

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041801.D
 Acq On : 18 Dec 2024 19:24
 Operator : SY/MD
 Sample : P5296-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 19 07:58:06 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	2.797	49	75382	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.975	114	191938	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.895	117	165356	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	146176	10.608	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.100%

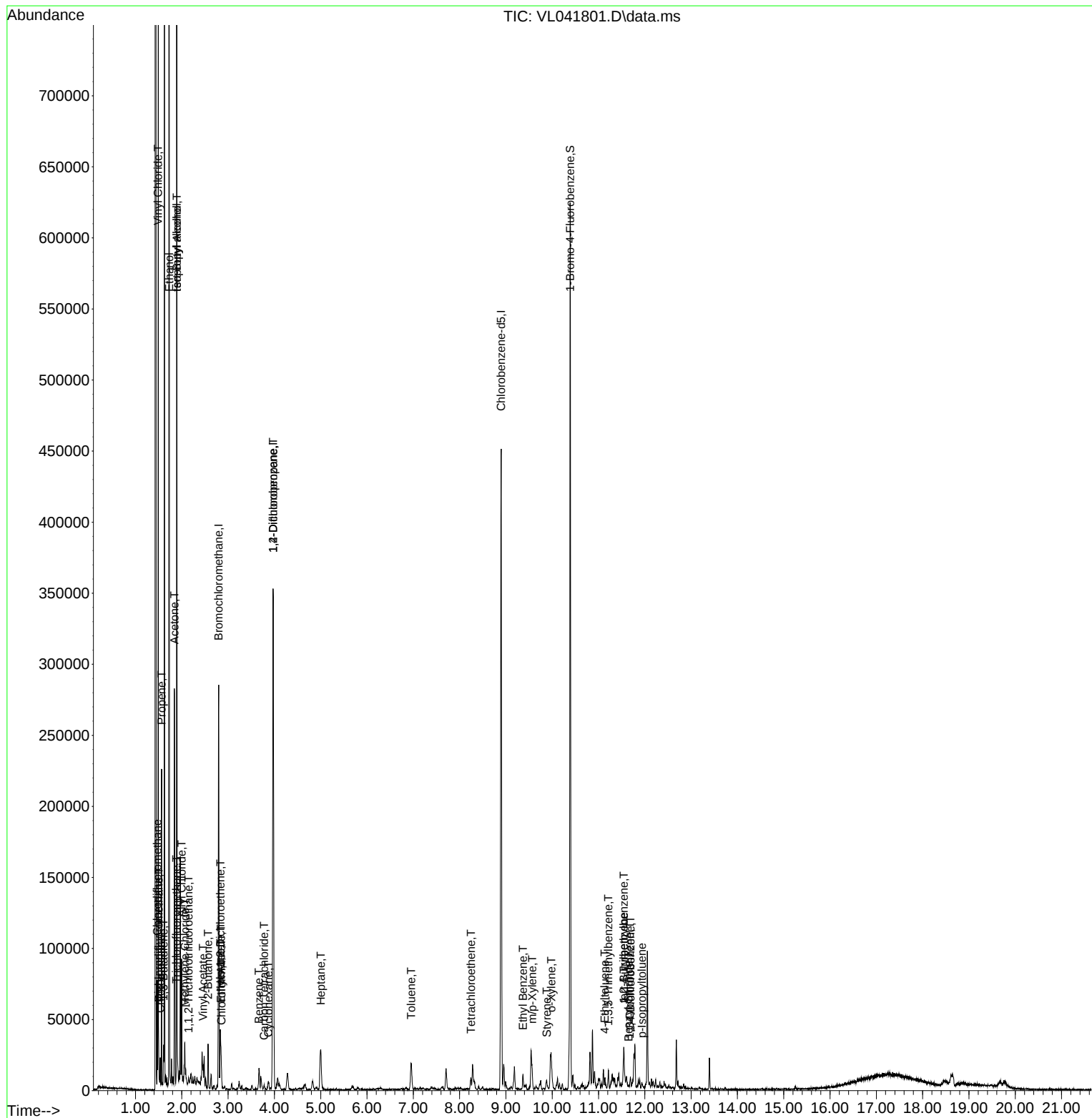
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.502	85	4603	0.343	ppbv #	81
3) Chlorodifluoromethane	1.470	51	18627	1.515	ppbv #	68
4) Chloromethane	1.534	50	4863	0.927	ppbv	92
5) Vinyl Chloride	1.489	62	161	0.030	ppbv #	84
9) Propene	1.564	41	21491	4.033	ppbv	88
10) Heptane	5.001	43	23941	1.749	ppbv #	42
11) Trichlorofluoromethane	1.881	101	2904	0.204	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.146	101	580	0.054	ppbv	95
13) Ethanol	1.725	45	702801	1592.927	ppbv	95
15) Acetone	1.839	43	130310	8.884	ppbv	96
16) 1,3-Butadiene	1.606	39	3918	0.678	ppbv	85
17) tert-Butyl alcohol	1.891	59	11009	0.757	ppbv	96
19) Isopropyl Alcohol	1.891	45	301539	34.263	ppbv #	36
20) Methylene Chloride	2.069	84	1880	0.450	ppbv #	93
21) Allyl Chloride	1.997	41	4262	0.536	ppbv #	1
23) Vinyl Acetate	2.460	43	5980	0.878	ppbv #	86
25) Ethyl Acetate	2.845	43	14961	0.548	ppbv #	18
26) Hexane	2.836	57	3894	0.376	ppbv #	49
29) Chloroform	2.858	83	2077	0.132	ppbv	99
30) Cyclohexane	3.871	84	724	0.082	ppbv #	1
31) cis-1,2-Dichloroethene	2.832	61	567	0.053	ppbv #	26
34) 2-Butanone	2.567	43	18388	1.191	ppbv	99
35) Carbon Tetrachloride	3.777	117	780	0.057	ppbv #	71
36) Benzene	3.667	78	8357	0.421	ppbv	98
39) 1,2-Dichloropropane	3.975	63	52948	7.374	ppbv #	17
52) Tetrachloroethene	8.244	164	1104	0.149	ppbv	93
53) Toluene	6.956	91	7123	0.316	ppbv #	31
58) Ethyl Benzene	9.367	91	5312	0.178	ppbv	96
59) m/p-Xylene	9.568	91	2894	0.121	ppbv #	100
60) o-Xylene	9.979	91	7510	0.313	ppbv	100
61) Styrene	9.885	104	550	0.053	ppbv #	81
65) tert-Butylbenzene	11.545	119	1092	0.034	ppbv #	6
66) Benzyl Chloride	11.649	91	91	0.032	ppbv #	66
69) p-Isopropyltoluene	11.937	119	1135	0.031	ppbv #	80
72) 4-Ethyltoluene	11.134	105	2084	0.074	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.212	105	2088	0.089	ppbv	87
74) 1,2,4-Trimethylbenzene	11.545	105	8267	0.327	ppbv #	60
75) 1,3-Dichlorobenzene	11.675	146	584	0.036	ppbv #	65
76) 1,4-Dichlorobenzene	11.688	146	609	0.038	ppbv #	20

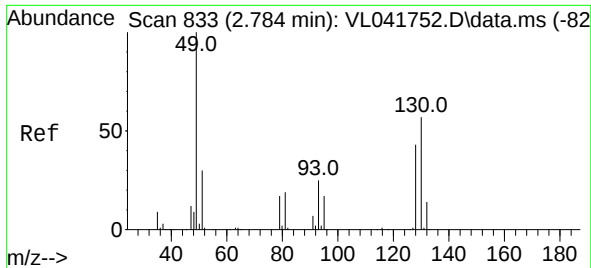
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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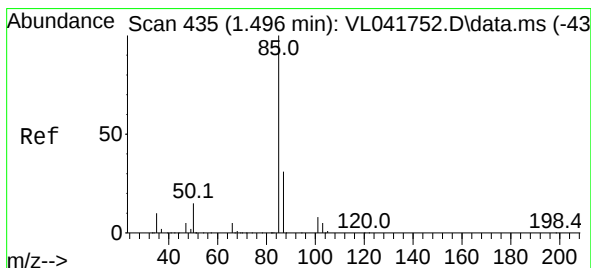
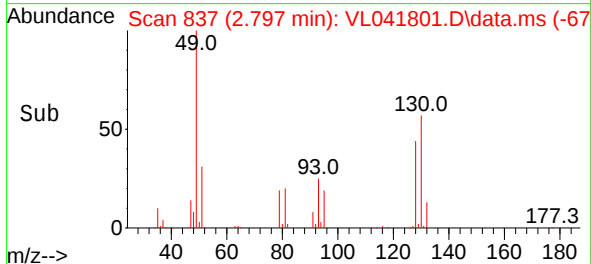
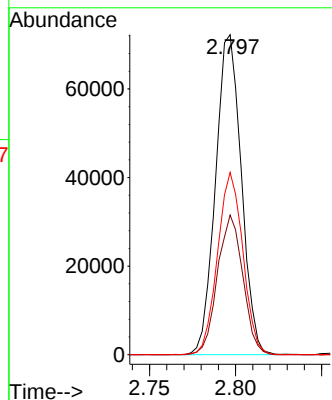
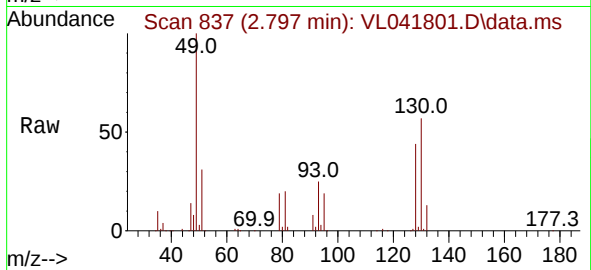




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 841
Delta R.T. 0.013 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

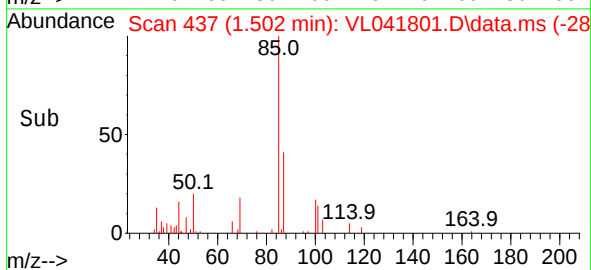
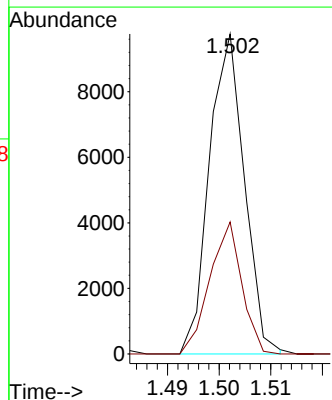
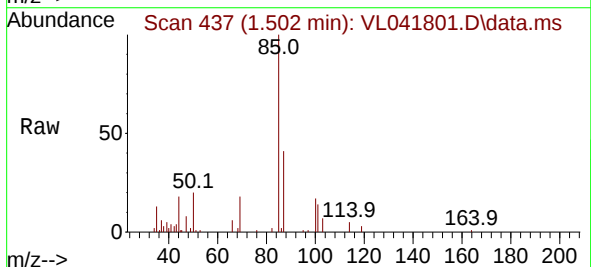
Instrument :
MSVOA_L
ClientSampleId :

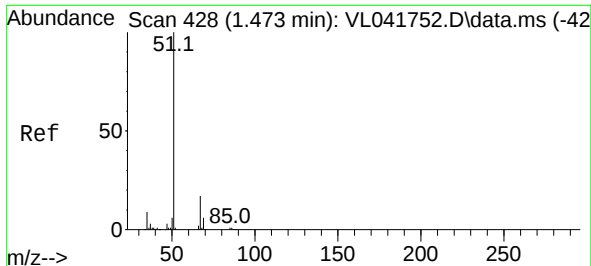
Tgt Ion: 49 Resp: 75382
Ion Ratio Lower Upper
49 100
128 42.9 21.6 64.6
130 55.9 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.343 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

Tgt Ion: 85 Resp: 4603
Ion Ratio Lower Upper
85 100
87 41.2 24.5 36.7#

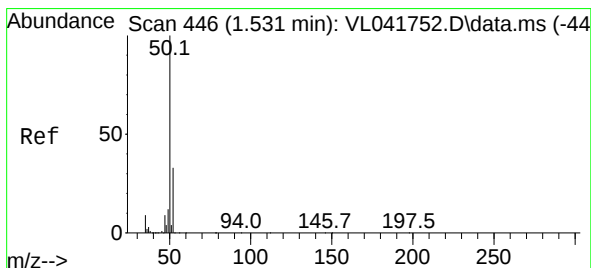
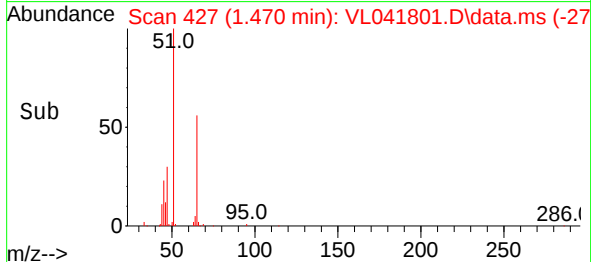
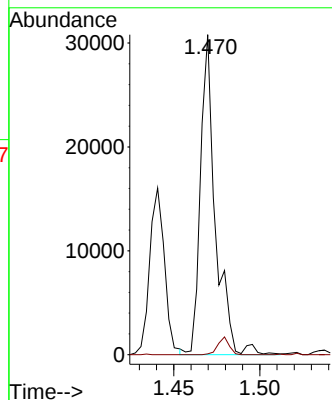
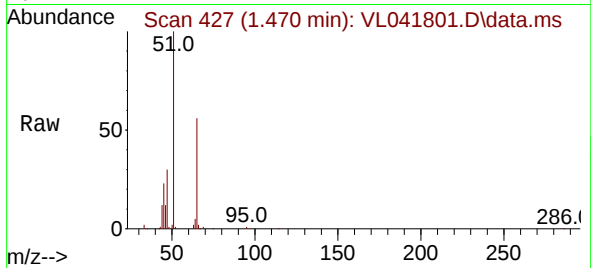




