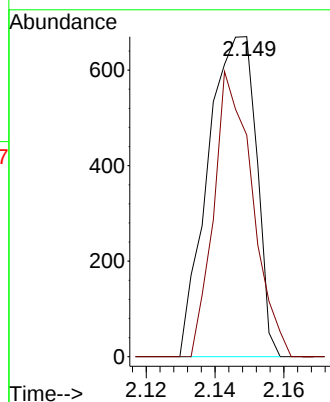
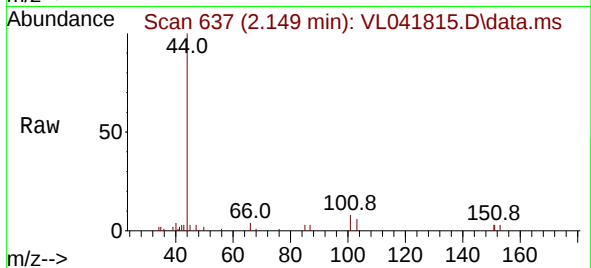




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.061 ppbv
RT: 2.149 min Scan# 61
Delta R.T. 0.012 min
Lab File: VL041815.D
Acq: 19 Dec 2024 02:59

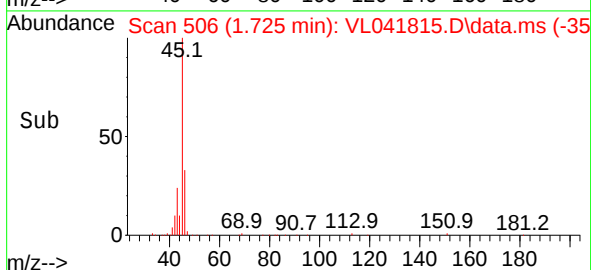
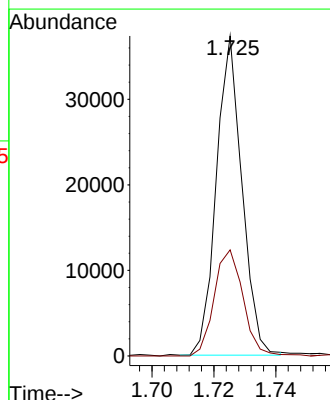
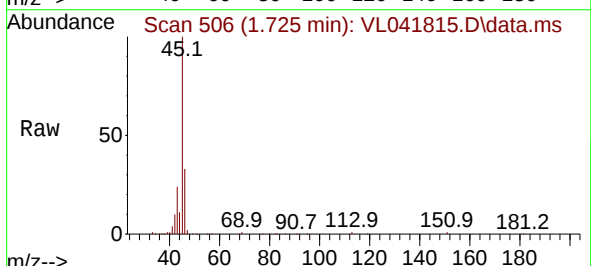
Instrument :
MSVOA_L
ClientSampleId :

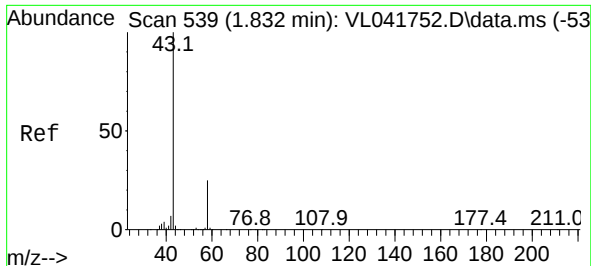
Tgt Ion:101 Resp: 657
Ion Ratio Lower Upper
101 100
151 70.8 56.8 85.2



#13
Ethanol
Concen: 48.799 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL041815.D
Acq: 19 Dec 2024 02:59

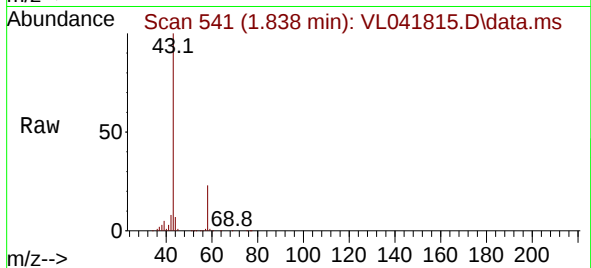
Tgt Ion: 45 Resp: 21379
Ion Ratio Lower Upper
45 100
46 38.0 16.4 65.8



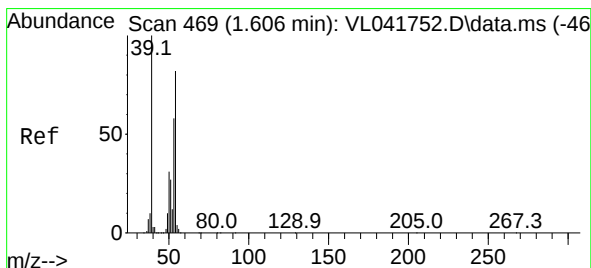
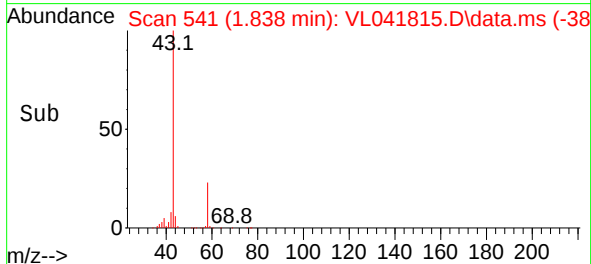
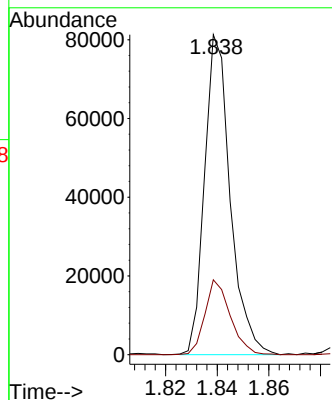


#15
Acetone
Concen: 3.859 ppbv
RT: 1.838 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041815.D
Acq: 19 Dec 2024 02:59

Instrument :
MSVOA_L
ClientSampleId :

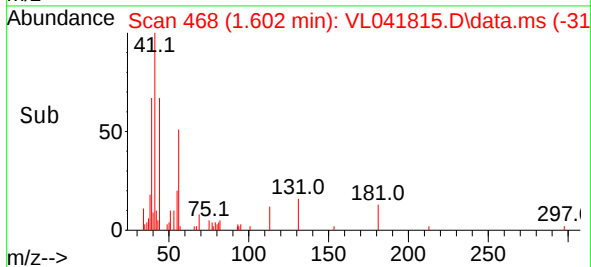
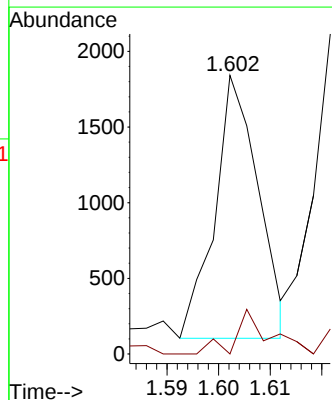
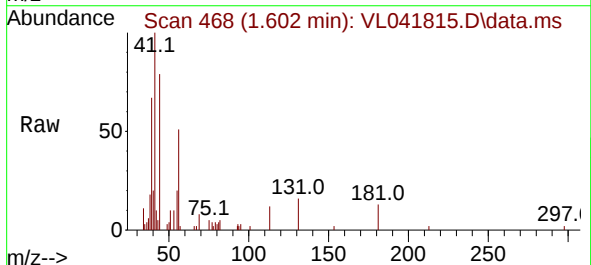


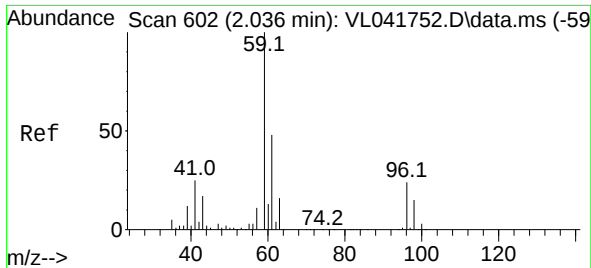
Tgt Ion: 43 Resp: 56205
Ion Ratio Lower Upper
43 100
58 23.1 19.7 29.5



#16
1,3-Butadiene
Concen: 0.178 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.004 min
Lab File: VL041815.D
Acq: 19 Dec 2024 02:59

Tgt Ion: 39 Resp: 1018
Ion Ratio Lower Upper
39 100
54 24.3 58.4 87.6#





#17

tert-Butyl alcohol

Concen: 0.197 ppbv

RT: 2.049 min Scan# 602

Delta R.T. 0.012 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

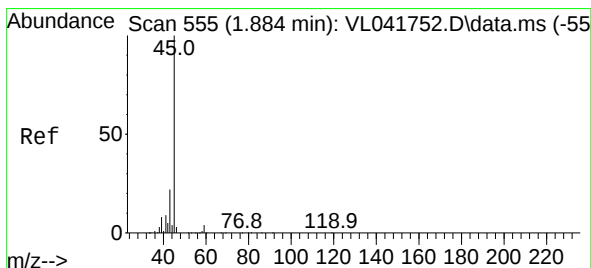
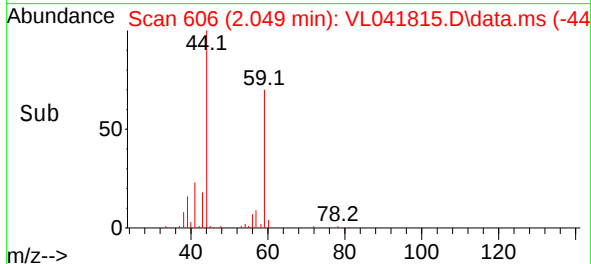
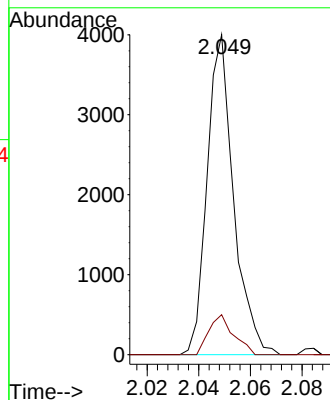
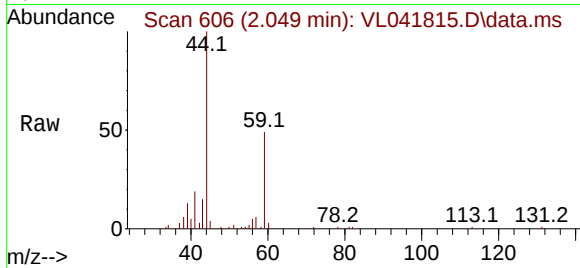
ClientSampleId :

