

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041813.D
 Acq On : 19 Dec 2024 01:55
 Operator : SY/MD
 Sample : P5292-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AC6

Quant Time: Dec 19 08:03:19 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	75339	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	184828	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	185714	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	149193	9.640	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	7356	0.549	ppbv	95
3) Chlorodifluoromethane	1.476	51	6298	0.513	ppbv #	75
4) Chloromethane	1.531	50	1019	0.194	ppbv	96
7) Chloroethane	1.706	64	66	0.032	ppbv	92
8) Dichlorotetrafluoroethane	1.557	85	589	0.049	ppbv	93
9) Propene	1.489	41	4671	0.877	ppbv	93
10) Heptane	4.991	43	2302	0.168	ppbv #	52
11) Trichlorofluoromethane	1.881	101	14344	1.007	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.146	101	830	0.077	ppbv	87
13) Ethanol	1.722	45	39169	88.829	ppbv	91
15) Acetone	1.839	43	52705	3.595	ppbv	94
16) 1,3-Butadiene	1.602	39	2398	0.415	ppbv #	28
17) tert-Butyl alcohol	1.887	59	7734	0.532	ppbv	98
19) Isopropyl Alcohol	1.887	45	203262	23.109	ppbv #	36
20) Methylene Chloride	2.065	84	8722	2.087	ppbv	95
21) Allyl Chloride	2.065	41	419	0.053	ppbv #	16
23) Vinyl Acetate	2.460	43	7797	1.146	ppbv #	78
25) Ethyl Acetate	2.842	43	31983	1.173	ppbv	99
26) Hexane	2.832	57	12521	1.210	ppbv #	91
27) Carbon Disulfide	2.153	76	647	0.069	ppbv #	53
29) Chloroform	2.855	83	7646	0.485	ppbv	99
30) Cyclohexane	3.868	84	3311	0.376	ppbv #	79
31) cis-1,2-Dichloroethene	2.842	61	2702	0.253	ppbv #	26
32) 1,1,1-Trichloroethane	3.376	97	37621	2.347	ppbv	97
34) 2-Butanone	2.567	43	10439	0.702	ppbv	94
35) Carbon Tetrachloride	3.379	117	4064	0.310	ppbv	94
36) Benzene	3.664	78	2078	0.109	ppbv #	73
39) 1,2-Dichloropropane	3.968	63	51513	7.450	ppbv #	19
41) Tetrahydrofuran	3.072	42	5854	0.703	ppbv	93
50) 4-Methyl-2-Pentanone	5.771	43	832	0.041	ppbv #	41
51) 2-Hexanone	7.435	43	16278	0.992	ppbv #	37
52) Tetrachloroethene	8.234	164	327	0.046	ppbv #	73
53) Toluene	6.949	91	102249	4.717	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.946	131	797	0.081	ppbv #	1
57) Chlorobenzene	8.930	112	3385	0.178	ppbv #	82
58) Ethyl Benzene	9.364	91	15539	0.465	ppbv	100
59) m/p-Xylene	9.539	91	51273	1.907	ppbv #	100
60) o-Xylene	9.969	91	19501	0.723	ppbv	100
61) Styrene	9.878	104	5166	0.443	ppbv	94
66) Benzyl Chloride	11.633	91	118	0.037	ppbv #	66
67) sec-Butylbenzene	11.782	105	2118	0.042	ppbv #	1

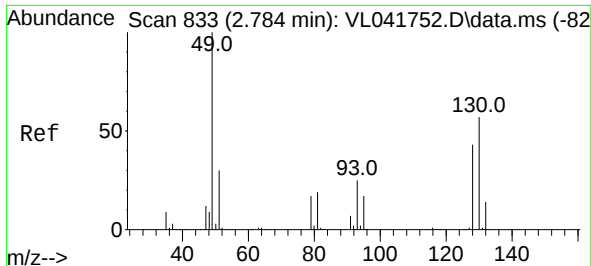
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
Data File : VL041813.D
Acq On : 19 Dec 2024 01:55
Operator : SY/MD
Sample : P5292-02
Misc : 400mL/MSVOA_L
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C0AC6

Quant Time: Dec 19 08:03:19 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)

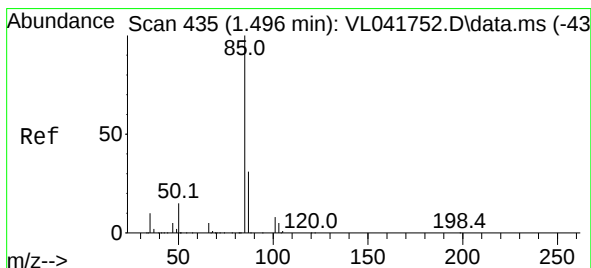
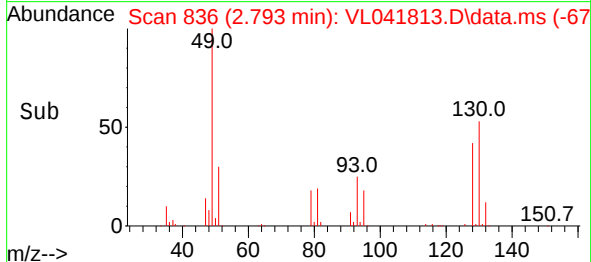
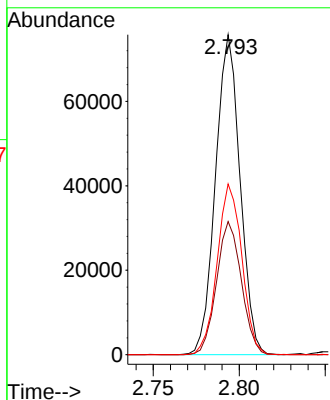
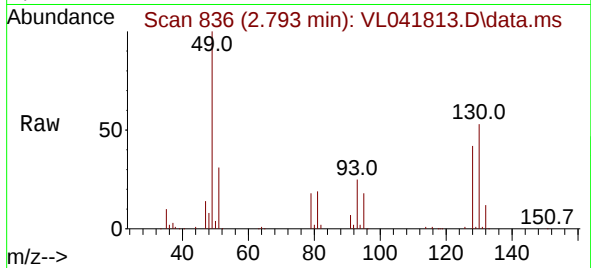
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 833
Delta R.T. 0.009 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

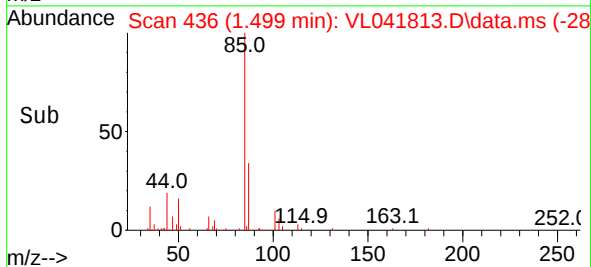
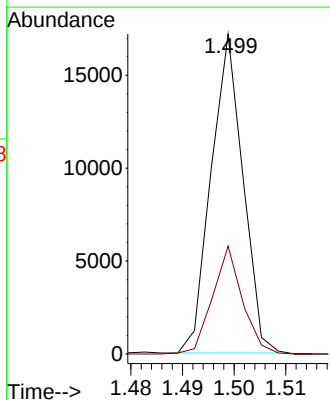
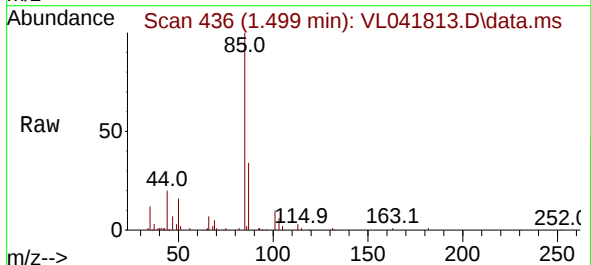
Instrument :
MSVOA_L
ClientSampleId :
C0AC6

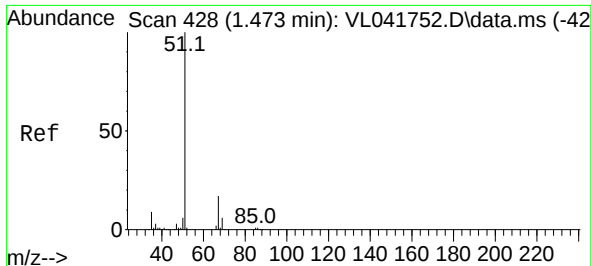
Tgt Ion: 49 Resp: 75339
Ion Ratio Lower Upper
49 100
128 42.0 21.6 64.6
130 53.6 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.549 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

Tgt Ion: 85 Resp: 7356
Ion Ratio Lower Upper
85 100
87 33.5 24.5 36.7

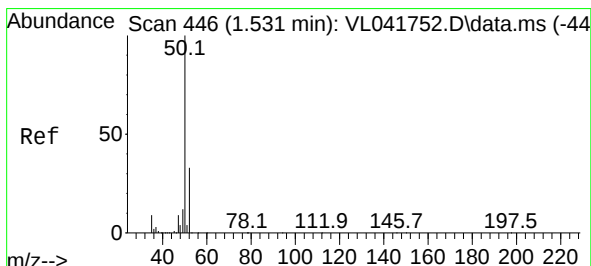
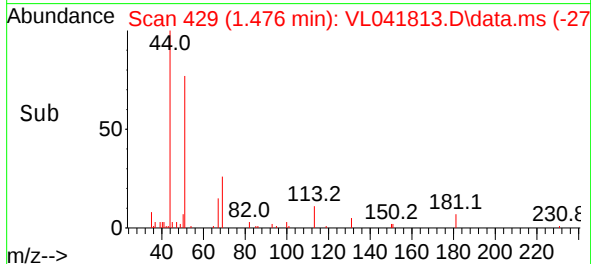
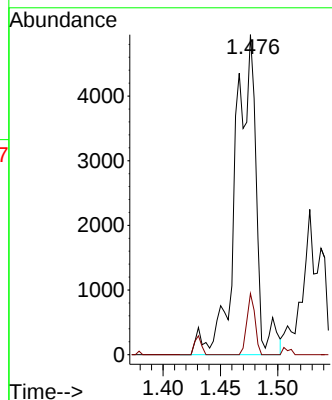
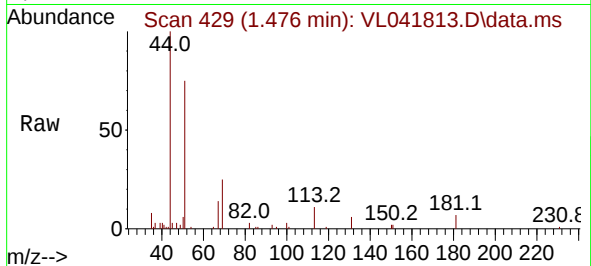




#3
Chlorodifluoromethane
Concen: 0.513 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

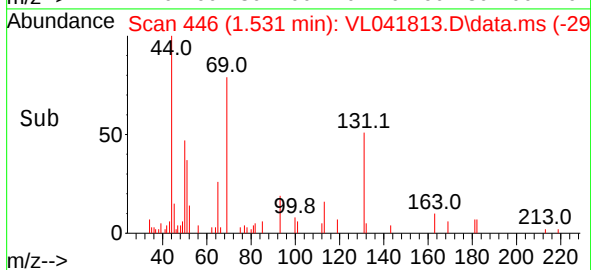
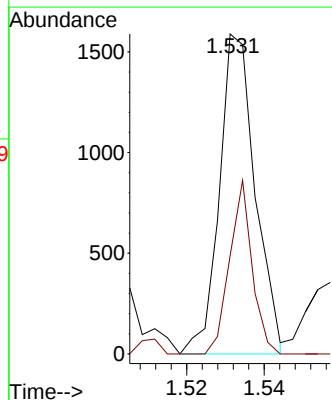
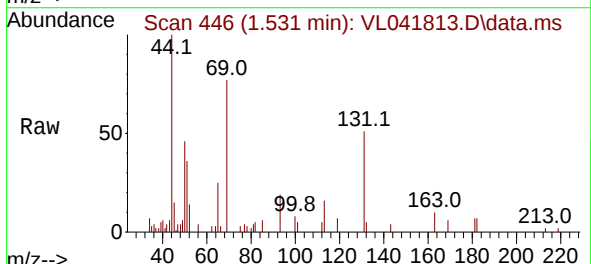
Instrument :
MSVOA_1
ClientSampleId :
C0AC6

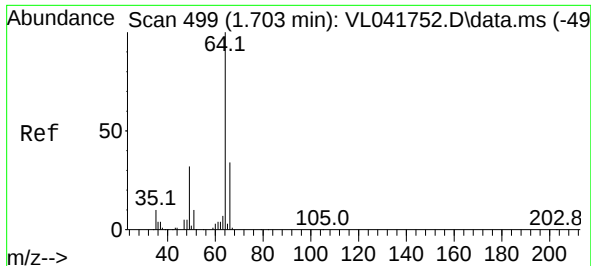
Tgt Ion: 51 Resp: 6298
Ion Ratio Lower Upper
51 100
67 7.4 15.0 22.4#



#4
Chloromethane
Concen: 0.194 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