#3
Chlorodifluoromethane
Concen: 1.515 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

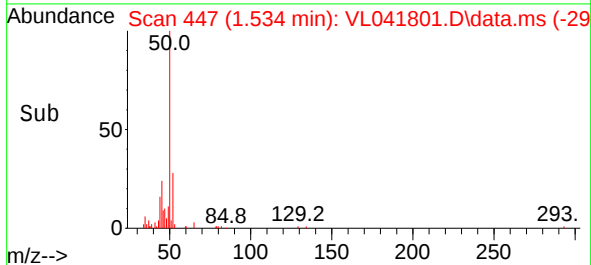
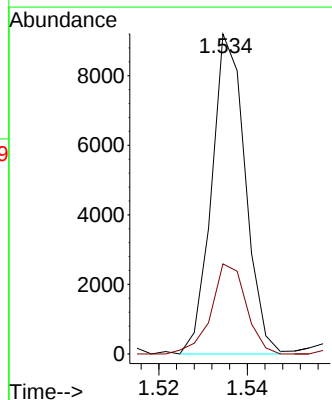
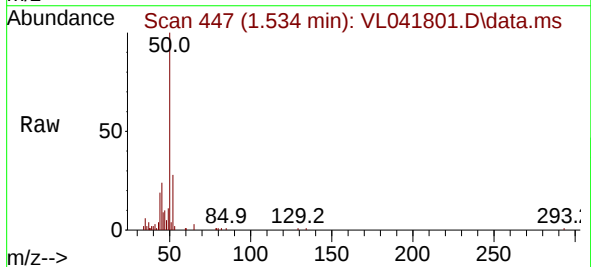
Instrument :
MSVOA_L
ClientSampleId :

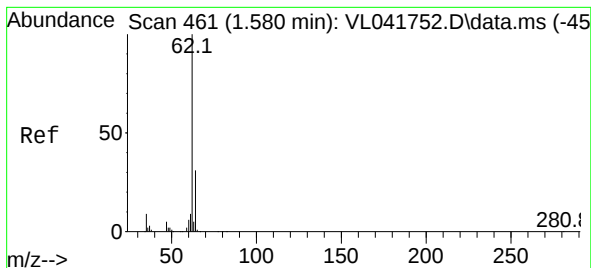
Tgt Ion: 51 Resp: 18627
Ion Ratio Lower Upper
51 100
67 4.1 15.0 22.4#



#4
Chloromethane
Concen: 0.927 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

Tgt Ion: 50 Resp: 4863
Ion Ratio Lower Upper
50 100
52 28.1 26.2 39.2





#5

Vinyl Chloride

Concen: 0.030 ppbv

RT: 1.489 min Scan# 41

Delta R.T. -0.091 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

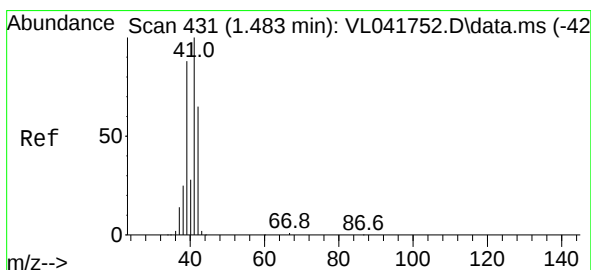
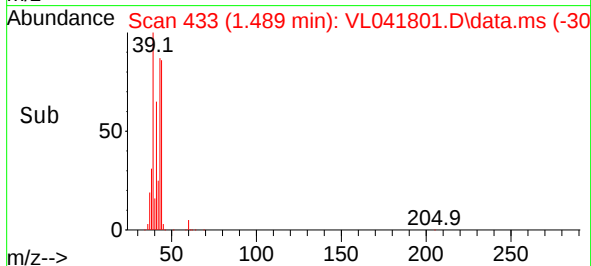
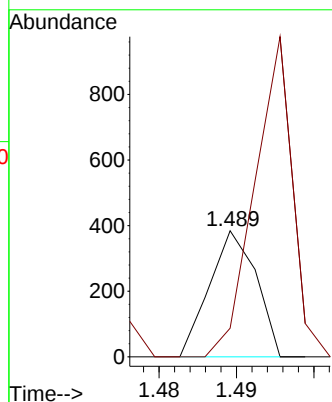
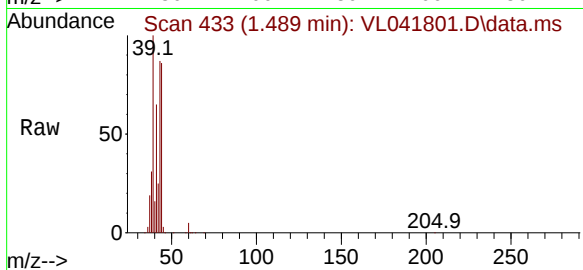
ClientSampleId :

Tgt Ion: 62 Resp: 161

Ion Ratio Lower Upper

62 100

64 22.7 25.1 37.7#



#9

Propene

Concen: 4.033 ppbv

RT: 1.564 min Scan# 456

Delta R.T. 0.081 min

Lab File: VL041801.D

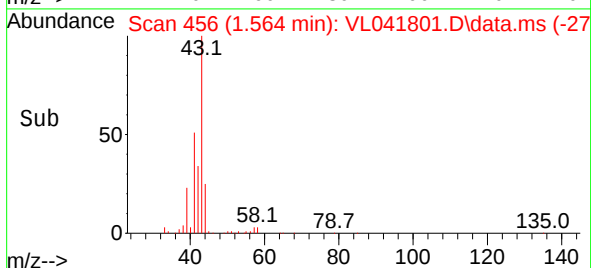
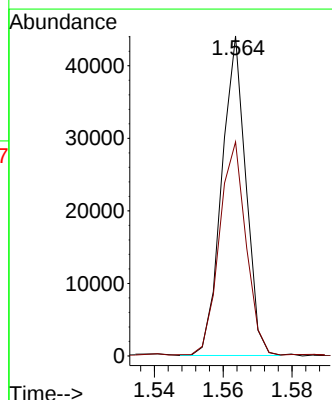
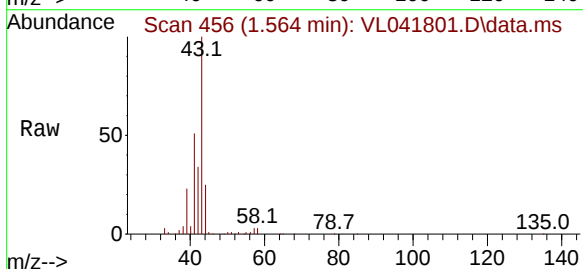
Acq: 18 Dec 2024 19:24

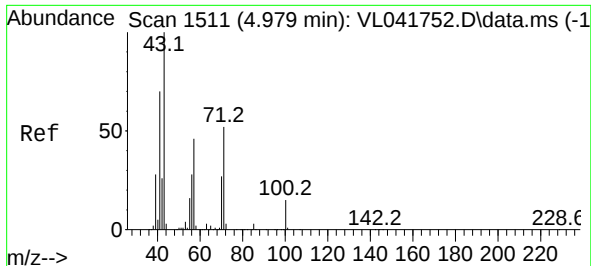
Tgt Ion: 41 Resp: 21491

Ion Ratio Lower Upper

41 100

42 74.7 52.4 78.6





#10

Heptane

Concen: 1.749 ppbv

RT: 5.001 min Scan# 1

Delta R.T. 0.022 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

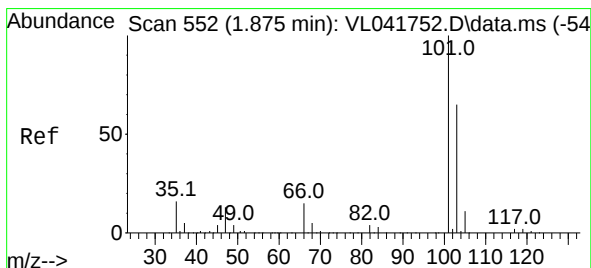
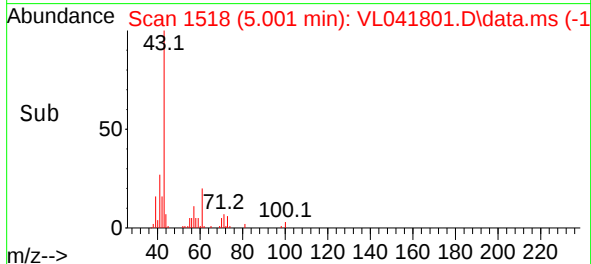
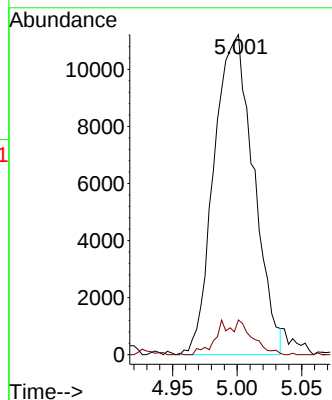
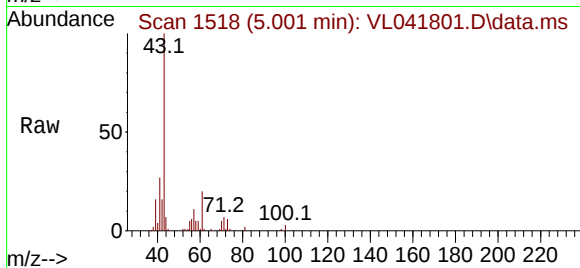
ClientSampleId :

Tgt Ion: 43 Resp: 23941

Ion Ratio Lower Upper

43 100

57 9.2 38.5 57.7#



#11

Trichlorofluoromethane

Concen: 0.204 ppbv

RT: 1.881 min Scan# 554

Delta R.T. 0.006 min

Lab File: VL041801.D

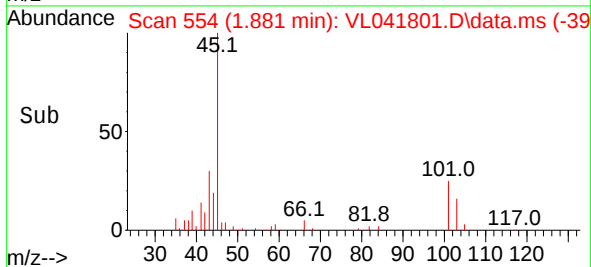
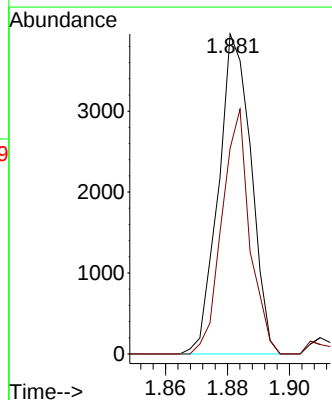
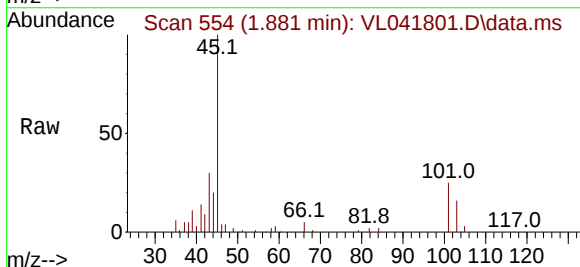
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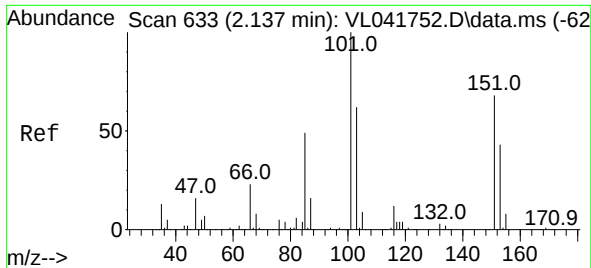
Tgt Ion:101 Resp: 2904

