

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041803.D
 Acq On : 18 Dec 2024 20:32
 Operator : SY/MD
 Sample : P5294-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AB7

Quant Time: Dec 19 07:59:07 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	76658	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	187828	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.894	117	164998	10.000	ppbv	0.02

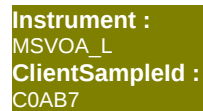
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	139994	10.182	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

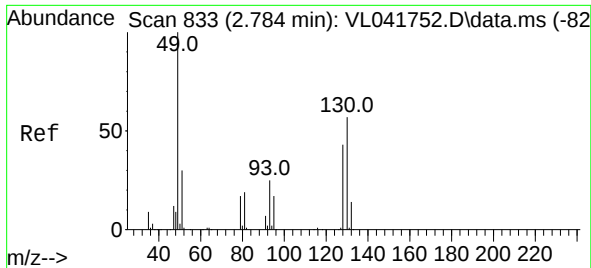
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	4836	0.355	ppbv	99
3) Chlorodifluoromethane	1.470	51	9706	0.776	ppbv #	77
4) Chloromethane	1.534	50	3556	0.666	ppbv #	78
9) Propene	1.563	41	26125	4.821	ppbv	94
10) Heptane	4.994	43	625	0.045	ppbv #	29
11) Trichlorofluoromethane	1.884	101	2898	0.200	ppbv #	80
12) 1,1,2-Trichlorotrifluo...	2.146	101	718	0.065	ppbv	95
13) Ethanol	1.732	45	1977904	4408.380	ppbv	99
15) Acetone	1.839	43	128822	8.637	ppbv #	89
16) 1,3-Butadiene	1.625	39	163629	27.860	ppbv #	15
17) tert-Butyl alcohol	2.049	59	9710	0.656	ppbv #	71
19) Isopropyl Alcohol	1.890	45	155744	17.402	ppbv #	59
20) Methylene Chloride	2.065	84	1921	0.452	ppbv #	81
21) Allyl Chloride	1.968	41	36262	4.483	ppbv #	53
23) Vinyl Acetate	2.460	43	8413	1.215	ppbv #	89
25) Ethyl Acetate	2.845	43	4200	0.151	ppbv #	77
26) Hexane	2.835	57	3564	0.338	ppbv #	70
29) Chloroform	2.855	83	4772	0.297	ppbv #	82
30) Cyclohexane	3.865	84	652	0.073	ppbv #	44
31) cis-1,2-Dichloroethene	2.845	61	390	0.036	ppbv #	26
34) 2-Butanone	2.570	43	6833	0.452	ppbv	99
35) Carbon Tetrachloride	3.774	117	585	0.044	ppbv #	72
36) Benzene	3.674	78	2492	0.128	ppbv	95
39) 1,2-Dichloropropane	3.968	63	52198	7.428	ppbv #	18
41) Tetrahydrofuran	3.075	42	575	0.068	ppbv #	56
44) 2,2,4-Trimethylpentane	4.654	57	3319	0.100	ppbv #	39
53) Toluene	6.949	91	13160	0.597	ppbv	99
58) Ethyl Benzene	9.367	91	2474	0.083	ppbv #	82
59) m/p-Xylene	9.564	91	1382	0.058	ppbv #	100
60) o-Xylene	9.976	91	2612	0.109	ppbv	97
61) Styrene	9.875	104	373	0.036	ppbv #	47
71) 2-Chlorotoluene	10.872	91	14981	0.545	ppbv #	46
73) 1,3,5-Trimethylbenzene	11.218	105	768	0.033	ppbv #	63
74) 1,2,4-Trimethylbenzene	11.545	105	2331	0.092	ppbv #	54
75) 1,3-Dichlorobenzene	11.678	146	981	0.061	ppbv #	58
76) 1,4-Dichlorobenzene	11.678	146	981	0.062	ppbv #	57
79) Naphthalene	13.516	128	894	0.051	ppbv #	86

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

Instrument :
MSVOA_L
ClientSampleId :
C0AB7

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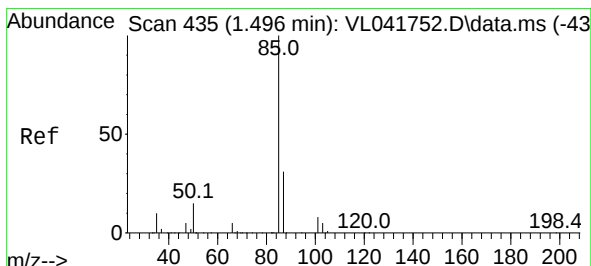
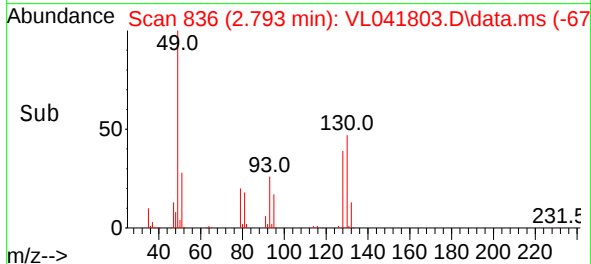
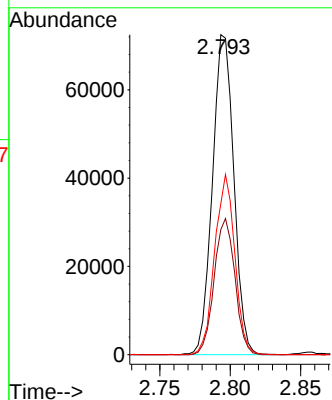
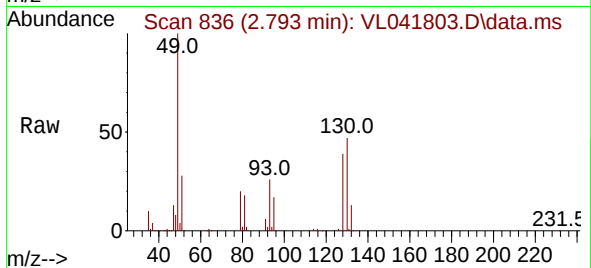




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 836
Delta R.T. 0.009 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

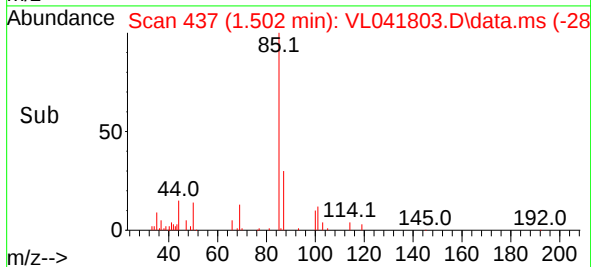
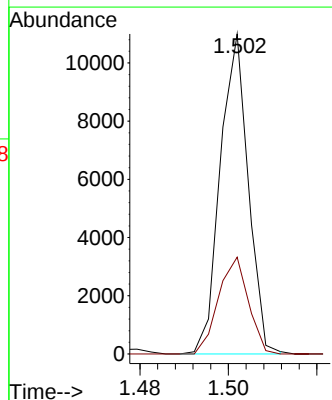
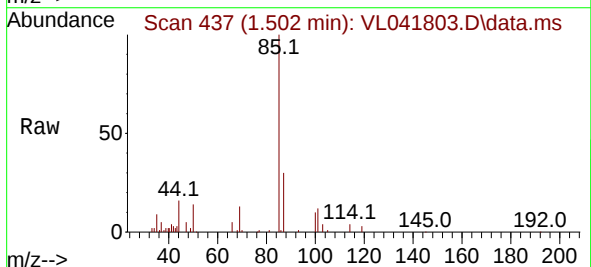
Instrument :
MSVOA_L
ClientSampleId :
C0AB7

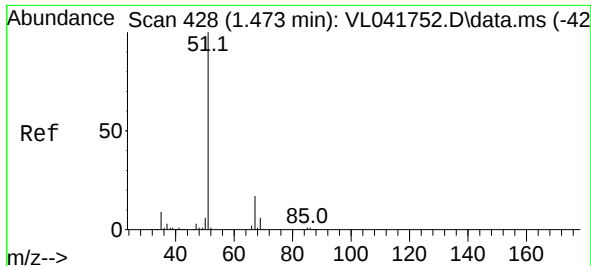
Tgt Ion: 49 Resp: 76658
Ion Ratio Lower Upper
49 100
128 41.2 21.6 64.6
130 52.9 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.355 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

Tgt Ion: 85 Resp: 4836
Ion Ratio Lower Upper
85 100
87 30.2 24.5 36.7

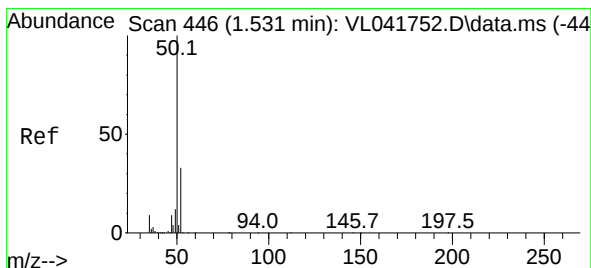
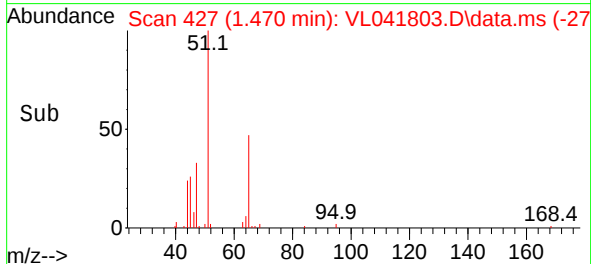
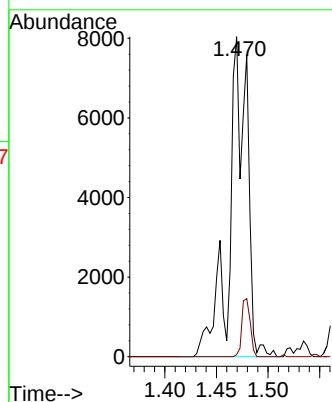
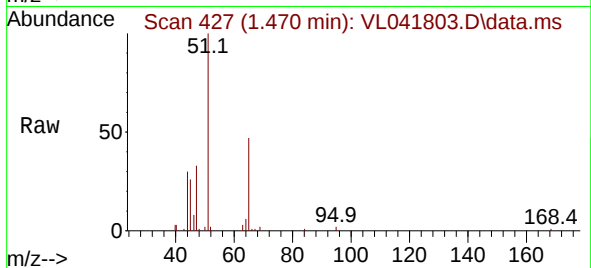




#3
Chlorodifluoromethane
Concen: 0.776 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.004 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

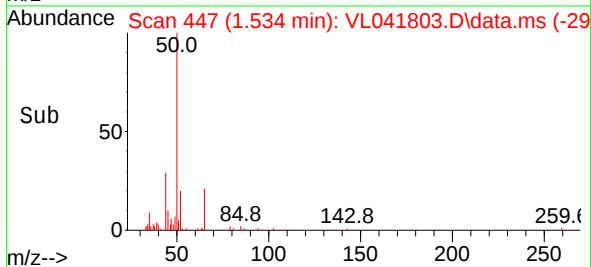
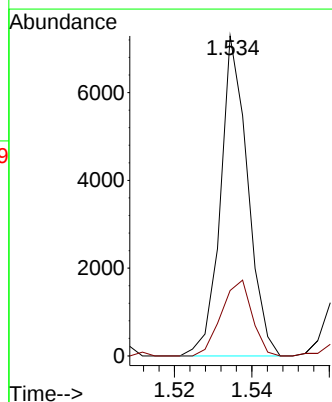
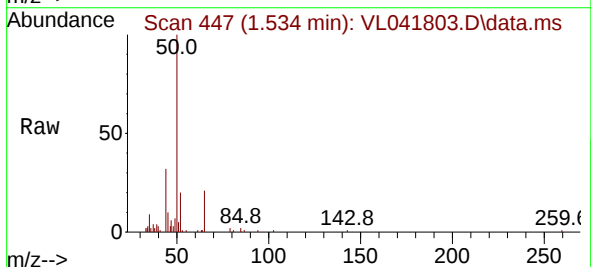
Instrument :
MSVOA_L
ClientSampleId :
C0AB7