Tgt Ion: 59 Resp: 2850

Ion Ratio Lower Upper

59 100

57 11.6 8.6 13.0



#19

Isopropyl Alcohol

Concen: 2.050 ppbv

RT: 1.890 min Scan# 557

Delta R.T. 0.006 min

Lab File: VL041815.D

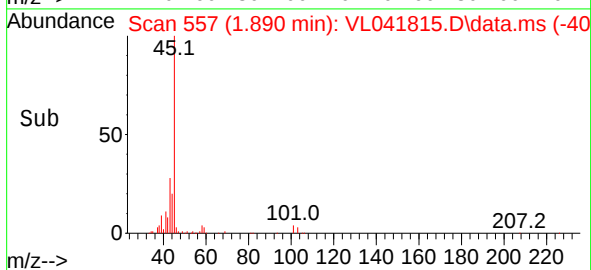
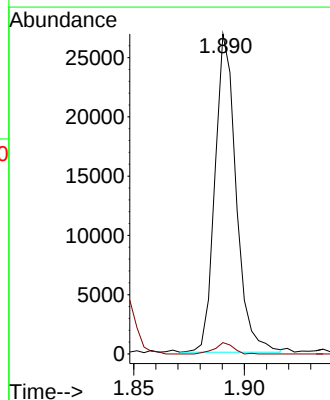
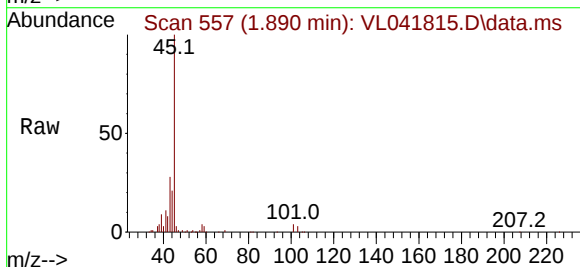
Acq: 19 Dec 2024 02:59

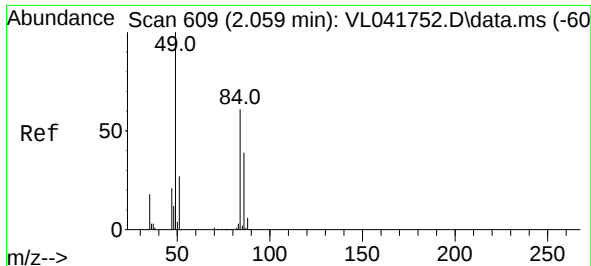
Tgt Ion: 45 Resp: 17919

Ion Ratio Lower Upper

45 100

58 3.1 33.3 49.9#





#20

Methylene Chloride

Concen: 1.245 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

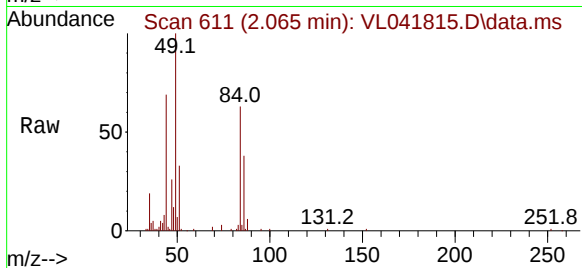
Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

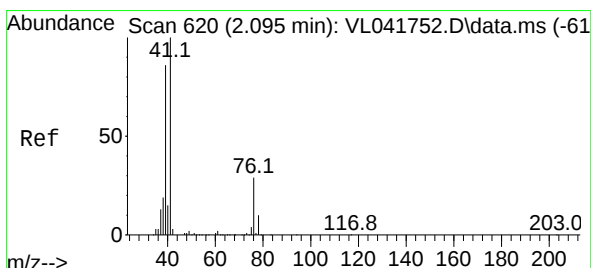
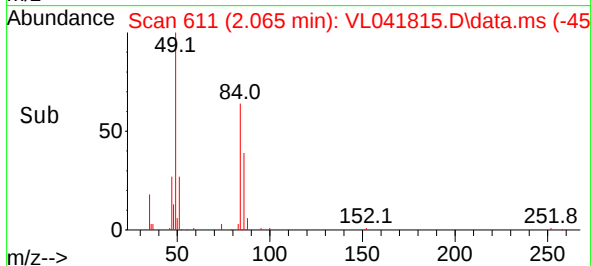
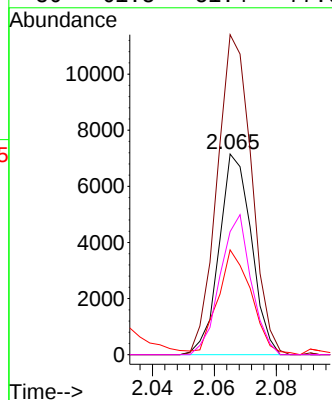
MSVOA_L

ClientSampleId :



Tgt Ion: 84 Resp: 5172

Ion	Ratio	Lower	Upper
84	100		
49	159.5	132.6	198.8
51	50.7	37.6	56.4
86	61.3	51.4	77.0



#21

Allyl Chloride

Concen: 0.103 ppbv

RT: 2.237 min Scan# 664

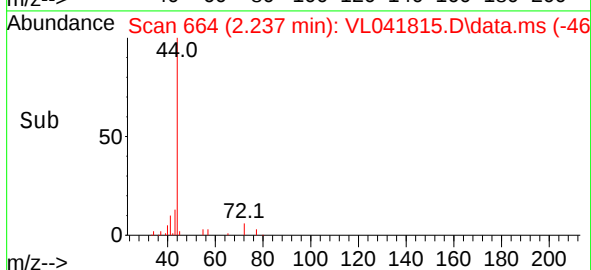
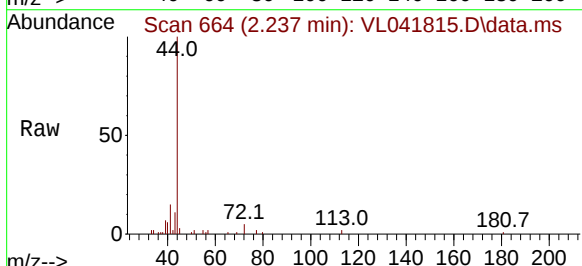
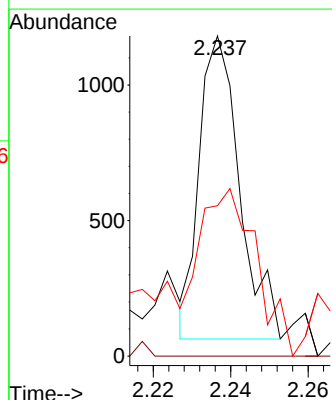
Delta R.T. 0.142 min

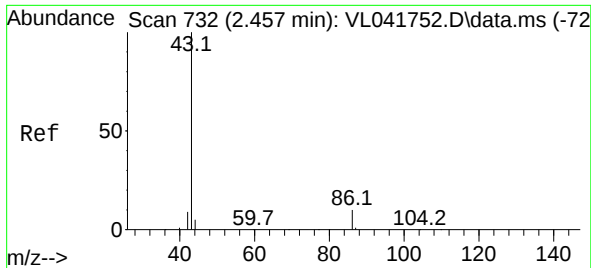
Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Tgt Ion: 41 Resp: 810

Ion	Ratio	Lower	Upper
41	100		
76	30.5	22.3	33.5
39	81.2	69.2	103.8



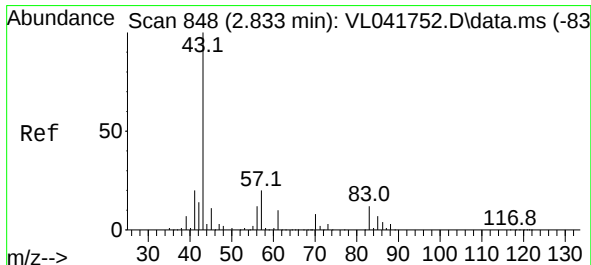
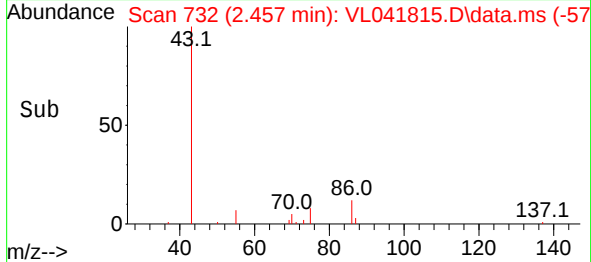
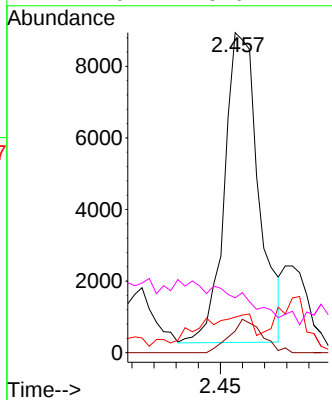
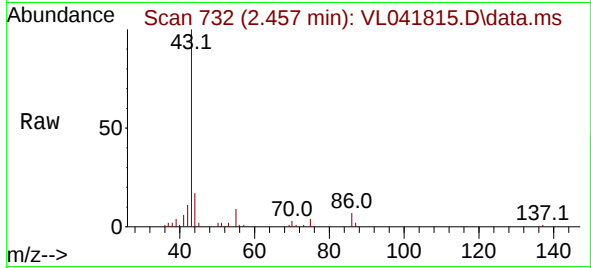


#23
 Vinyl Acetate
 Concen: 1.377 ppbv
 RT: 2.457 min Scan# 741
 Delta R.T. -0.000 min
 Lab File: VL041815.D
 Acq: 19 Dec 2024 02:59

Instrument :
 MSVOA_1
 ClientSampleId :

Tgt Ion: 43 Resp: 9315

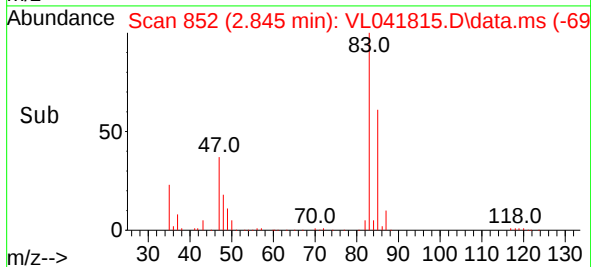
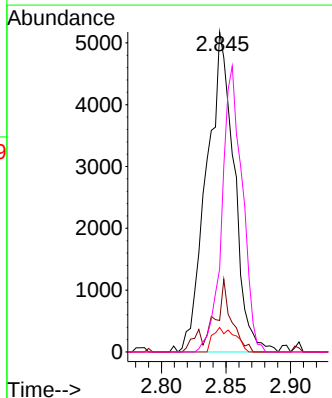
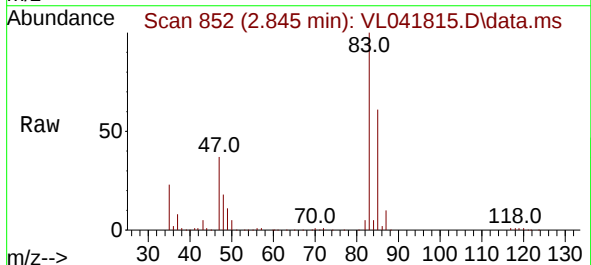
Ion	Ratio	Lower	Upper
43	100		
86	7.0	6.6	10.0
42	7.4	8.2	12.2#
44	6.4	5.0	7.4