Ion Ratio Lower Upper

101 100

103 64.3 51.8 77.8

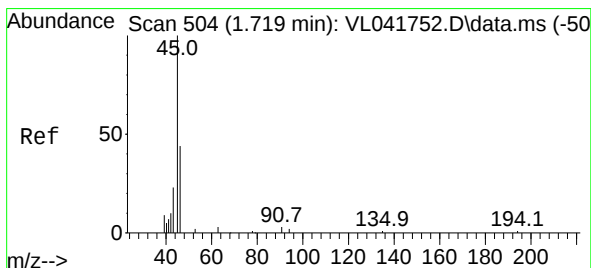
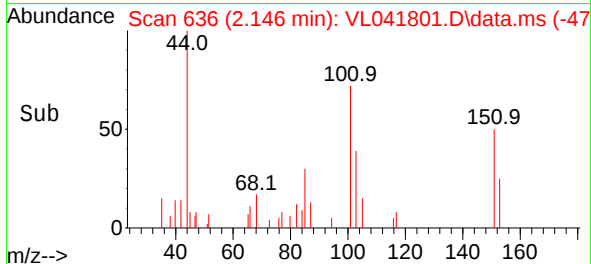
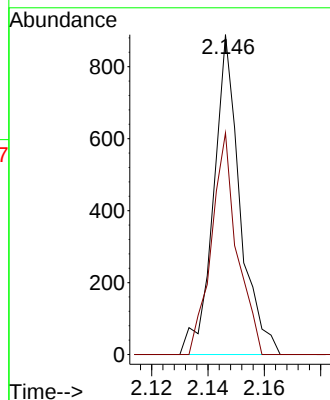
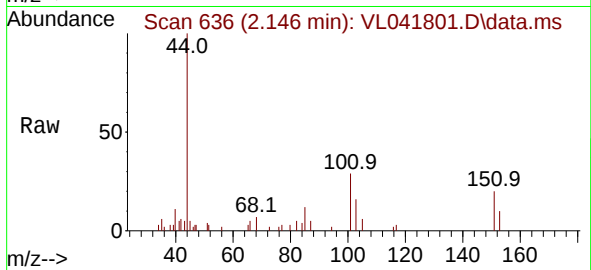




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.054 ppbv
RT: 2.146 min Scan# 61
Delta R.T. 0.009 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

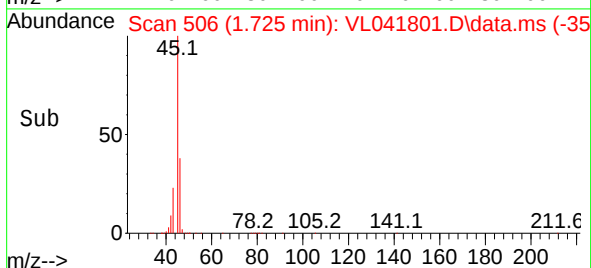
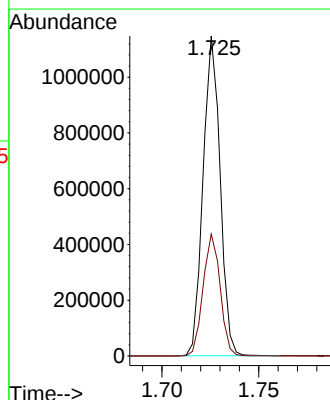
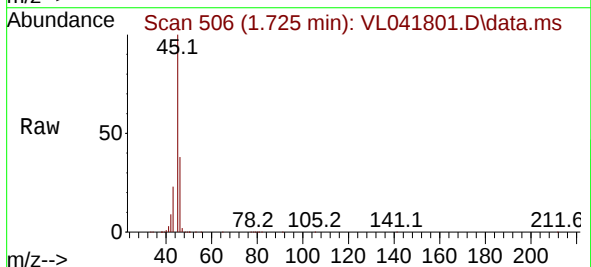
Instrument :
MSVOA_L
ClientSampleId :

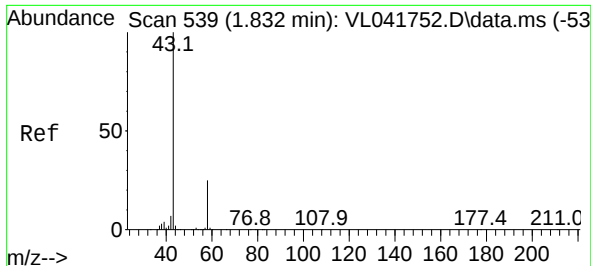
Tgt Ion:101 Resp: 580
Ion Ratio Lower Upper
101 100
151 67.1 56.8 85.2



#13
Ethanol
Concen: 1592.927 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

Tgt Ion: 45 Resp: 702801
Ion Ratio Lower Upper
45 100
46 38.2 16.4 65.8





#15

Acetone

Concen: 8.884 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

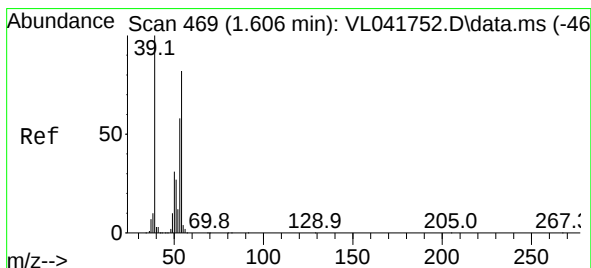
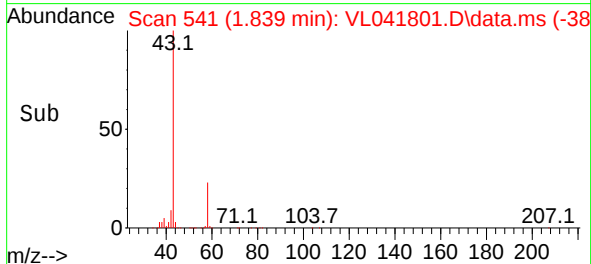
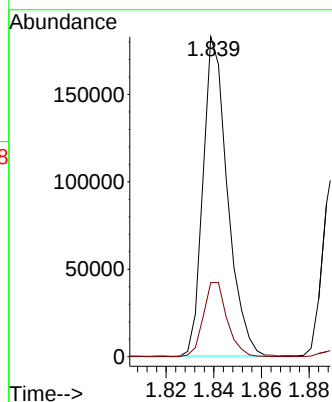
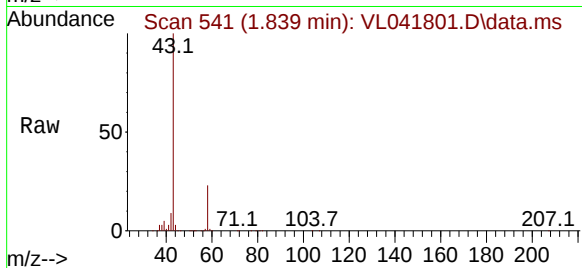
ClientSampleId :

Tgt Ion: 43 Resp: 130310

Ion Ratio Lower Upper

43 100

58 22.7 19.7 29.5



#16

1,3-Butadiene

Concen: 0.678 ppbv

RT: 1.606 min Scan# 469

Delta R.T. -0.000 min

Lab File: VL041801.D

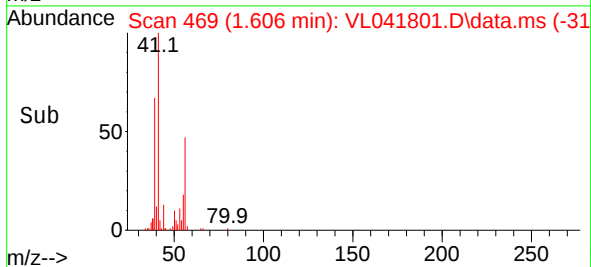
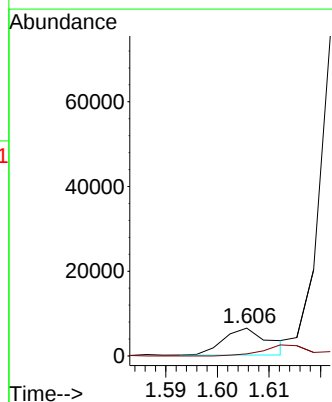
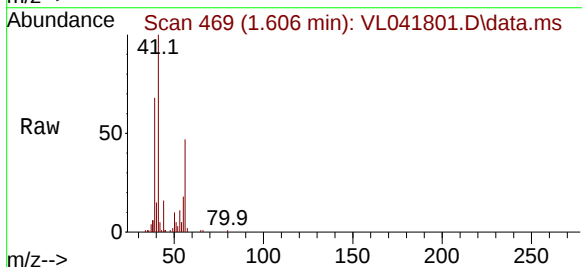
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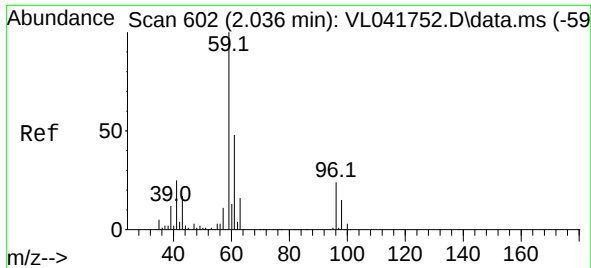
Tgt Ion: 39 Resp: 3918

Ion Ratio Lower Upper

39 100

54 60.5 58.4 87.6

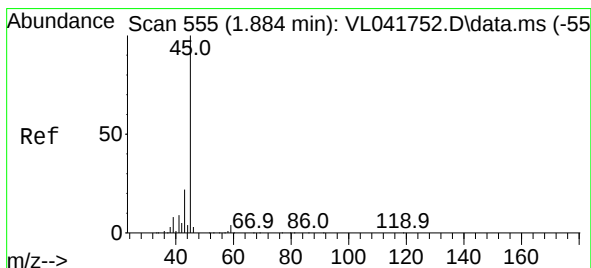
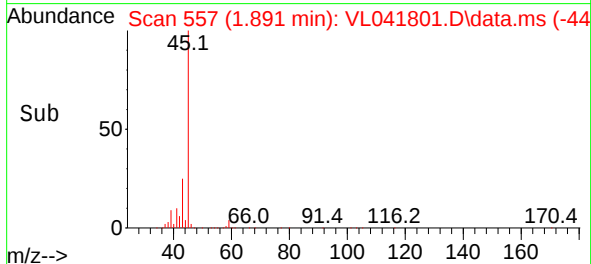
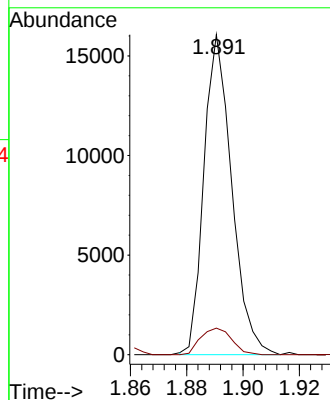
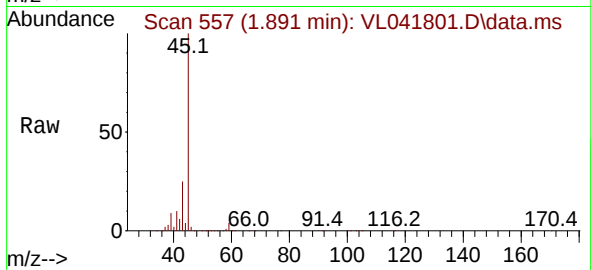




#17
tert-Butyl alcohol
Concen: 0.757 ppbv
RT: 1.891 min Scan# 557
Delta R.T. -0.146 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

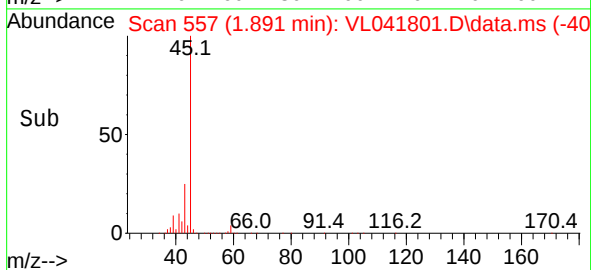
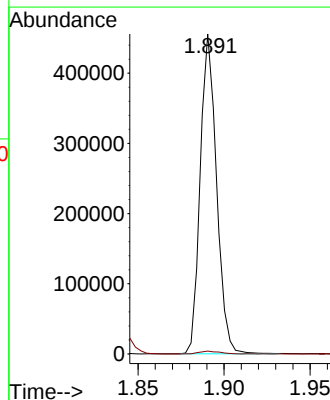
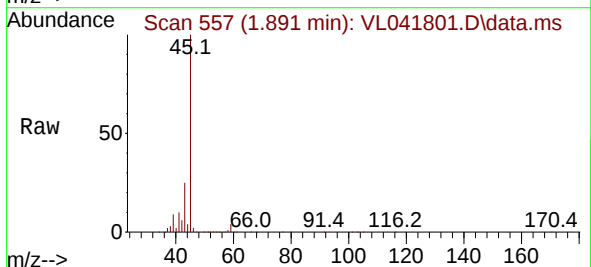
Instrument :
MSVOA_L
ClientSampleId :

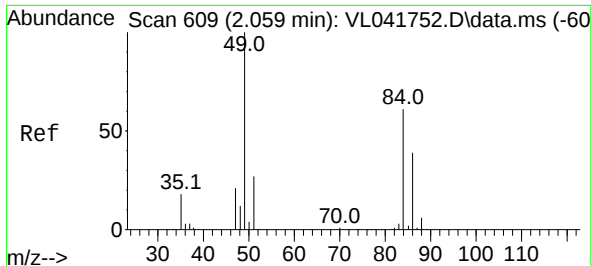
Tgt Ion: 59 Resp: 11009
Ion Ratio Lower Upper
59 100
57 9.3 8.6 13.0



#19
Isopropyl Alcohol
Concen: 34.263 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

Tgt Ion: 45 Resp: 301539
Ion Ratio Lower Upper
45 100
58 1.2 33.3 49.9#





#20

Methylene Chloride

Concen: 0.450 ppbv

RT: 2.069 min Scan# 61

Delta R.T. 0.009 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 84 Resp: 1880