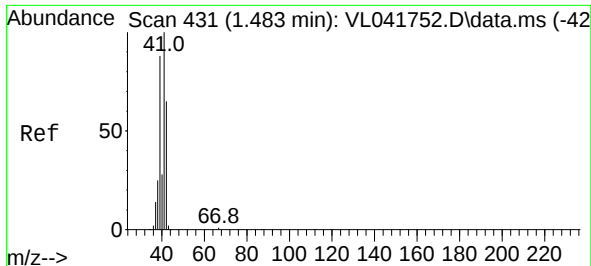
Tgt Ion: 51 Resp: 9706
Ion Ratio Lower Upper
51 100
67 8.4 15.0 22.4#



#4
Chloromethane
Concen: 0.666 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

Tgt Ion: 50 Resp: 3556
Ion Ratio Lower Upper
50 100
52 20.5 26.2 39.2#





#9

Propene

Concen: 4.821 ppbv

RT: 1.563 min Scan# 41

Delta R.T. 0.081 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

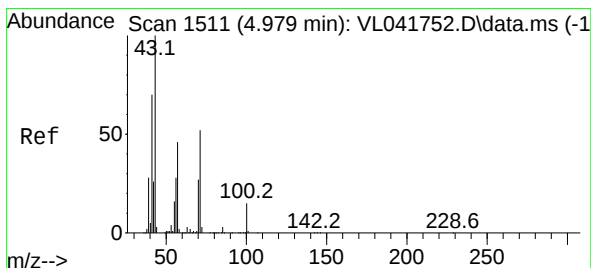
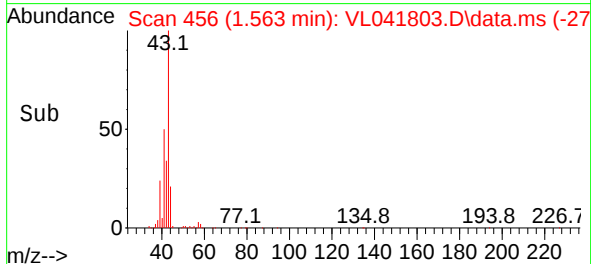
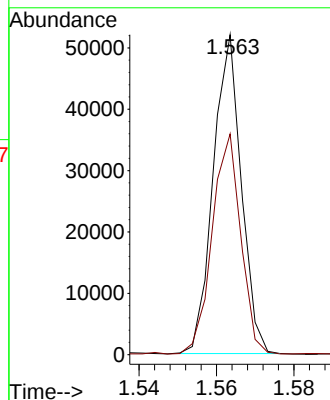
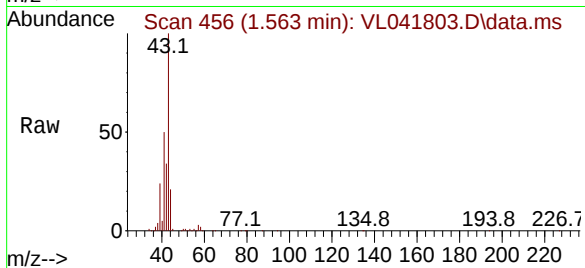
C0AB7

Tgt Ion: 41 Resp: 26125

Ion Ratio Lower Upper

41 100

42 70.6 52.4 78.6



#10

Heptane

Concen: 0.045 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL041803.D

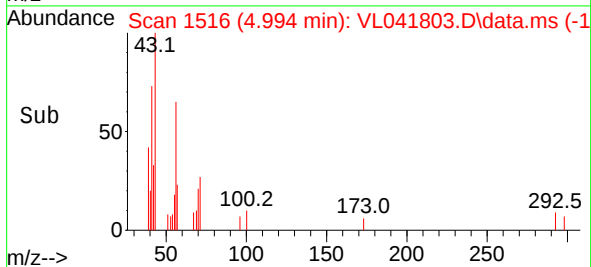
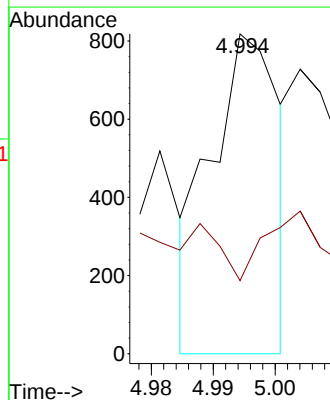
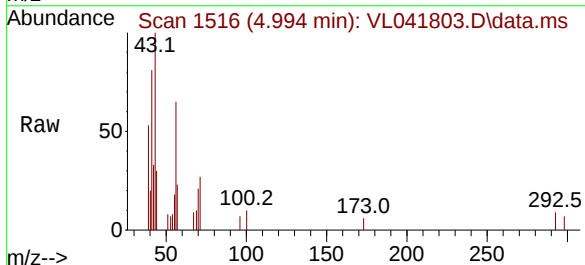
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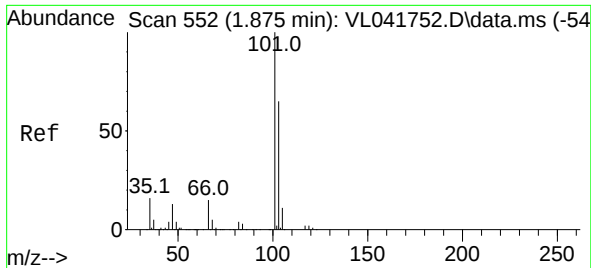
Tgt Ion: 43 Resp: 625

Ion Ratio Lower Upper

43 100

57 0.0 38.5 57.7#





#11

Trichlorofluoromethane

Concen: 0.200 ppbv

RT: 1.884 min Scan# 51

Delta R.T. 0.009 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

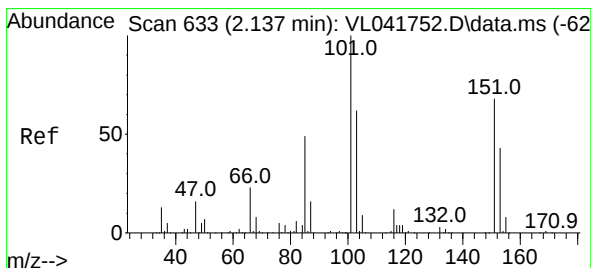
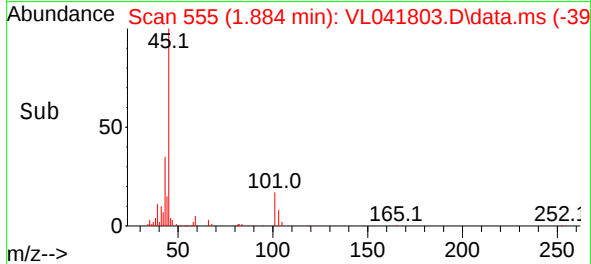
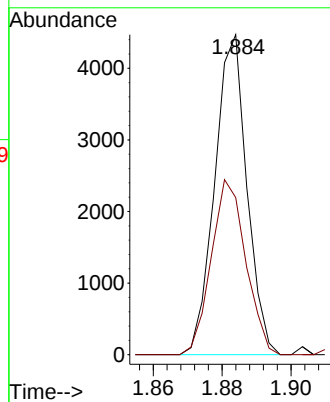
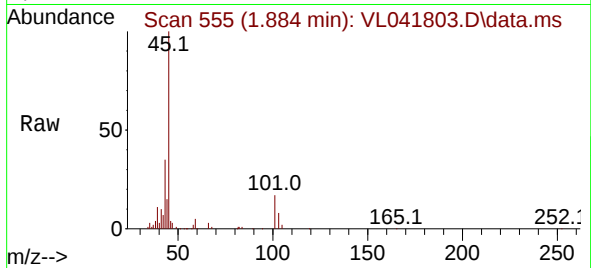
C0AB7

Tgt Ion:101 Resp: 2898

Ion Ratio Lower Upper

101 100

103 49.1 51.8 77.8#



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.065 ppbv

RT: 2.146 min Scan# 636

Delta R.T. 0.009 min

Lab File: VL041803.D

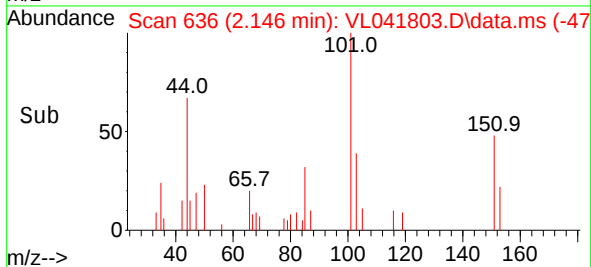
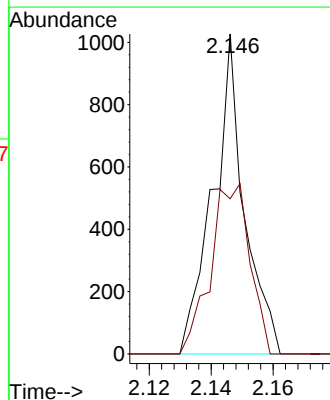
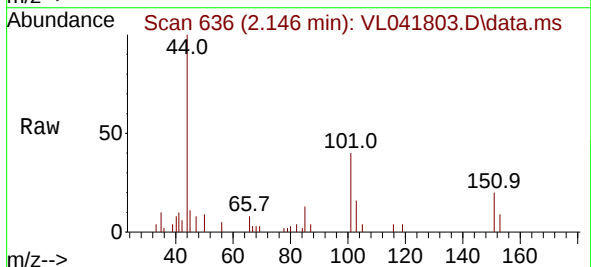
Acq: 18 Dec 2024 20:32

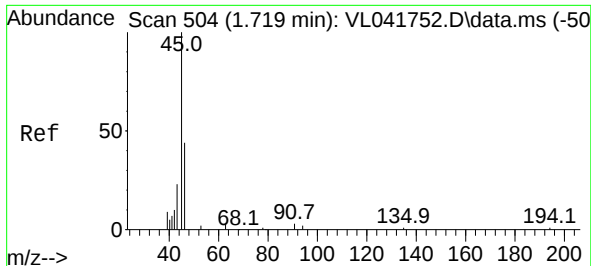
Tgt Ion:101 Resp: 718

Ion Ratio Lower Upper

101 100

151 67.0 56.8 85.2





#13

Ethanol

Concen: 4408.380 ppbv

RT: 1.732 min Scan# 508

Delta R.T. 0.013 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

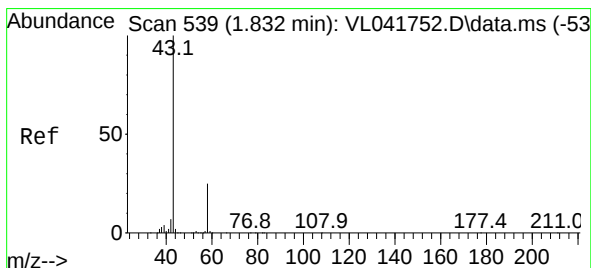
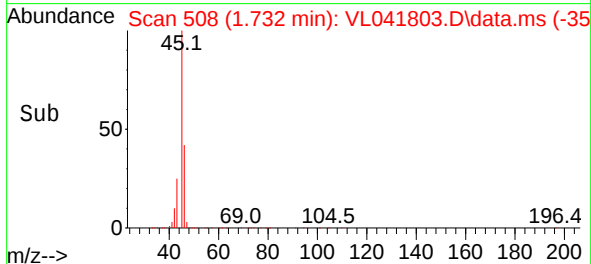
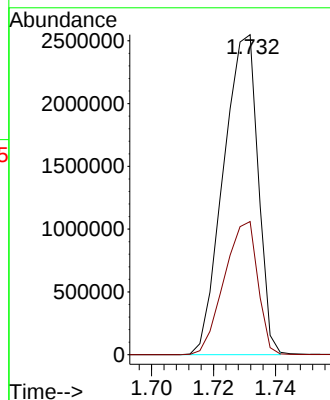
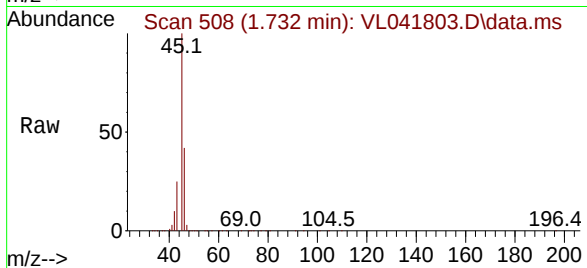
C0AB7