Tgt Ion: 50 Resp: 1019
Ion Ratio Lower Upper
50 100
52 30.7 26.2 39.2

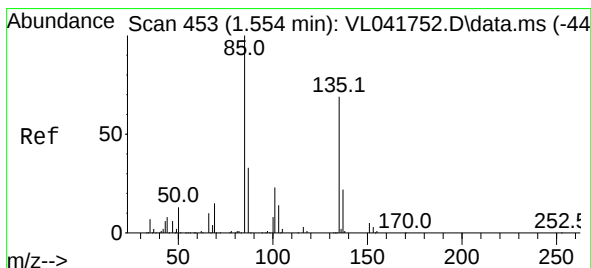
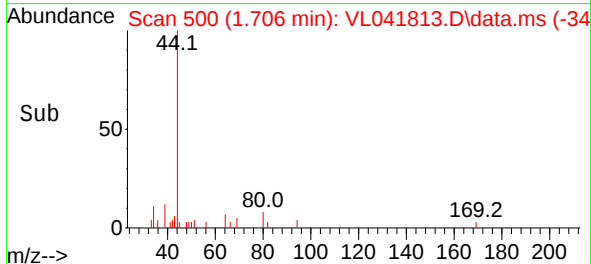
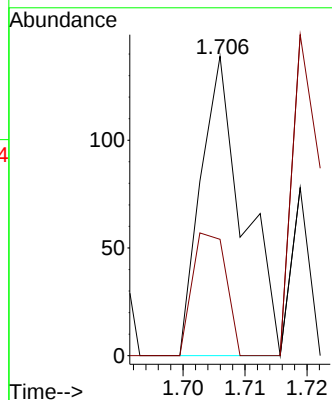
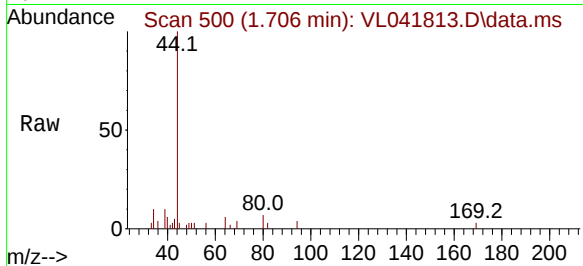




#7
Chloroethane
Concen: 0.032 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

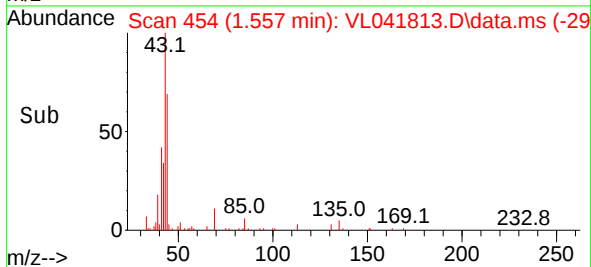
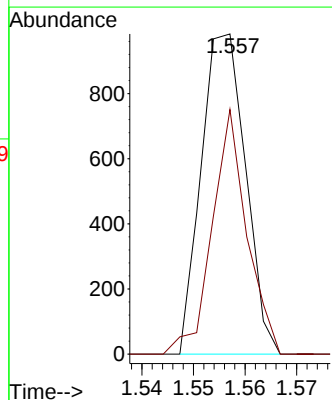
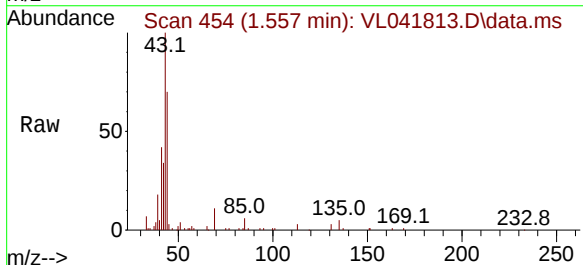
Instrument :
MSVOA_L
ClientSampleId :
C0AC6

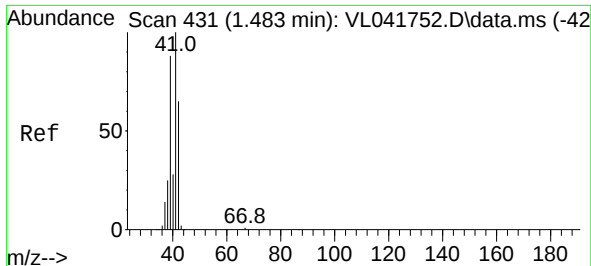
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 38.8 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 0.049 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

Tgt Ion: 85 Resp: 589
Ion Ratio Lower Upper
85 100
135 59.6 51.9 77.9





#9

Propene

Concen: 0.877 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

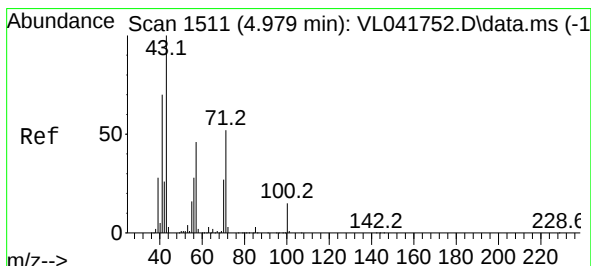
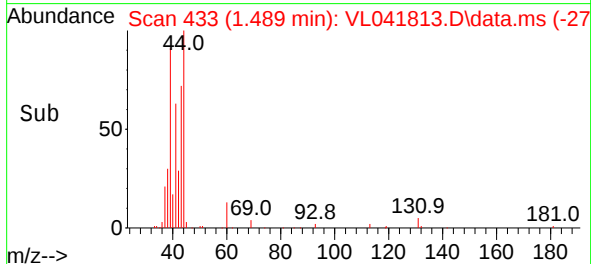
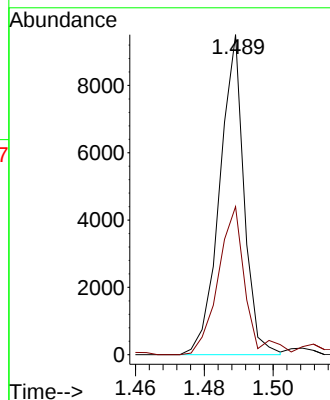
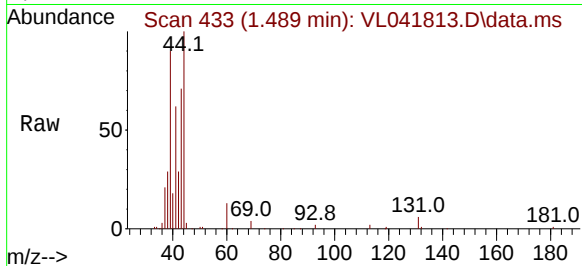
C0AC6

Tgt Ion: 41 Resp: 4671

Ion Ratio Lower Upper

41 100

42 59.7 52.4 78.6



#10

Heptane

Concen: 0.168 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.013 min

Lab File: VL041813.D

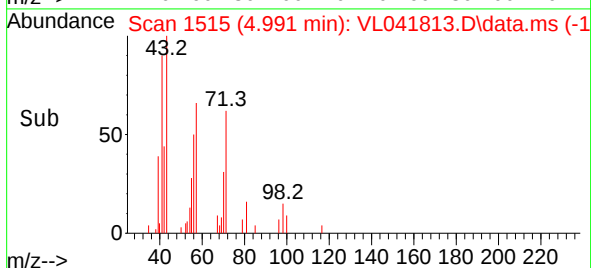
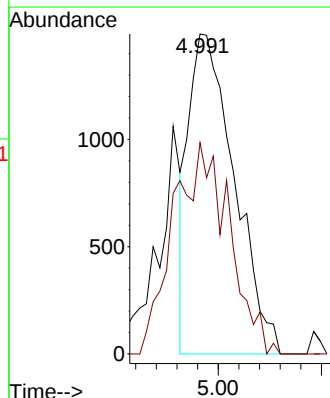
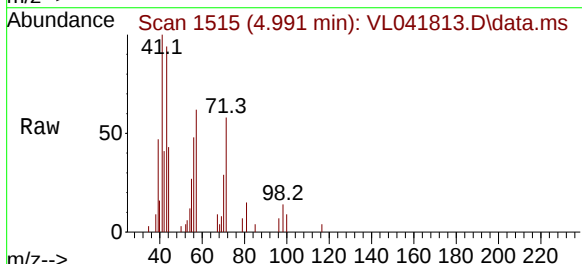
Acq: 19 Dec 2024 01:55

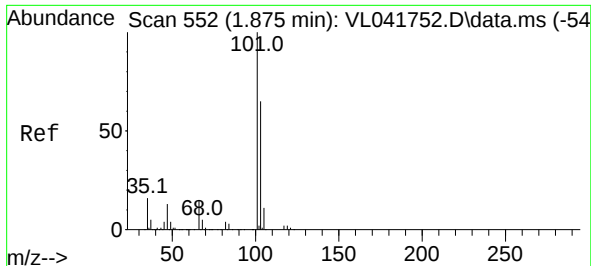
Tgt Ion: 43 Resp: 2302

Ion Ratio Lower Upper

43 100

57 80.5 38.5 57.7#





#11

Trichlorofluoromethane

Concen: 1.007 ppbv

RT: 1.881 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

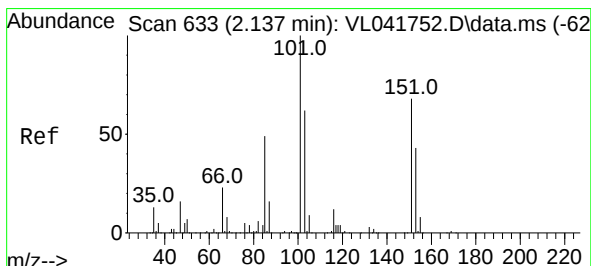
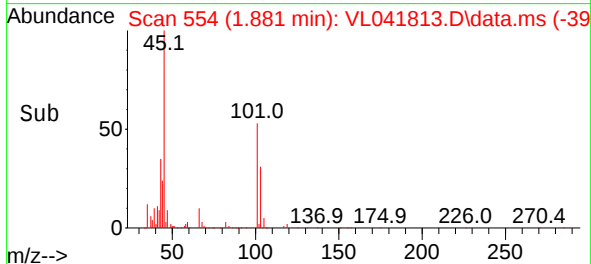
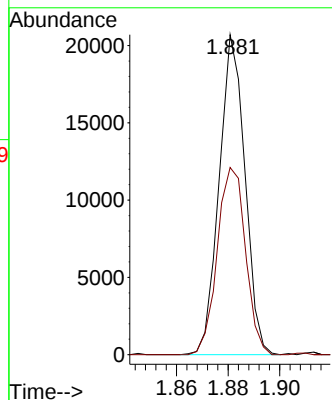
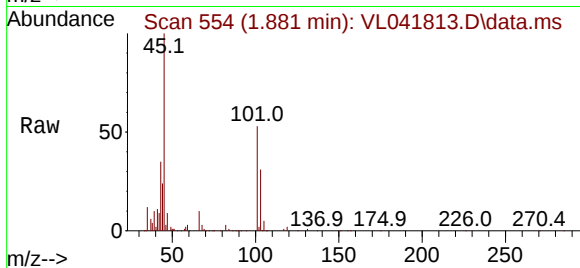
C0AC6

Tgt Ion:101 Resp: 14344

Ion Ratio Lower Upper

101 100

103 58.5 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.077 ppbv

RT: 2.146 min Scan# 636

Delta R.T. 0.009 min

Lab File: VL041813.D

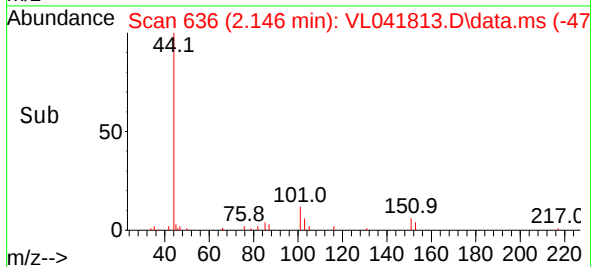
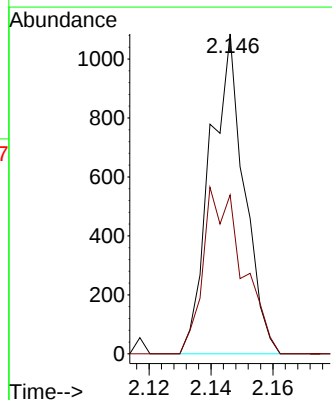
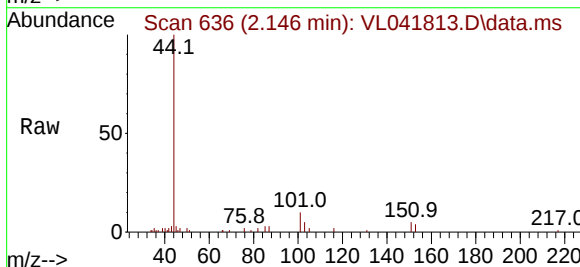
Acq: 19 Dec 2024 01:55