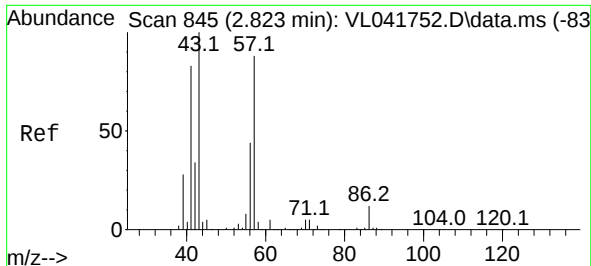


#25
 Ethyl Acetate
 Concen: 0.282 ppbv
 RT: 2.845 min Scan# 852
 Delta R.T. 0.012 min
 Lab File: VL041815.D
 Acq: 19 Dec 2024 02:59

Tgt Ion: 43 Resp: 7649

Ion	Ratio	Lower	Upper
43	100		
45	15.0	8.1	12.1#
61	6.1	7.0	10.6#
70	66.0	6.5	9.7#

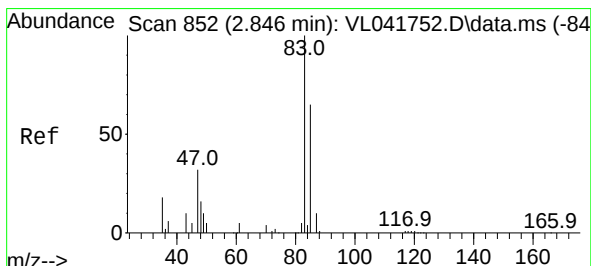
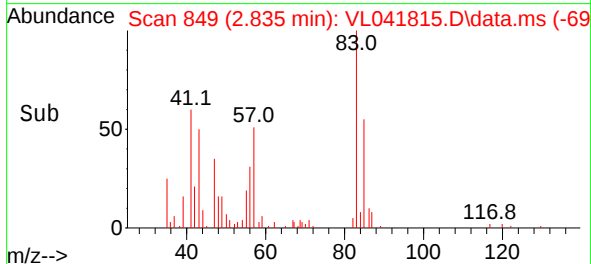
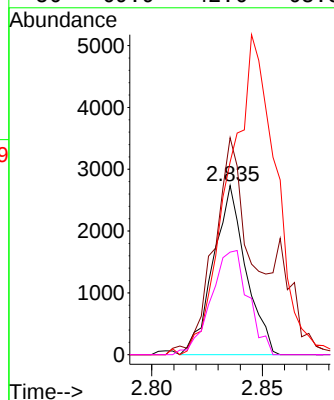
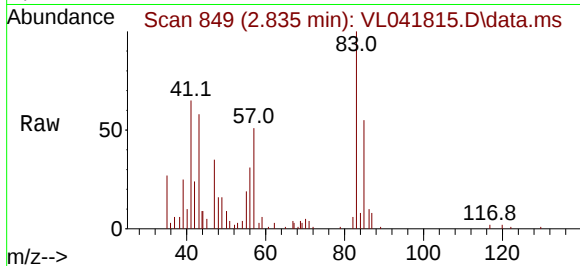




#26
Hexane
Concen: 0.273 ppbv
RT: 2.835 min Scan# 845
Delta R.T. 0.012 min
Lab File: VL041815.D
Acq: 19 Dec 2024 02:59

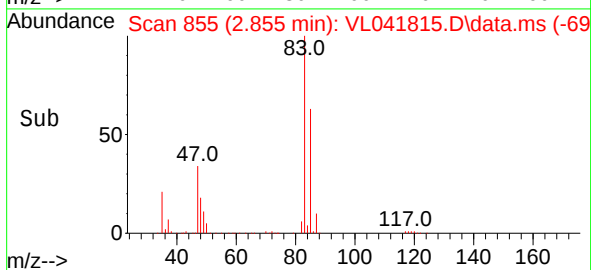
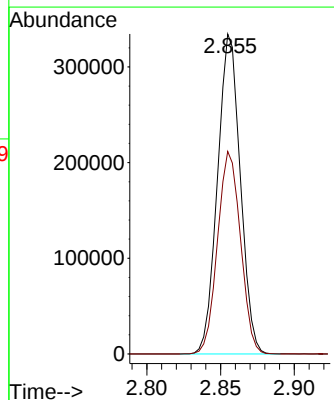
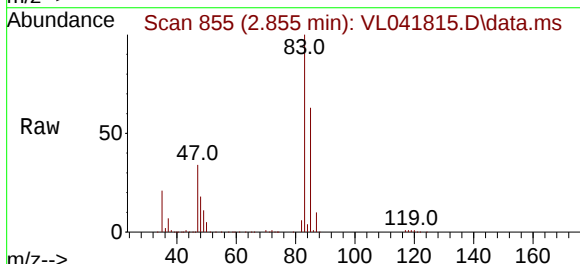
Instrument :
MSVOA_L
ClientSampleId :

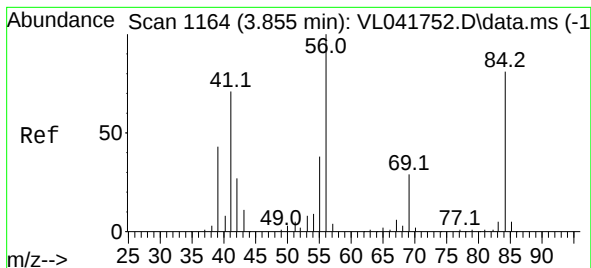
Tgt Ion: 57 Resp: 2807
Ion Ratio Lower Upper
57 100
41 185.0 79.6 119.4#
43 276.3 211.0 316.6
56 69.9 42.6 63.8#



#29
Chloroform
Concen: 22.942 ppbv
RT: 2.855 min Scan# 855
Delta R.T. 0.009 min
Lab File: VL041815.D
Acq: 19 Dec 2024 02:59

Tgt Ion: 83 Resp: 359474
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.6





#30

Cyclohexane

Concen: 0.045 ppbv

RT: 3.865 min Scan# 1164

Delta R.T. 0.009 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

ClientSampleId :

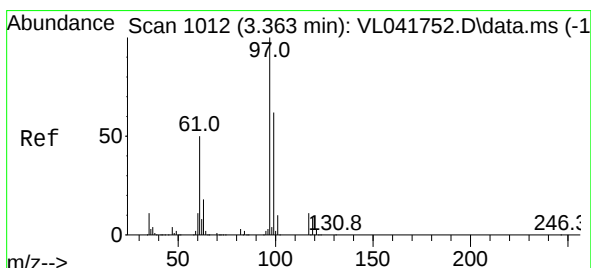
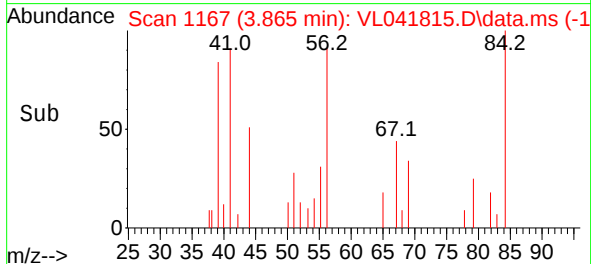
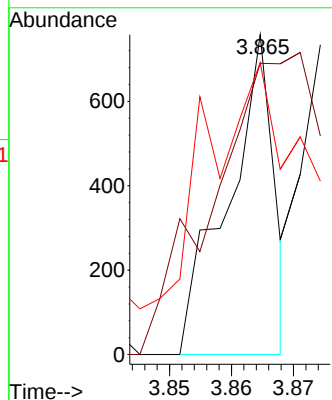
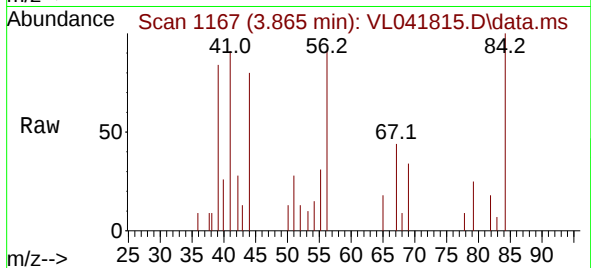
Tgt Ion: 84 Resp: 396

Ion Ratio Lower Upper

84 100

56 0.0 102.3 153.5#

41 292.4 74.0 111.0#



#32

1,1,1-Trichloroethane

Concen: 0.116 ppbv

RT: 3.376 min Scan# 1016

Delta R.T. 0.012 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

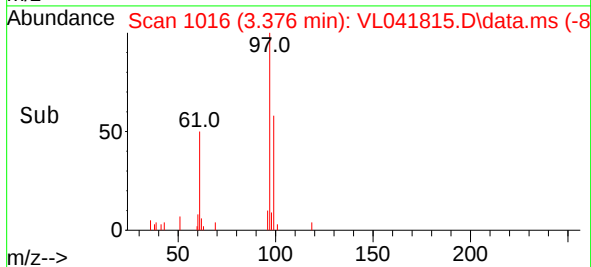
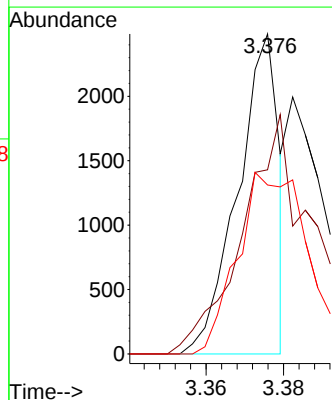
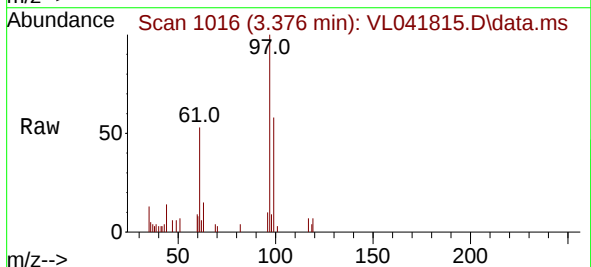
Tgt Ion: 97 Resp: 1842