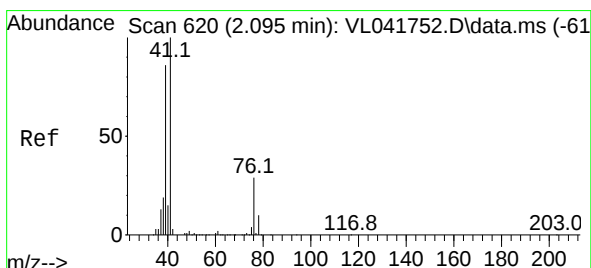
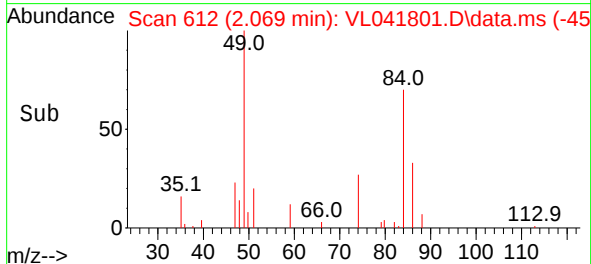
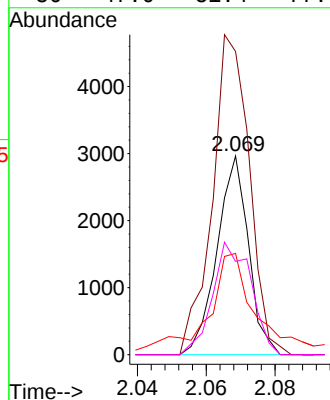
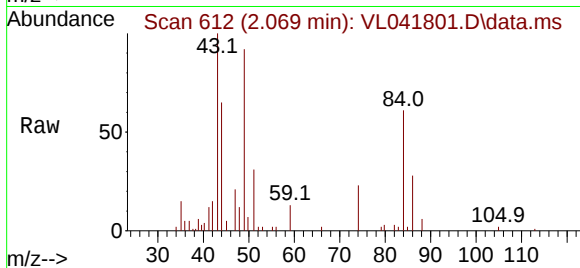
Ion Ratio Lower Upper

84 100

49 164.5 132.6 198.8

51 42.4 37.6 56.4

86 47.0 51.4 77.0#



#21

Allyl Chloride

Concen: 0.536 ppbv

RT: 1.997 min Scan# 590

Delta R.T. -0.097 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

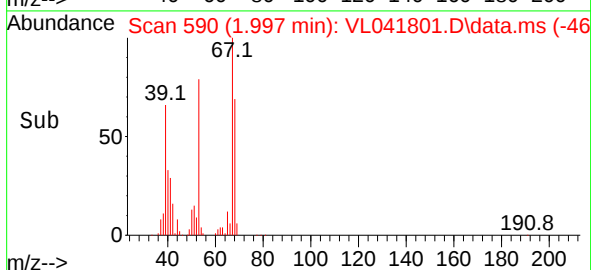
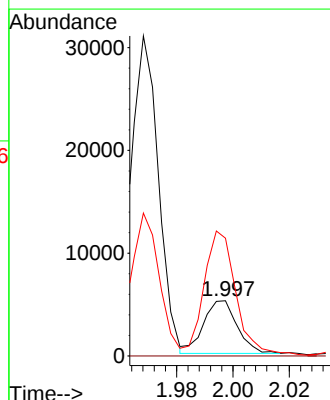
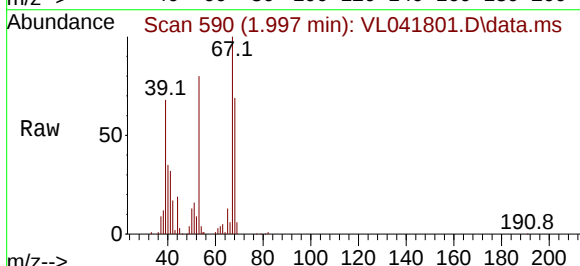
Tgt Ion: 41 Resp: 4262

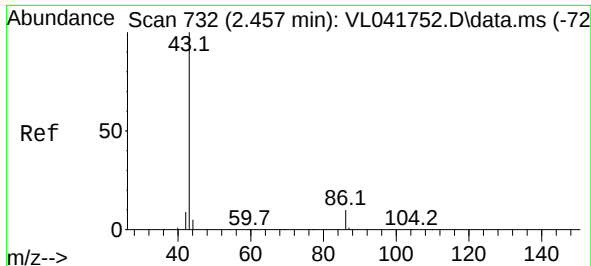
Ion Ratio Lower Upper

41 100

76 7.7 22.3 33.5#

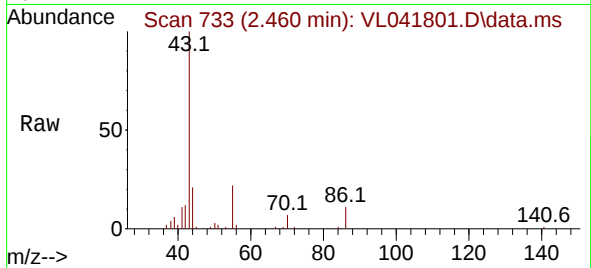
39 216.7 69.2 103.8#



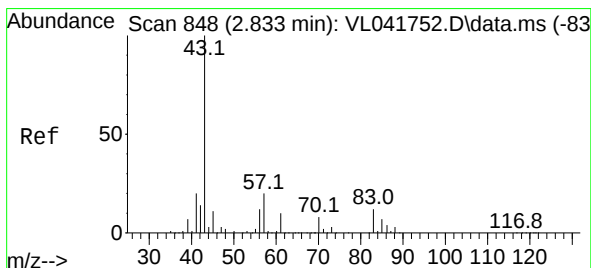
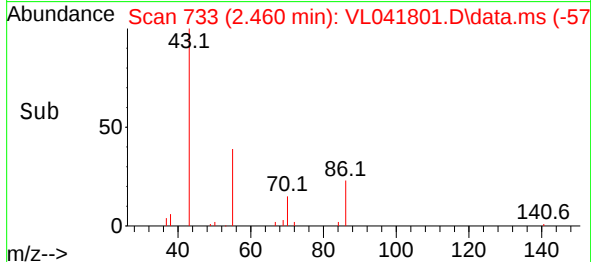
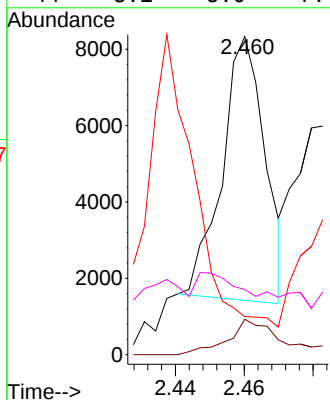


#23
 Vinyl Acetate
 Concen: 0.878 ppbv
 RT: 2.460 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VL041801.D
 Acq: 18 Dec 2024 19:24

Instrument :
 MSVOA_L
 ClientSampleId :

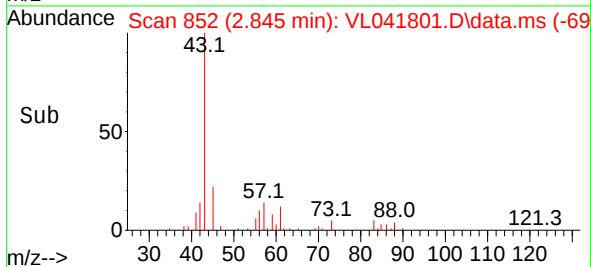
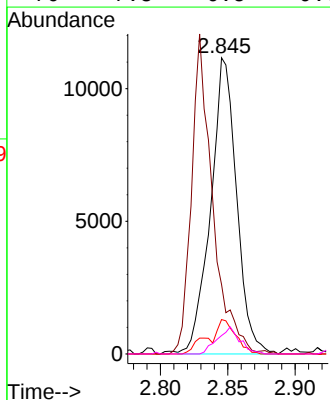
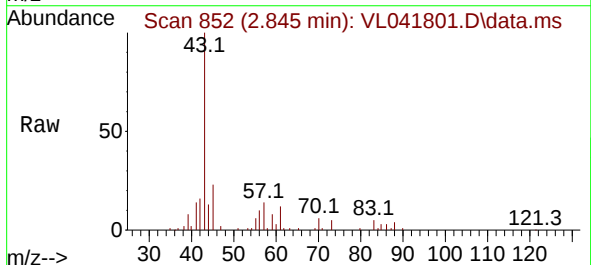


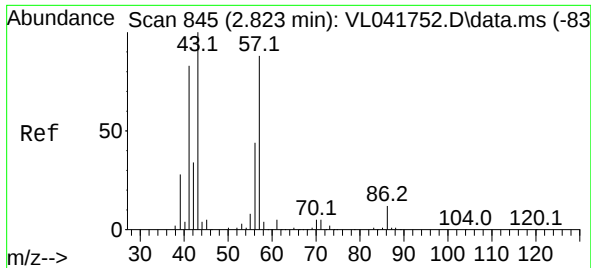
Tgt Ion: 43 Resp: 5980
 Ion Ratio Lower Upper
 43 100
 86 13.8 6.6 10.0#
 42 4.0 8.2 12.2#
 44 3.1 5.0 7.4#



#25
 Ethyl Acetate
 Concen: 0.548 ppbv
 RT: 2.845 min Scan# 852
 Delta R.T. 0.013 min
 Lab File: VL041801.D
 Acq: 18 Dec 2024 19:24

Tgt Ion: 43 Resp: 14961
 Ion Ratio Lower Upper
 43 100
 45 88.3 8.1 12.1#
 61 12.0 7.0 10.6#
 70 7.8 6.5 9.7





#26

Hexane

Concen: 0.376 ppbv

RT: 2.836 min Scan# 845

Delta R.T. 0.013 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 57 Resp: 3894

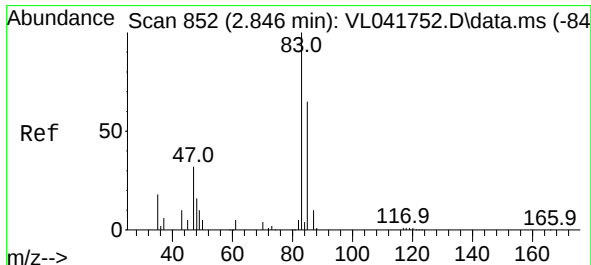
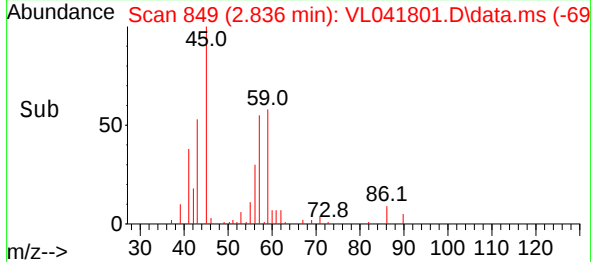
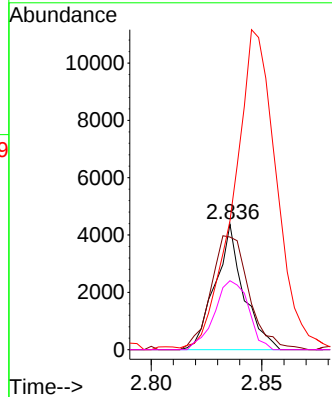
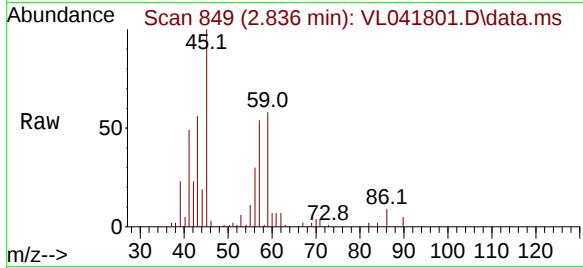
Ion Ratio Lower Upper

57 100

41 124.2 79.6 119.4#

43 386.0 211.0 316.6#

56 66.2 42.6 63.8#



#29

Chloroform

Concen: 0.132 ppbv

RT: 2.858 min Scan# 856

Delta R.T. 0.013 min

Lab File: VL041801.D

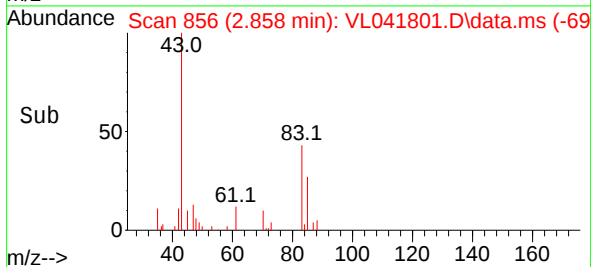
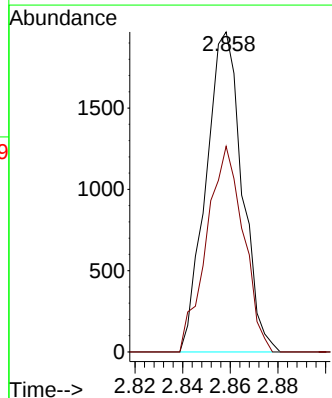
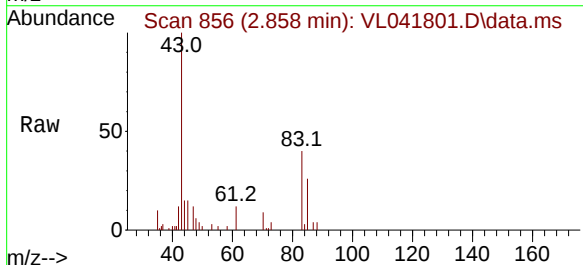
Acq: 18 Dec 2024 19:24