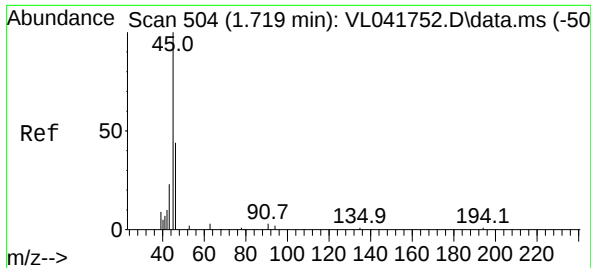
Tgt Ion:101 Resp: 830

Ion Ratio Lower Upper

101 100

151 60.0 56.8 85.2

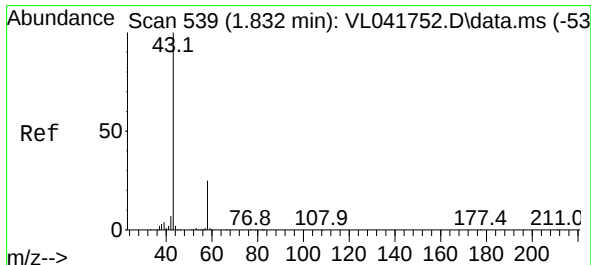
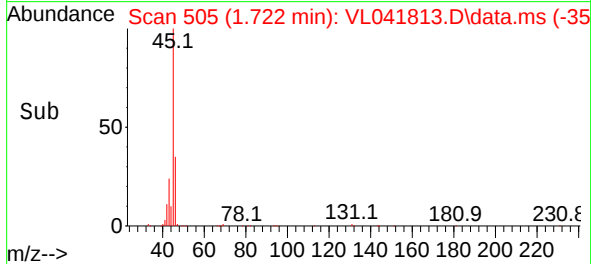
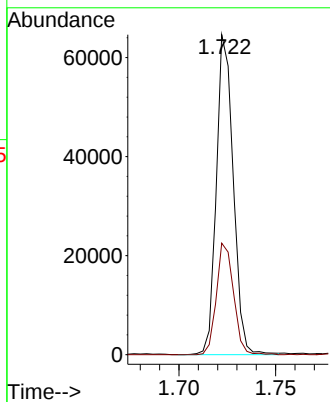
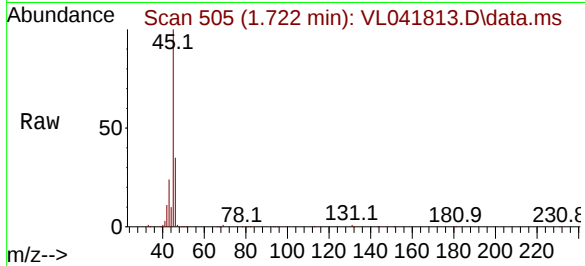




#13
Ethanol
Concen: 88.829 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

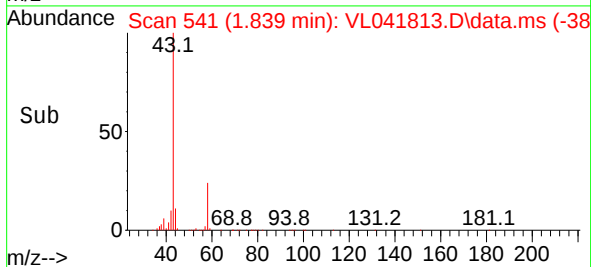
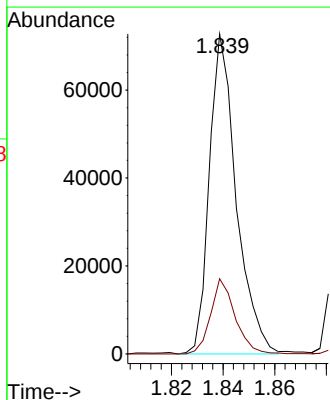
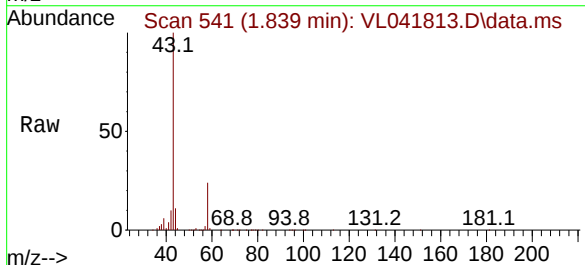
Instrument :
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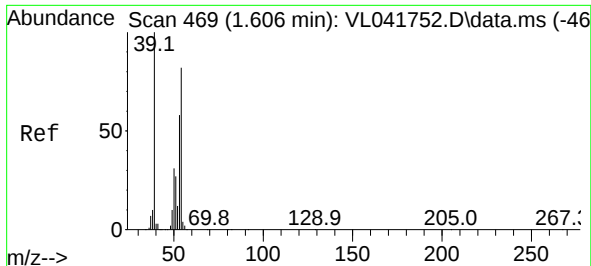
Tgt Ion: 45 Resp: 39169
Ion Ratio Lower Upper
45 100
46 35.4 16.4 65.8



#15
Acetone
Concen: 3.595 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

Tgt Ion: 43 Resp: 52705
Ion Ratio Lower Upper
43 100
58 21.4 19.7 29.5





#16

1,3-Butadiene

Concen: 0.415 ppbv

RT: 1.602 min Scan# 41

Delta R.T. -0.004 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

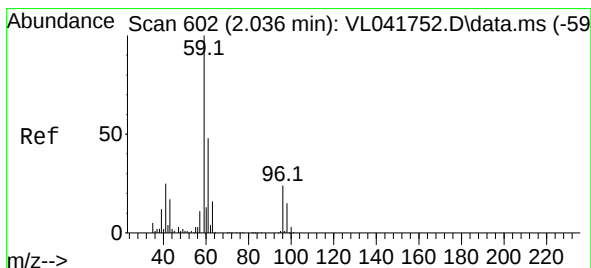
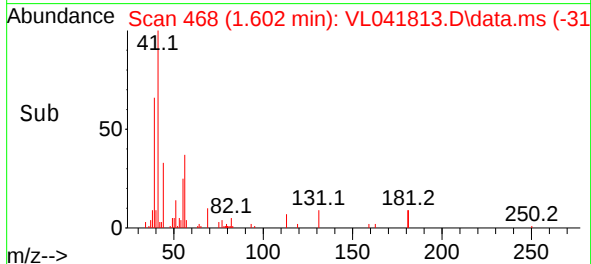
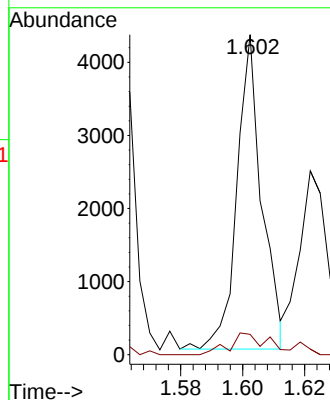
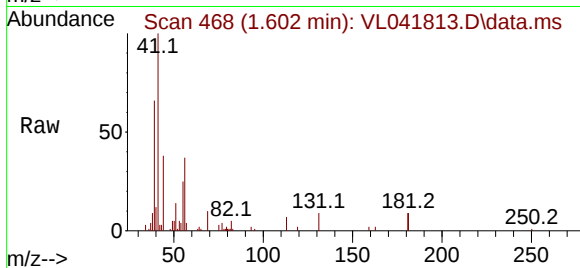
C0AC6

Tgt Ion: 39 Resp: 2398

Ion Ratio Lower Upper

39 100

54 12.7 58.4 87.6#



#17

tert-Butyl alcohol

Concen: 0.532 ppbv

RT: 1.887 min Scan# 556

Delta R.T. -0.149 min

Lab File: VL041813.D

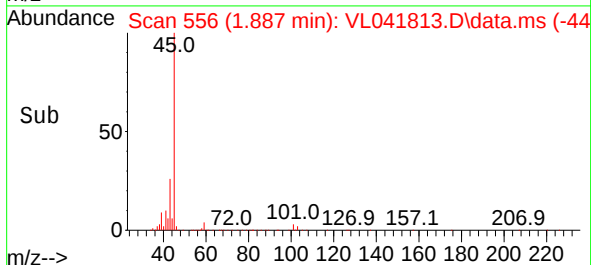
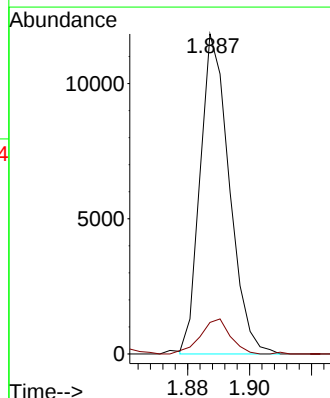
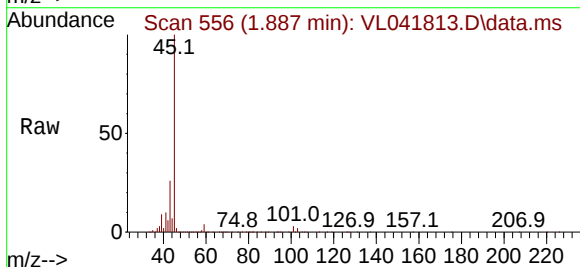
Acq: 19 Dec 2024 01:55

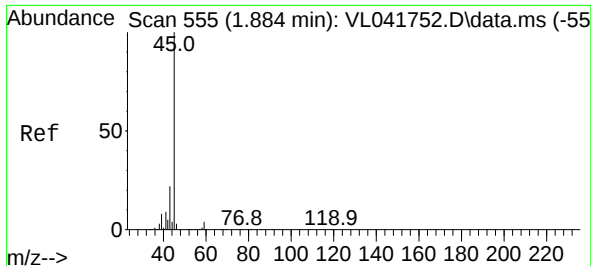
Tgt Ion: 59 Resp: 7734

Ion Ratio Lower Upper

59 100

57 11.5 8.6 13.0





#19

Isopropyl Alcohol

Concen: 23.109 ppbv

RT: 1.887 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

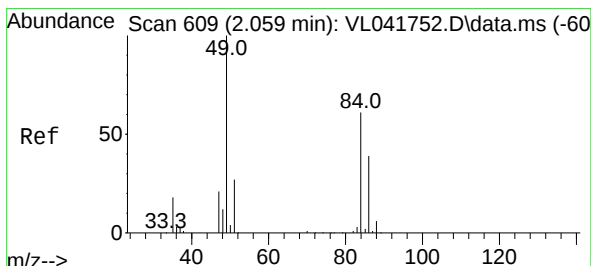
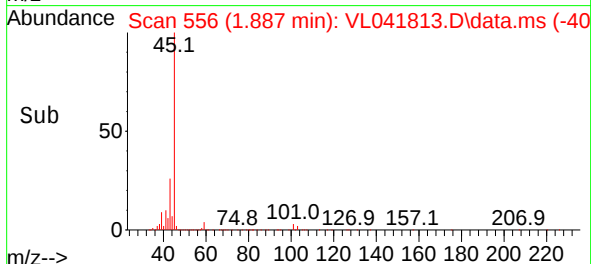
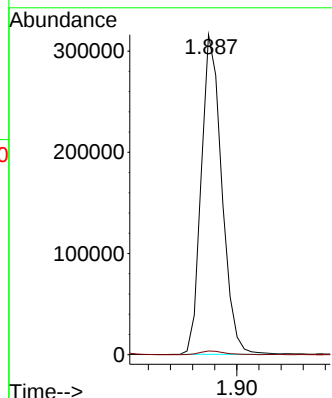
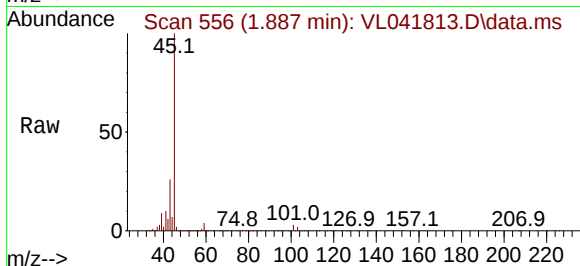
C0AC6

Tgt Ion: 45 Resp: 203262

Ion Ratio Lower Upper

45 100

58 1.5 33.3 49.9#



#20

Methylene Chloride

Concen: 2.087 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Tgt Ion: 84 Resp: 8722

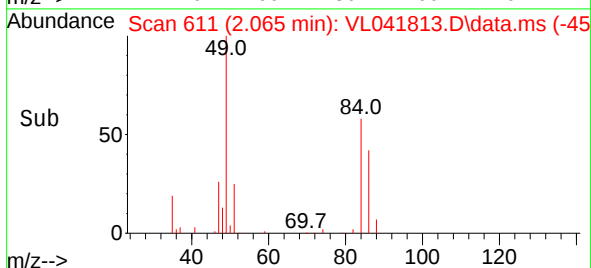
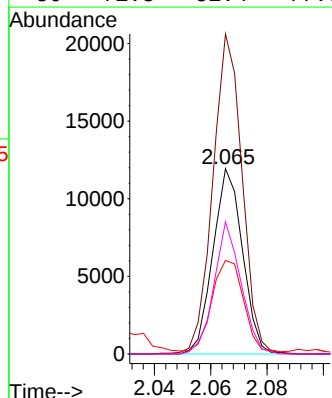
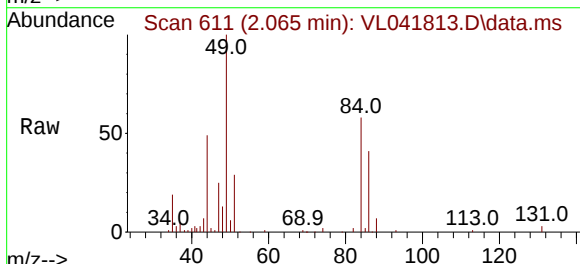
Ion Ratio Lower Upper

