

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041655.D
 Acq On : 10 Oct 2024 23:19
 Operator : SY/MD
 Sample : P4368-13 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

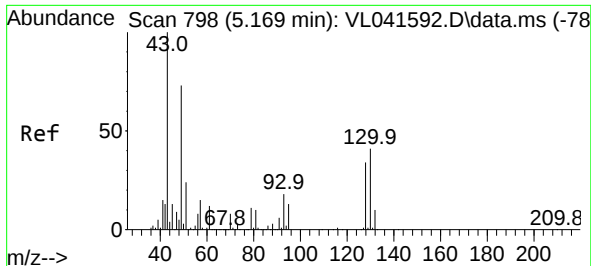
Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:47:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

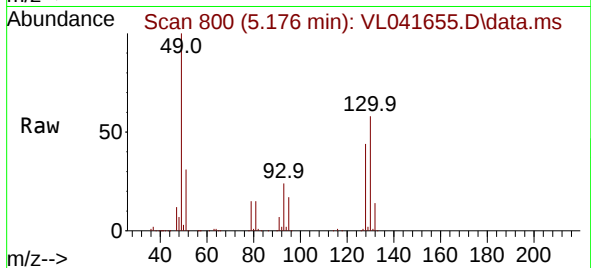
Internal Standards						
1) Bromochloromethane	5.176	49	995572	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2733141	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2414445	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1812357	10.197	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.832	85	16399	0.114	ppbv	98
3) Chlorodifluoromethane	2.652	51	12564	0.104	ppbv	98
4) Chloromethane	2.790	50	7313	0.110	ppbv	92
5) Vinyl Chloride	2.896	62	5262	0.092	ppbv	98
6) Bromomethane	3.099	94	1930	0.067	ppbv #	72
7) Chloroethane	3.179	64	1568	0.070	ppbv #	85
8) Dichlorotetrafluoroethane	2.832	85	16399	0.109	ppbv	92
9) Propene	2.674	41	3009	0.059	ppbv #	1
10) Heptane	7.568	43	4148	0.035	ppbv #	55
11) Trichlorofluoromethane	3.542	101	13674	0.089	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.044	101	10288	0.093	ppbv	93
14) Bromoethene	3.346	108	1699	0.040	ppbv #	1
15) Acetone	3.475	43	23683	0.189	ppbv #	88
16) 1,3-Butadiene	2.967	39	3432	0.056	ppbv #	10
18) 1,1-Dichloroethene	3.861	96	4721	0.101	ppbv #	56
19) Isopropyl Alcohol	3.590	45	4163	0.065	ppbv #	62
20) Methylene Chloride	3.912	84	9195	0.196	ppbv #	83
21) Allyl Chloride	3.979	41	3689	0.051	ppbv #	1
22) trans-1,2-Dichloroethene	4.426	96	3172	0.068	ppbv #	51
24) 1,1-Dichloroethane	4.549	63	3679	0.036	ppbv #	87
25) Ethyl Acetate	5.205	43	12245	0.055	ppbv #	88
26) Hexane	5.195	57	3739	0.040	ppbv #	1
27) Carbon Disulfide	4.105	76	5546	0.056	ppbv #	46
28) Methyl tert-Butyl Ether	4.578	73	1908	0.033	ppbv #	51
29) Chloroform	5.259	83	6636	0.043	ppbv	86
31) cis-1,2-Dichloroethene	5.060	61	6734	0.076	ppbv	92
32) 1,1,1-Trichloroethane	5.992	97	6490	0.048	ppbv #	16
34) 2-Butanone	4.793	43	5432	0.042	ppbv #	34
35) Carbon Tetrachloride	6.475	117	11425	0.085	ppbv	88
36) Benzene	6.352	78	11677	0.062	ppbv #	91
37) 1,2-Dichloroethane	5.793	62	9226	0.084	ppbv #	92
38) Trichloroethene	7.269	130	3702	0.038	ppbv #	56
39) 1,2-Dichloropropane	6.635	63	672332	8.707	ppbv #	23
42) Bromodichloromethane	7.230	83	7270	0.047	ppbv	92
47) 1,1,2-Trichloroethane	8.880	97	2692	0.033	ppbv #	83
56) 1,1,1,2-Tetrachloroethane	11.500	131	3205	0.034	ppbv #	9
57) Chlorobenzene	11.510	112	6241	0.036	ppbv #	44