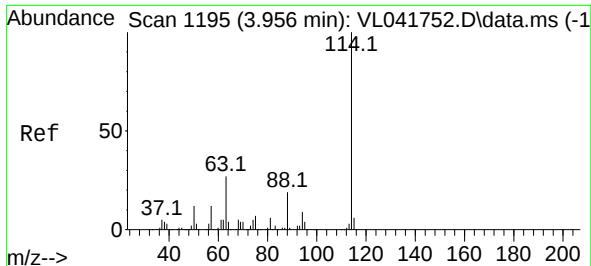
Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.4#

61 98.3 42.2 63.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.971 min Scan# 1195

Delta R.T. 0.016 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

ClientSampleId :

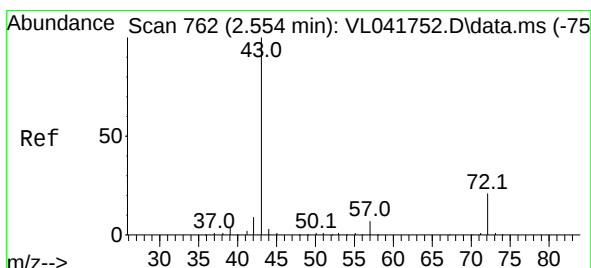
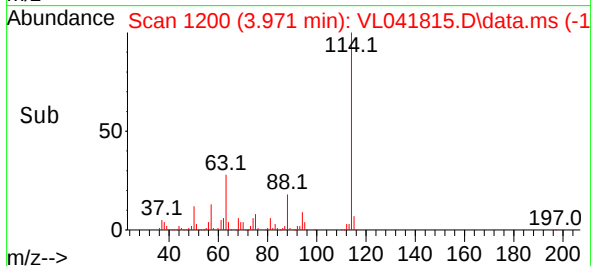
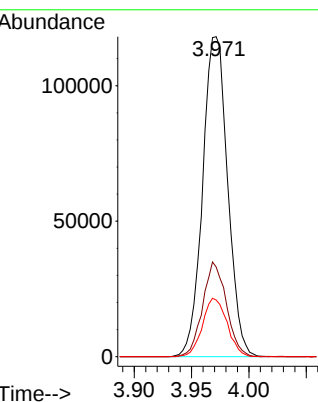
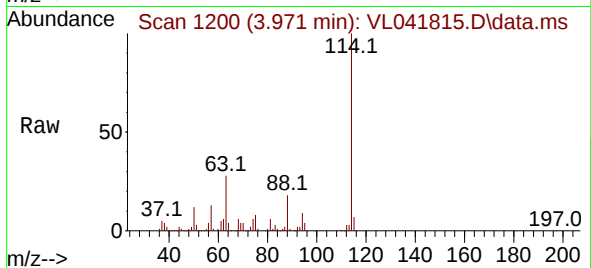
Tgt Ion:114 Resp: 179512

Ion Ratio Lower Upper

114 100

63 28.1 21.8 32.8

88 18.0 14.8 22.2



#34

2-Butanone

Concen: 0.649 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.012 min

Lab File: VL041815.D

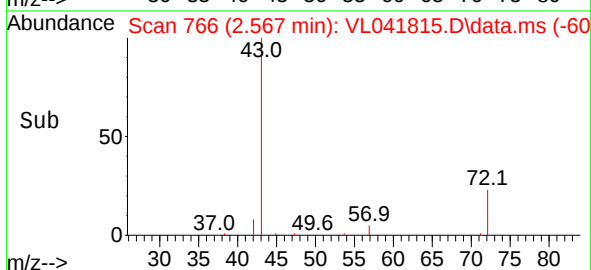
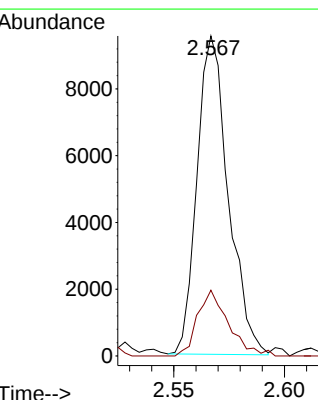
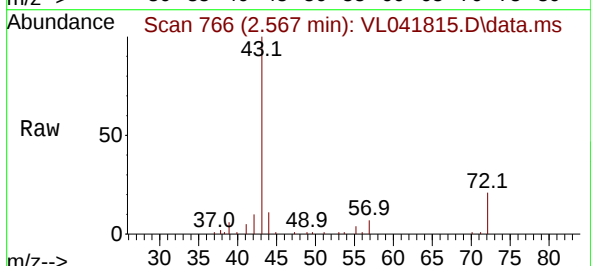
Acq: 19 Dec 2024 02:59

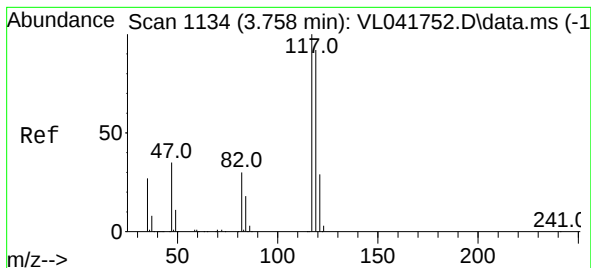
Tgt Ion: 43 Resp: 9372

Ion Ratio Lower Upper

43 100

72 20.5 16.8 25.2





#35

Carbon Tetrachloride

Concen: 1.455 ppbv

RT: 3.774 min Scan# 1139

Delta R.T. 0.016 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

ClientSampleId :

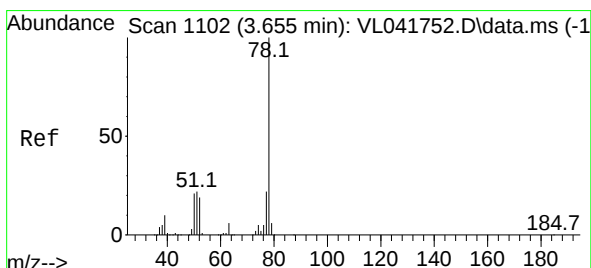
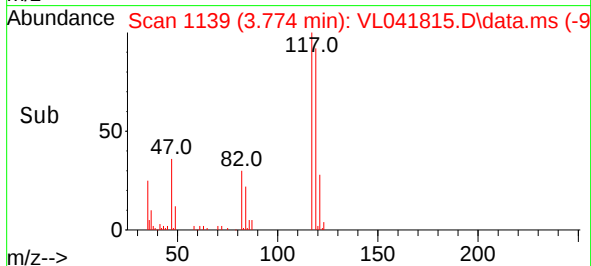
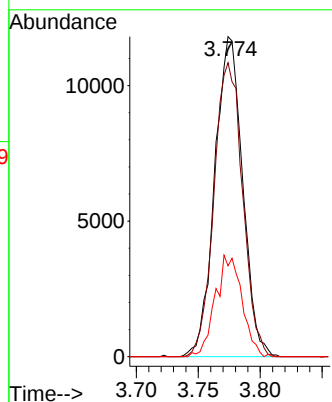
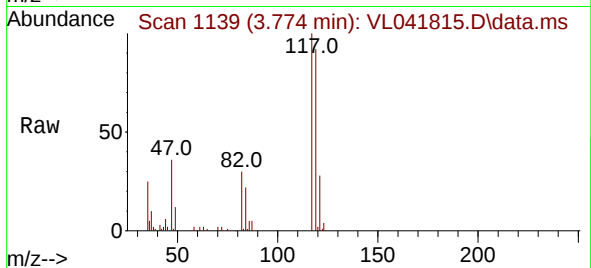
Tgt Ion:117 Resp: 18537

Ion Ratio Lower Upper

117 100

119 91.8 73.7 110.5

121 28.4 23.0 34.4



#36

Benzene

Concen: 0.094 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.009 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

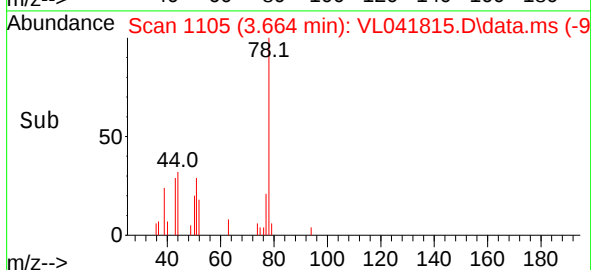
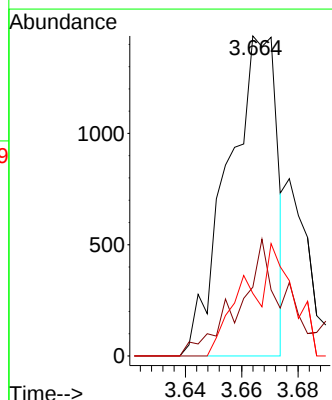
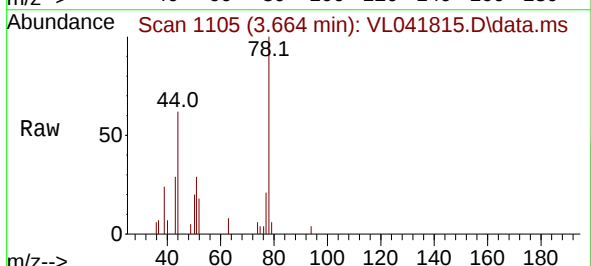
Tgt Ion: 78 Resp: 1740

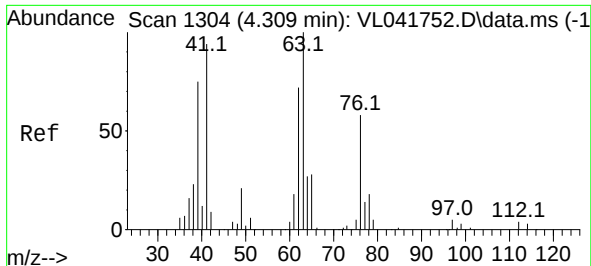
Ion Ratio Lower Upper

78 100

77 21.5 17.8 26.6

50 19.5 17.2 25.8





#39

1,2-Dichloropropane

Concen: 7.502 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.340 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

ClientSampleId :