Tgt Ion: 45 Resp: 1977904

Ion Ratio Lower Upper

45 100

46 40.3 16.4 65.8



#15

Acetone

Concen: 8.637 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041803.D

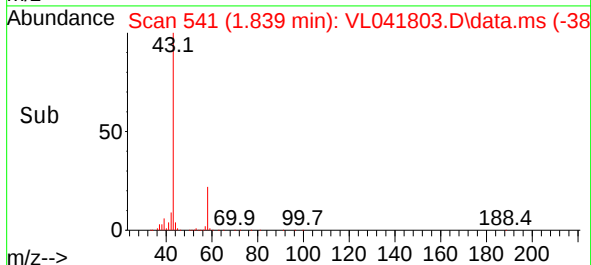
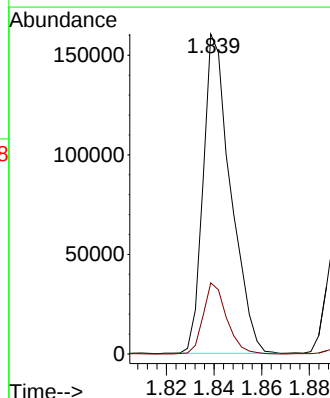
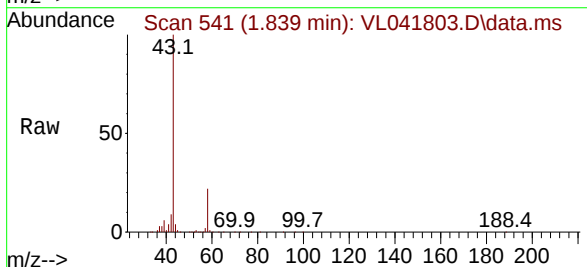
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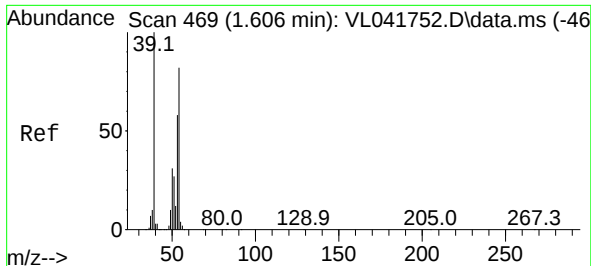
Tgt Ion: 43 Resp: 128822

Ion Ratio Lower Upper

43 100

58 19.0 19.7 29.5#





#16

1,3-Butadiene

Concen: 27.860 ppbv

RT: 1.625 min Scan# 41

Delta R.T. 0.019 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

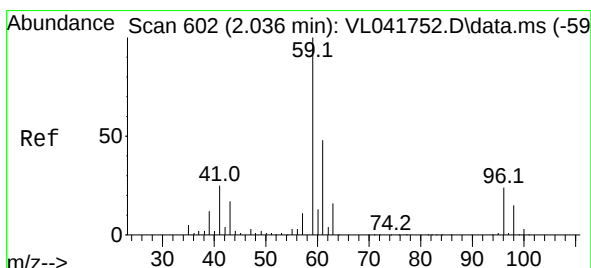
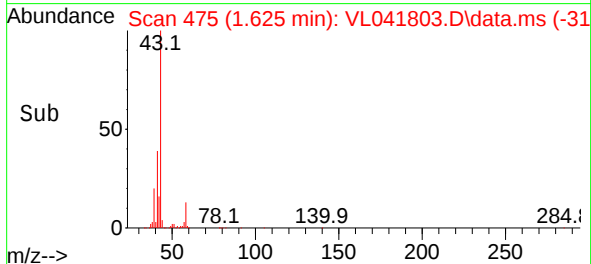
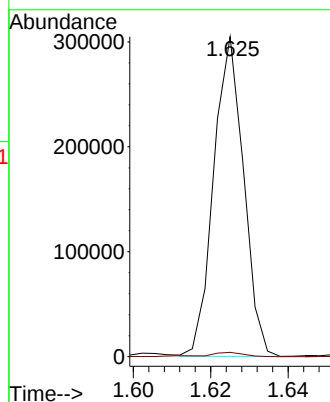
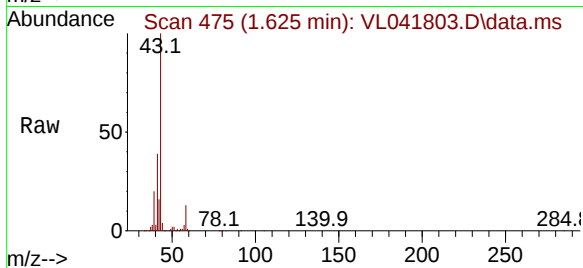
C0AB7

Tgt Ion: 39 Resp: 163629

Ion Ratio Lower Upper

39 100

54 1.8 58.4 87.6#



#17

tert-Butyl alcohol

Concen: 0.656 ppbv

RT: 2.049 min Scan# 606

Delta R.T. 0.013 min

Lab File: VL041803.D

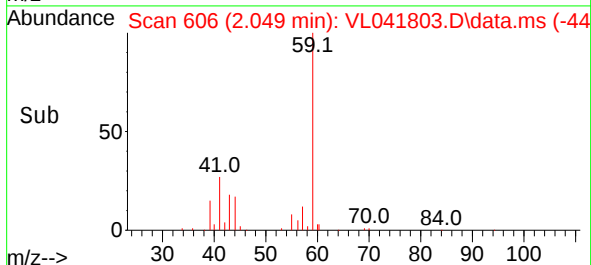
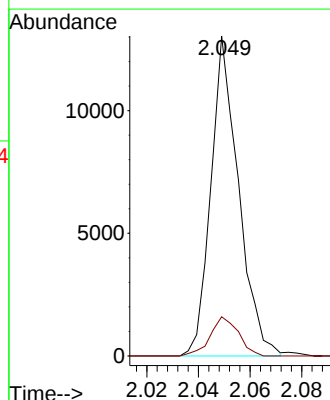
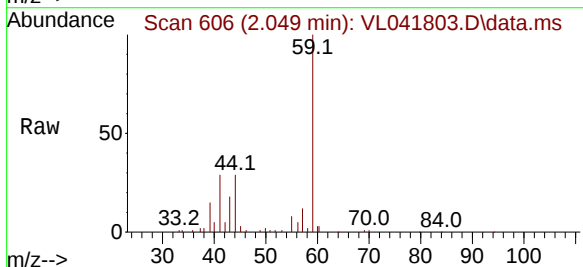
Acq: 18 Dec 2024 20:32

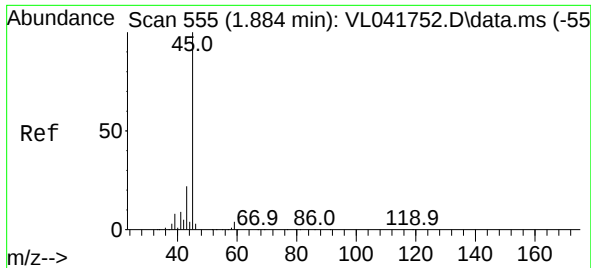
Tgt Ion: 59 Resp: 9710

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#

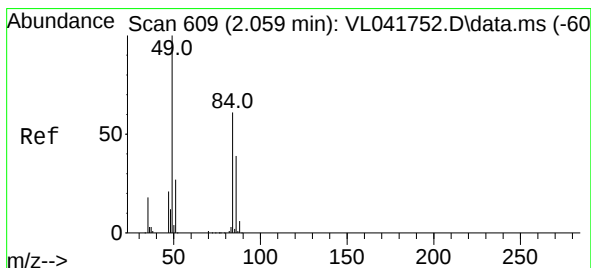
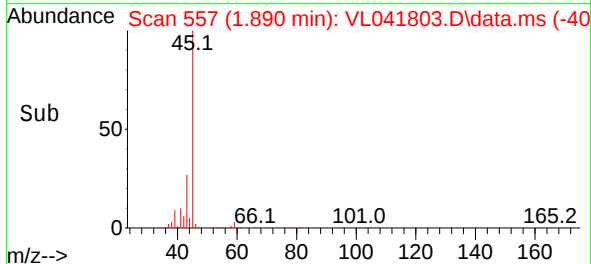
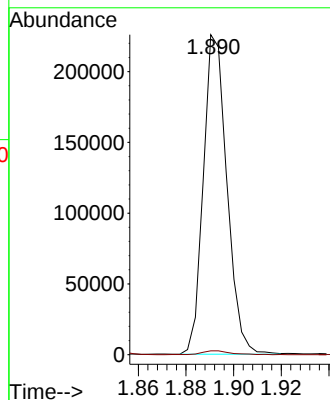
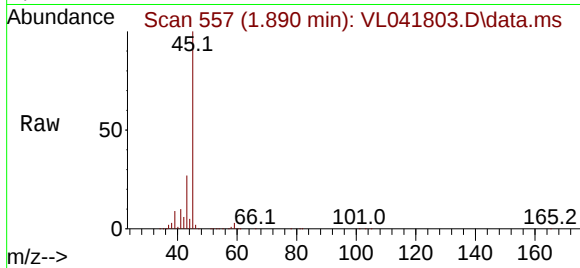




#19
Isopropyl Alcohol
Concen: 17.402 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

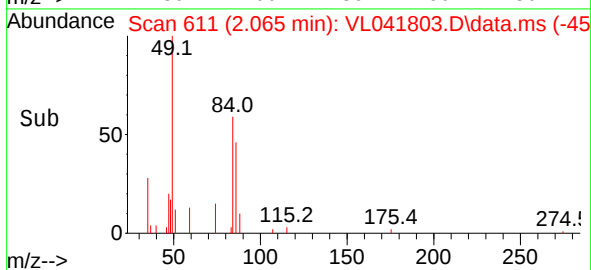
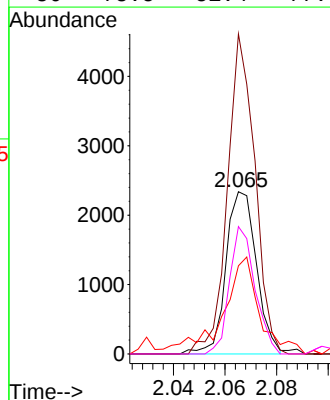
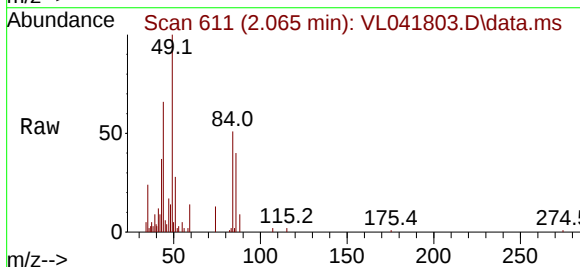
Instrument :
MSVOA_L
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C0AB7

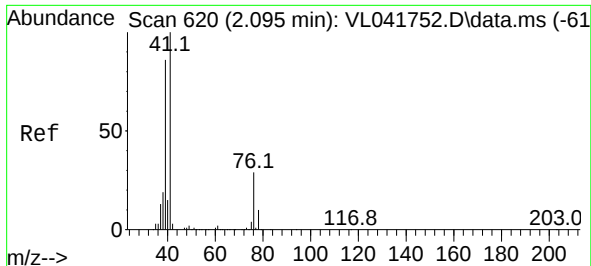
Tgt Ion: 45 Resp: 155744
Ion Ratio Lower Upper
45 100
58 15.7 33.3 49.9#



#20
Methylene Chloride
Concen: 0.452 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

Tgt Ion: 84 Resp: 1921
Ion Ratio Lower Upper
84 100
49 197.2 132.6 198.8
51 48.5 37.6 56.4
86 78.5 51.4 77.0#