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

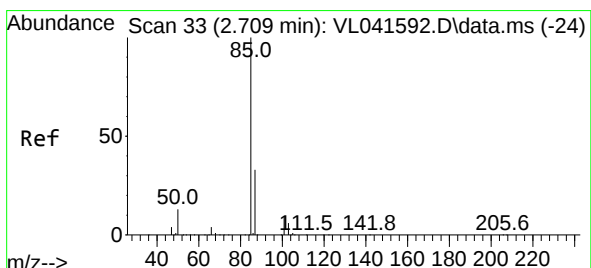
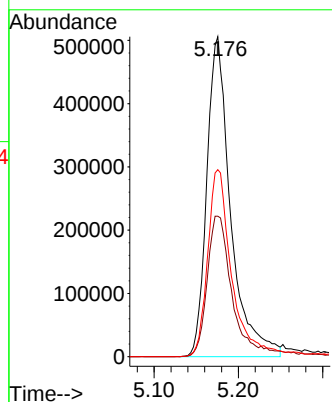
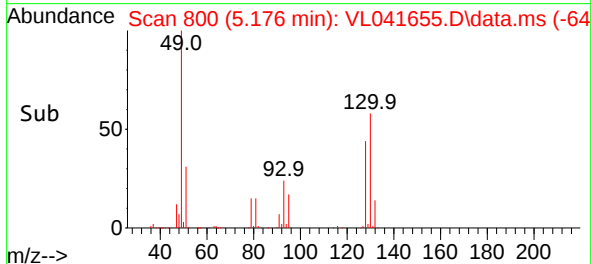


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

Instrument :
 MSVOA_L
 ClientSampleId :

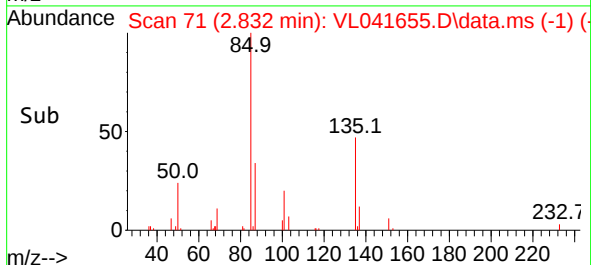
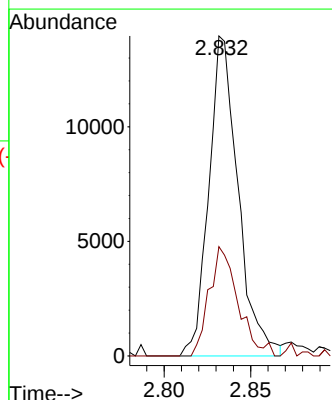
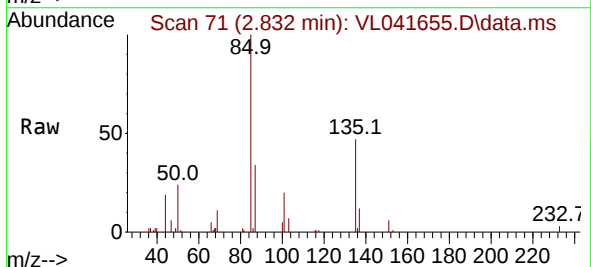


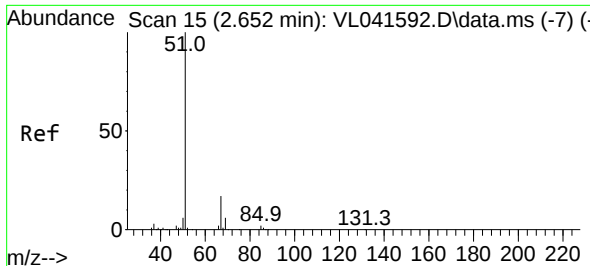
Tgt Ion: 49 Resp: 995572
 Ion Ratio Lower Upper
 49 100
 128 48.2 23.8 71.5
 130 61.4 30.4 91.3