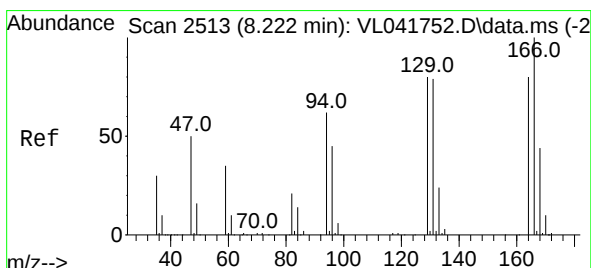
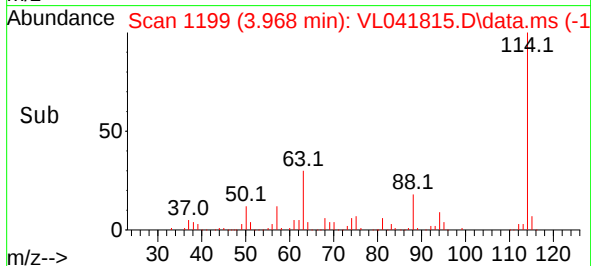
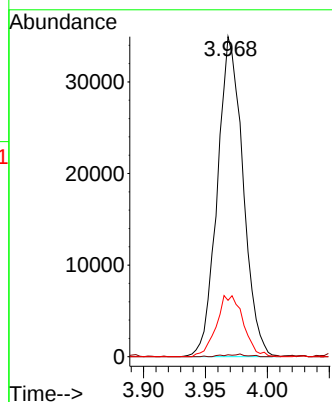
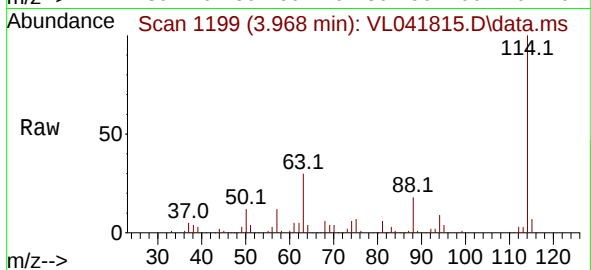
Tgt Ion: 63 Resp: 50381

Ion Ratio Lower Upper

63 100

41 0.6 75.3 112.9#

62 17.6 57.3 85.9#



#52

Tetrachloroethene

Concen: 0.483 ppbv

RT: 8.237 min Scan# 2518

Delta R.T. 0.016 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Tgt Ion:164 Resp: 3337

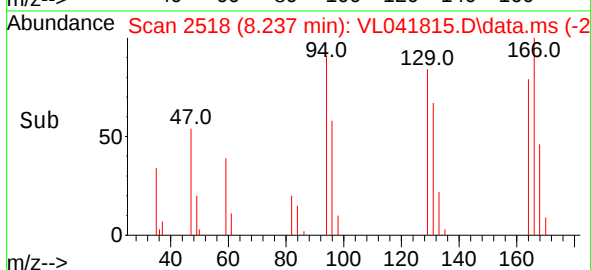
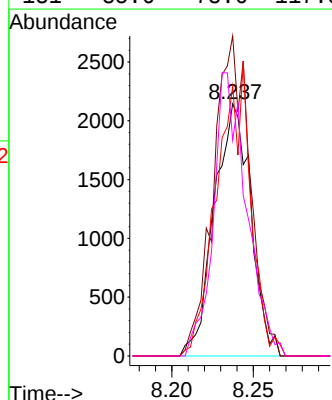
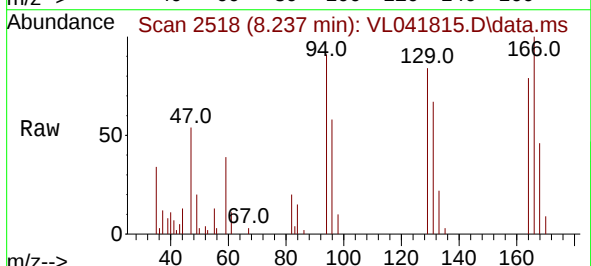
Ion Ratio Lower Upper

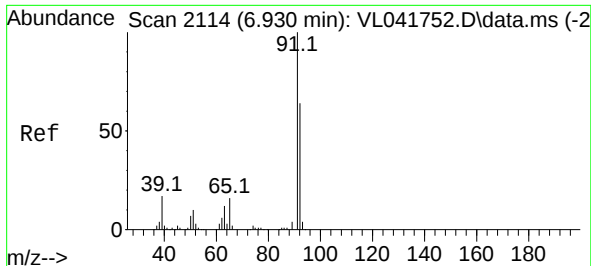
164 100

166 126.9 99.8 149.6

129 107.0 79.6 119.4

131 85.6 78.6 117.8





#53

Toluene

Concen: 1.795 ppbv

RT: 6.952 min Scan# 2114

Delta R.T. 0.022 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

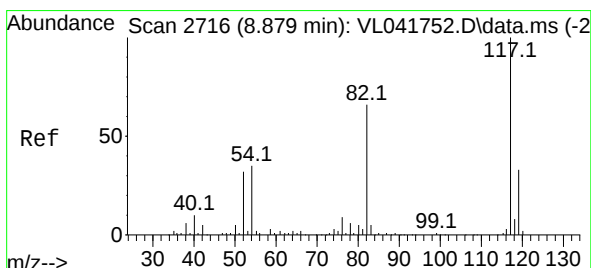
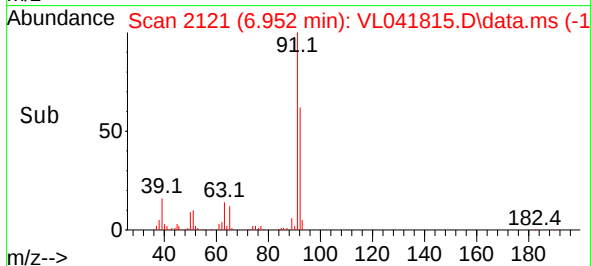
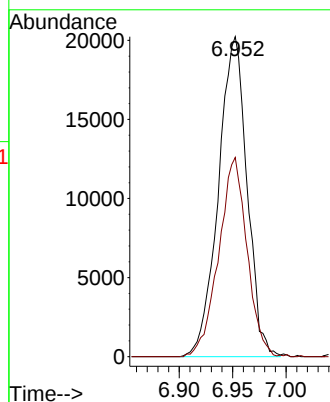
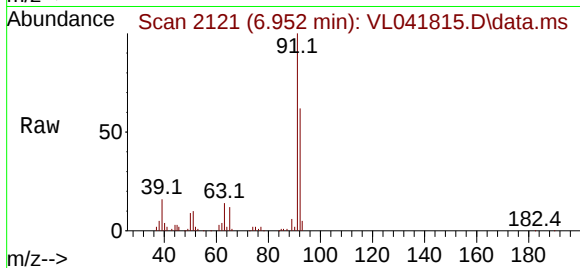
ClientSampleId :

Tgt Ion: 91 Resp: 37782

Ion Ratio Lower Upper

91 100

92 61.6 47.9 71.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 2721

Delta R.T. 0.016 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

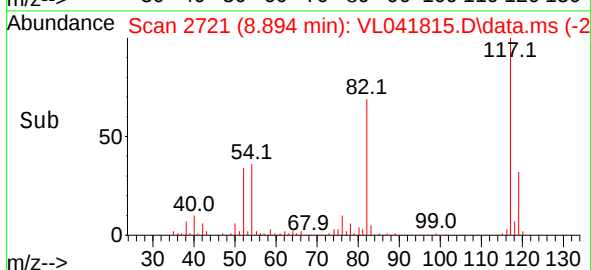
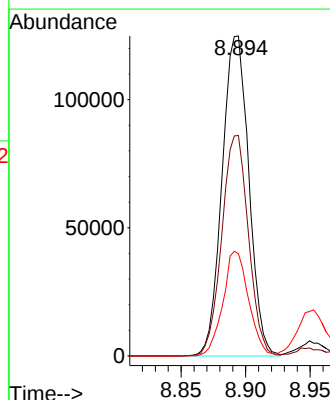
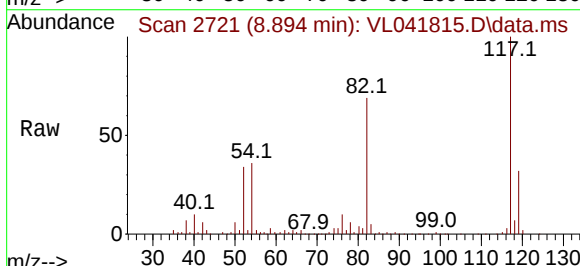
Tgt Ion: 117 Resp: 179898

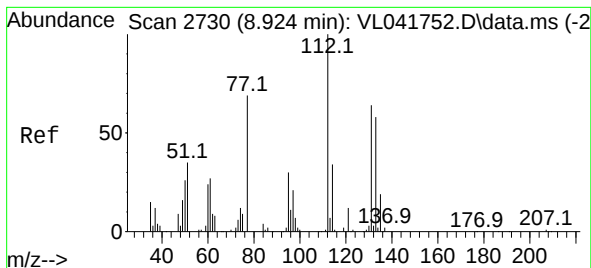
Ion Ratio Lower Upper

117 100

82 68.7 53.8 80.8

119 31.3 26.7 40.1





#56

1,1,1,2-Tetrachloroethane

Concen: 0.354 ppbv

RT: 8.953 min Scan# 21

Delta R.T. 0.029 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

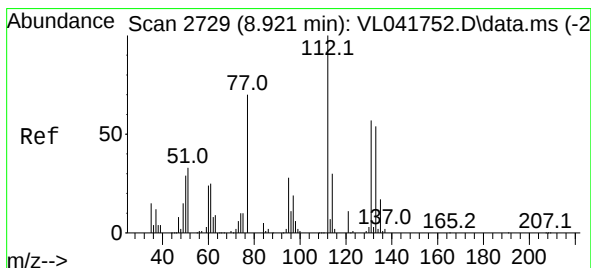
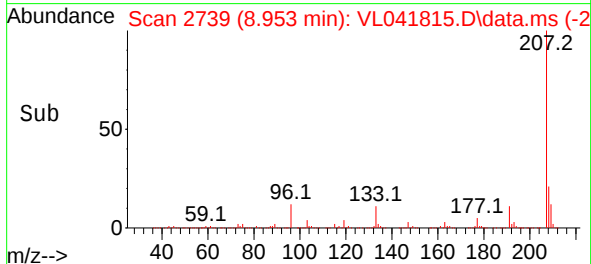
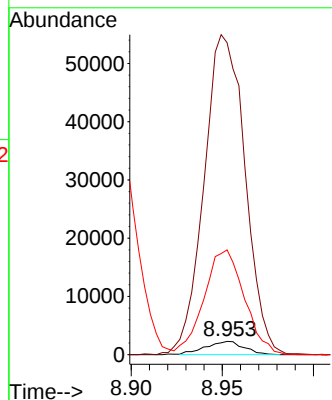
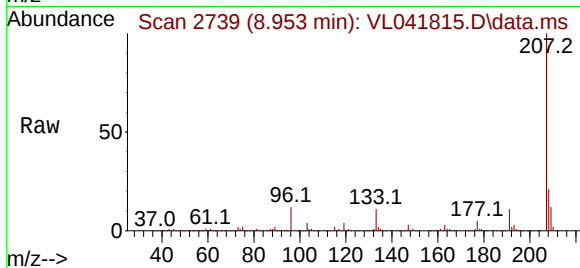
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:131 Resp: 3375