#21

Allyl Chloride

Concen: 4.483 ppbv

RT: 1.968 min Scan# 51

Delta R.T. -0.127 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

C0AB7

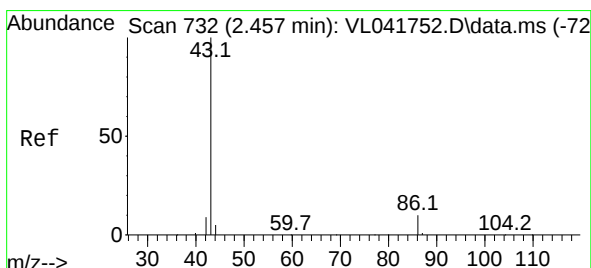
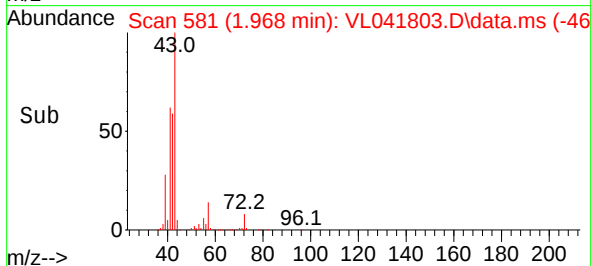
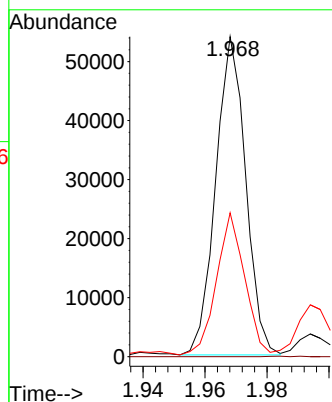
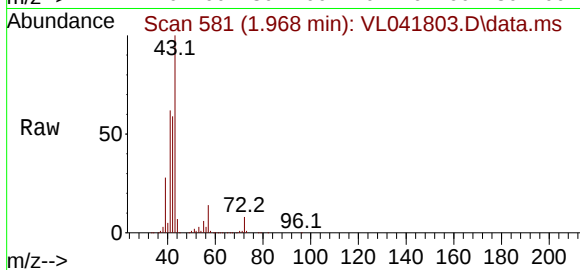
Tgt Ion: 41 Resp: 36262

Ion Ratio Lower Upper

41 100

76 0.6 22.3 33.5#

39 44.9 69.2 103.8#



#23

Vinyl Acetate

Concen: 1.215 ppbv

RT: 2.460 min Scan# 733

Delta R.T. 0.003 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Tgt Ion: 43 Resp: 8413

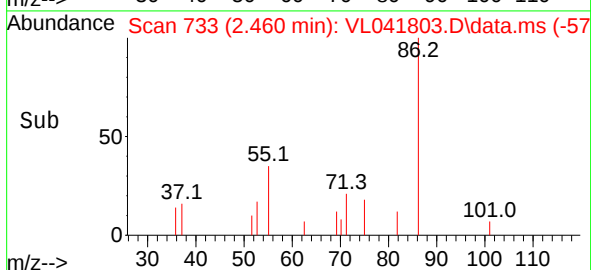
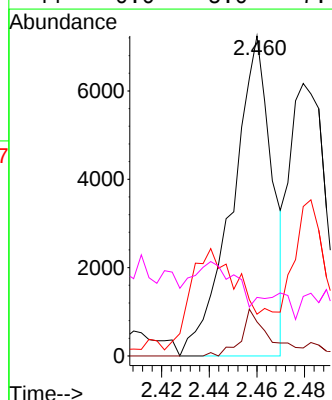
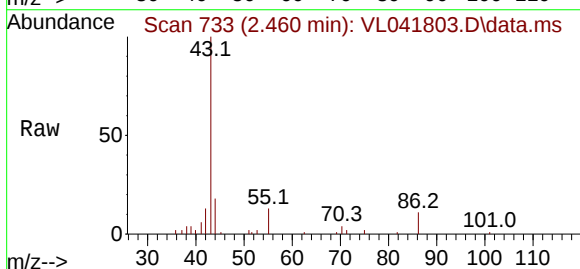
Ion Ratio Lower Upper

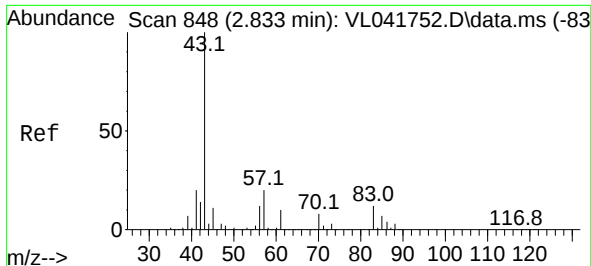
43 100

86 10.7 6.6 10.0#

42 6.0 8.2 12.2#

44 0.0 5.0 7.4#





#25

Ethyl Acetate

Concen: 0.151 ppbv

RT: 2.845 min Scan# 848

Delta R.T. 0.013 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

C0AB7

Tgt Ion: 43 Resp: 4200

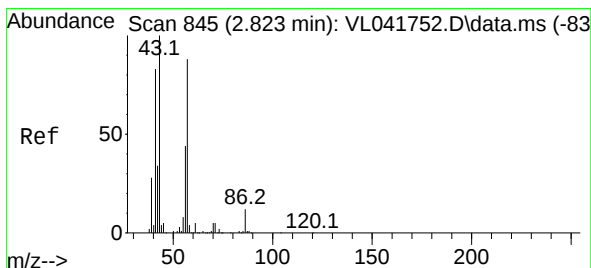
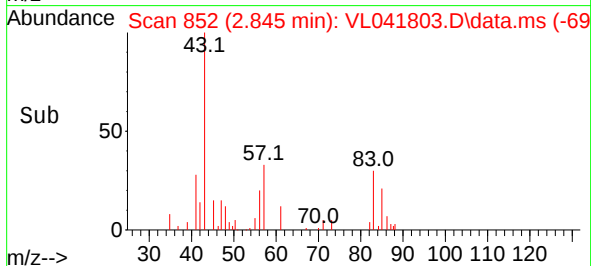
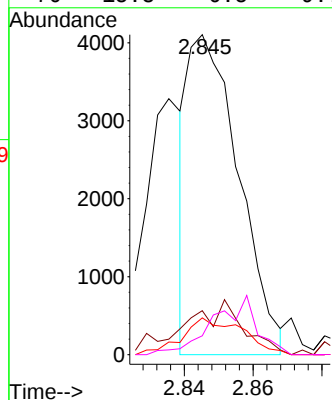
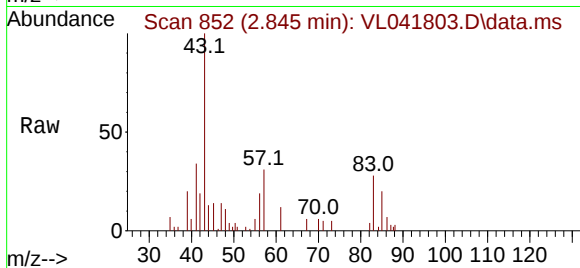
Ion Ratio Lower Upper

43 100

45 22.0 8.1 12.1#

61 13.8 7.0 10.6#

70 15.8 6.5 9.7#



#26

Hexane

Concen: 0.338 ppbv

RT: 2.835 min Scan# 849

Delta R.T. 0.013 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Tgt Ion: 57 Resp: 3564

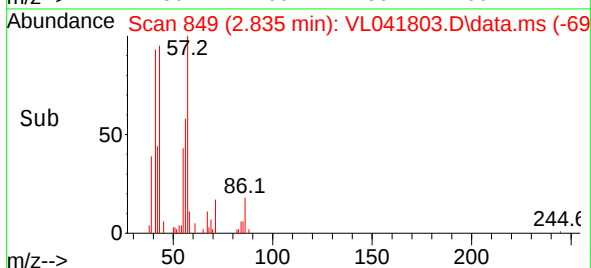
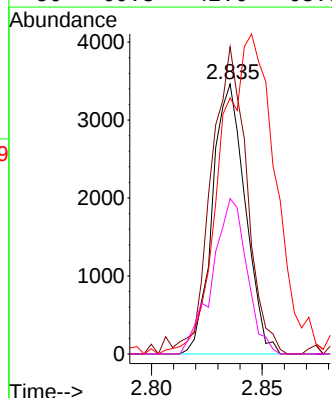
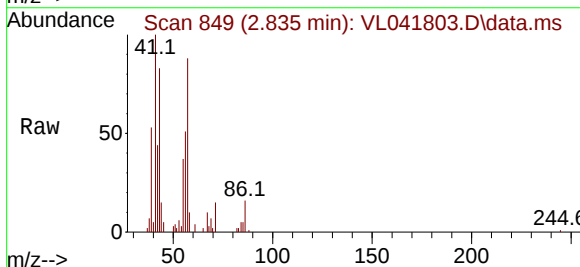
Ion Ratio Lower Upper

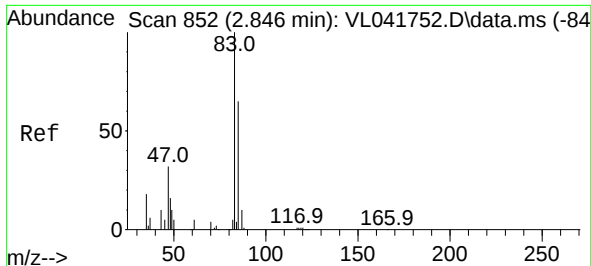
57 100

41 126.2 79.6 119.4#

43 200.4 211.0 316.6#

56 60.8 42.6 63.8





#29

Chloroform

Concen: 0.297 ppbv

RT: 2.855 min Scan# 81

Delta R.T. 0.009 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

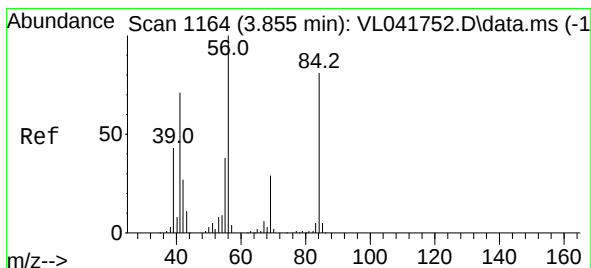
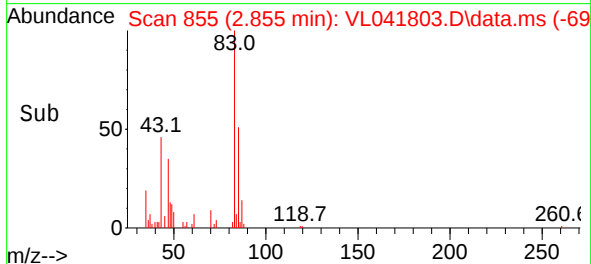
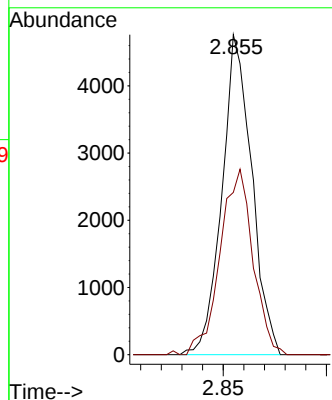
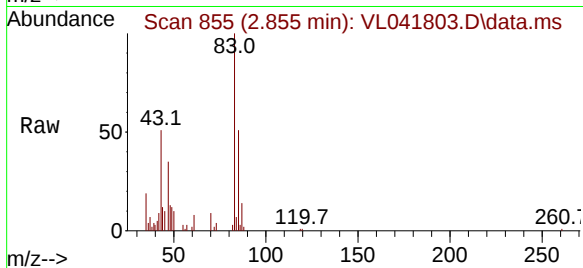
C0AB7

Tgt Ion: 83 Resp: 4772

Ion Ratio Lower Upper

83 100

85 50.7 51.8 77.6#



#30

Cyclohexane

Concen: 0.073 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.009 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

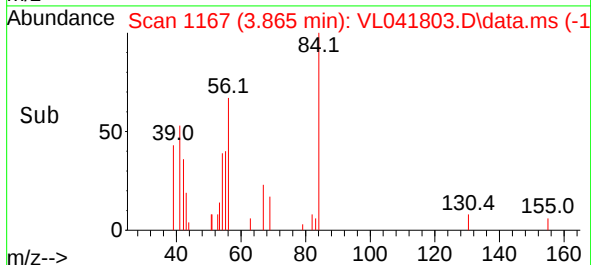
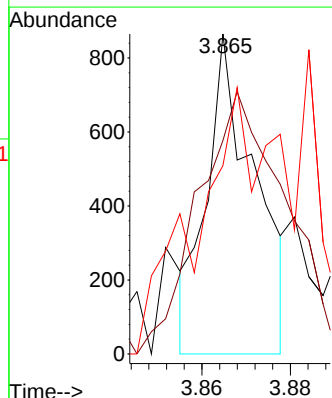
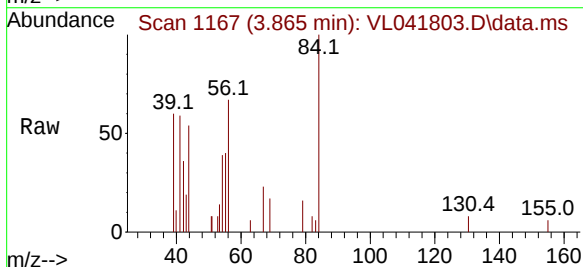
Tgt Ion: 84 Resp: 652