#2
 Dichlorodifluoromethane
 Concen: 0.114 ppbv
 RT: 2.832 min Scan# 71
 Delta R.T. 0.122 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

Tgt Ion: 85 Resp: 16399
 Ion Ratio Lower Upper
 85 100
 87 34.1 26.3 39.5

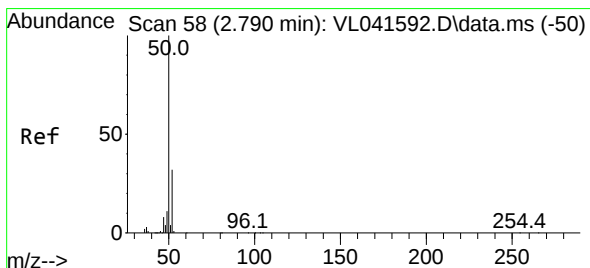
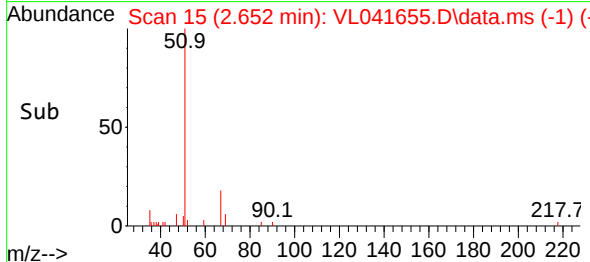
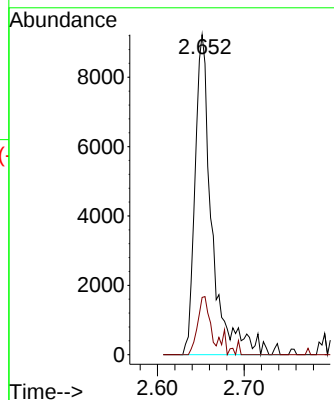
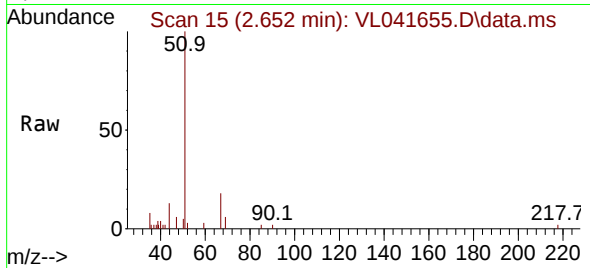




#3
Chlorodifluoromethane
Concen: 0.104 ppbv
RT: 2.652 min Scan# 15
Delta R.T. 0.000 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

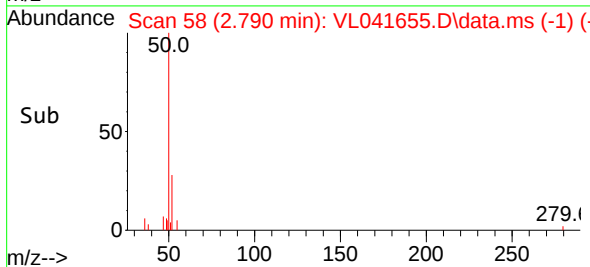
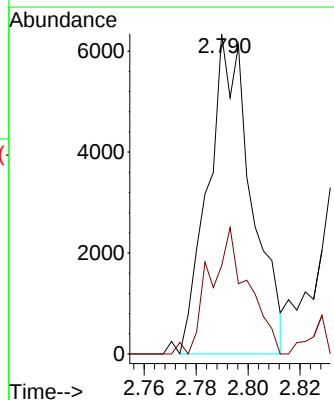
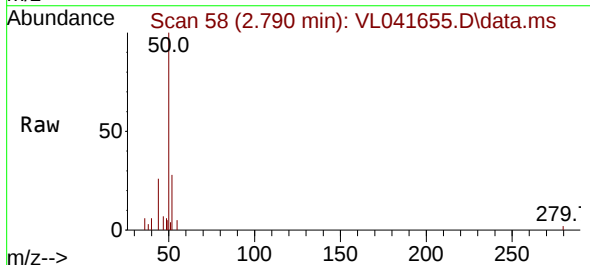
Instrument :
MSVOA_L
ClientSampleId :