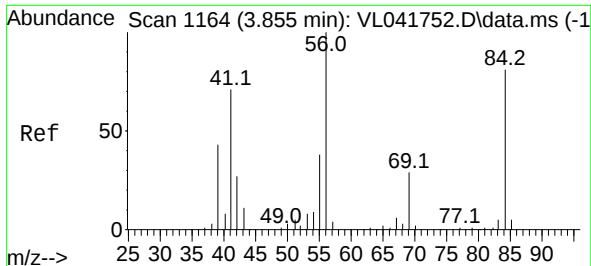
Tgt Ion: 83 Resp: 2077

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6





#30

Cyclohexane

Concen: 0.082 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.016 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

ClientSampleId :

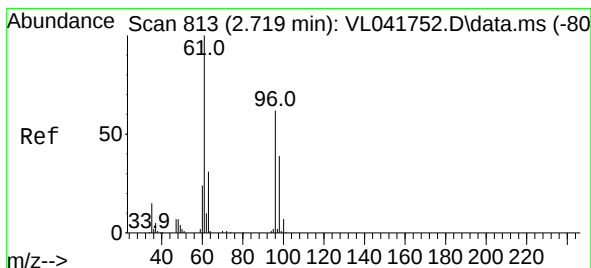
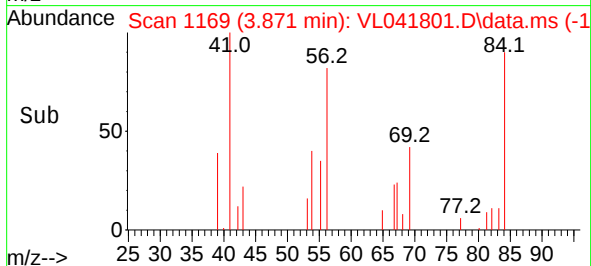
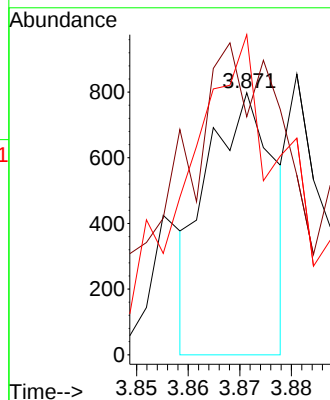
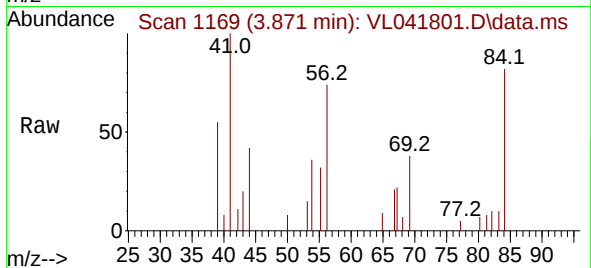
Tgt Ion: 84 Resp: 724

Ion Ratio Lower Upper

84 100

56 218.4 102.3 153.5#

41 240.5 74.0 111.0#



#31

cis-1,2-Dichloroethene

Concen: 0.053 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.113 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

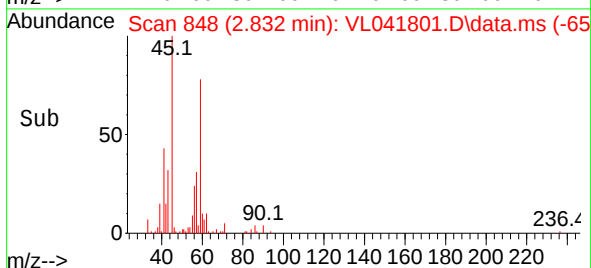
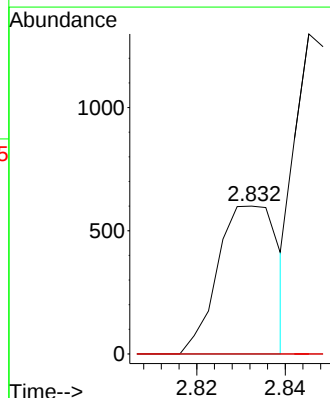
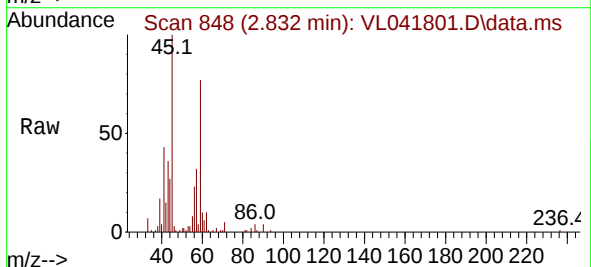
Tgt Ion: 61 Resp: 567

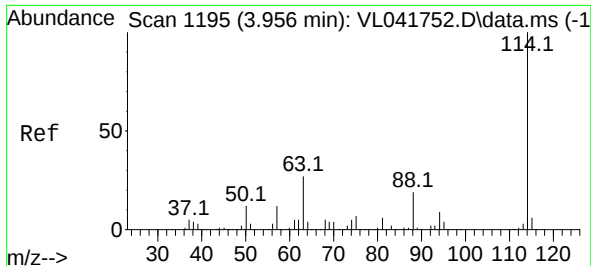
Ion Ratio Lower Upper

61 100

96 0.0 49.7 74.5#

98 0.0 30.8 46.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 1195

Delta R.T. 0.019 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

ClientSampleId :

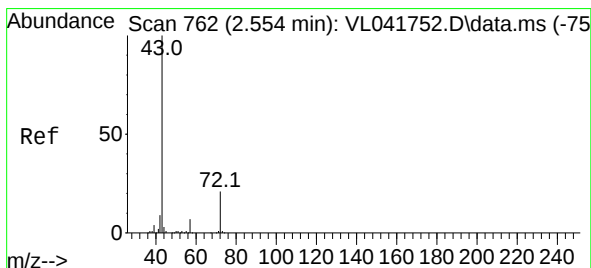
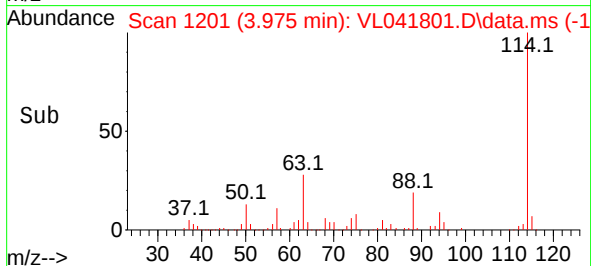
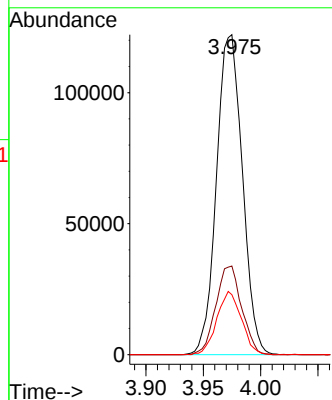
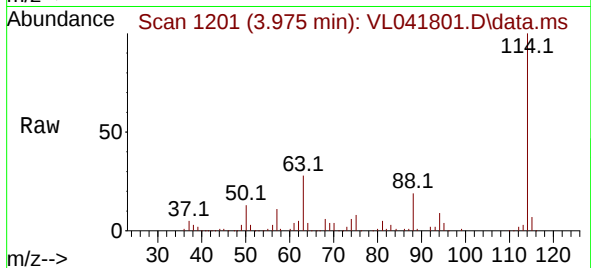
Tgt Ion:114 Resp: 191938

Ion Ratio Lower Upper

114 100

63 27.6 21.8 32.8

88 18.7 14.8 22.2



#34

2-Butanone

Concen: 1.191 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.013 min

Lab File: VL041801.D

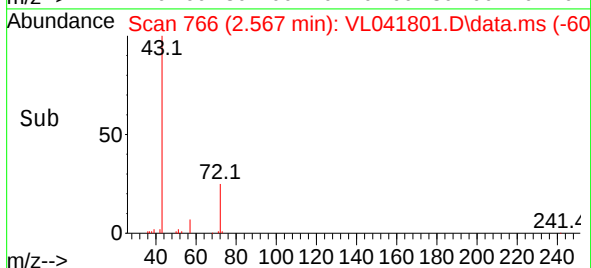
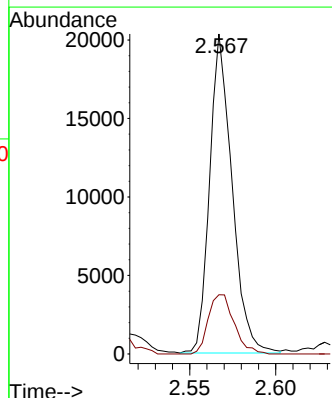
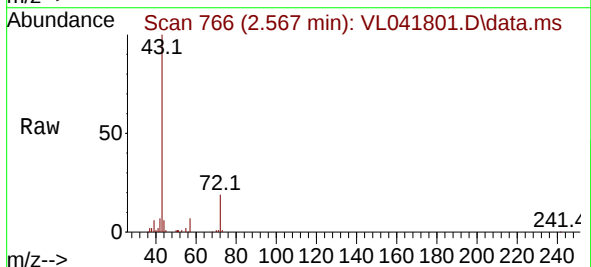
Acq: 18 Dec 2024 19:24

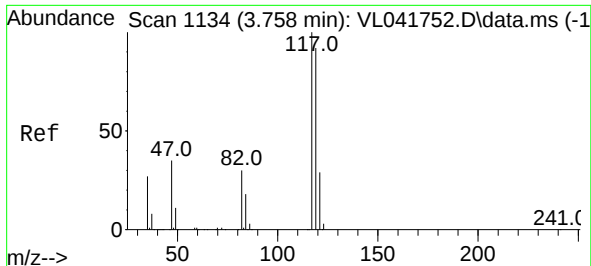
Tgt Ion: 43 Resp: 18388

Ion Ratio Lower Upper

43 100

72 21.4 16.8 25.2

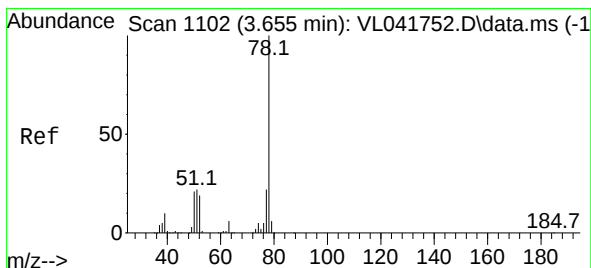
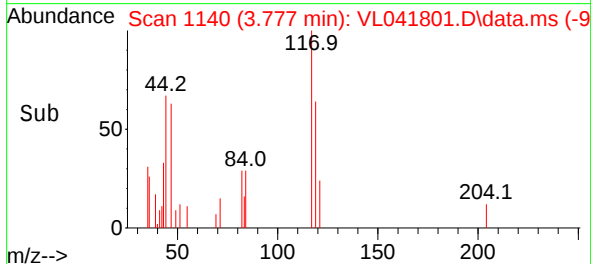
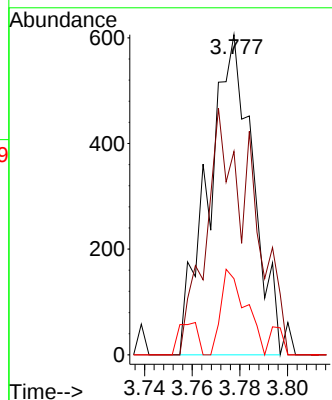
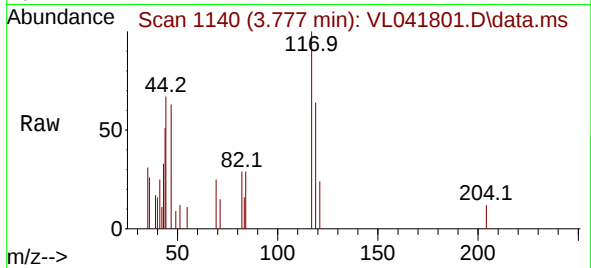




#35
Carbon Tetrachloride
Concen: 0.057 ppbv
RT: 3.777 min Scan# 1134
Delta R.T. 0.019 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

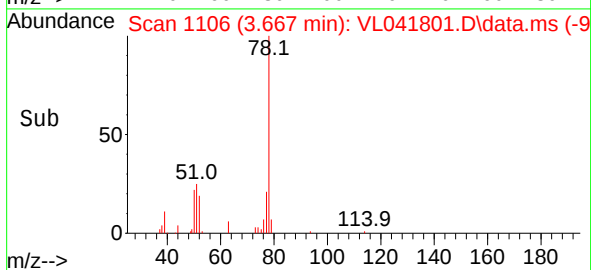
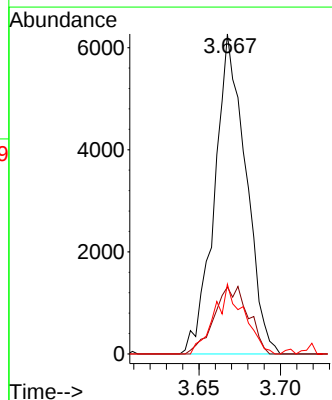
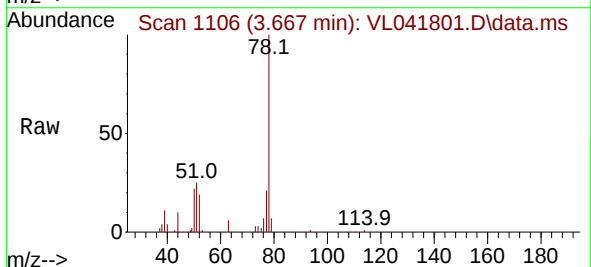
Instrument :
MSVOA_L
ClientSampleId :