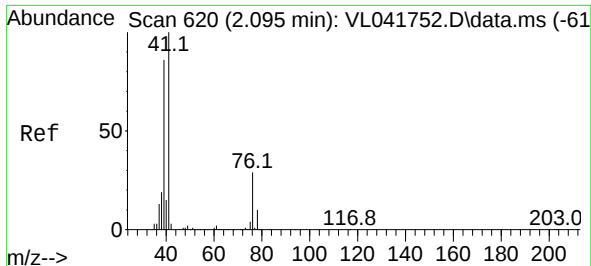
84 100

49 172.0 132.6 198.8

51 49.3 37.6 56.4

86 71.3 51.4 77.0





#21

Allyl Chloride

Concen: 0.053 ppbv

RT: 2.065 min Scan# 611

Delta R.T. -0.029 min

Lab File: VL041813.D

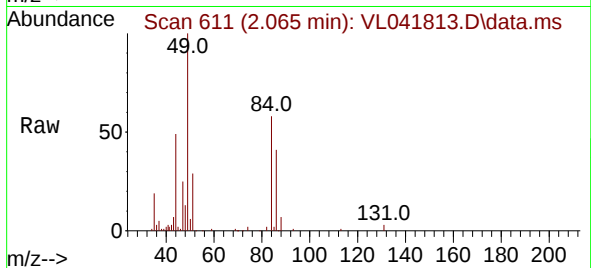
Acq: 19 Dec 2024 01:55

Instrument :

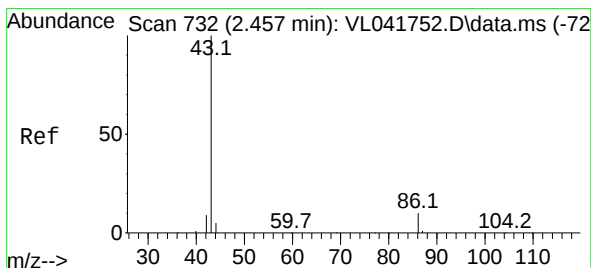
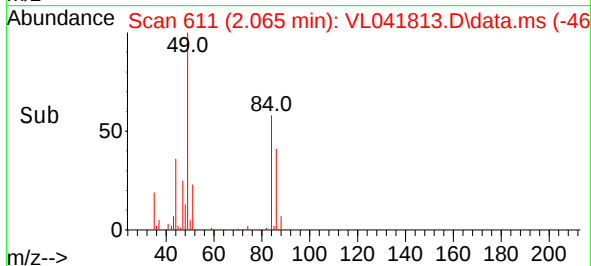
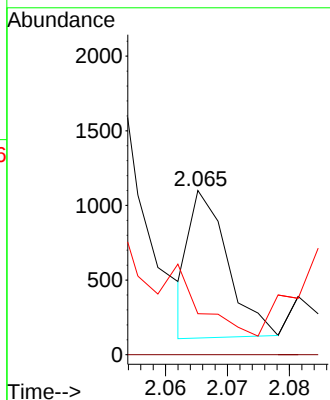
MSVOA_L

ClientSampleId :

C0AC6



Tgt Ion:	41	Resp:	419
Ion Ratio	Lower	Upper	
41	100		
76	0.0	22.3	33.5#
39	0.0	69.2	103.8#



#23

Vinyl Acetate

Concen: 1.146 ppbv

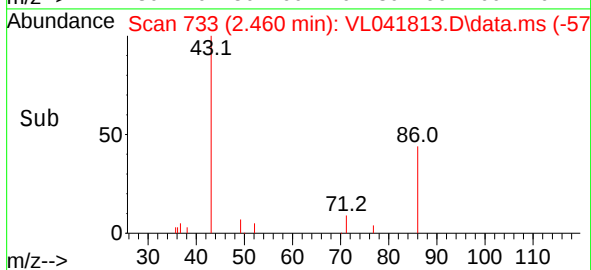
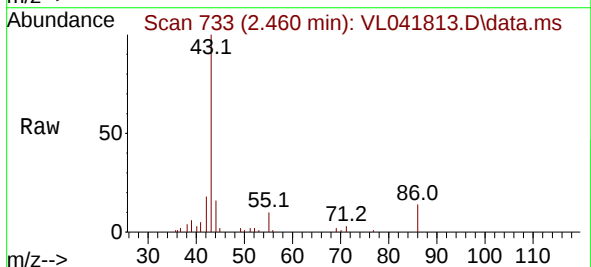
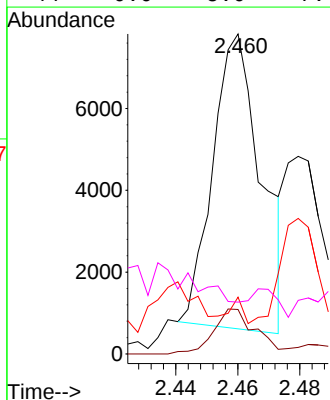
RT: 2.460 min Scan# 733

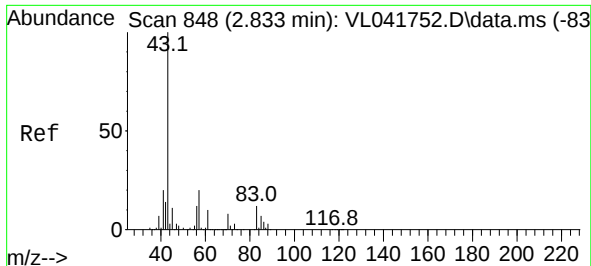
Delta R.T. 0.003 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Tgt Ion:	43	Resp:	7797
Ion Ratio	Lower	Upper	
43	100		
86	14.6	6.6	10.0#
42	0.0	8.2	12.2#
44	0.0	5.0	7.4#





#25

Ethyl Acetate

Concen: 1.173 ppbv

RT: 2.842 min Scan# 848

Delta R.T. 0.009 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

C0AC6

Tgt Ion: 43 Resp: 31983

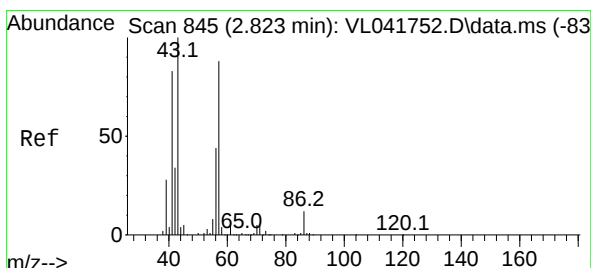
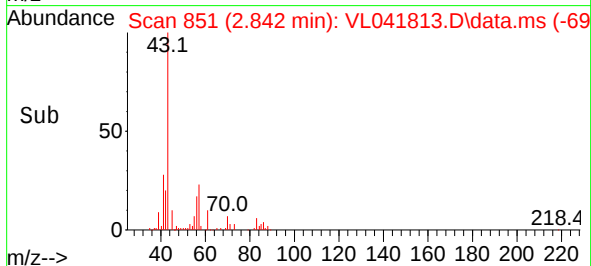
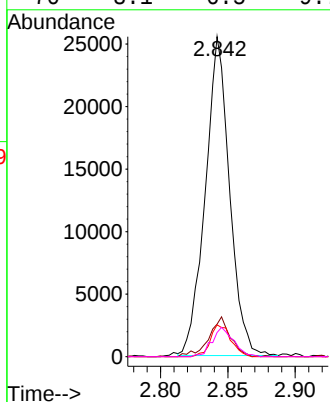
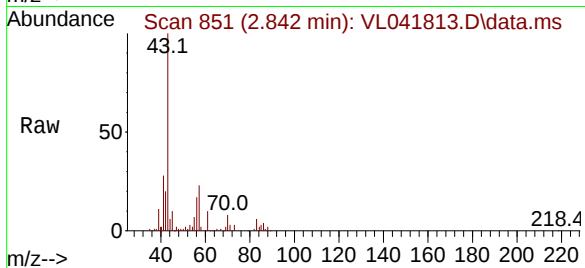
Ion Ratio Lower Upper

43 100

45 11.2 8.1 12.1

61 8.4 7.0 10.6

70 8.1 6.5 9.7



#26

Hexane

Concen: 1.210 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.009 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Tgt Ion: 57 Resp: 12521

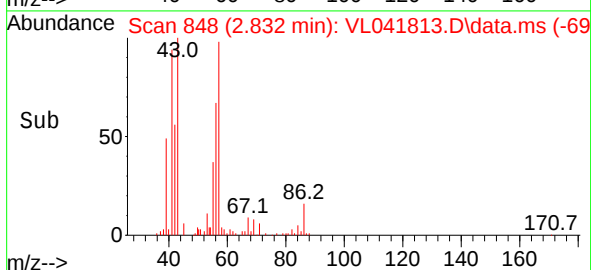
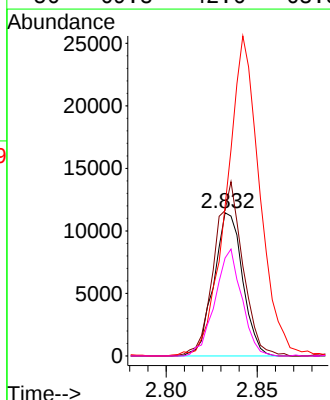
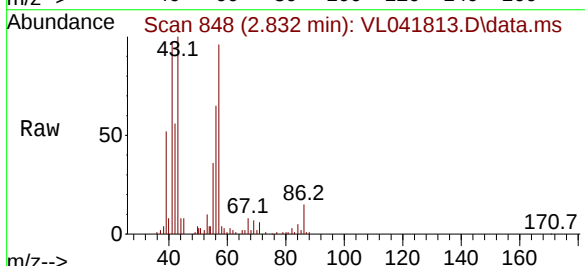
Ion Ratio Lower Upper

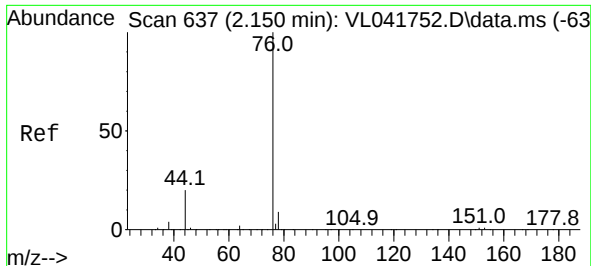
57 100

41 120.5 79.6 119.4#

43 262.0 211.0 316.6

56 69.8 42.6 63.8#





#27

Carbon Disulfide

Concen: 0.069 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

C0AC6

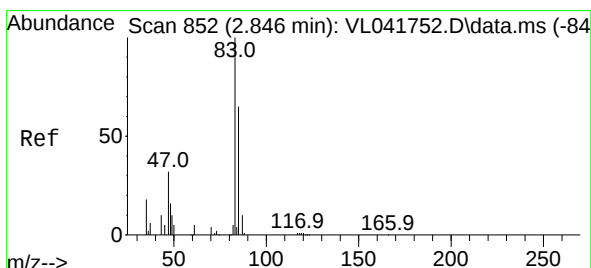
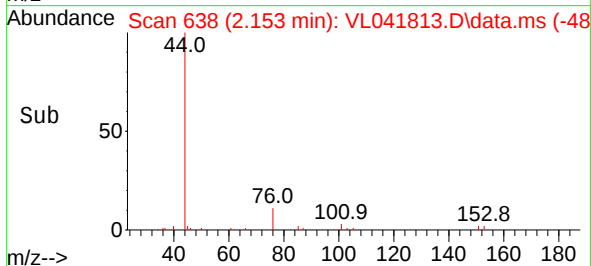
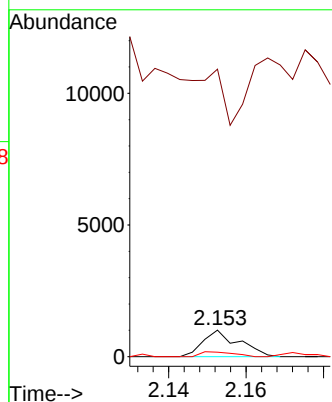
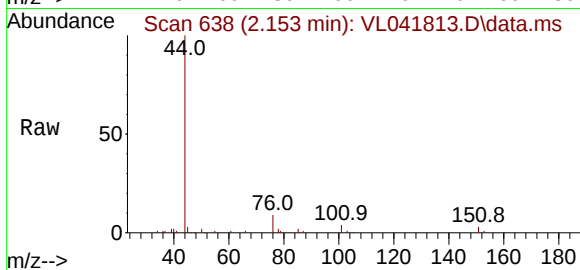
Tgt Ion: 76 Resp: 647

Ion Ratio Lower Upper

76 100

44 0.0 17.6 26.4#

78 31.5 10.2 15.4#



#29

Chloroform

Concen: 0.485 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.009 min

Lab File: VL041813.D

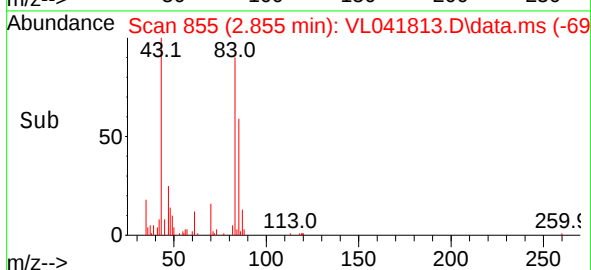
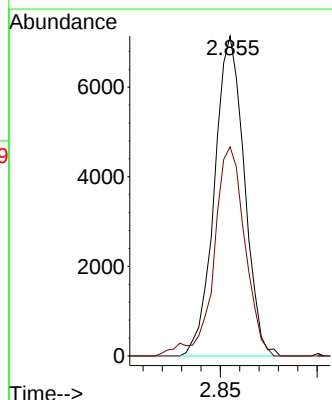
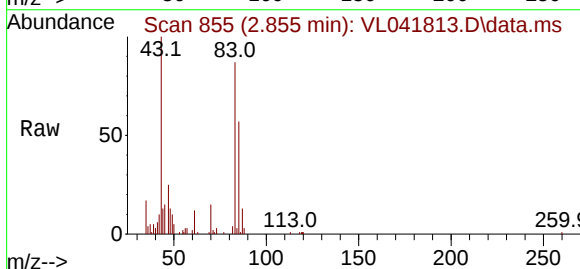
Acq: 19 Dec 2024 01:55