Ion	Ratio	Lower	Upper
131	100		
133	2552.9	76.8	115.2#
119	823.2	49.0	73.6#



#57

Chlorobenzene

Concen: 0.116 ppbv

RT: 8.930 min Scan# 2732

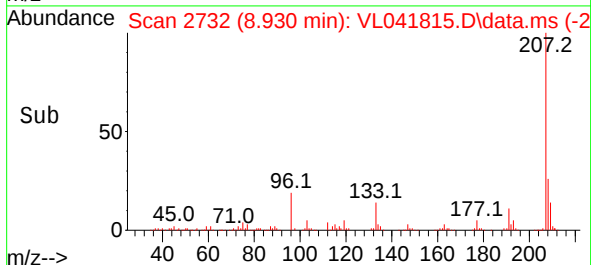
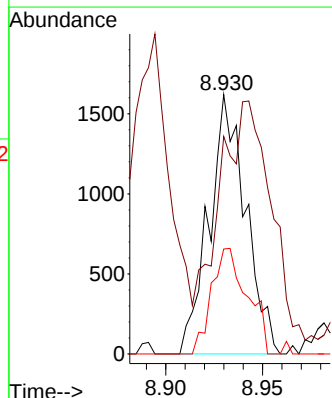
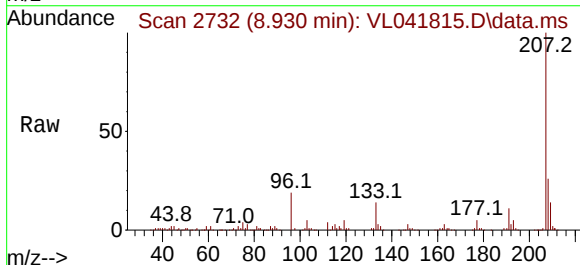
Delta R.T. 0.009 min

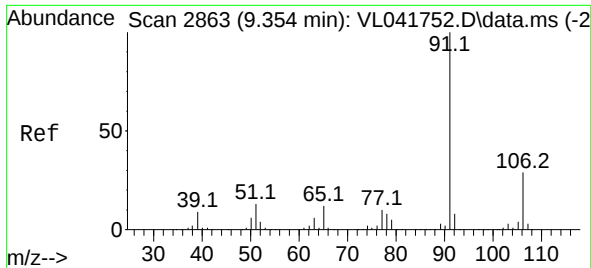
Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Tgt Ion:112 Resp: 2128

Ion	Ratio	Lower	Upper
112	100		
77	41.9	57.4	86.0#
114	40.5	27.4	33.4#





#58

Ethyl Benzene

Concen: 0.317 ppbv

RT: 9.364 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

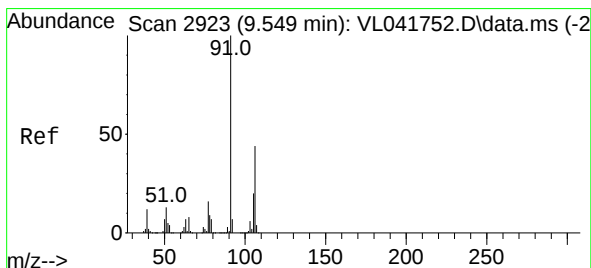
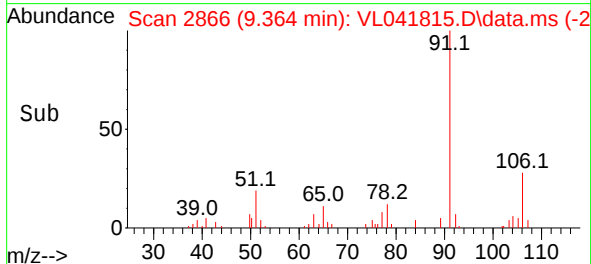
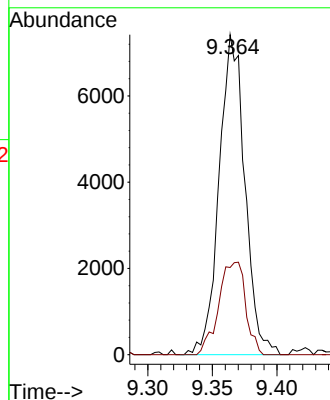
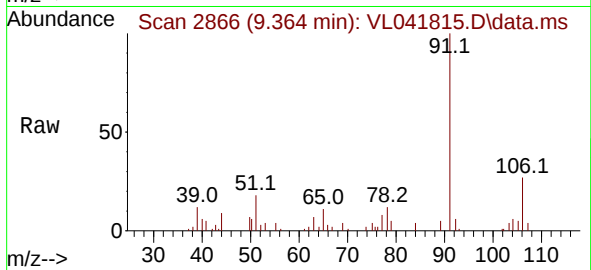
ClientSampleId :

Tgt Ion: 91 Resp: 10278

Ion Ratio Lower Upper

91 100

106 27.2 23.5 35.3



#59

m/p-Xylene

Concen: 1.279 ppbv

RT: 9.545 min Scan# 2922

Delta R.T. -0.004 min

Lab File: VL041815.D

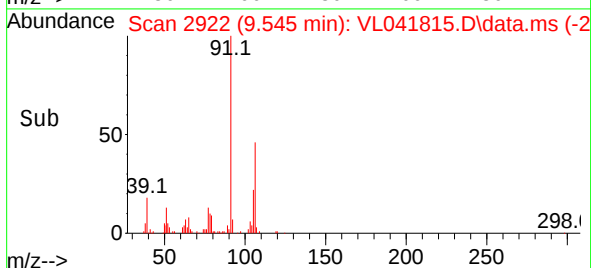
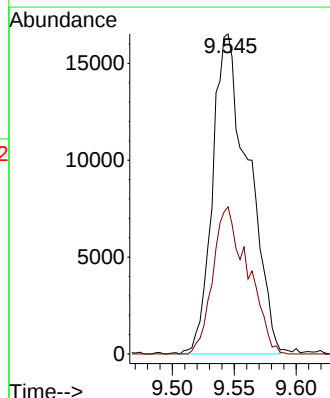
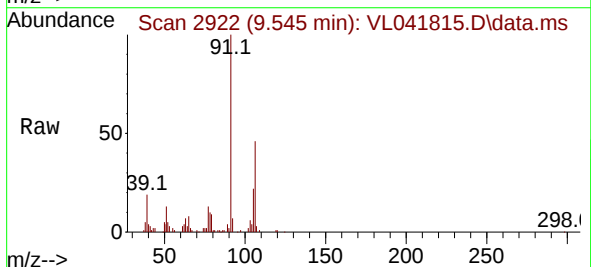
Acq: 19 Dec 2024 02:59

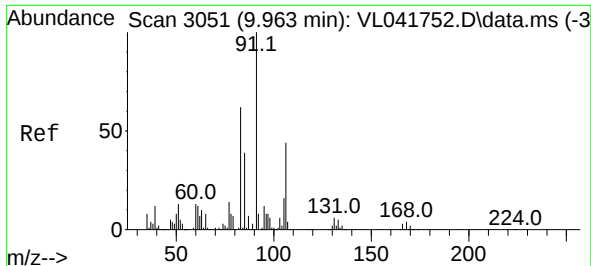
Tgt Ion: 91 Resp: 33305

Ion Ratio Lower Upper

91 100

106 44.9 0.0 0.0#





#60

o-Xylene

Concen: 0.533 ppbv

RT: 9.972 min Scan# 3051

Delta R.T. 0.009 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

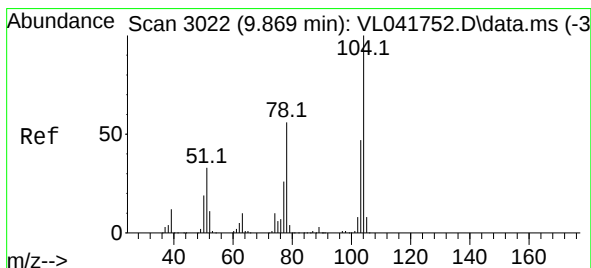
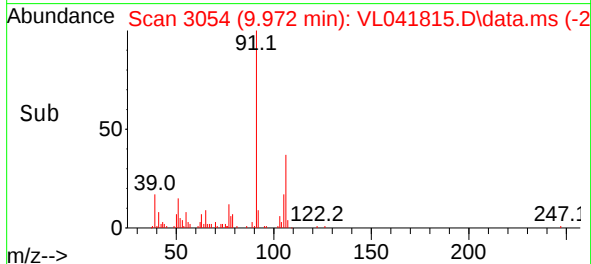
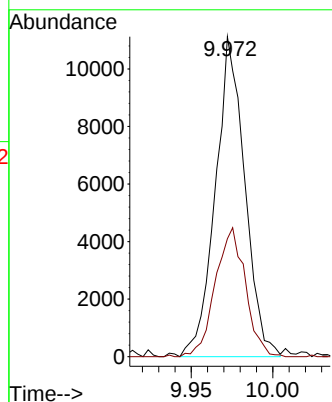
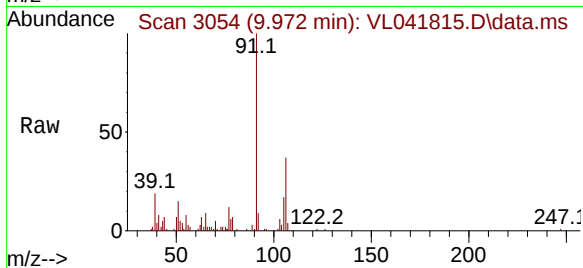
ClientSampleId :

Tgt Ion: 91 Resp: 13916

Ion Ratio Lower Upper

91 100

106 41.4 21.1 63.4



#61

Styrene

Concen: 0.336 ppbv

RT: 9.882 min Scan# 3026

Delta R.T. 0.012 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

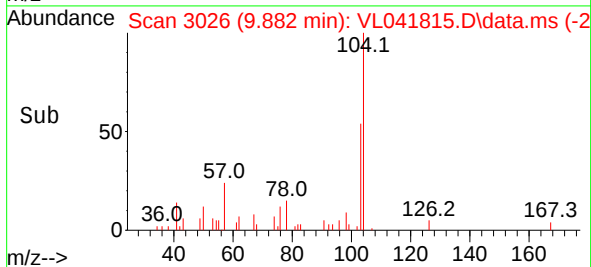
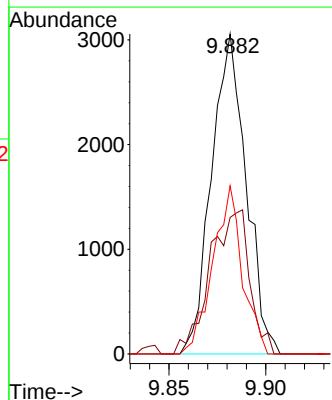
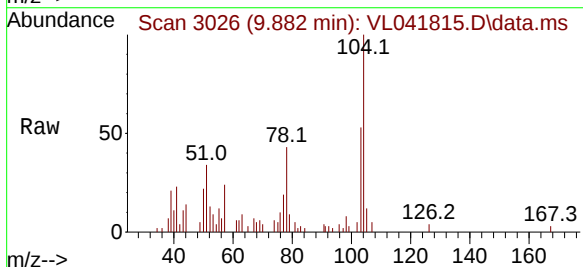
Tgt Ion: 104 Resp: 3795