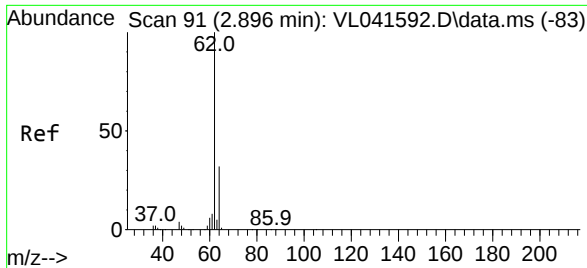
Tgt Ion: 51 Resp: 12564
Ion Ratio Lower Upper
51 100
67 16.5 14.1 21.1



#4
Chloromethane
Concen: 0.110 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.000 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 50 Resp: 7313
Ion Ratio Lower Upper
50 100
52 27.6 25.4 38.2

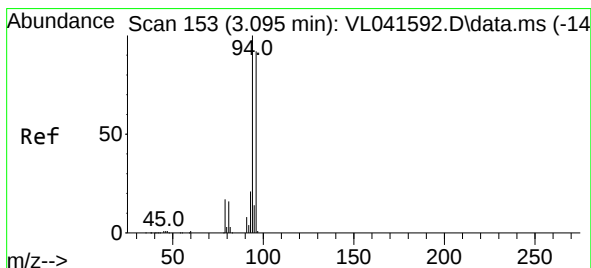
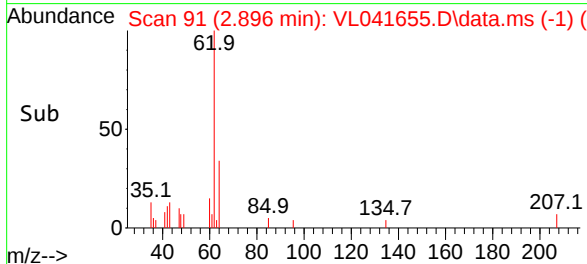
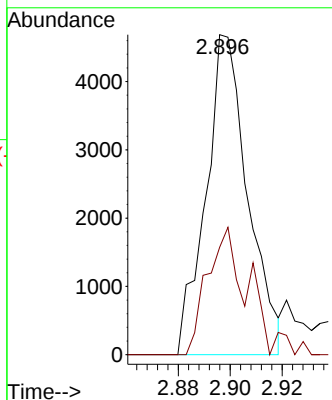
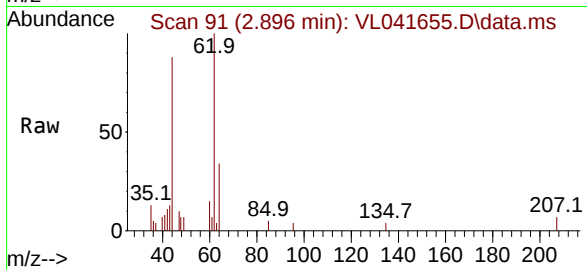




#5
 Vinyl Chloride
 Concen: 0.092 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

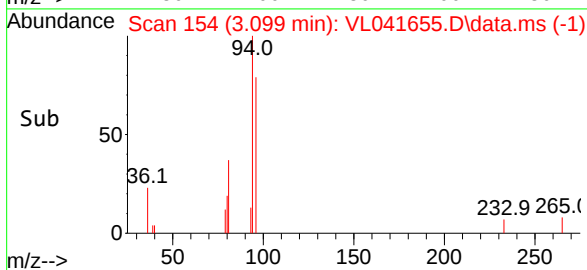
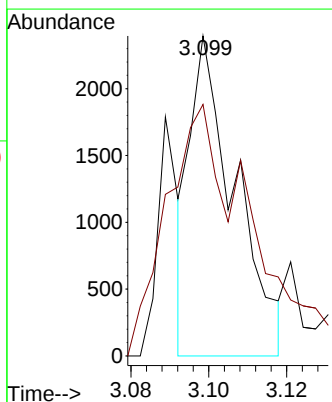
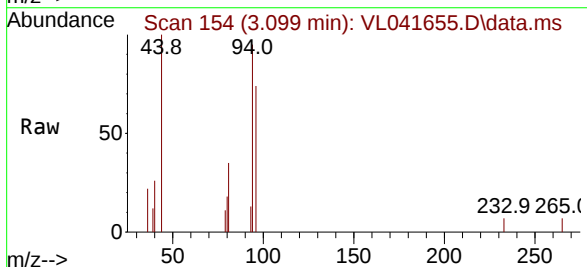
Instrument :
 MSVOA_L
 ClientSampleId :