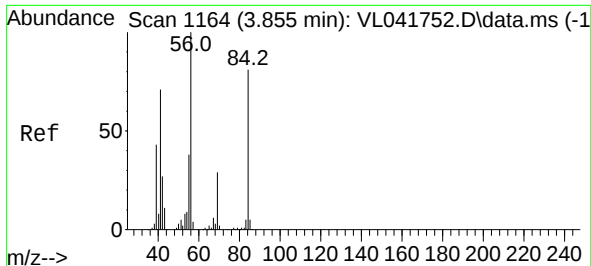
Tgt Ion: 83 Resp: 7646

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.6





#30

Cyclohexane

Concen: 0.376 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.013 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

C0AC6

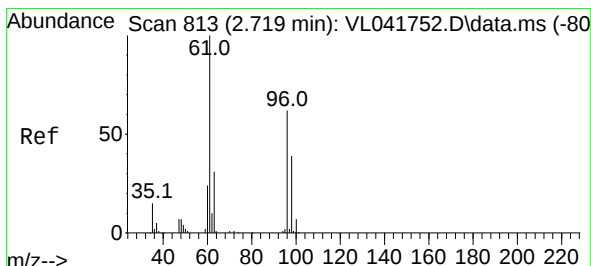
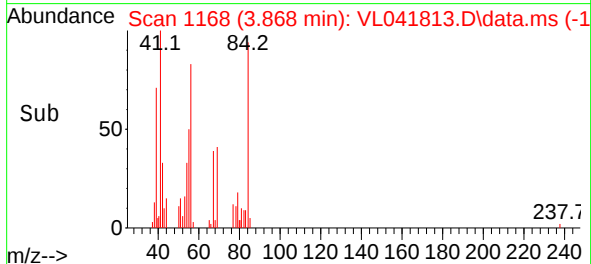
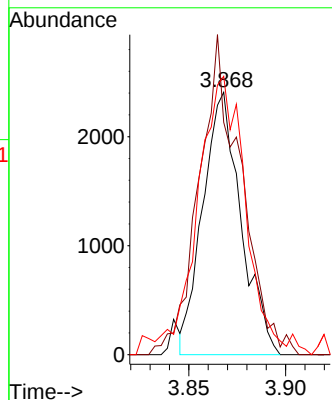
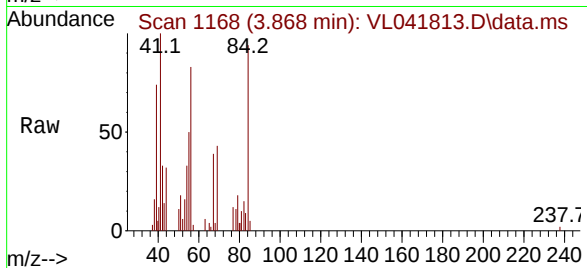
Tgt Ion: 84 Resp: 3311

Ion Ratio Lower Upper

84 100

56 133.5 102.3 153.5

41 134.9 74.0 111.0#



#31

cis-1,2-Dichloroethene

Concen: 0.253 ppbv

RT: 2.842 min Scan# 851

Delta R.T. 0.123 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

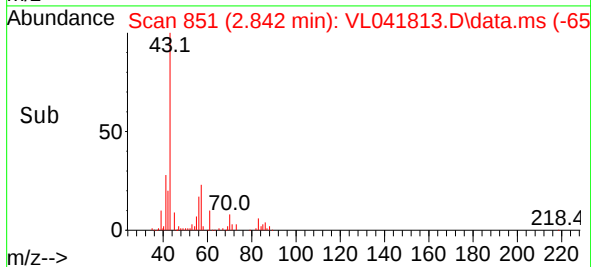
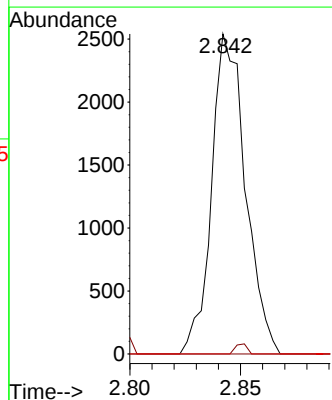
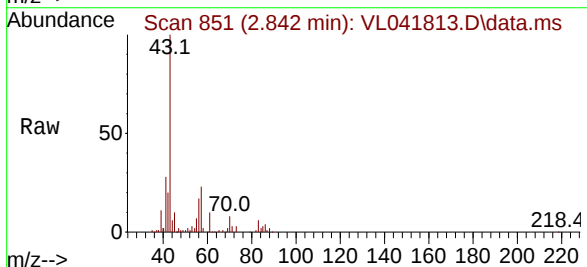
Tgt Ion: 61 Resp: 2702

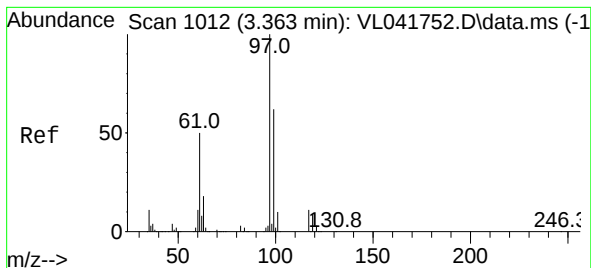
Ion Ratio Lower Upper

61 100

96 0.0 49.7 74.5#

98 0.0 30.8 46.2#





#32

1,1,1-Trichloroethane

Concen: 2.347 ppbv

RT: 3.376 min Scan# 110

Delta R.T. 0.013 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

C0AC6

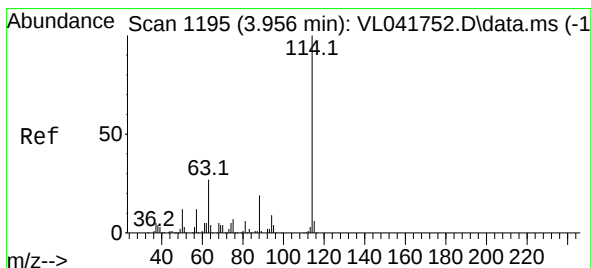
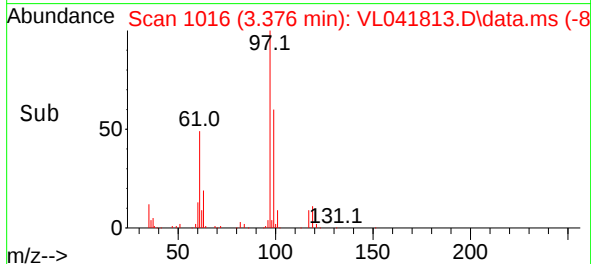
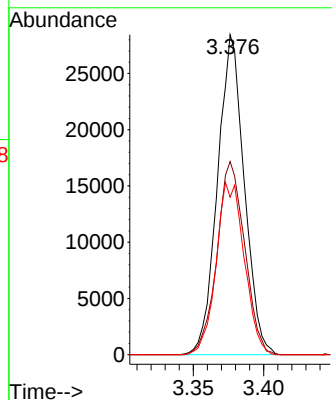
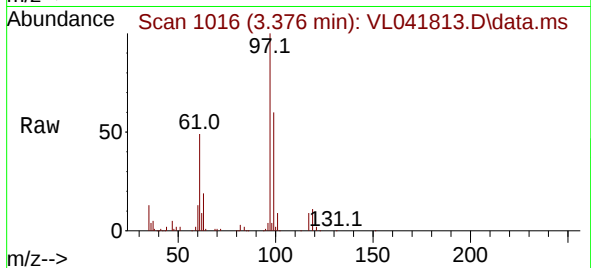
Tgt Ion: 97 Resp: 37621

Ion Ratio Lower Upper

97 100

99 62.3 51.0 76.4

61 56.6 42.2 63.2



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

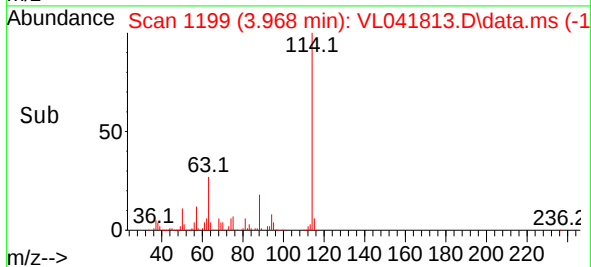
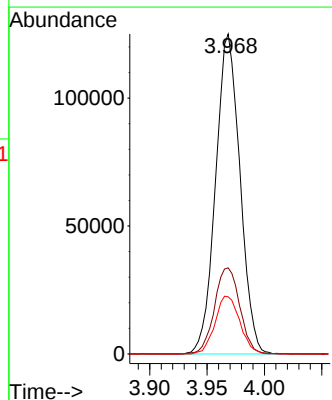
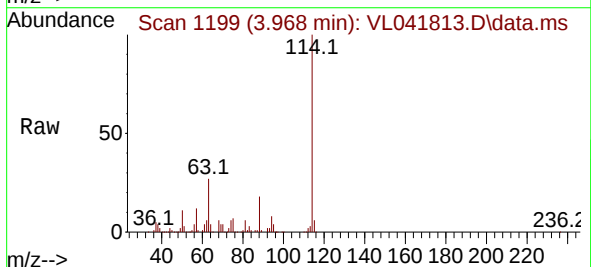
Tgt Ion: 114 Resp: 184828

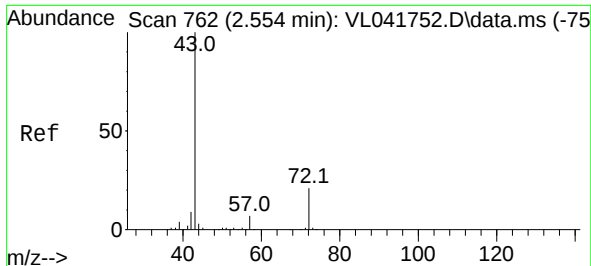
Ion Ratio Lower Upper

114 100

63 27.9 21.8 32.8

88 18.4 14.8 22.2





#34

2-Butanone

Concen: 0.702 ppbv

RT: 2.567 min Scan# 7

Delta R.T. 0.013 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

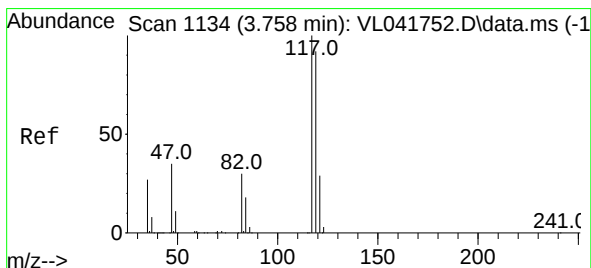
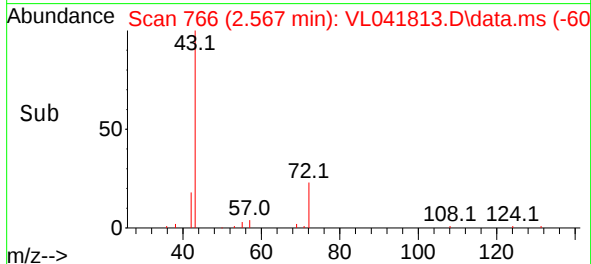
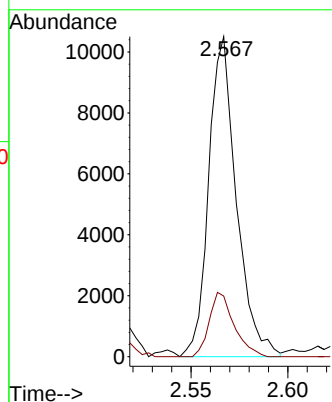
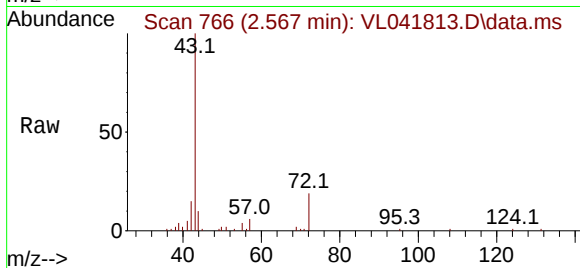
C0AC6