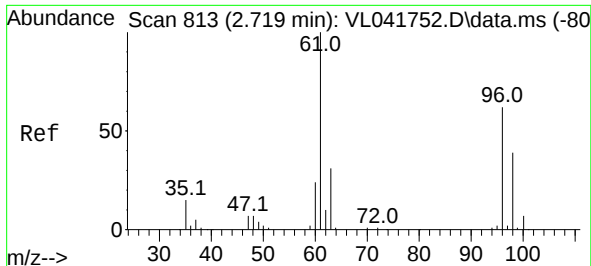
Ion Ratio Lower Upper

84 100

56 158.3 102.3 153.5#

41 0.0 74.0 111.0#





#31

cis-1,2-Dichloroethene

Concen: 0.036 ppbv

RT: 2.845 min Scan# 81

Delta R.T. 0.126 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

C0AB7

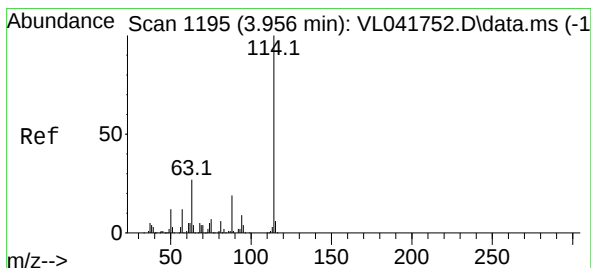
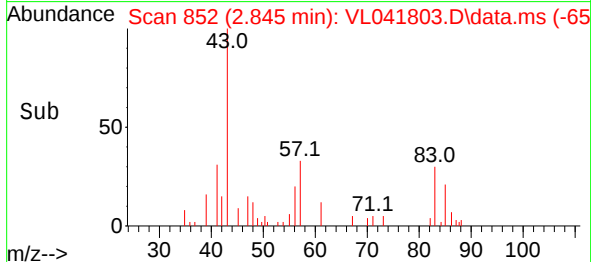
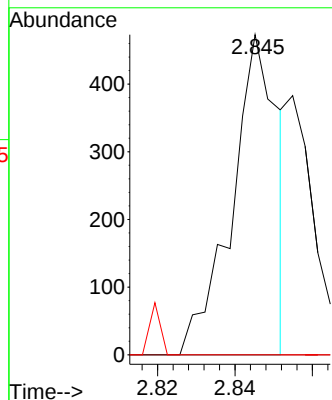
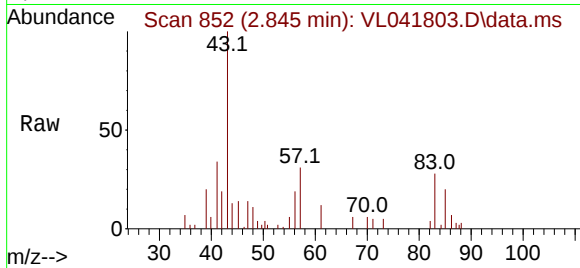
Tgt Ion: 61 Resp: 390

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: 3.972 min Scan# 1200

Delta R.T. 0.016 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

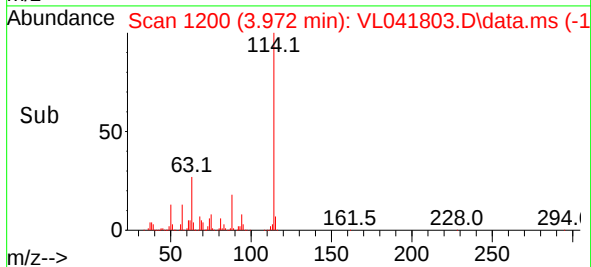
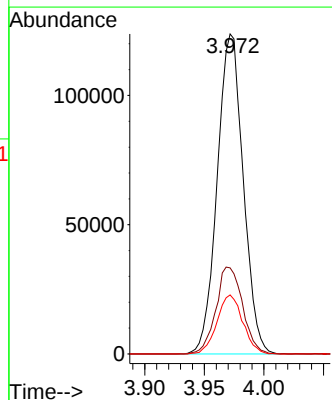
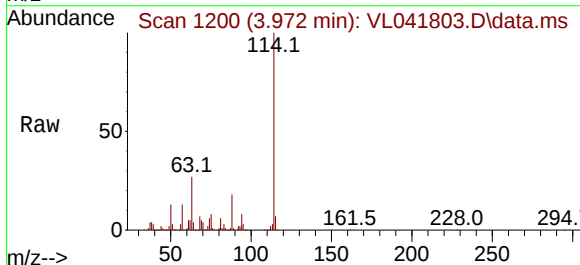
Tgt Ion:114 Resp: 187828

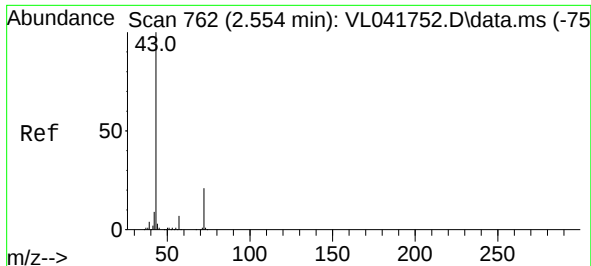
Ion Ratio Lower Upper

114 100

63 27.8 21.8 32.8

88 18.2 14.8 22.2

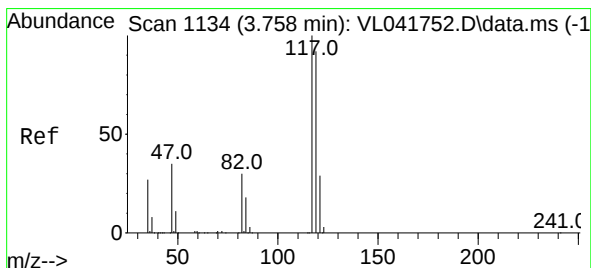
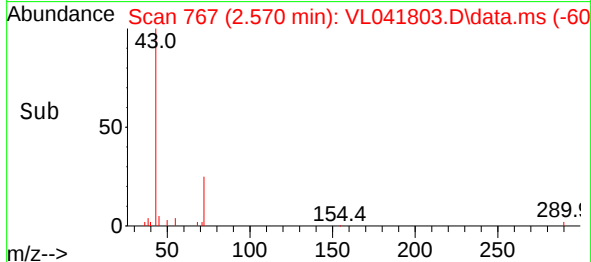
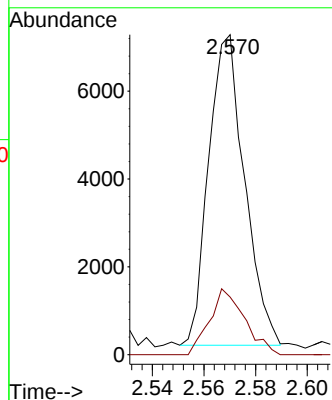
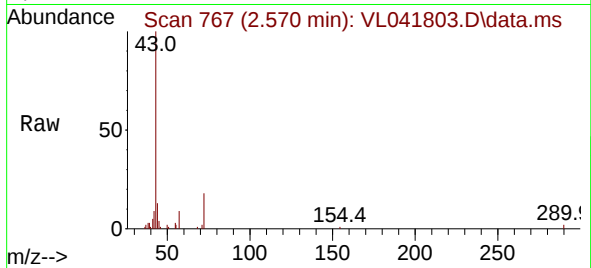




#34
2-Butanone
Concen: 0.452 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.016 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

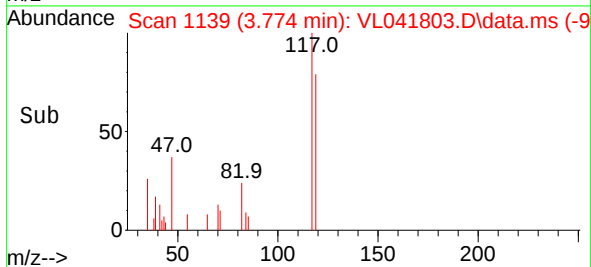
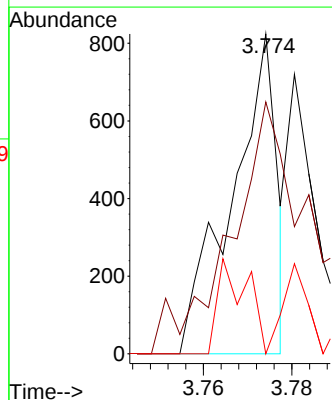
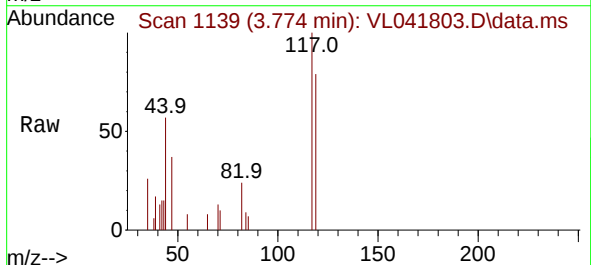
Instrument :
MSVOA_L
ClientSampleId :
C0AB7

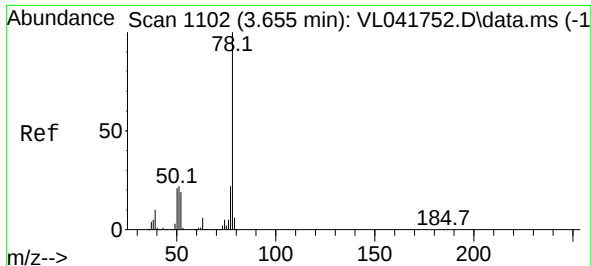
Tgt Ion: 43 Resp: 6833
Ion Ratio Lower Upper
43 100
72 20.6 16.8 25.2



#35
Carbon Tetrachloride
Concen: 0.044 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.016 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

Tgt Ion: 117 Resp: 585
Ion Ratio Lower Upper
117 100
119 72.7 73.7 110.5#
121 0.0 23.0 34.4#

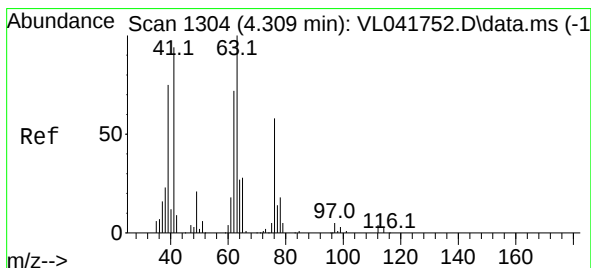
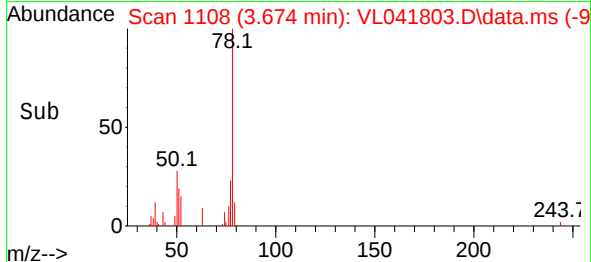
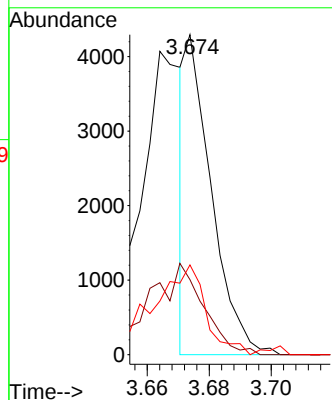
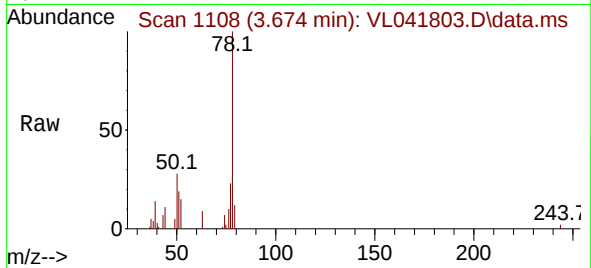