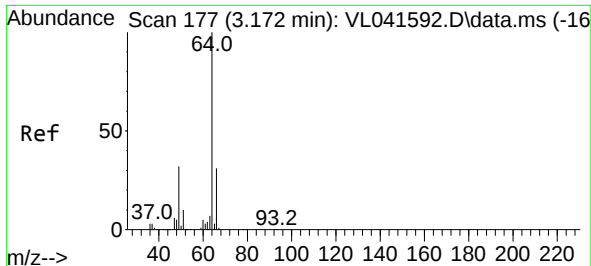
Tgt Ion: 62 Resp: 5262
 Ion Ratio Lower Upper
 62 100
 64 33.6 26.0 39.0



#6
 Bromomethane
 Concen: 0.067 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

Tgt Ion: 94 Resp: 1930
 Ion Ratio Lower Upper
 94 100
 96 65.1 73.4 110.2#

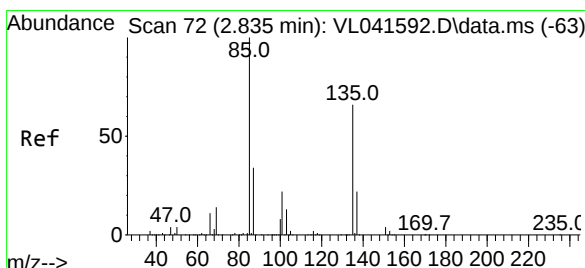
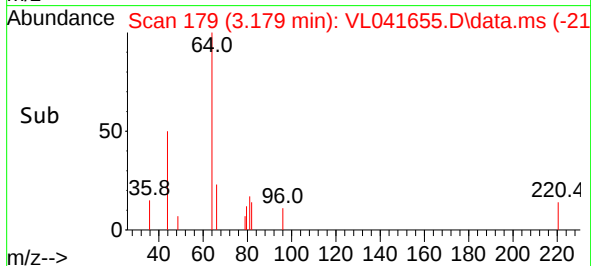
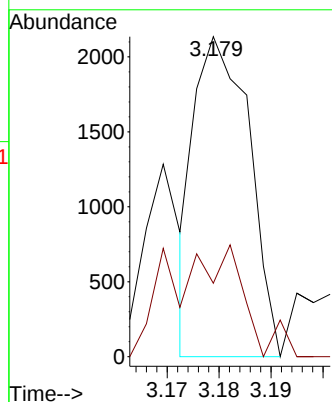
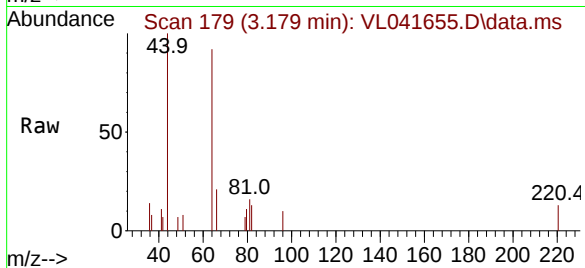




#7
Chloroethane
Concen: 0.070 ppbv
RT: 3.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