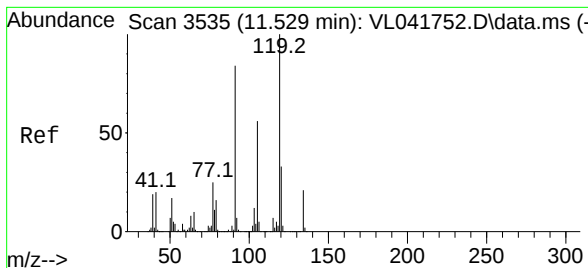
Ion Ratio Lower Upper

104 100

78 52.6 43.8 65.6

103 44.7 37.8 56.6





#65

tert-Butylbenzene

Concen: 5.883 ppbv

RT: 11.798 min Scan# 3618

Delta R.T. 0.268 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_1

ClientSampleId :

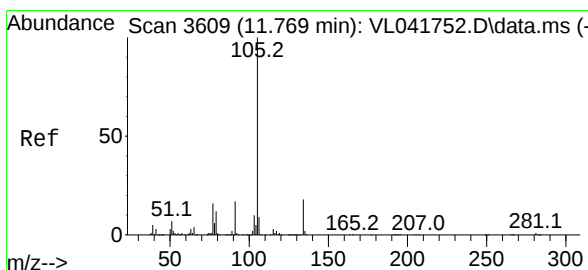
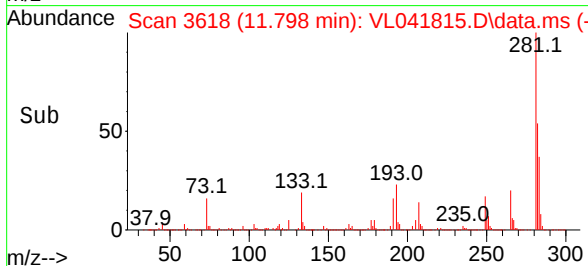
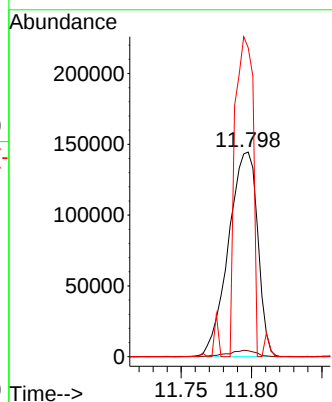
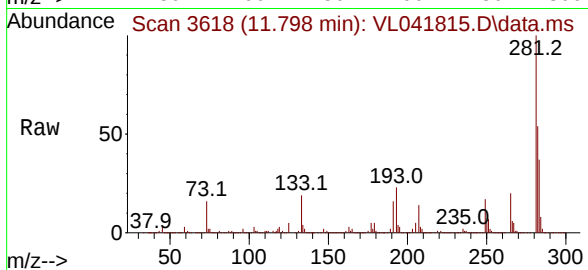
Tgt Ion:119 Resp: 208262

Ion Ratio Lower Upper

119 100

91 3.3 67.0 100.4#

134 100.1 16.5 24.7#



#67

sec-Butylbenzene

Concen: 1.147 ppbv

RT: 11.798 min Scan# 3618

Delta R.T. 0.029 min

Lab File: VL041815.D

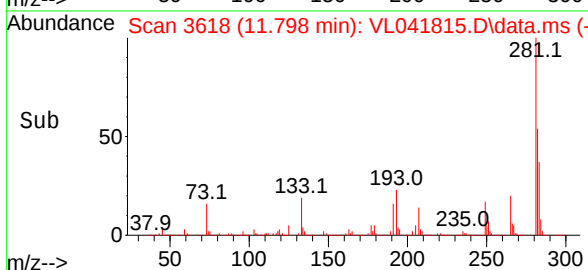
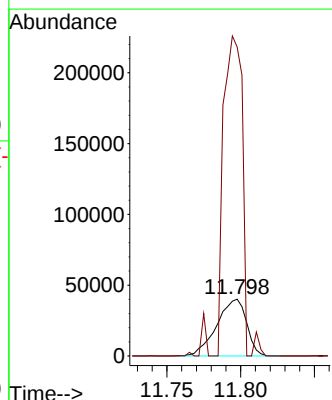
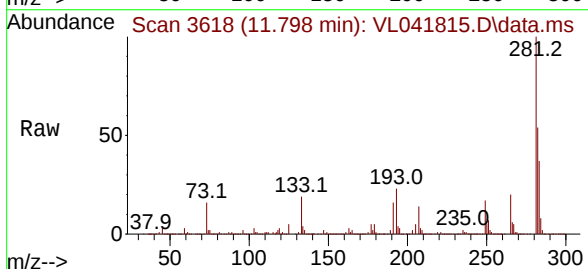
Acq: 19 Dec 2024 02:59

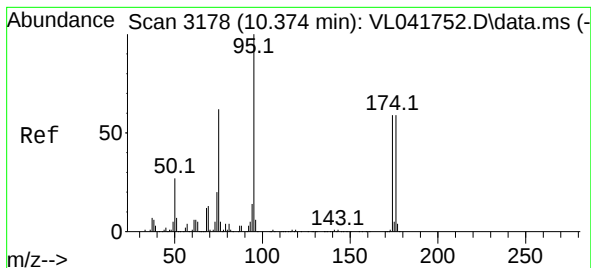
Tgt Ion:105 Resp: 56190

Ion Ratio Lower Upper

105 100

134 371.1 14.5 21.7#

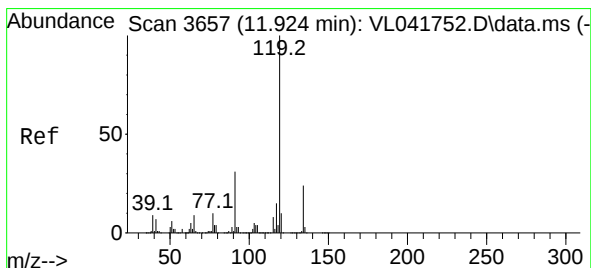
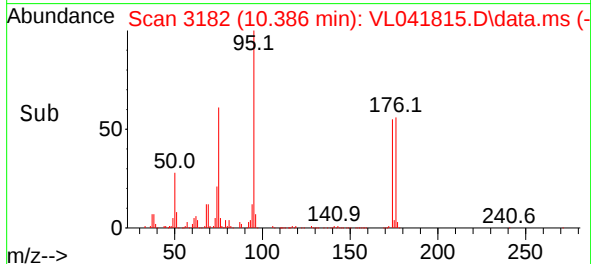
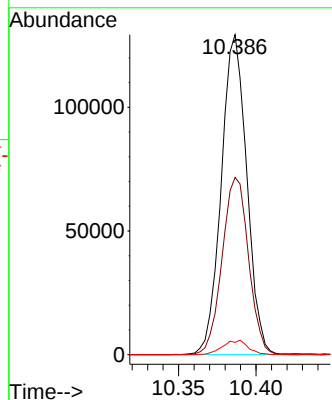
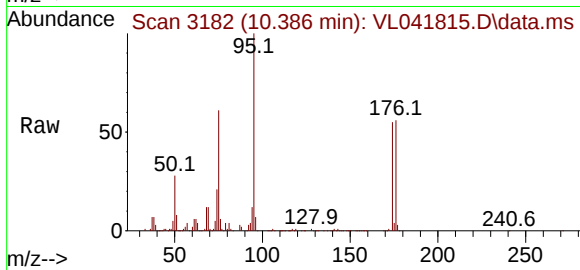




#68
1-Bromo-4-Fluorobenzene
Concen: 9.859 ppbv
RT: 10.386 min Scan# 3178
Delta R.T. 0.012 min
Lab File: VL041815.D
Acq: 19 Dec 2024 02:59

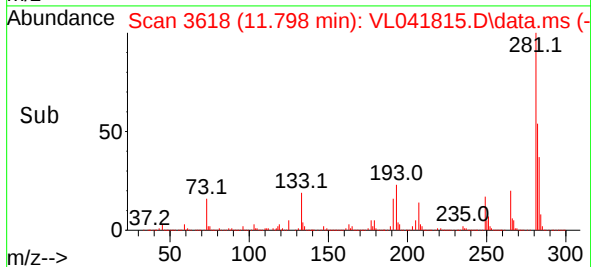
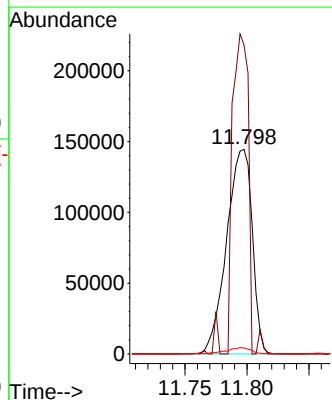
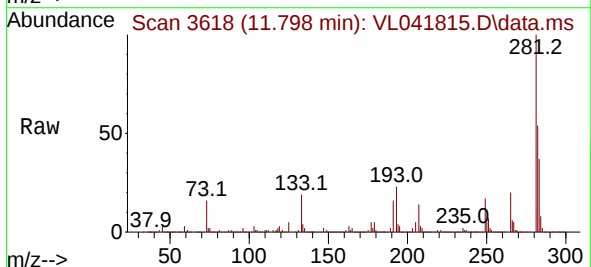
Instrument :
MSVOA_L
ClientSampleId :

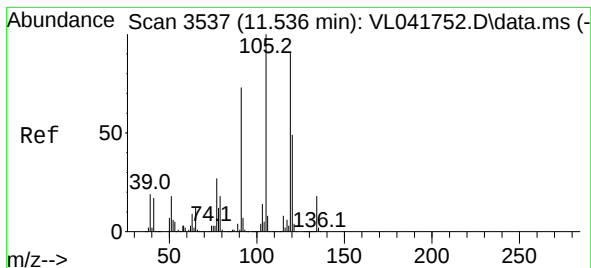
Tgt Ion: 95 Resp: 147798
Ion Ratio Lower Upper
95 100
174 57.5 47.6 71.4
175 4.5 3.7 5.5