#36
Benzene
Concen: 0.128 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.019 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

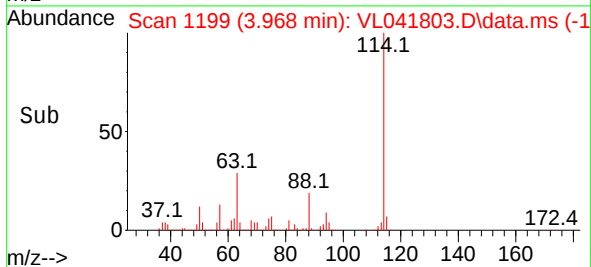
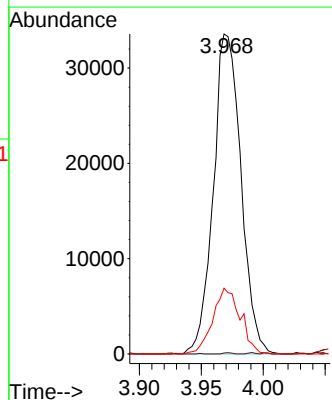
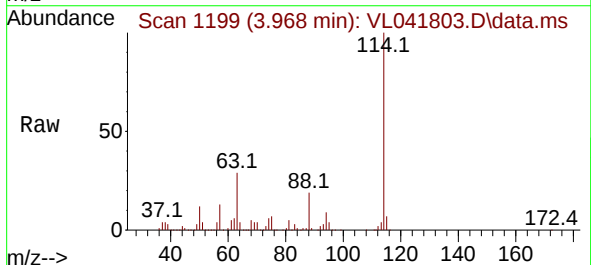
Instrument :
MSVOA_L
ClientSampleId :
C0AB7

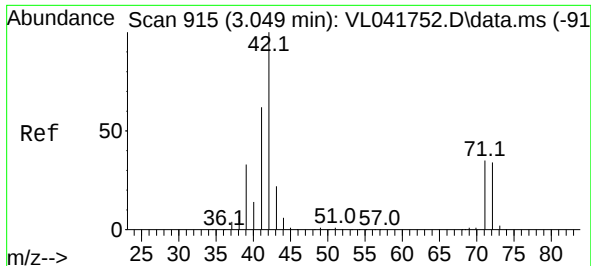
Tgt Ion: 78 Resp: 2492
Ion Ratio Lower Upper
78 100
77 23.5 17.8 26.6
50 25.3 17.2 25.8



#39
1,2-Dichloropropane
Concen: 7.428 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.340 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

Tgt Ion: 63 Resp: 52198
Ion Ratio Lower Upper
63 100
41 0.3 75.3 112.9#
62 20.6 57.3 85.9#





#41

Tetrahydrofuran

Concen: 0.068 ppbv

RT: 3.075 min Scan# 91

Delta R.T. 0.026 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

C0AB7

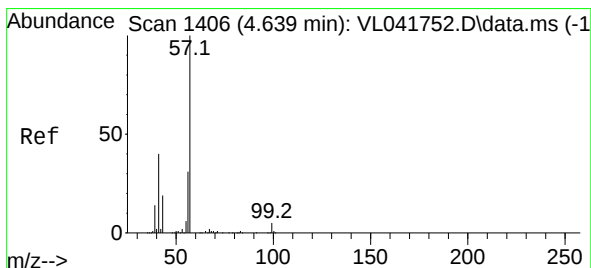
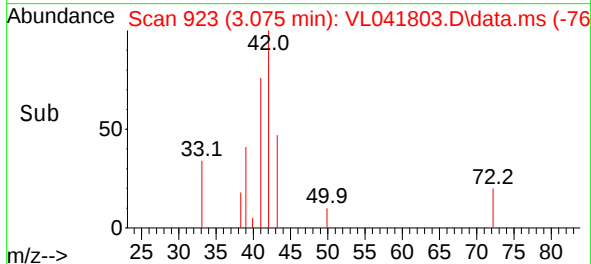
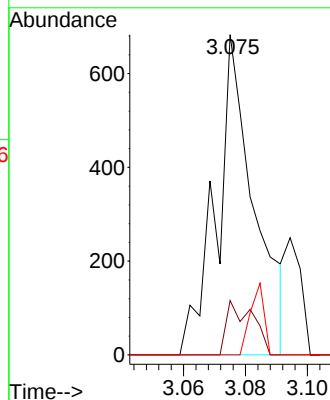
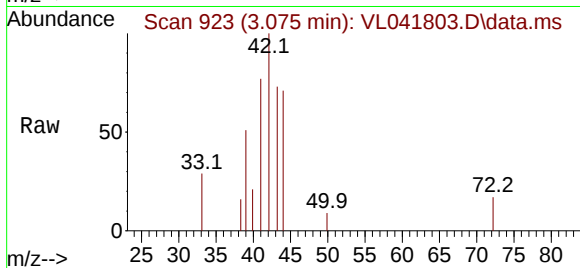
Tgt Ion: 42 Resp: 575

Ion Ratio Lower Upper

42 100

72 11.7 29.1 43.7#

71 8.2 28.4 42.6#



#44

2,2,4-Trimethylpentane

Concen: 0.100 ppbv

RT: 4.654 min Scan# 1411

Delta R.T. 0.016 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

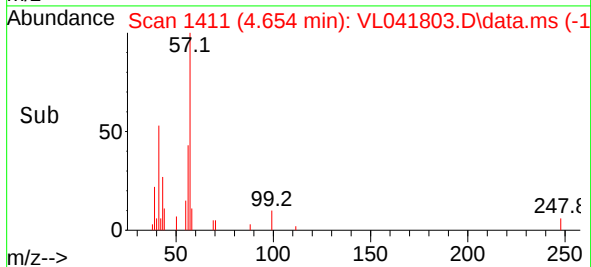
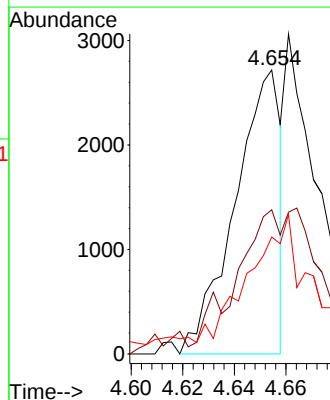
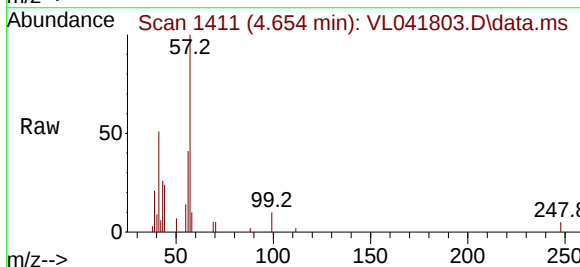
Tgt Ion: 57 Resp: 3319

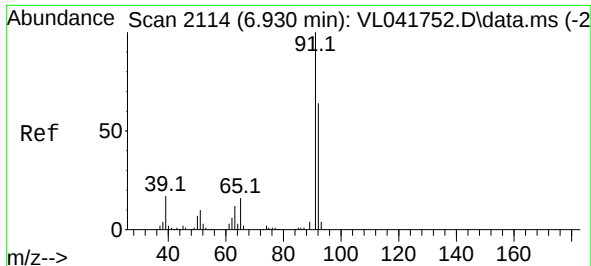
Ion Ratio Lower Upper

57 100

41 0.0 30.7 46.1#

56 0.0 25.4 38.0#

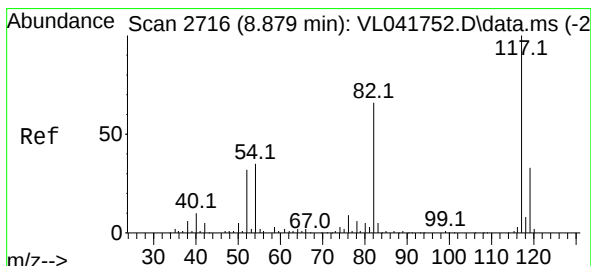
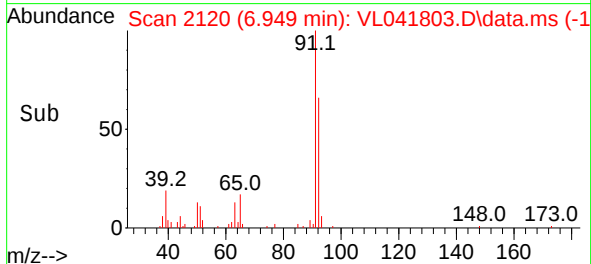
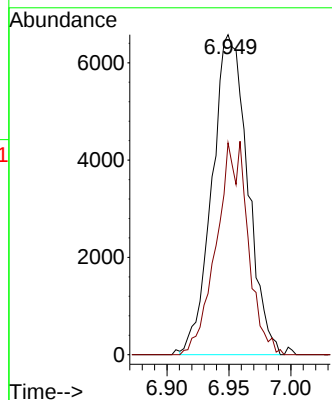
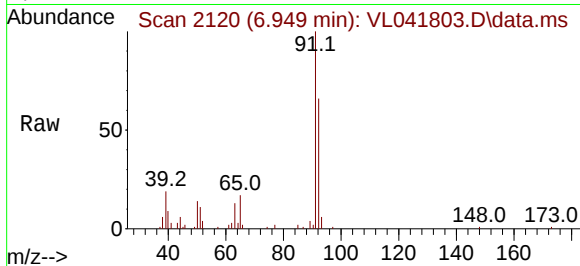




#53
Toluene
Concen: 0.597 ppbv
RT: 6.949 min Scan# 2114
Delta R.T. 0.019 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

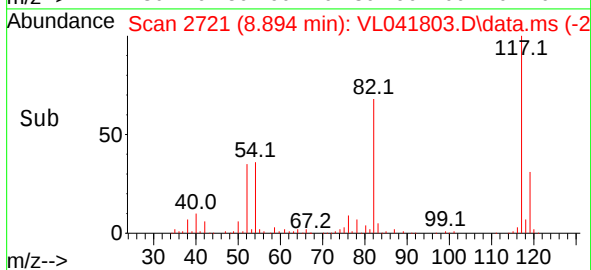
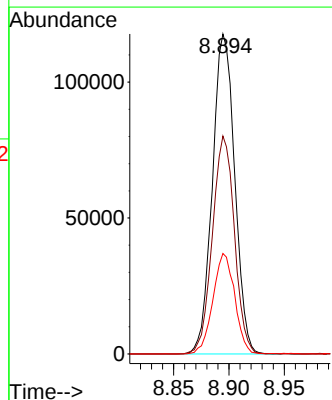
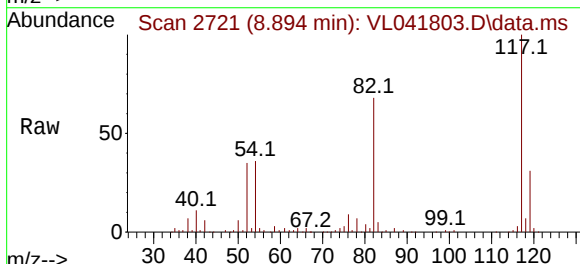
Instrument :
MSVOA_L
ClientSampleId :
C0AB7

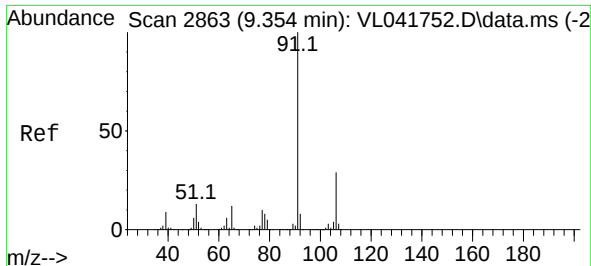
Tgt Ion: 91 Resp: 13160
Ion Ratio Lower Upper
91 100
92 59.3 47.9 71.9