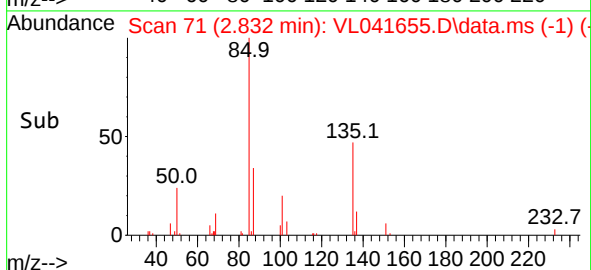
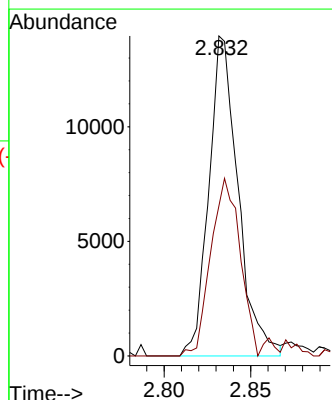
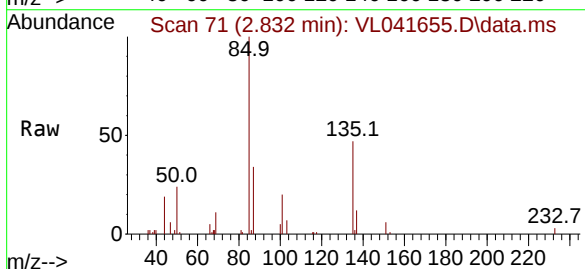
Instrument :
MSVOA_L
ClientSampleId :

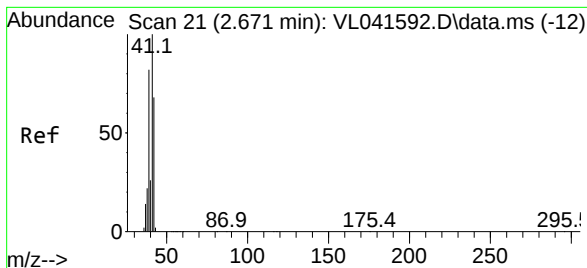
Tgt Ion: 64 Resp: 1568
Ion Ratio Lower Upper
64 100
66 23.0 25.1 37.7#



#8
Dichlorotetrafluoroethane
Concen: 0.109 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 85 Resp: 16399
Ion Ratio Lower Upper
85 100
135 60.9 53.9 80.9





#9

Propene

Concen: 0.059 ppbv

RT: 2.674 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

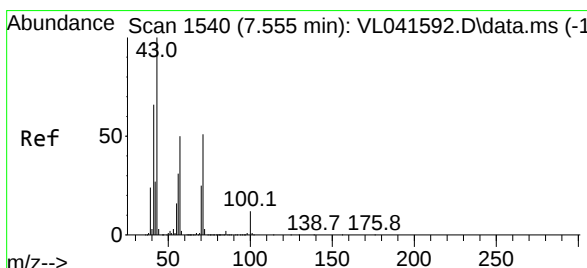
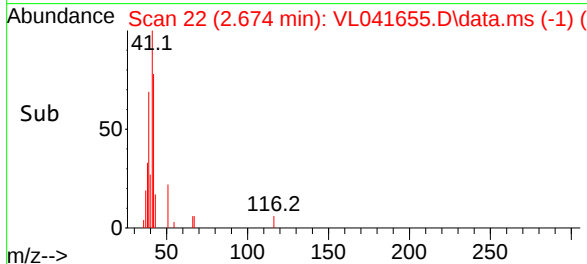
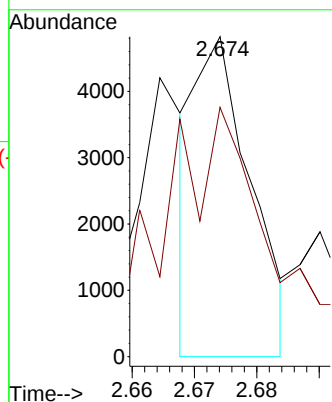
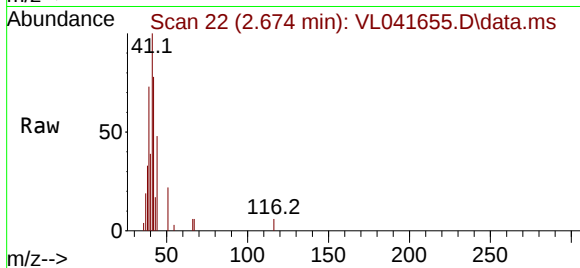
ClientSampleId :