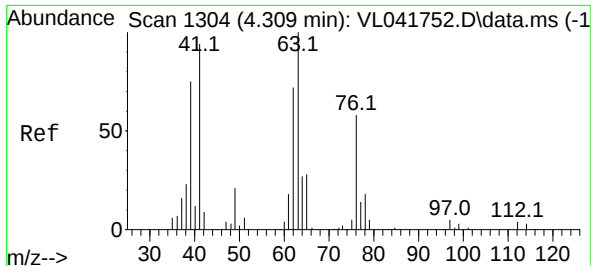
Tgt Ion:117 Resp: 780
Ion Ratio Lower Upper
117 100
119 63.5 73.7 110.5#
121 15.3 23.0 34.4#



#36
Benzene
Concen: 0.421 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

Tgt Ion: 78 Resp: 8357
Ion Ratio Lower Upper
78 100
77 20.9 17.8 26.6
50 21.8 17.2 25.8





#39

1,2-Dichloropropane

Concen: 7.374 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.334 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

ClientSampleId :

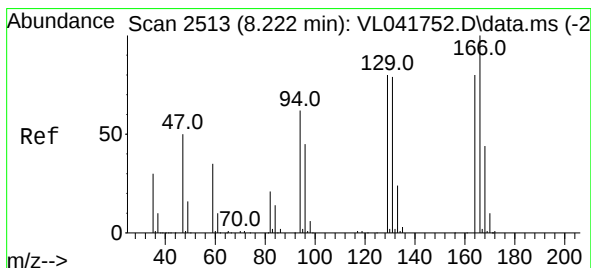
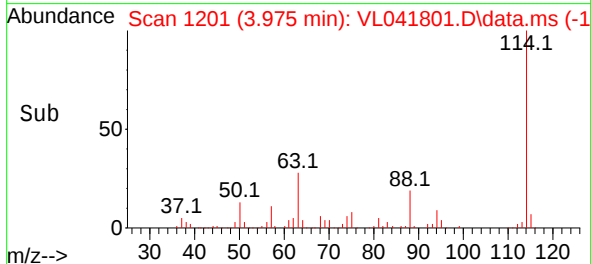
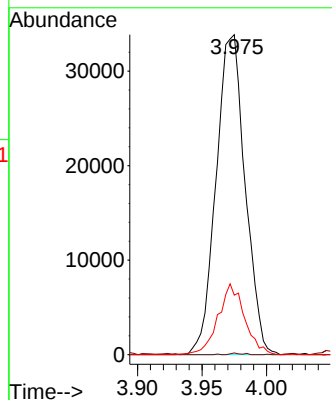
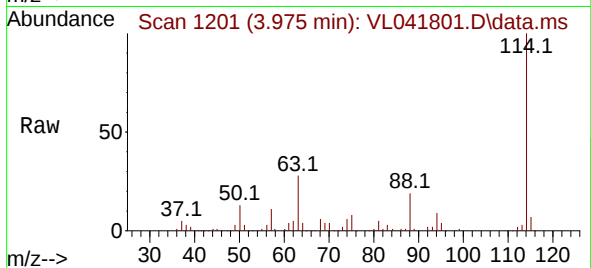
Tgt Ion: 63 Resp: 52948

Ion Ratio Lower Upper

63 100

41 0.5 75.3 112.9#

62 18.6 57.3 85.9#



#52

Tetrachloroethene

Concen: 0.149 ppbv

RT: 8.244 min Scan# 2520

Delta R.T. 0.022 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Tgt Ion:164 Resp: 1104

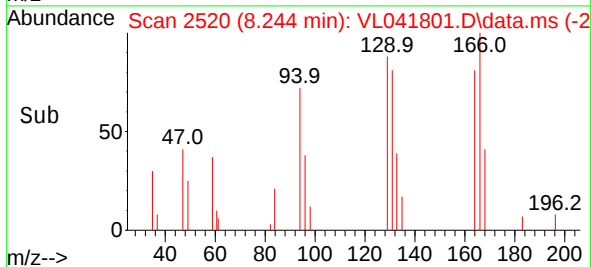
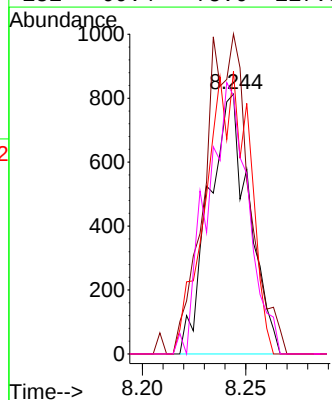
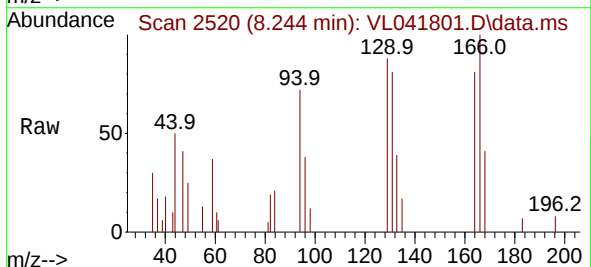
Ion Ratio Lower Upper

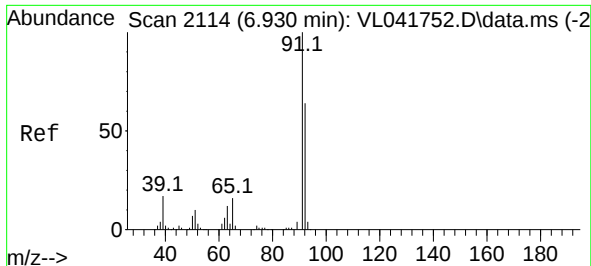
164 100

166 113.8 99.8 149.6

129 108.7 79.6 119.4

131 99.4 78.6 117.8





#53

Toluene

Concen: 0.316 ppbv

RT: 6.956 min Scan# 2114

Delta R.T. 0.026 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

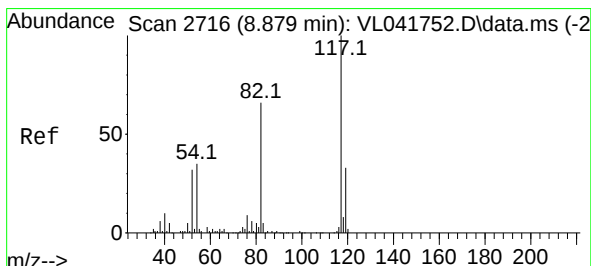
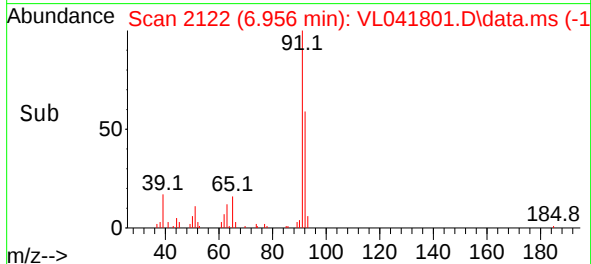
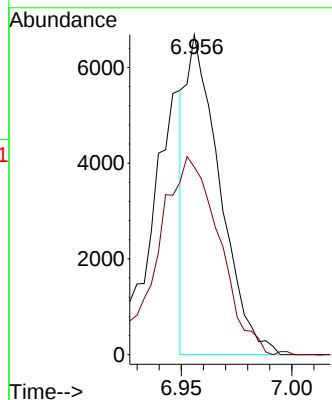
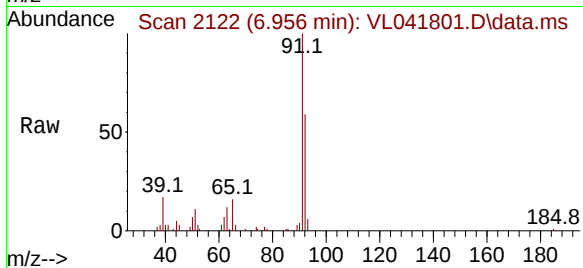
ClientSampleId :

Tgt Ion: 91 Resp: 7123

Ion Ratio Lower Upper

91 100

92 112.1 47.9 71.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.895 min Scan# 2721

Delta R.T. 0.016 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

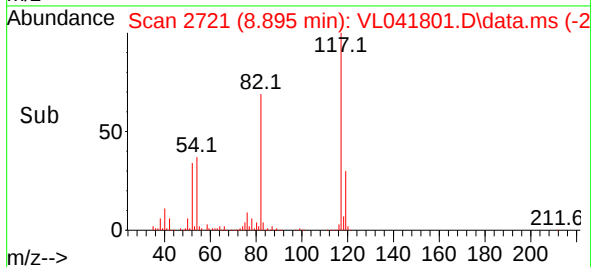
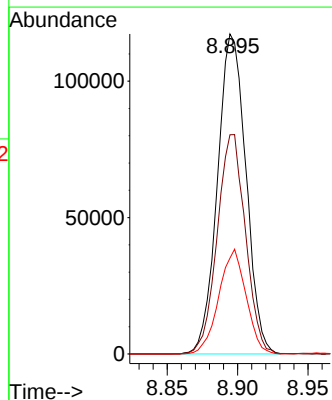
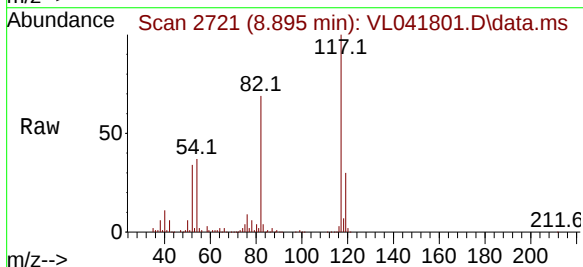
Tgt Ion: 117 Resp: 165356

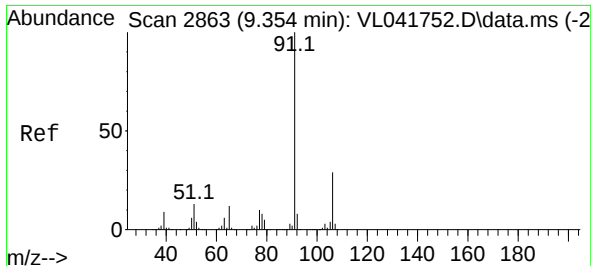
Ion Ratio Lower Upper

117 100

82 68.0 53.8 80.8

119 31.4 26.7 40.1





#58

Ethyl Benzene

Concen: 0.178 ppbv

RT: 9.367 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

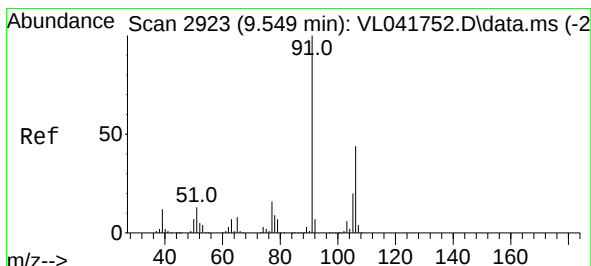
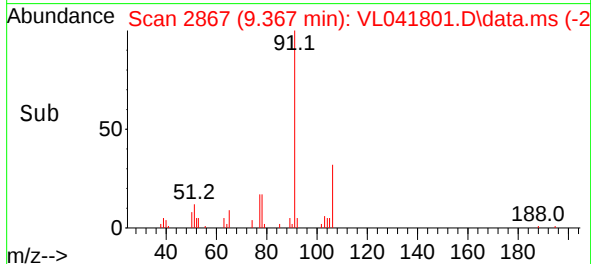
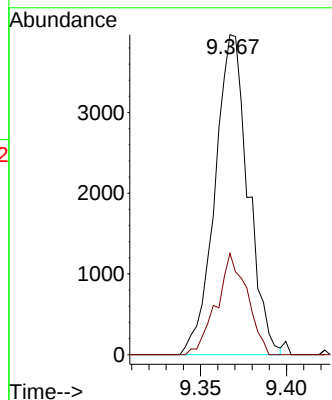
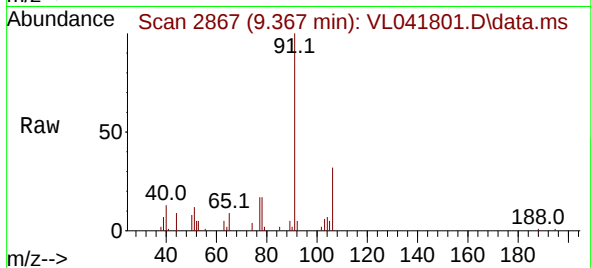
ClientSampleId :