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 2721
Delta R.T. 0.016 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

Tgt Ion: 117 Resp: 164998
Ion Ratio Lower Upper
117 100
82 67.3 53.8 80.8
119 30.9 26.7 40.1





#58

Ethyl Benzene

Concen: 0.083 ppbv

RT: 9.367 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

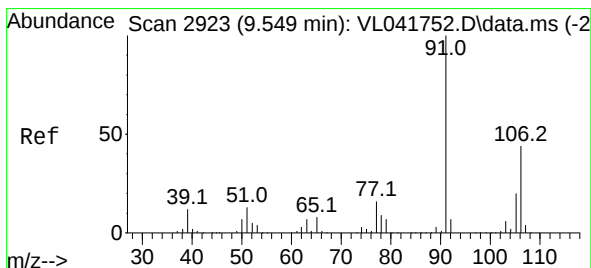
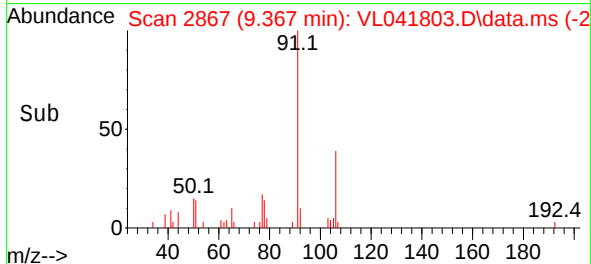
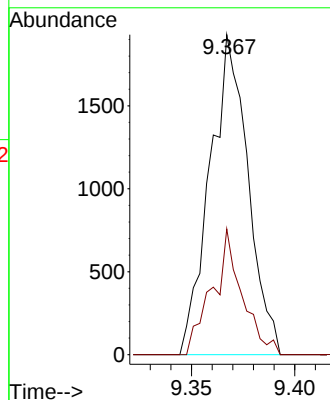
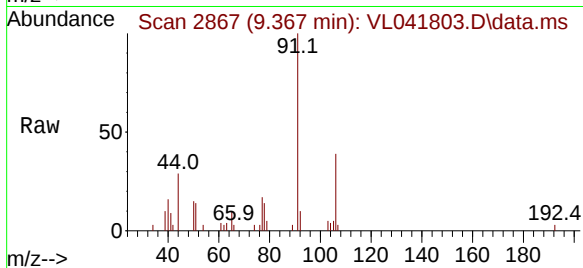
C0AB7

Tgt Ion: 91 Resp: 2474

Ion Ratio Lower Upper

91 100

106 39.3 23.5 35.3#



#59

m/p-Xylene

Concen: 0.058 ppbv

RT: 9.564 min Scan# 2928

Delta R.T. 0.016 min

Lab File: VL041803.D

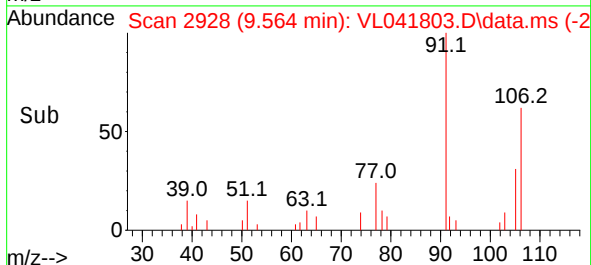
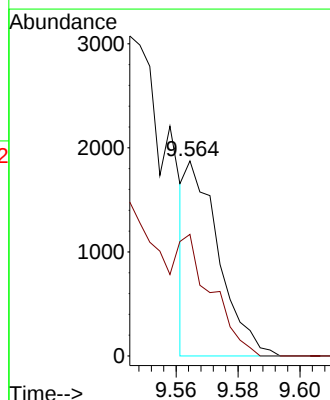
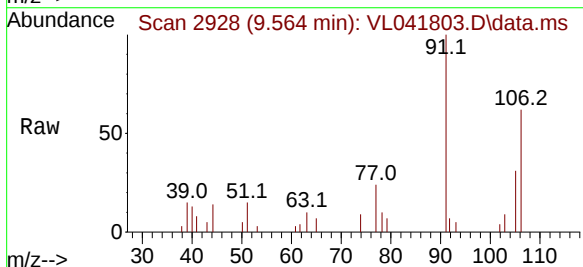
Acq: 18 Dec 2024 20:32

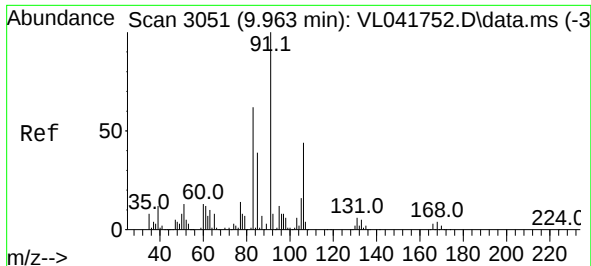
Tgt Ion: 91 Resp: 1382

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0





#60

o-Xylene

Concen: 0.109 ppbv

RT: 9.976 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

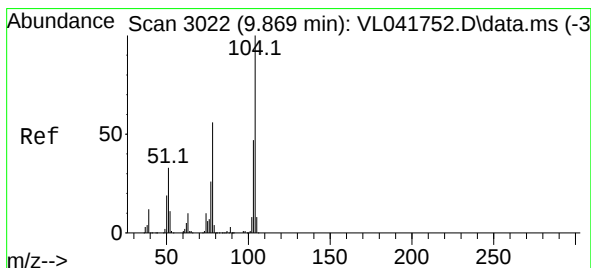
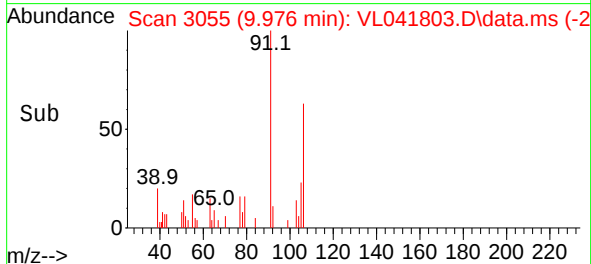
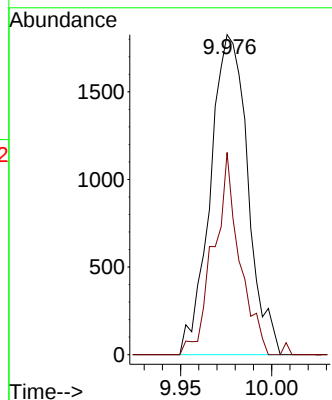
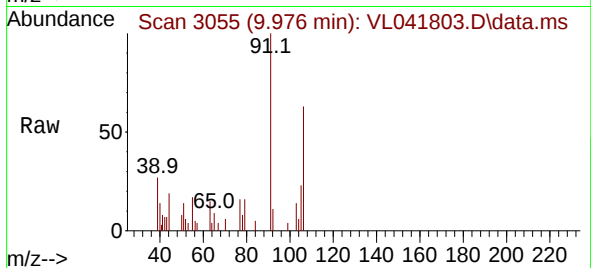
C0AB7

Tgt Ion: 91 Resp: 2612

Ion Ratio Lower Upper

91 100

106 44.4 21.1 63.4



#61

Styrene

Concen: 0.036 ppbv

RT: 9.875 min Scan# 3024

Delta R.T. 0.006 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

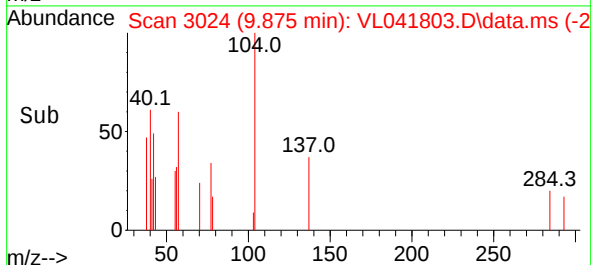
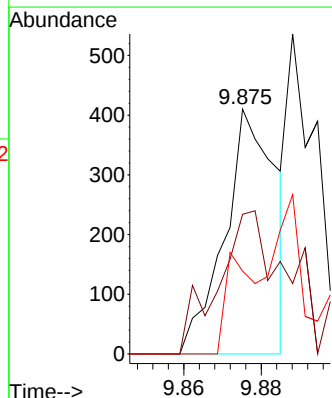
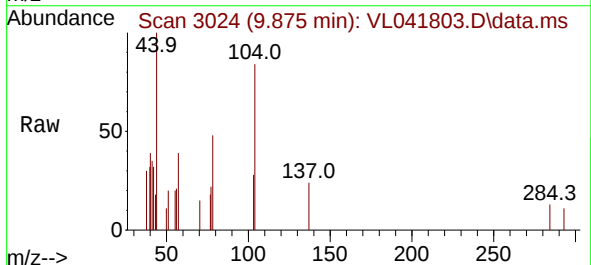
Tgt Ion: 104 Resp: 373

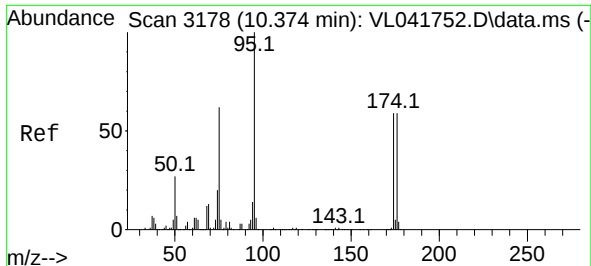
Ion Ratio Lower Upper

104 100

78 82.3 43.8 65.6#

103 0.0 37.8 56.6#

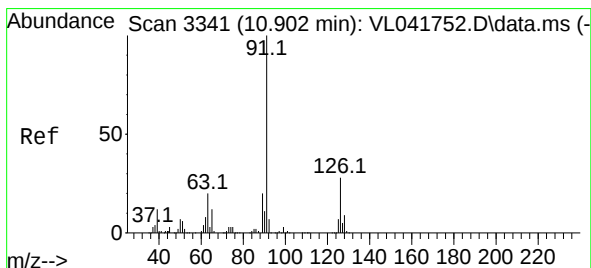
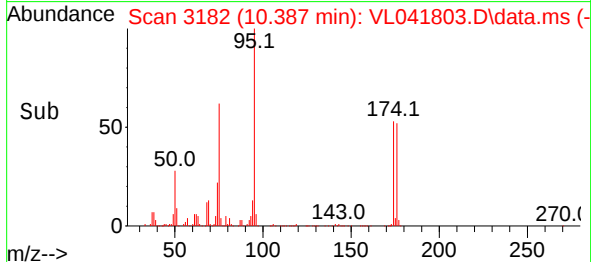
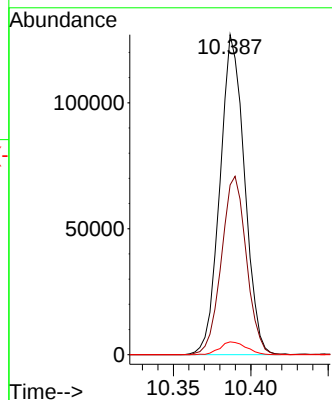
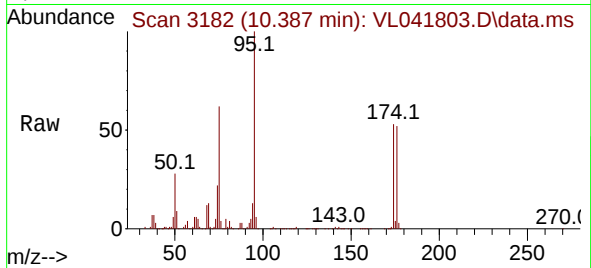




#68
1-Bromo-4-Fluorobenzene
Concen: 10.182 ppbv
RT: 10.387 min Scan# 3178
Delta R.T. 0.013 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