Tgt Ion: 41 Resp: 3009

Ion Ratio Lower Upper

41 100

42 168.3 55.2 82.8#



#10

Heptane

Concen: 0.035 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. 0.013 min

Lab File: VL041655.D

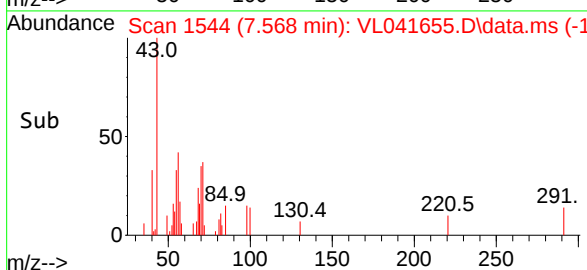
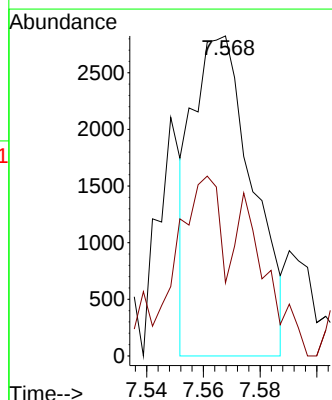
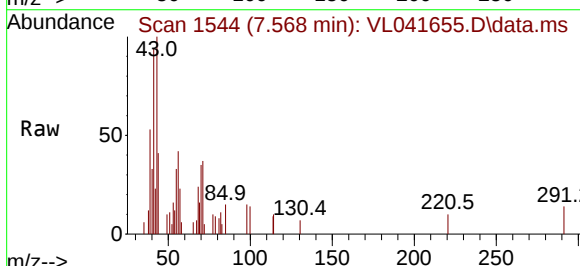
Acq: 10 Oct 2024 23:19