Tgt Ion: 91 Resp: 5312

Ion Ratio Lower Upper

91 100

106 31.6 23.5 35.3



#59

m/p-Xylene

Concen: 0.121 ppbv

RT: 9.568 min Scan# 2929

Delta R.T. 0.019 min

Lab File: VL041801.D

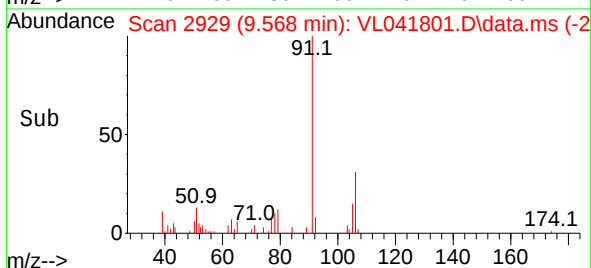
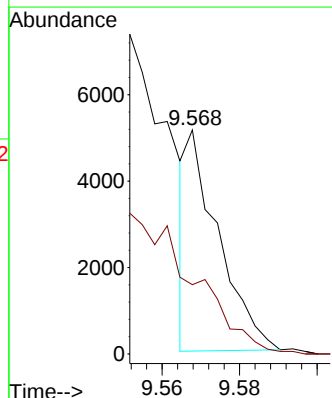
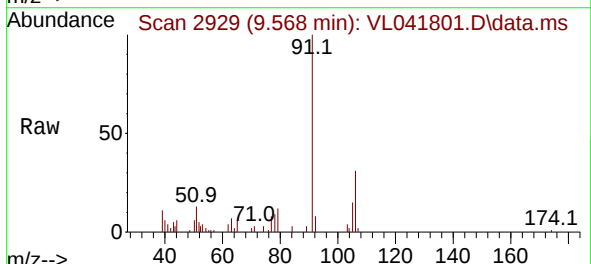
Acq: 18 Dec 2024 19:24

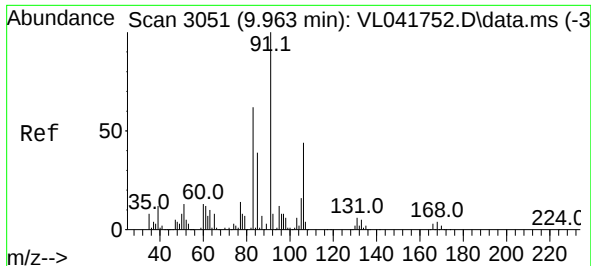
Tgt Ion: 91 Resp: 2894

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0





#60

o-Xylene

Concen: 0.313 ppbv

RT: 9.979 min Scan# 3051

Delta R.T. 0.016 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

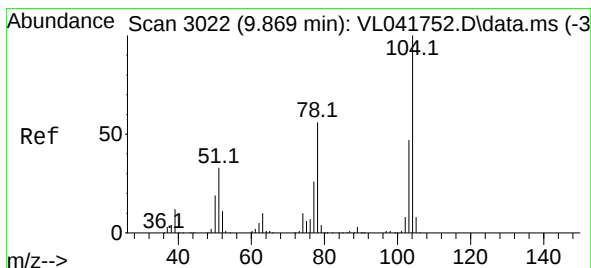
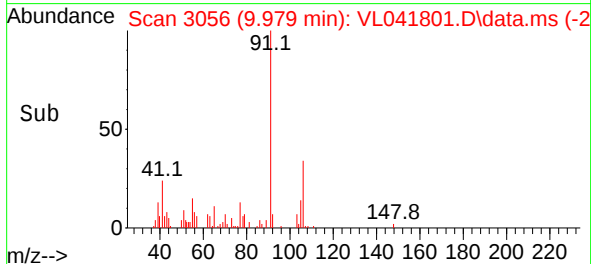
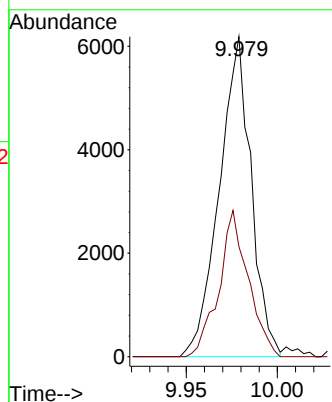
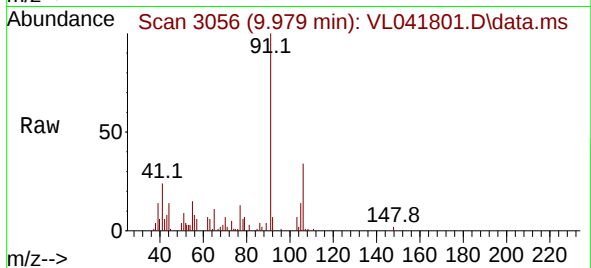
ClientSampleId :

Tgt Ion: 91 Resp: 7510

Ion Ratio Lower Upper

91 100

106 42.1 21.1 63.4



#61

Styrene

Concen: 0.053 ppbv

RT: 9.885 min Scan# 3027

Delta R.T. 0.016 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

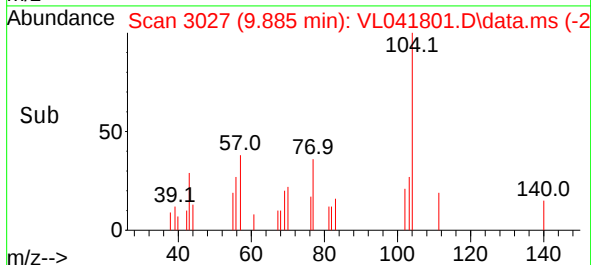
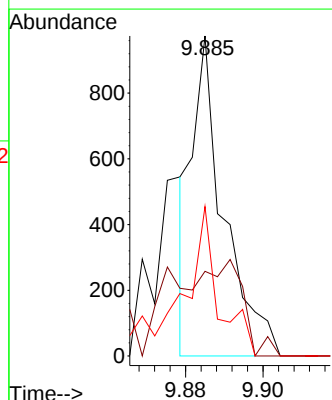
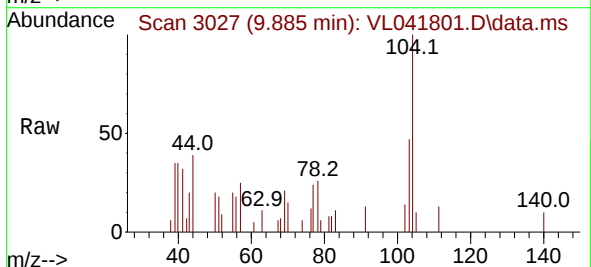
Tgt Ion: 104 Resp: 550

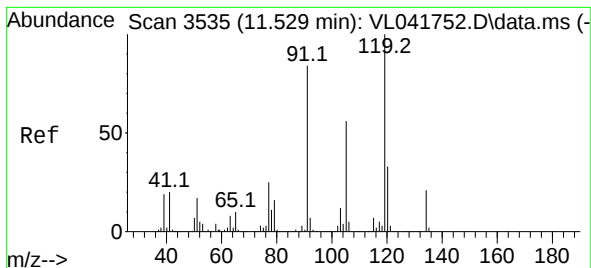
Ion Ratio Lower Upper

104 100

78 71.8 43.8 65.6#

103 56.7 37.8 56.6#





#65

tert-Butylbenzene

Concen: 0.034 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.016 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

ClientSampleId :

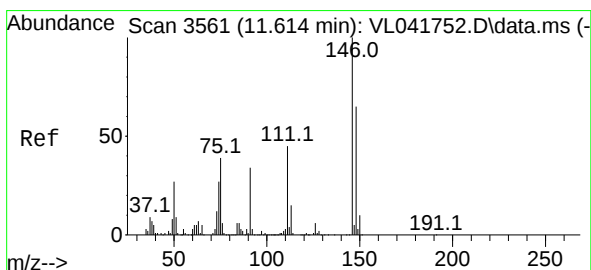
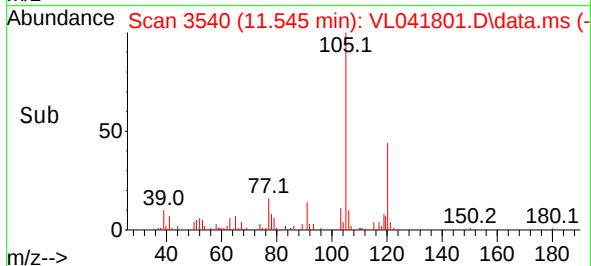
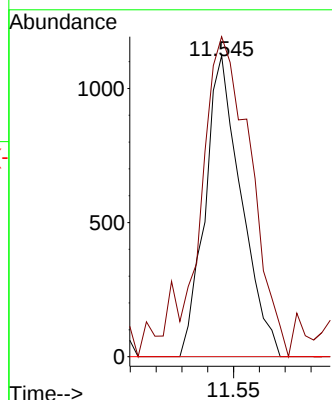
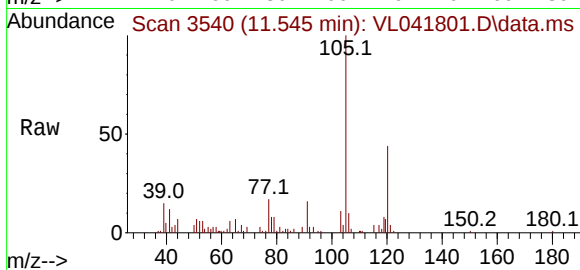
Tgt Ion:119 Resp: 1092

Ion Ratio Lower Upper

119 100

91 179.7 67.0 100.4#

134 0.0 16.5 24.7#



#66

Benzyl Chloride

Concen: 0.032 ppbv

RT: 11.649 min Scan# 3572

Delta R.T. 0.035 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

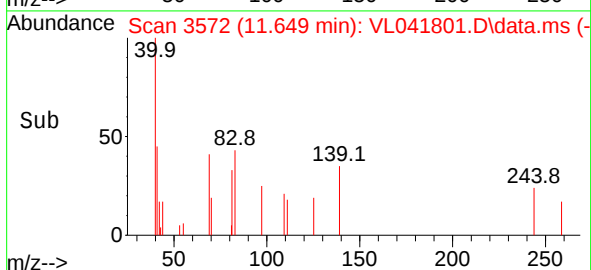
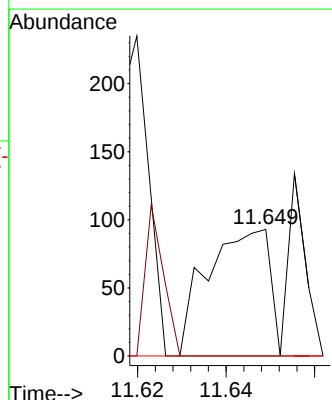
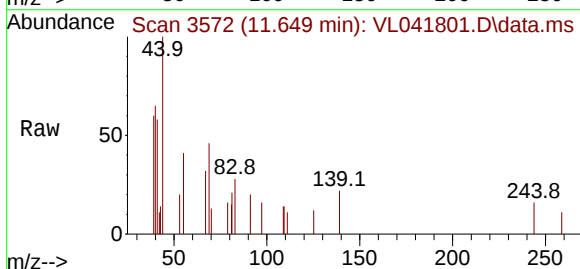
Tgt Ion: 91 Resp: 91

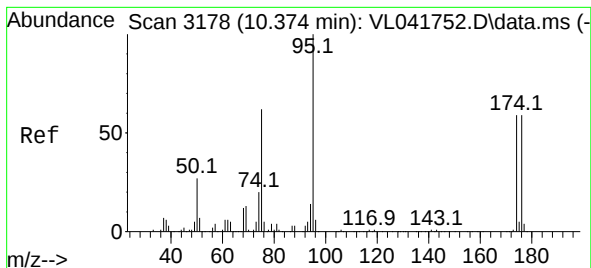
Ion Ratio Lower Upper

91 100

126 0.0 13.9 20.9#

128 0.0 4.4 6.6#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.608 ppbv

RT: 10.387 min Scan# 3178

Delta R.T. 0.013 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_1

ClientSampleId :

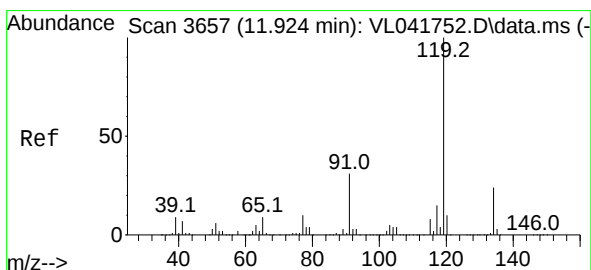
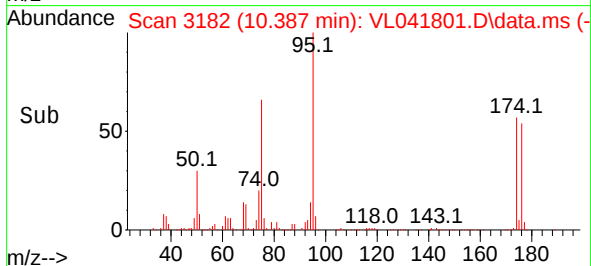
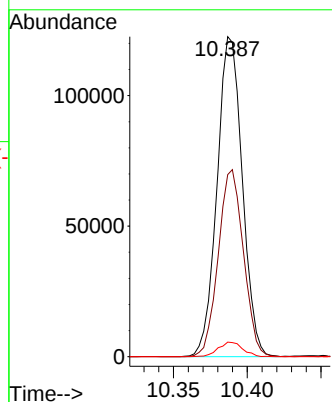
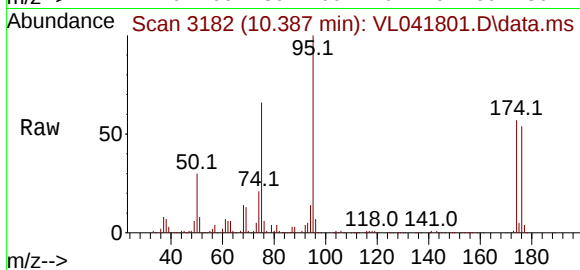
Tgt Ion: 95 Resp: 146176