Tgt Ion: 43 Resp: 10439

Ion Ratio Lower Upper

43 100

72 18.0 16.8 25.2



#35

Carbon Tetrachloride

Concen: 0.310 ppbv

RT: 3.379 min Scan# 1017

Delta R.T. -0.379 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

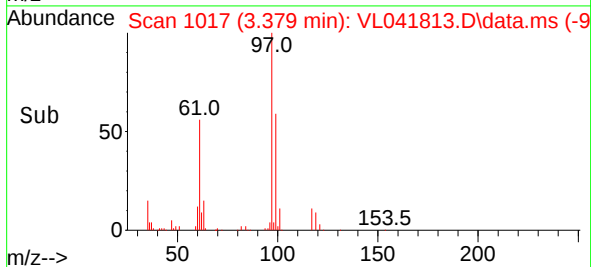
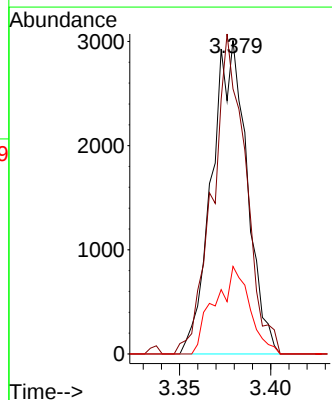
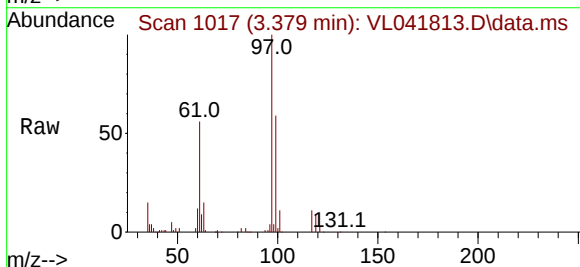
Tgt Ion: 117 Resp: 4064

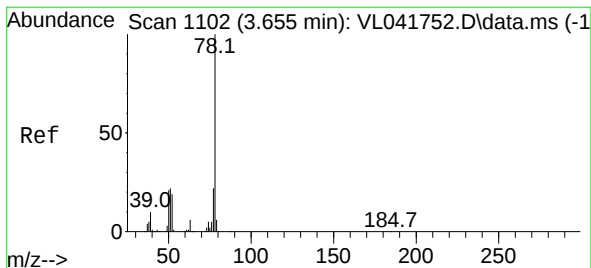
Ion Ratio Lower Upper

117 100

119 84.5 73.7 110.5

121 27.9 23.0 34.4





#36

Benzene

Concen: 0.109 ppbv

RT: 3.664 min Scan# 1102

Delta R.T. 0.009 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

C0AC6

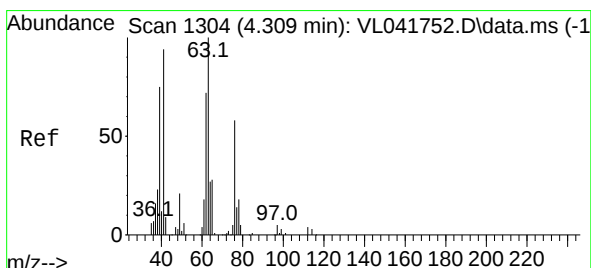
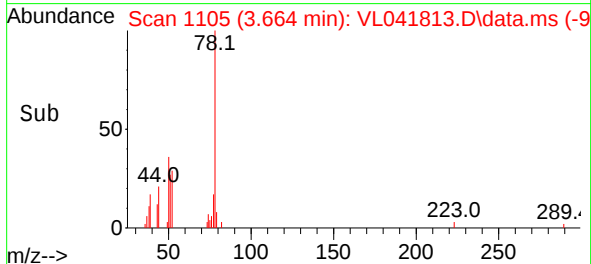
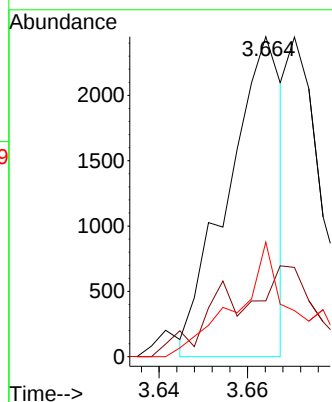
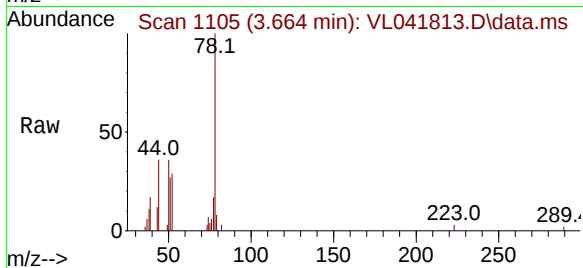
Tgt Ion: 78 Resp: 2078

Ion Ratio Lower Upper

78 100

77 9.9 17.8 26.6#

50 34.9 17.2 25.8#



#39

1,2-Dichloropropane

Concen: 7.450 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.340 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

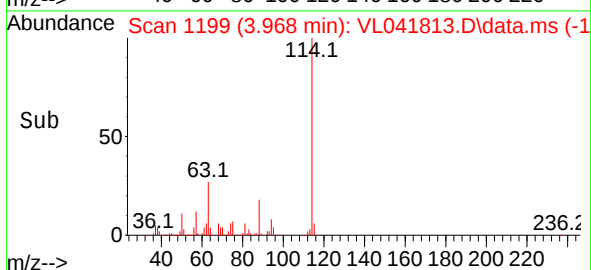
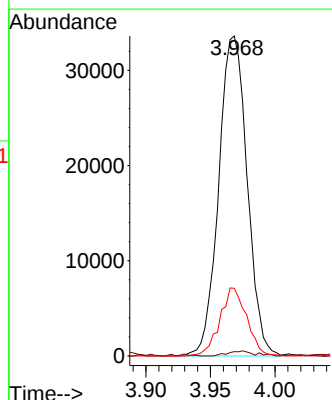
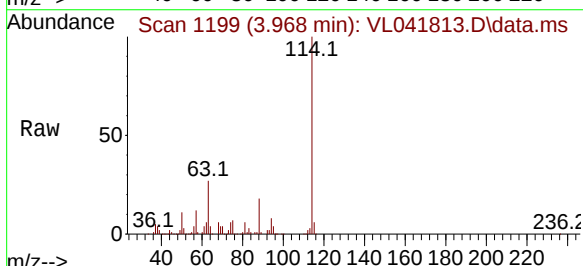
Tgt Ion: 63 Resp: 51513

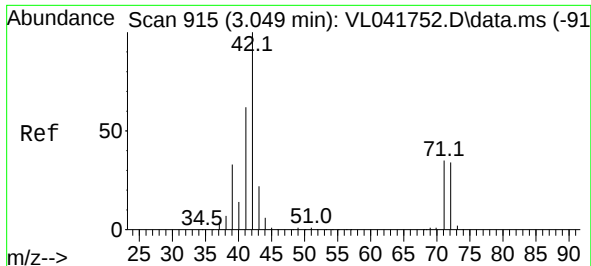
Ion Ratio Lower Upper

63 100

41 1.3 75.3 112.9#

62 21.2 57.3 85.9#

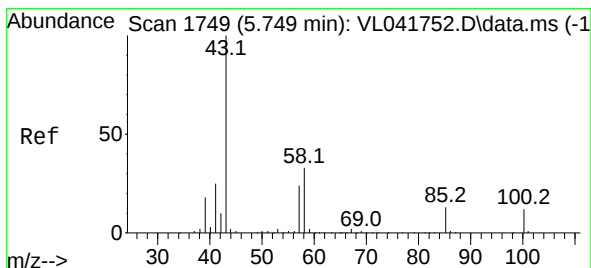
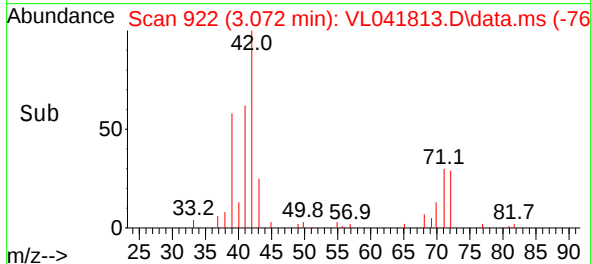
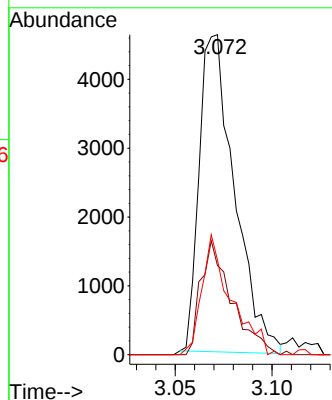
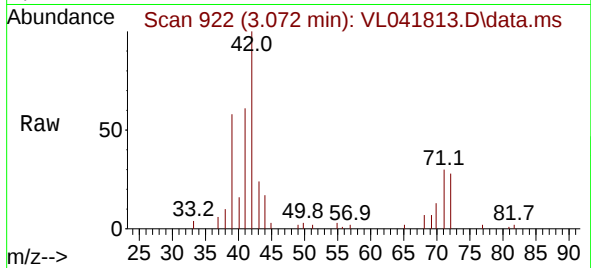




#41
Tetrahydrofuran
Concen: 0.703 ppbv
RT: 3.072 min Scan# 915
Delta R.T. 0.022 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

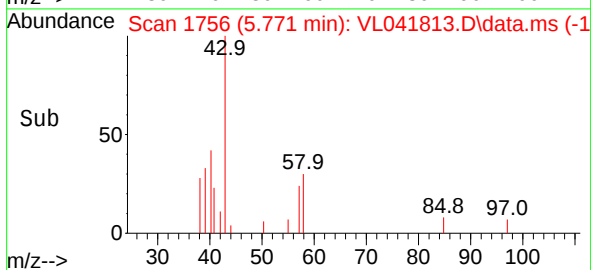
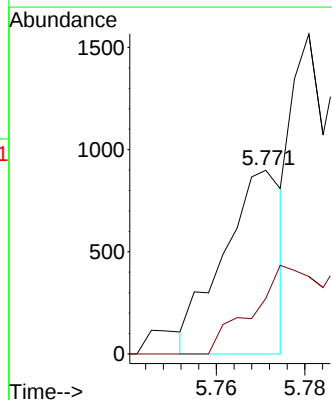
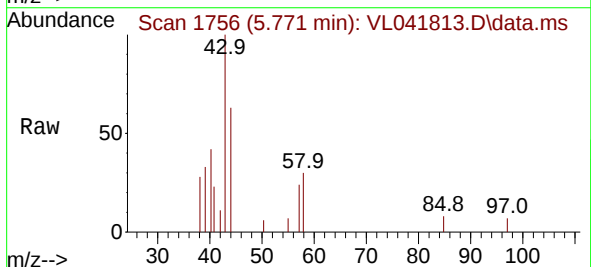
Instrument :
MSVOA_L
ClientSampleId :
C0AC6

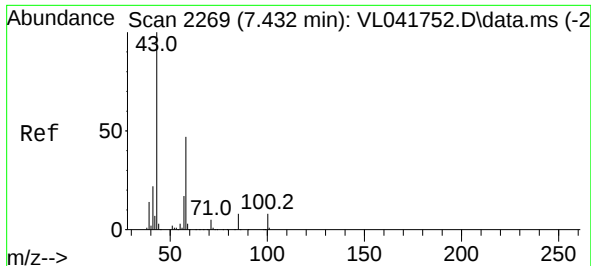
Tgt Ion: 42 Resp: 5854
Ion Ratio Lower Upper
42 100
72 31.6 29.1 43.7
71 31.7 28.4 42.6



#50
4-Methyl-2-Pentanone
Concen: 0.041 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. 0.022 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#

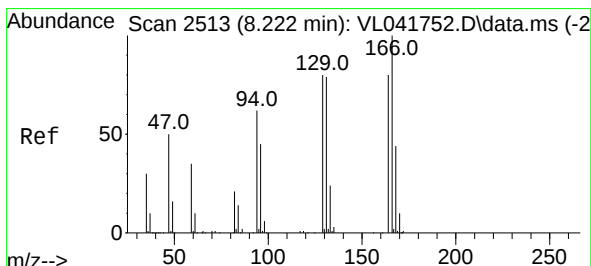
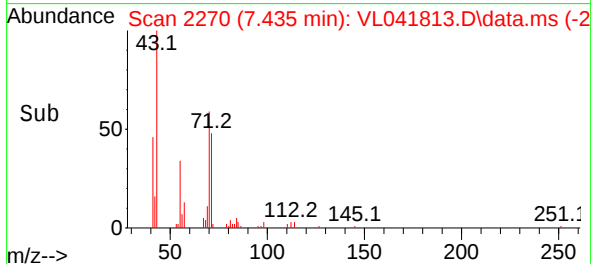
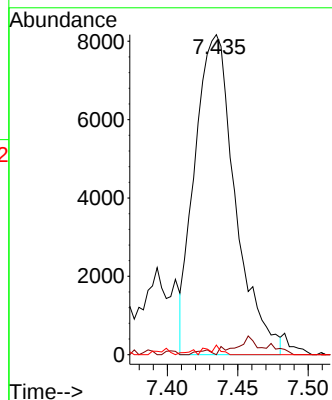
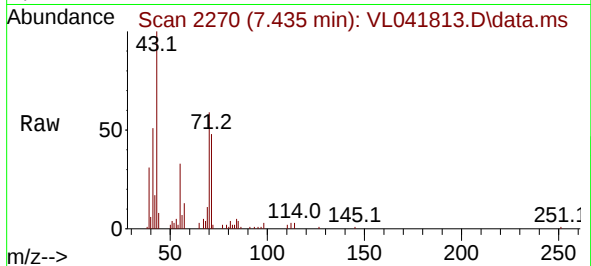