#69
p-Isopropyltoluene
Concen: 5.162 ppbv
RT: 11.798 min Scan# 3618
Delta R.T. -0.127 min
Lab File: VL041815.D
Acq: 19 Dec 2024 02:59

Tgt Ion: 119 Resp: 208388
Ion Ratio Lower Upper
119 100
134 100.1 19.6 29.4#
91 3.3 24.4 36.6#





#74

1,2,4-Trimethylbenzene

Concen: 0.165 ppbv

RT: 11.545 min Scan# 3537

Delta R.T. 0.009 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 4532

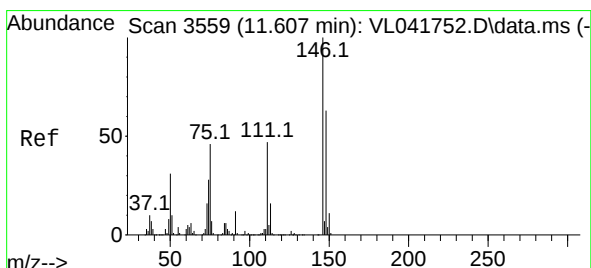
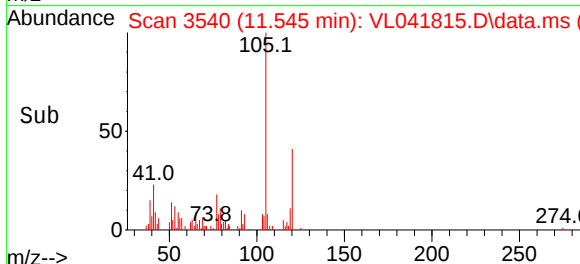
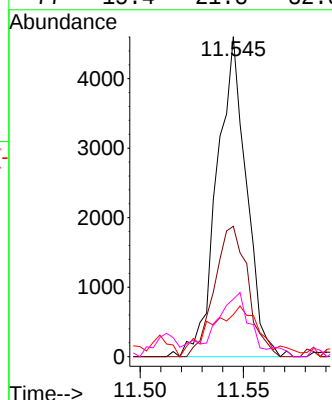
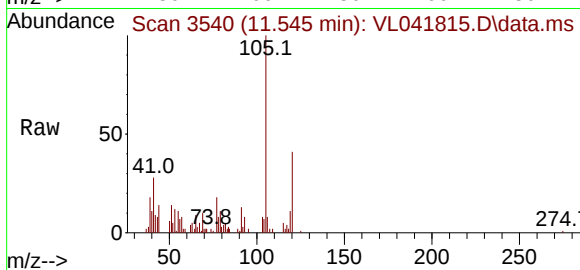
Ion Ratio Lower Upper

105 100

120 40.7 39.0 58.4

91 13.2 58.1 87.1#

77 15.4 21.8 32.8#



#75

1,3-Dichlorobenzene

Concen: 0.070 ppbv

RT: 11.778 min Scan# 3612

Delta R.T. 0.171 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

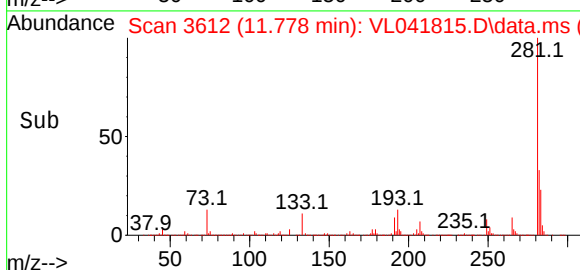
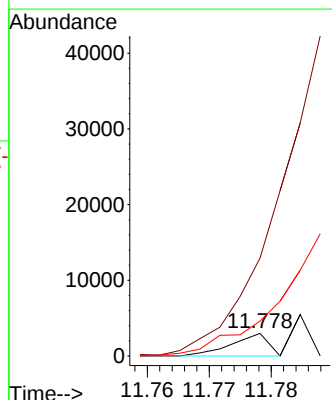
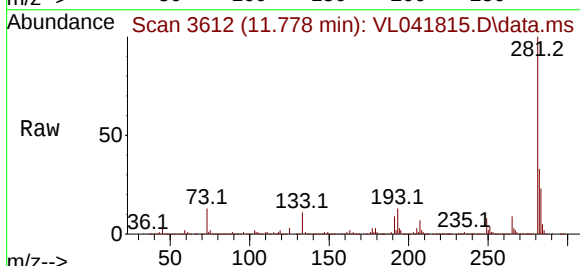
Tgt Ion:146 Resp: 1225

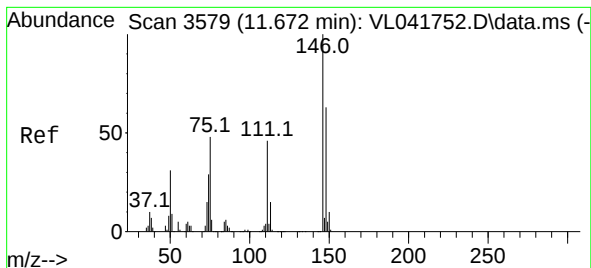
Ion Ratio Lower Upper

146 100

111 0.0 23.4 70.3#

148 0.0 31.6 95.0#





#76

1,4-Dichlorobenzene

Concen: 0.071 ppbv

RT: 11.778 min Scan# 3612

Delta R.T. 0.106 min

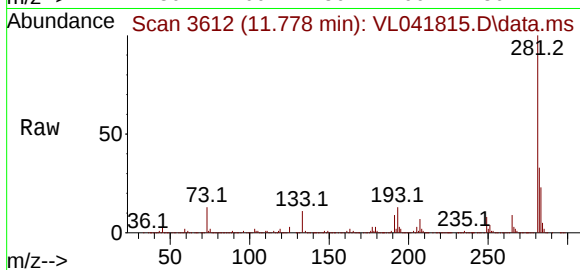
Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_1

ClientSampleId :



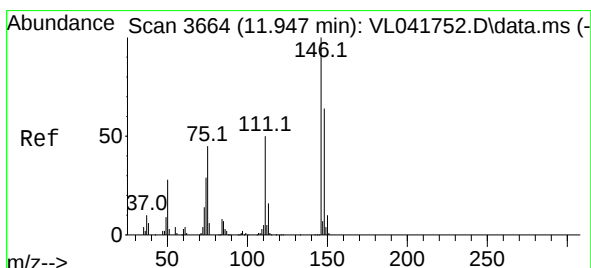
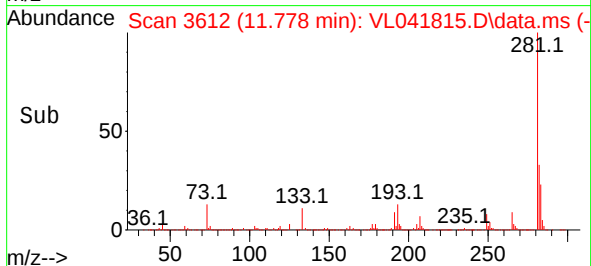
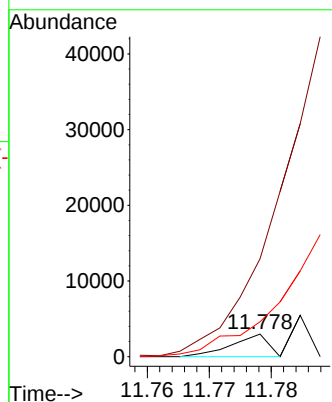
Tgt Ion:146 Resp: 1225

Ion Ratio Lower Upper

146 100

111 0.0 22.7 68.1#

148 0.0 31.4 94.0#



#77

1,2-Dichlorobenzene

Concen: 0.045 ppbv

RT: 11.807 min Scan# 3621

Delta R.T. -0.140 min

Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

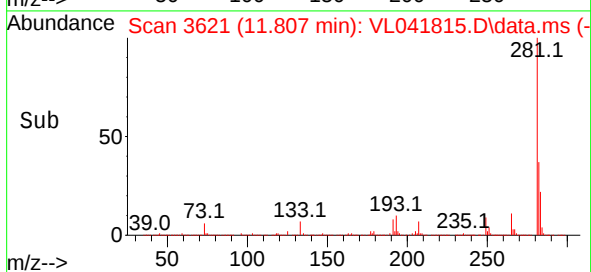
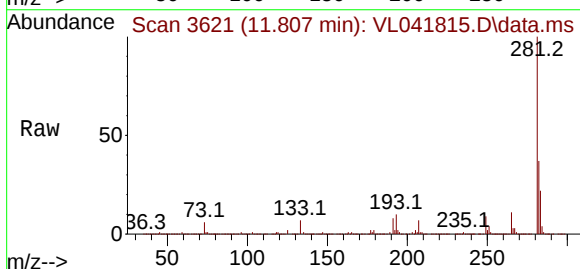
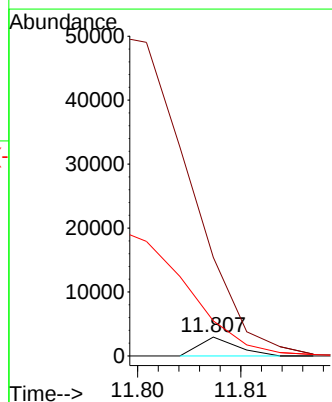
Tgt Ion:146 Resp: 751

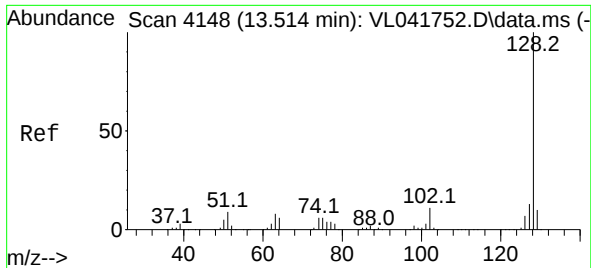
Ion Ratio Lower Upper

146 100

111 9760.1 24.8 74.3#

148 3682.2 31.8 95.4#





#79

Naphthalene

Concen: 0.050 ppbv

RT: 13.520 min Scan# 41

Delta R.T. 0.006 min

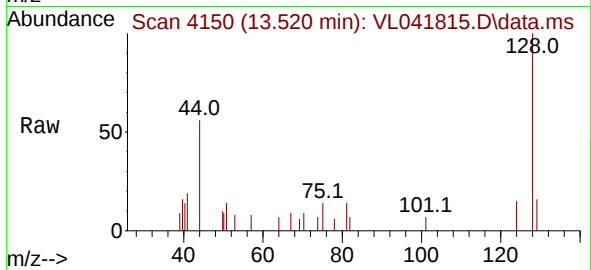
Lab File: VL041815.D

Acq: 19 Dec 2024 02:59

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:128 Resp: 949

Ion	Ratio	Lower	Upper
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128	100		
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127	0.0	10.7	16.1#
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129	15.8	8.2	12.4#
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