Ion Ratio Lower Upper

95 100

174 58.2 47.6 71.4

175 4.4 3.7 5.5



#69

p-Isopropyltoluene

Concen: 0.031 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. 0.013 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

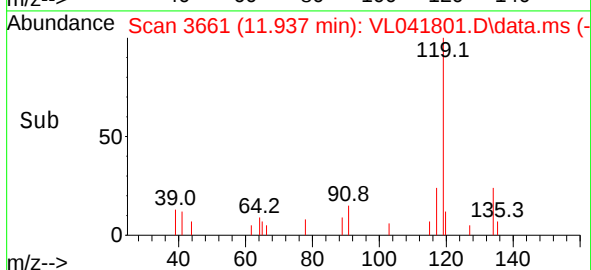
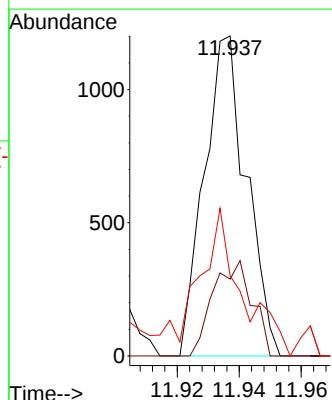
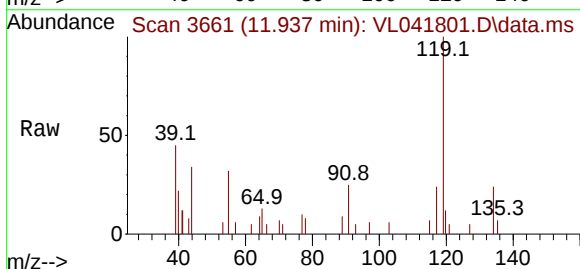
Tgt Ion: 119 Resp: 1135

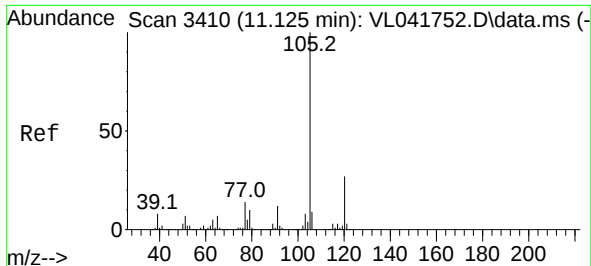
Ion Ratio Lower Upper

119 100

134 27.7 19.6 29.4

91 47.0 24.4 36.6#

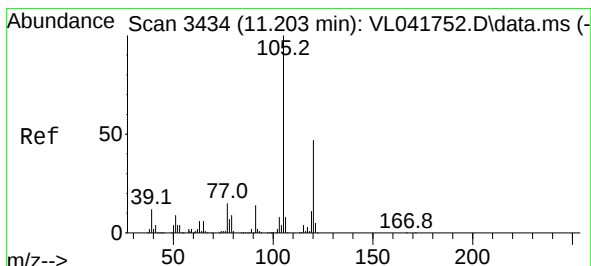
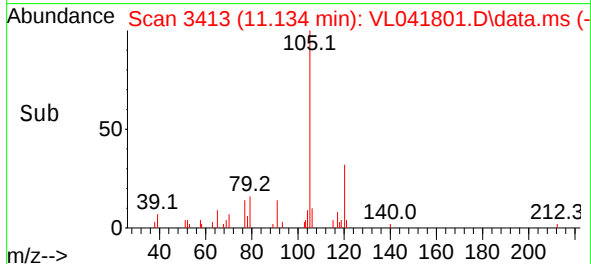
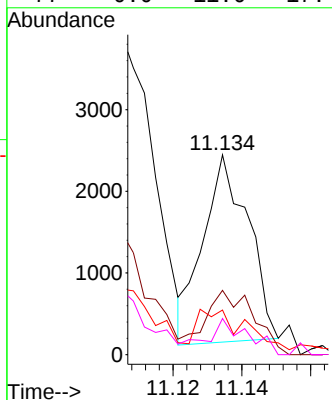
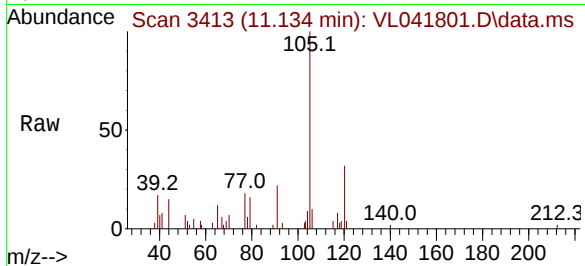




#72
4-Ethyltoluene
Concen: 0.074 ppbv
RT: 11.134 min Scan# 3410
Delta R.T. 0.009 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

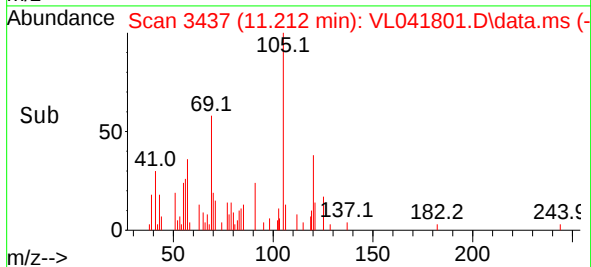
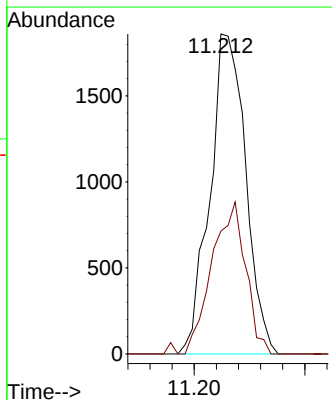
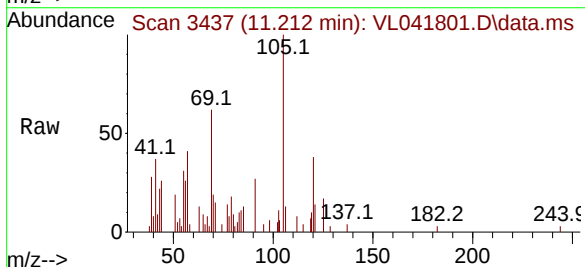
Instrument :
MSVOA_L
ClientSampleId :

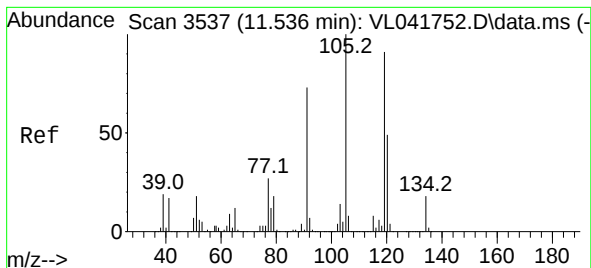
Tgt Ion:105	Resp:	2084
Ion Ratio	Lower	Upper
105	100	
120	0.0	23.3 34.9#
91	0.0	10.9 16.3#
77	0.0	11.6 17.4#



#73
1,3,5-Trimethylbenzene
Concen: 0.089 ppbv
RT: 11.212 min Scan# 3437
Delta R.T. 0.009 min
Lab File: VL041801.D
Acq: 18 Dec 2024 19:24

Tgt Ion:105	Resp:	2088
Ion Ratio	Lower	Upper
105	100	
120	38.4	37.4 56.2





#74

1,2,4-Trimethylbenzene

Concen: 0.327 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.009 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 8267

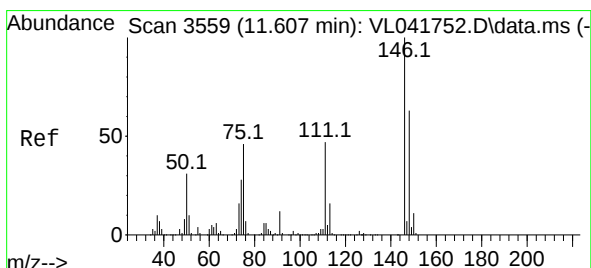
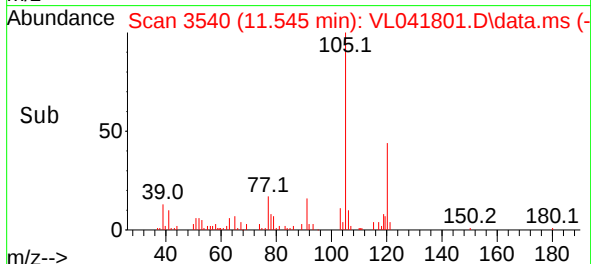
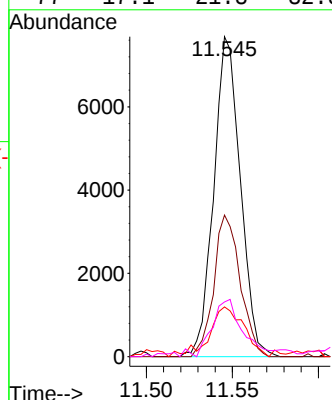
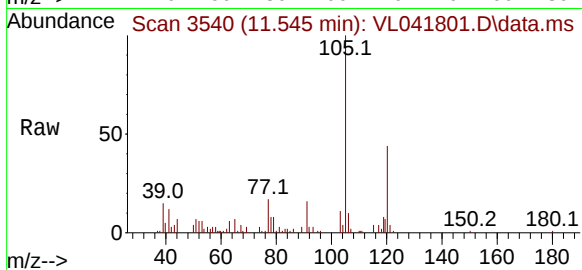
Ion Ratio Lower Upper

105 100

120 44.3 39.0 58.4

91 14.5 58.1 87.1#

77 17.1 21.8 32.8#



#75

1,3-Dichlorobenzene

Concen: 0.036 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.068 min

Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

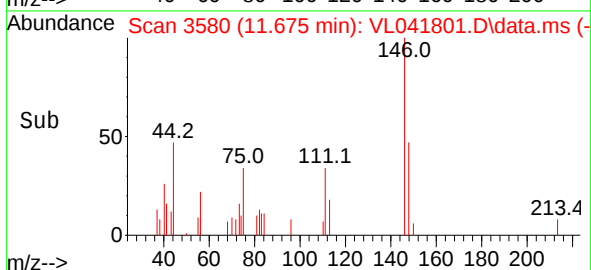
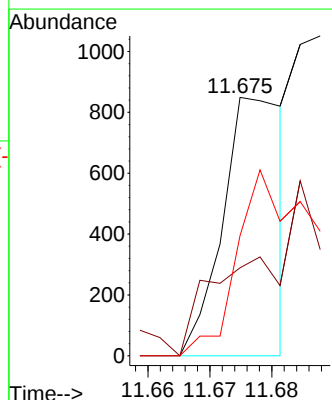
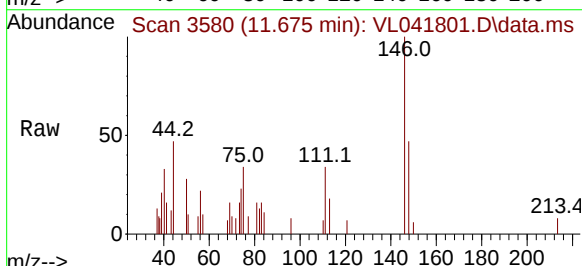
Tgt Ion:146 Resp: 584

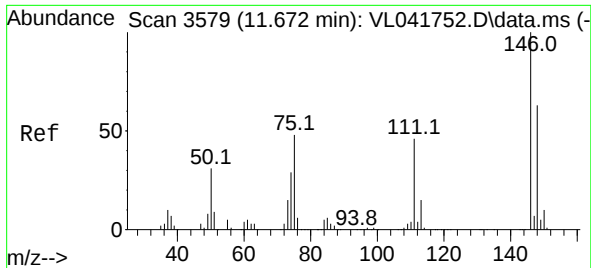
Ion Ratio Lower Upper

146 100

111 36.3 23.4 70.3

148 102.1 31.6 95.0#





#76

1,4-Dichlorobenzene

Concen: 0.038 ppbv

RT: 11.688 min Scan# 3584

Delta R.T. 0.016 min

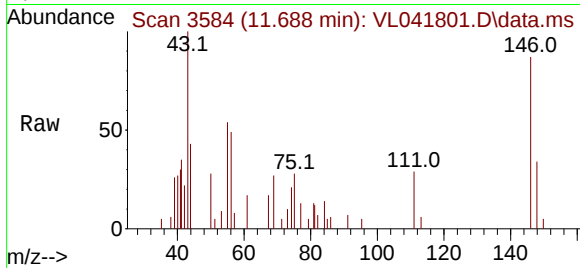
Lab File: VL041801.D

Acq: 18 Dec 2024 19:24

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:146 Resp: 609

Ion Ratio Lower Upper

146 100

111 96.7 22.7 68.1#

148 0.0 31.4 94.0#