#51
2-Hexanone
Concen: 0.992 ppbv
RT: 7.435 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

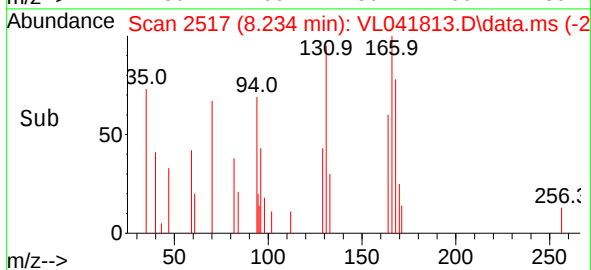
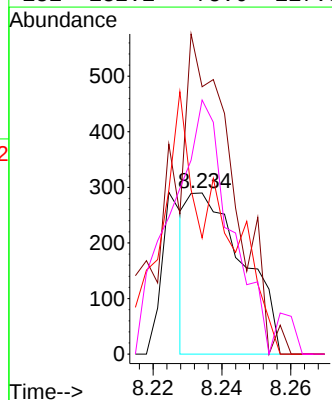
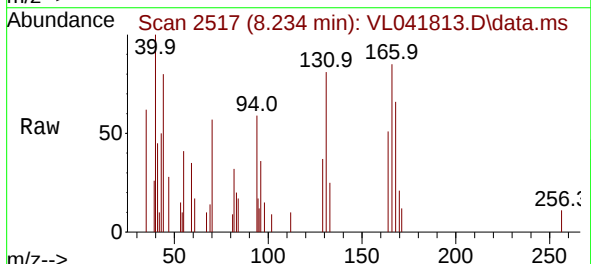
Instrument :
MSVOA_L
ClientSampleId :
C0AC6

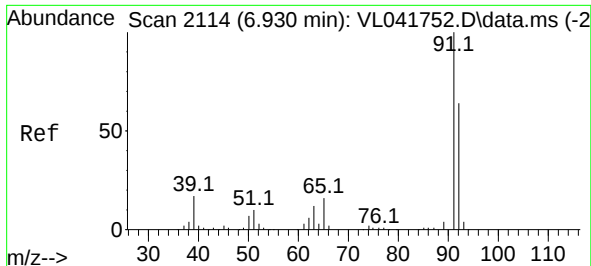
Tgt Ion: 43 Resp: 16278
Ion Ratio Lower Upper
43 100
58 4.4 36.6 55.0#
98 1.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.046 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.013 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

Tgt Ion: 164 Resp: 327
Ion Ratio Lower Upper
164 100
166 147.9 99.8 149.6
129 72.1 79.6 119.4#
131 132.1 78.6 117.8#





#53

Toluene

Concen: 4.717 ppbv

RT: 6.949 min Scan# 2114

Delta R.T. 0.019 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

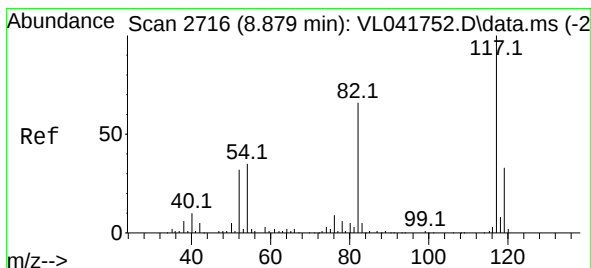
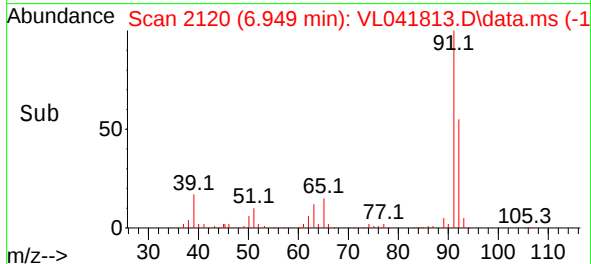
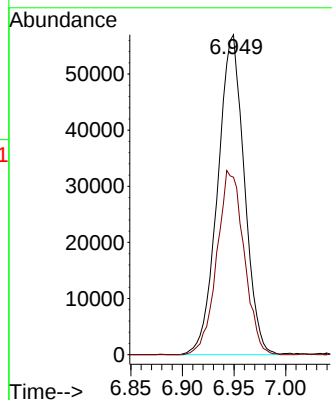
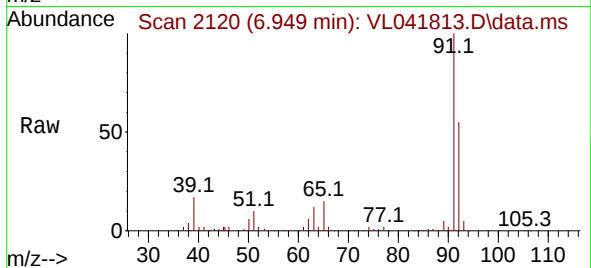
C0AC6

Tgt Ion: 91 Resp: 102249

Ion Ratio Lower Upper

91 100

92 58.9 47.9 71.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. 0.009 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

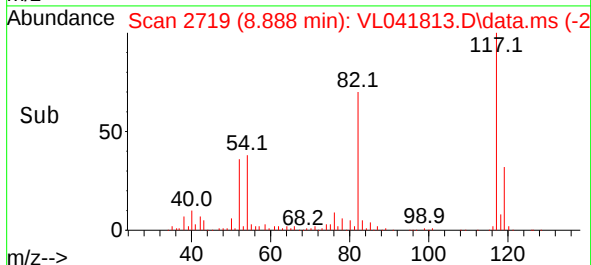
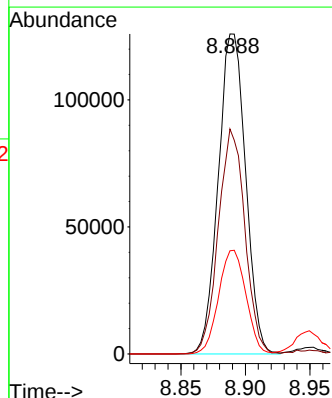
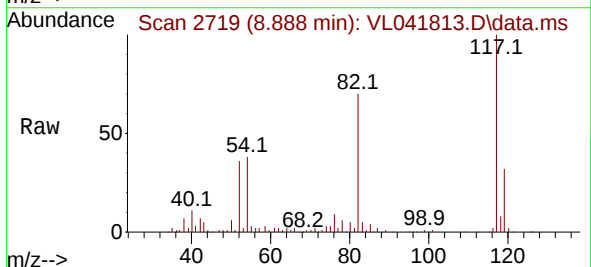
Tgt Ion: 117 Resp: 185714

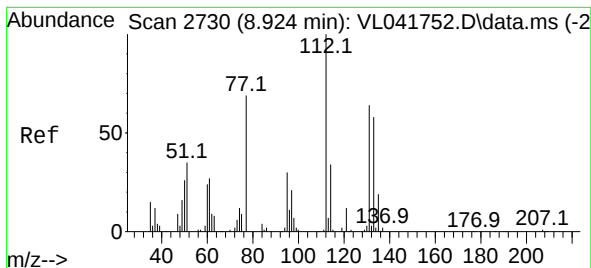
Ion Ratio Lower Upper

117 100

82 68.2 53.8 80.8

119 32.3 26.7 40.1





#56

1,1,1,2-Tetrachloroethane

Concen: 0.081 ppbv

RT: 8.946 min Scan# 21

Delta R.T. 0.022 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_1

ClientSampleId :

C0AC6

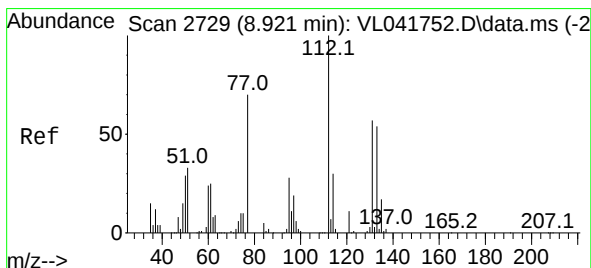
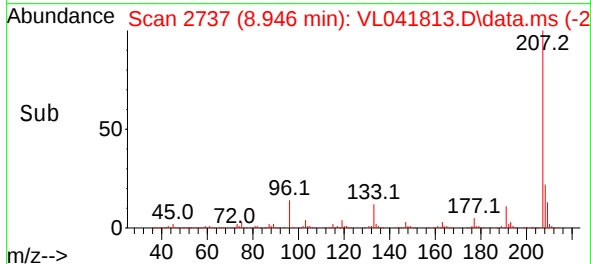
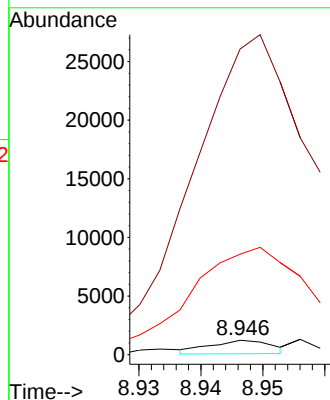
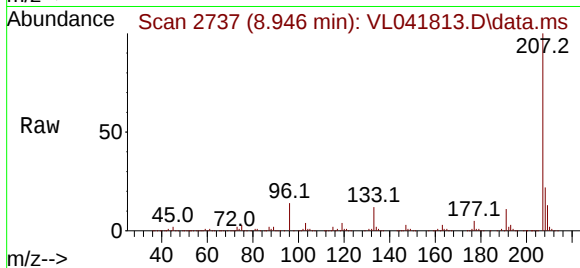
Tgt Ion:131 Resp: 797

Ion Ratio Lower Upper

131 100

133 4995.7 76.8 115.2#

119 1705.1 49.0 73.6#



#57

Chlorobenzene

Concen: 0.178 ppbv

RT: 8.930 min Scan# 2732

Delta R.T. 0.009 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

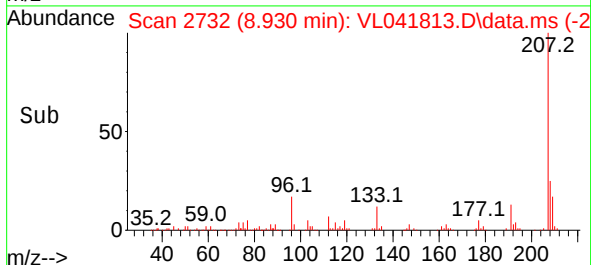
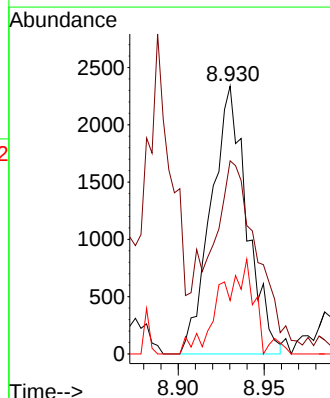
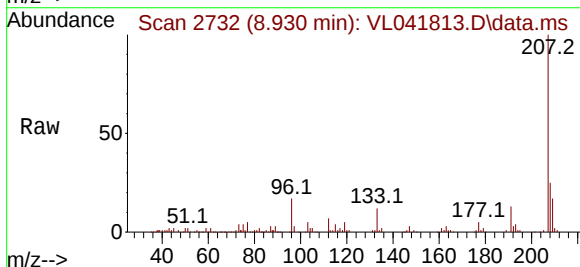
Tgt Ion:112 Resp: 3385

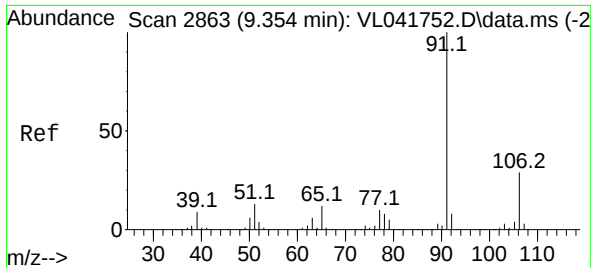
Ion Ratio Lower Upper

112 100

77 58.4 57.4 86.0

114 18.2 27.4 33.4#





#58

Ethyl Benzene

Concen: 0.465 ppbv

RT: 9.364 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

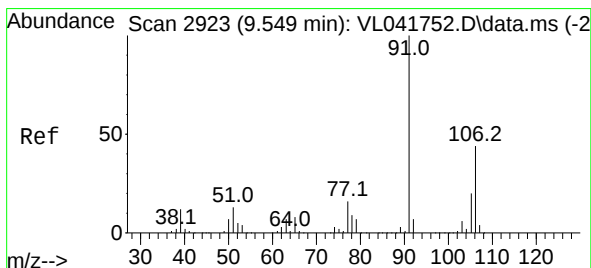
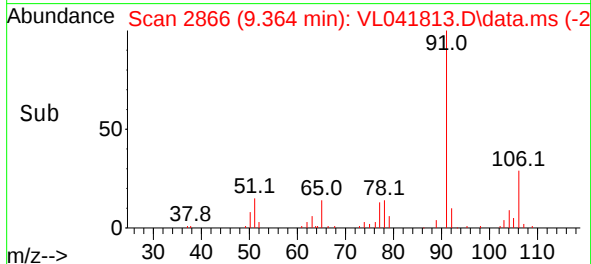
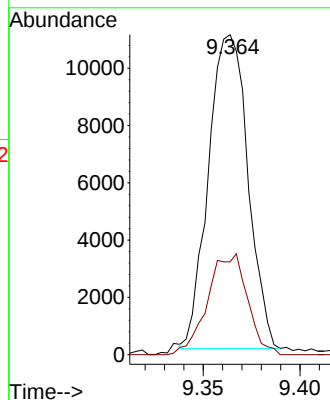
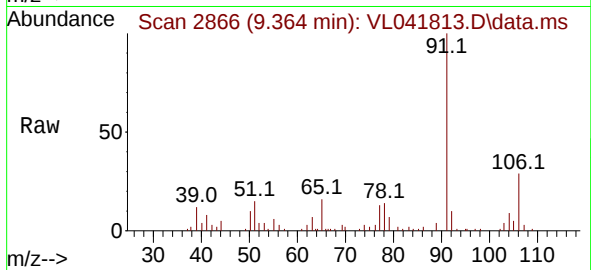
C0AC6