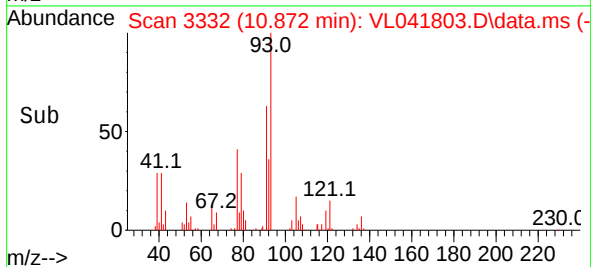
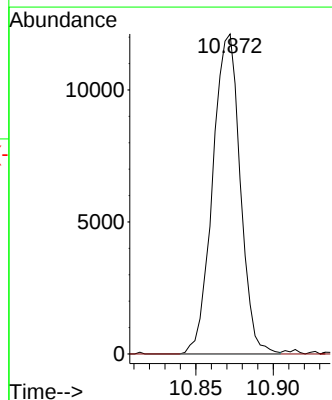
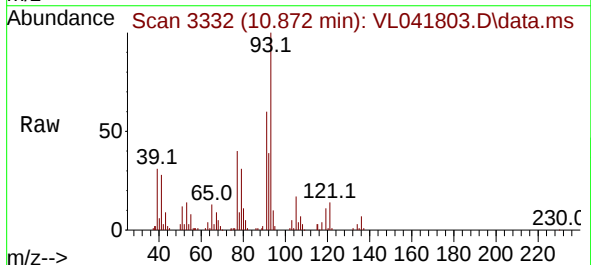
Instrument :
MSVOA_L
ClientSampleId :
C0AB7

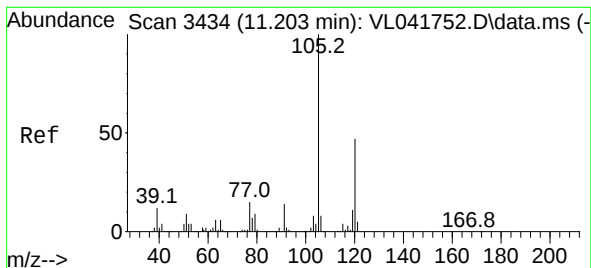
Tgt Ion: 95 Resp: 139994
Ion Ratio Lower Upper
95 100
174 56.8 47.6 71.4
175 4.3 3.7 5.5



#71
2-Chlorotoluene
Concen: 0.545 ppbv
RT: 10.872 min Scan# 3332
Delta R.T. -0.030 min
Lab File: VL041803.D
Acq: 18 Dec 2024 20:32

Tgt Ion: 91 Resp: 14981
Ion Ratio Lower Upper
91 100
126 0.0 11.6 46.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.033 ppbv

RT: 11.218 min Scan# 3434

Delta R.T. 0.016 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

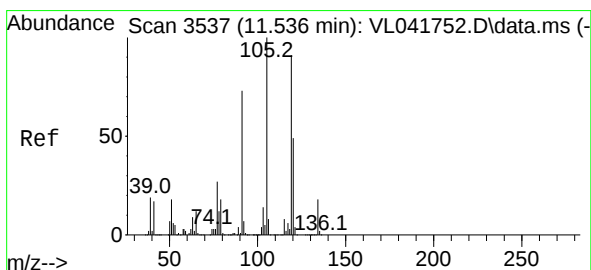
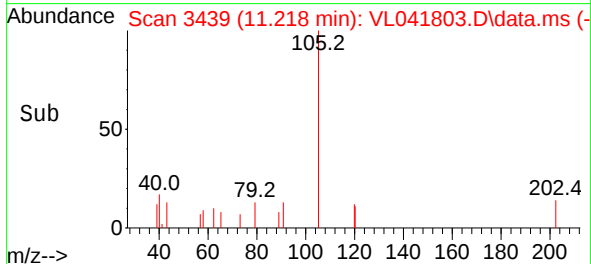
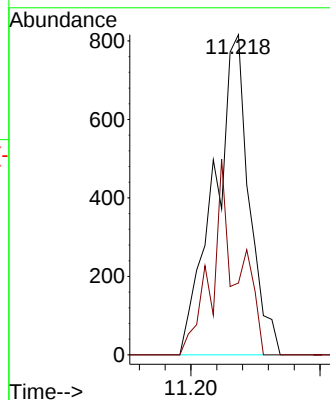
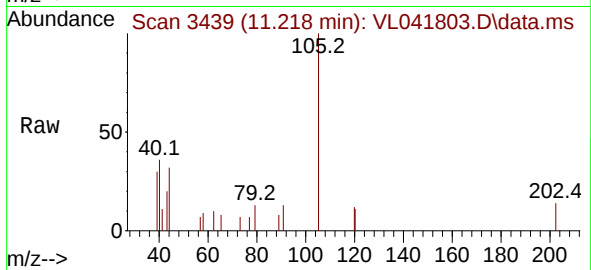
C0AB7

Tgt Ion:105 Resp: 768

Ion Ratio Lower Upper

105 100

120 22.4 37.4 56.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.092 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.009 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Tgt Ion:105 Resp: 2331

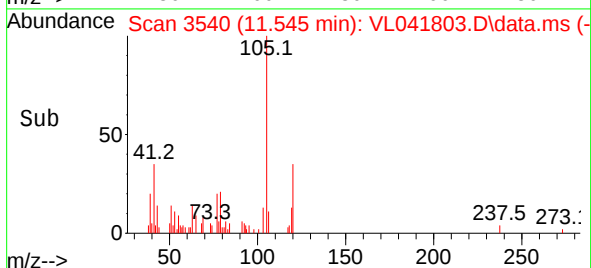
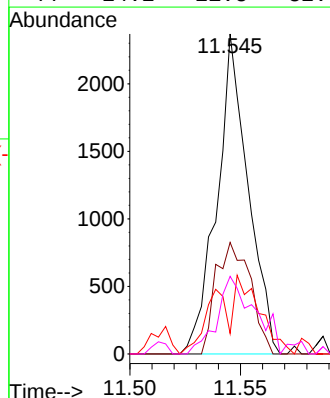
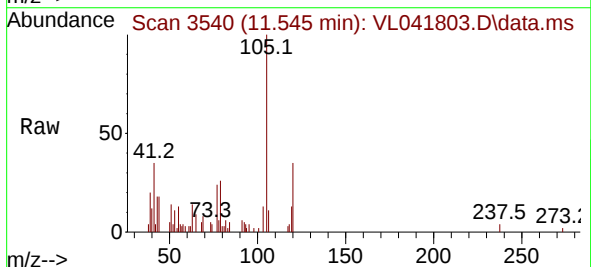
Ion Ratio Lower Upper

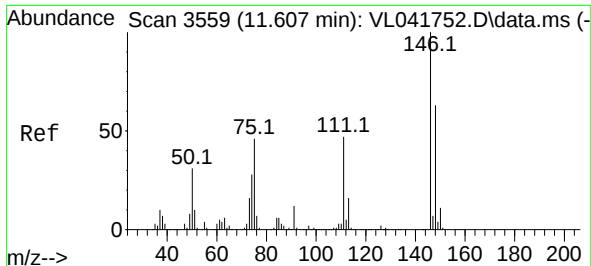
105 100

120 34.9 39.0 58.4#

91 6.4 58.1 87.1#

77 24.2 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 0.061 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.071 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

C0AB7

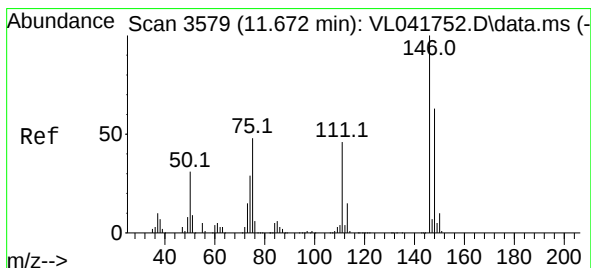
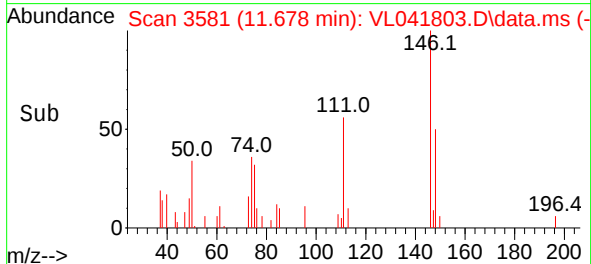
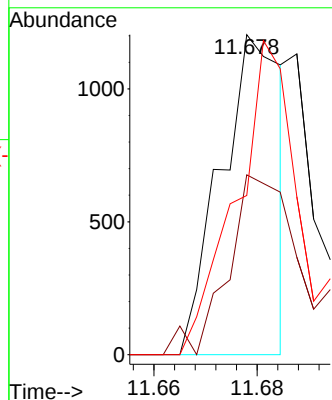
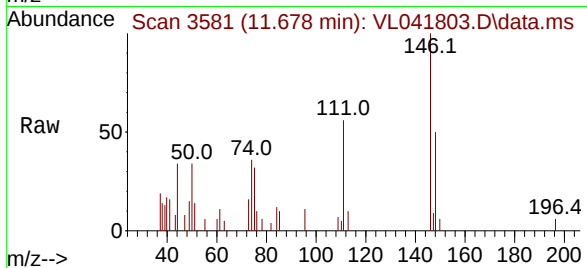
Tgt Ion:146 Resp: 981

Ion Ratio Lower Upper

146 100

111 68.7 23.4 70.3

148 100.8 31.6 95.0#



#76

1,4-Dichlorobenzene

Concen: 0.062 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.006 min

Lab File: VL041803.D

Acq: 18 Dec 2024 20:32

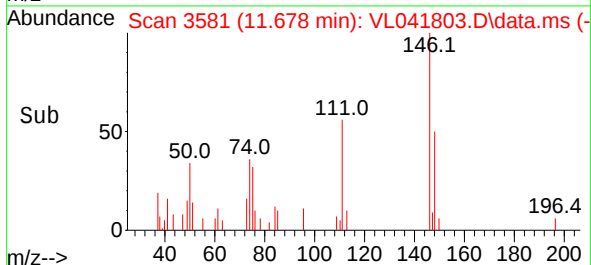
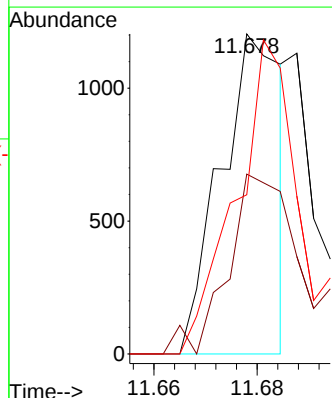
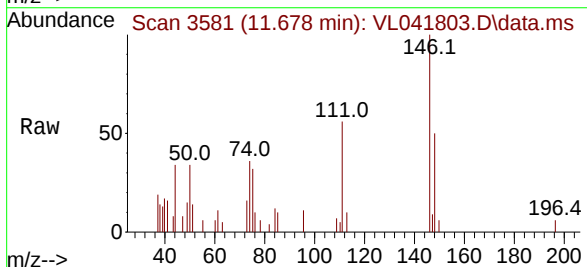
Tgt Ion:146 Resp: 981

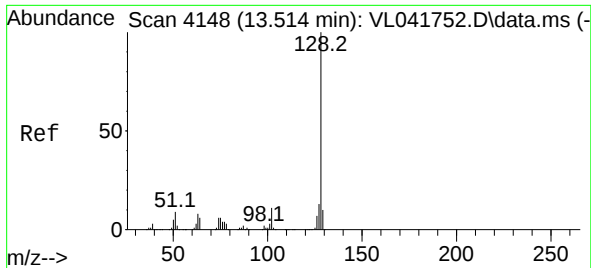
Ion Ratio Lower Upper

146 100

111 68.7 22.7 68.1#

148 100.8 31.4 94.0#





#79

Naphthalene

Concen: 0.051 ppbv

RT: 13.516 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041803.D

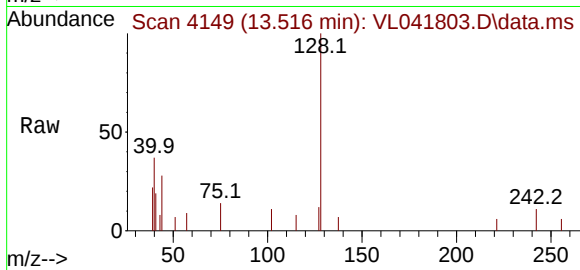
Acq: 18 Dec 2024 20:32

Instrument :

MSVOA_L

ClientSampleId :

C0AB7



Tgt Ion:128 Resp: 894

Ion Ratio Lower Upper

128 100

127 12.0 10.7 16.1

129 0.0 8.2 12.4#