Tgt Ion: 91 Resp: 15539

Ion Ratio Lower Upper

91 100

106 29.6 23.5 35.3



#59

m/p-Xylene

Concen: 1.907 ppbv

RT: 9.539 min Scan# 2920

Delta R.T. -0.010 min

Lab File: VL041813.D

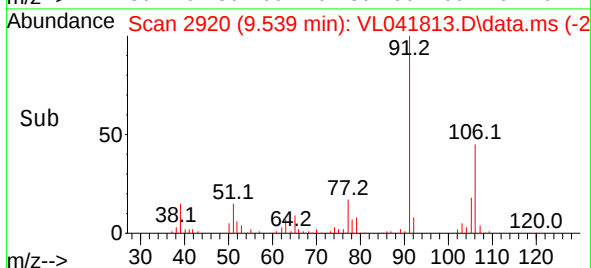
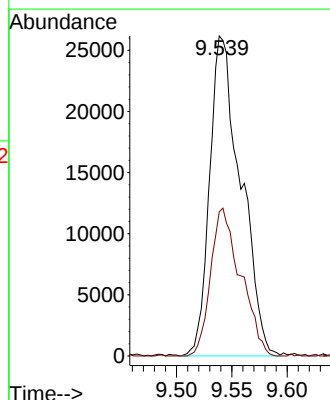
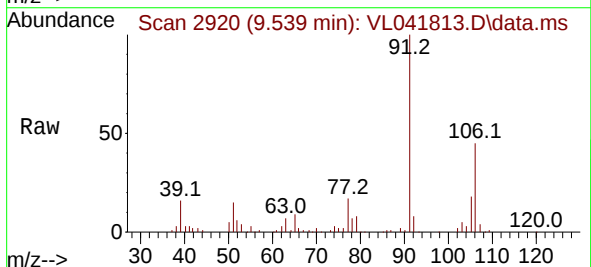
Acq: 19 Dec 2024 01:55

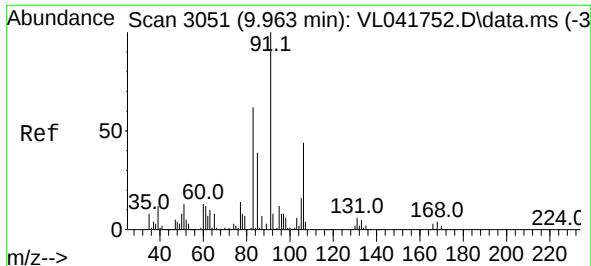
Tgt Ion: 91 Resp: 51273

Ion Ratio Lower Upper

91 100

106 44.6 0.0 0.0#





#60

o-Xylene

Concen: 0.723 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

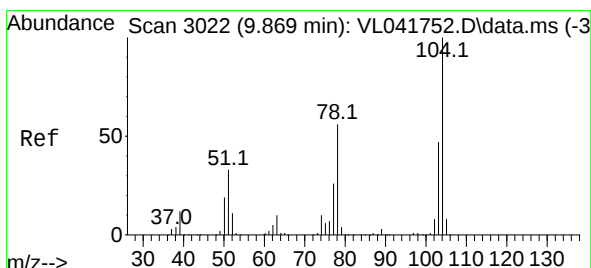
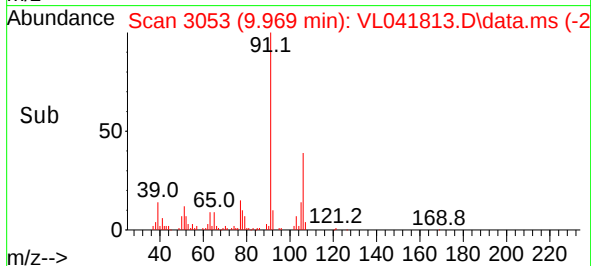
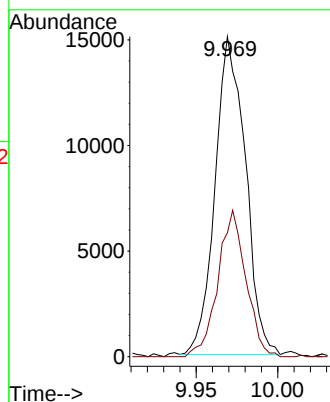
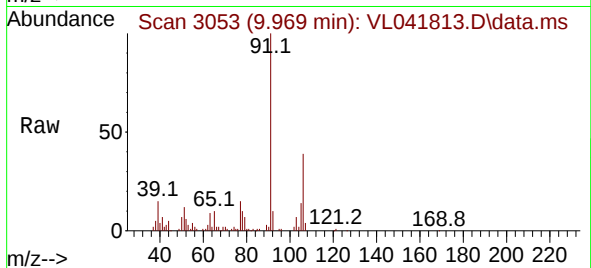
C0AC6

Tgt Ion: 91 Resp: 19501

Ion Ratio Lower Upper

91 100

106 42.6 21.1 63.4



#61

Styrene

Concen: 0.443 ppbv

RT: 9.878 min Scan# 3025

Delta R.T. 0.009 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

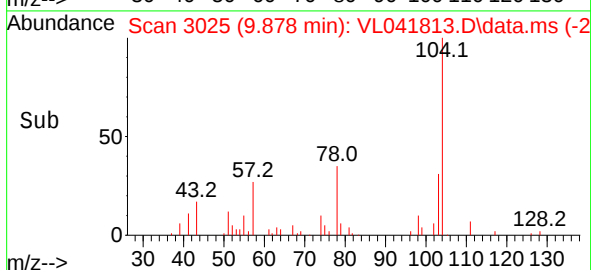
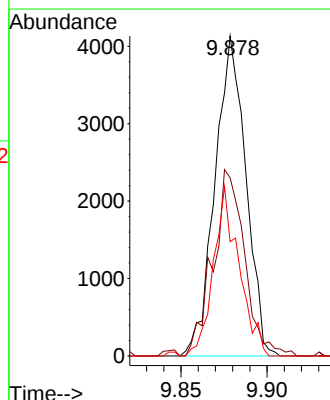
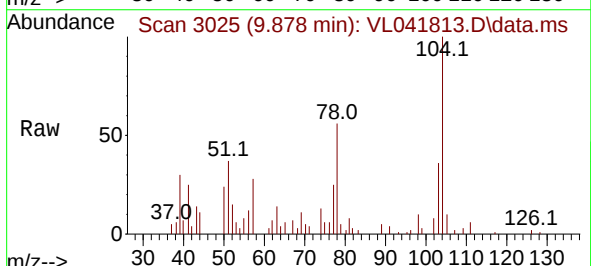
Tgt Ion: 104 Resp: 5166

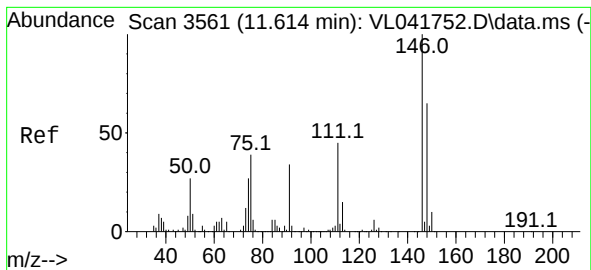
Ion Ratio Lower Upper

104 100

78 60.2 43.8 65.6

103 44.2 37.8 56.6

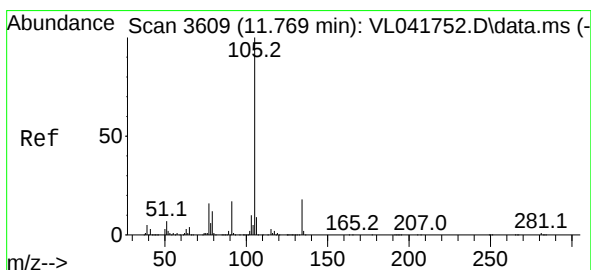
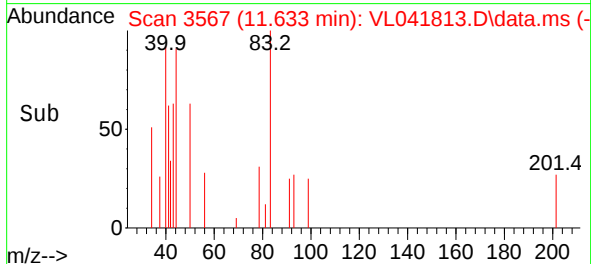
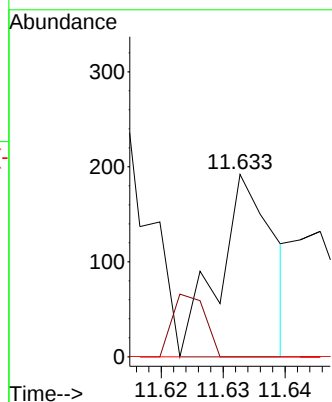
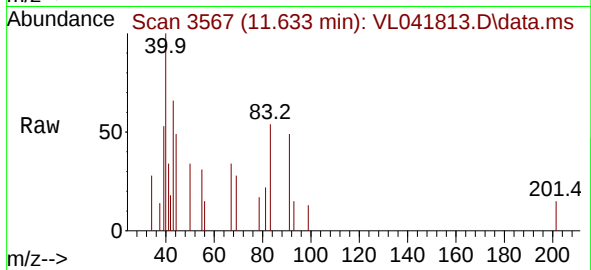




#66
Benzyl Chloride
Concen: 0.037 ppbv
RT: 11.633 min Scan# 3561
Delta R.T. 0.019 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

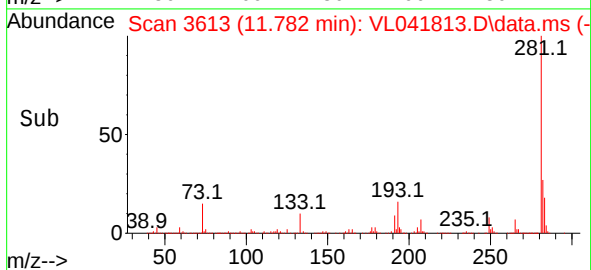
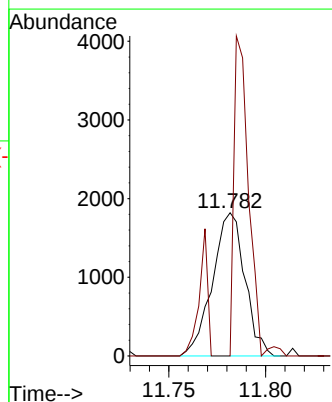
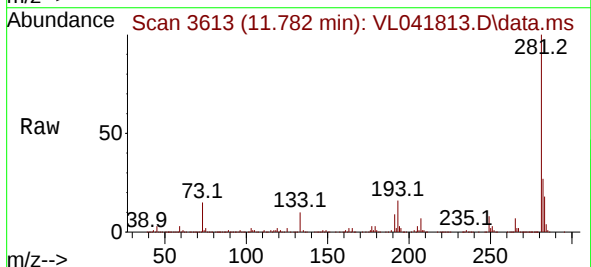
Instrument :
MSVOA_L
ClientSampleId :
C0AC6

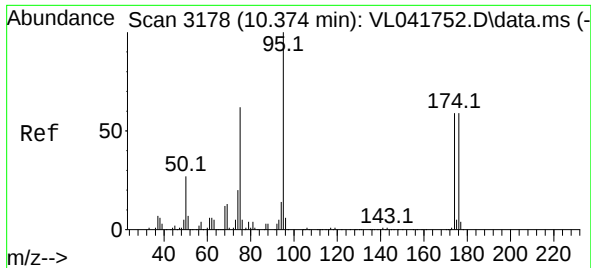
Tgt Ion: 91 Resp: 118
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.4 6.6#



#67
sec-Butylbenzene
Concen: 0.042 ppbv
RT: 11.782 min Scan# 3613
Delta R.T. 0.013 min
Lab File: VL041813.D
Acq: 19 Dec 2024 01:55

Tgt Ion:105 Resp: 2118
Ion Ratio Lower Upper
105 100
134 125.9 14.5 21.7#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.640 ppbv

RT: 10.383 min Scan# 31

Delta R.T. 0.009 min

Lab File: VL041813.D

Acq: 19 Dec 2024 01:55

Instrument :

MSVOA_L

ClientSampleId :

C0AC6

Tgt Ion: 95 Resp: 149193

Ion Ratio Lower Upper

95 100

174 57.5 47.6 71.4

175 3.9 3.7 5.5