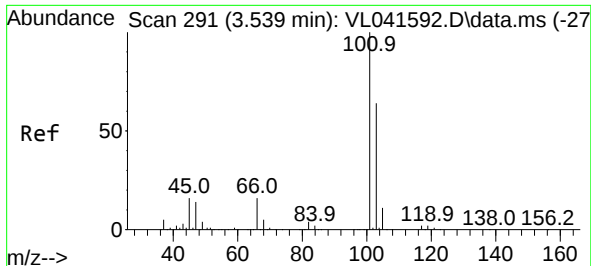
Tgt Ion: 43 Resp: 4148

Ion Ratio Lower Upper

43 100

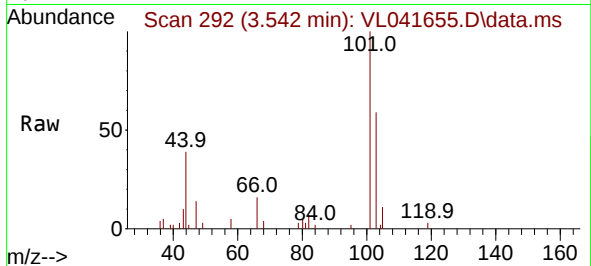
57 80.6 39.8 59.8#



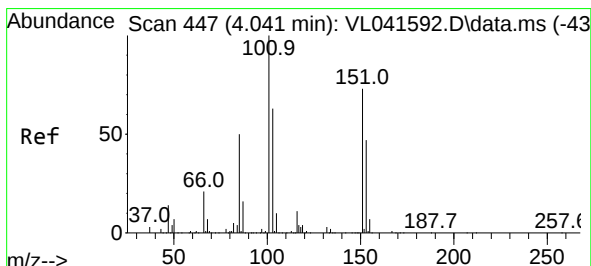
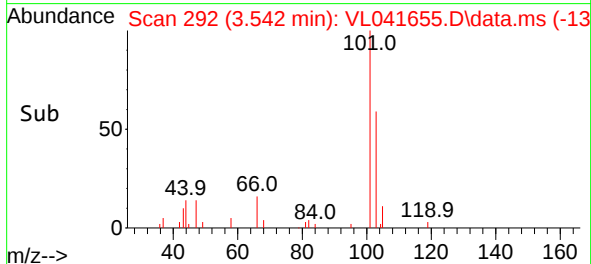
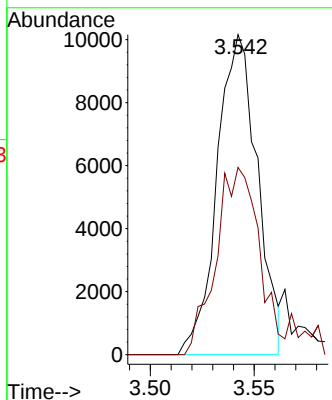


#11
Trichlorofluoromethane
Concen: 0.089 ppbv
RT: 3.542 min Scan# 291
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Instrument :
MSVOA_L
ClientSampleId :

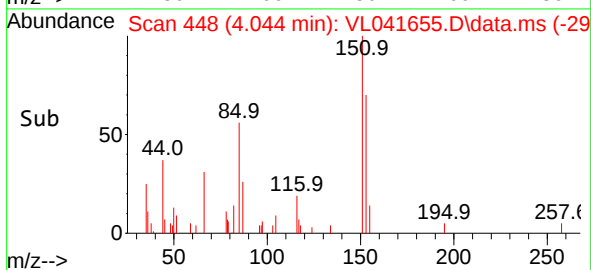
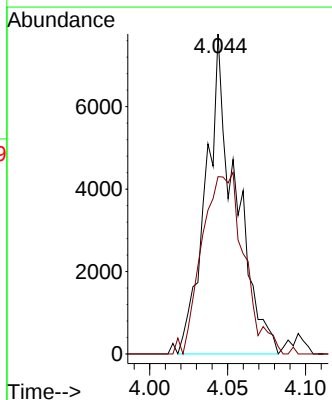
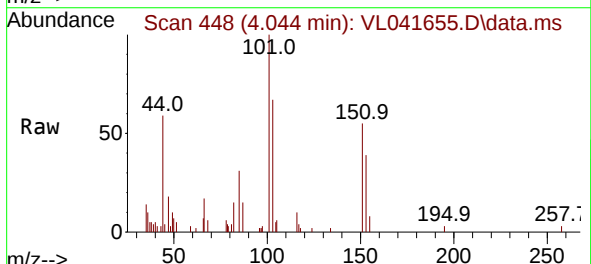


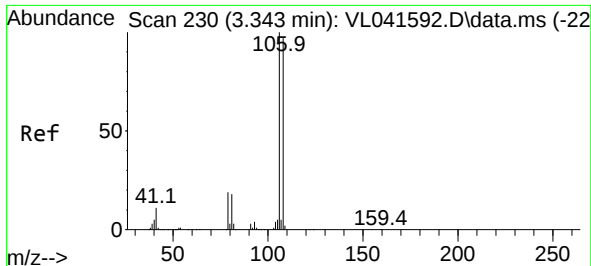
Tgt Ion:101 Resp: 13674
Ion Ratio Lower Upper
101 100
103 58.5 51.2 76.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.093 ppbv
RT: 4.044 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion:101 Resp: 10288
Ion Ratio Lower Upper
101 100
151 80.4 59.4 89.2





#14

Bromoethene

Concen: 0.040 ppbv

RT: 3.346 min Scan# 21

Delta R.T. 0.003 min

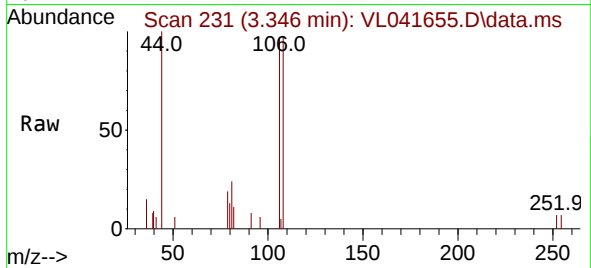
Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :



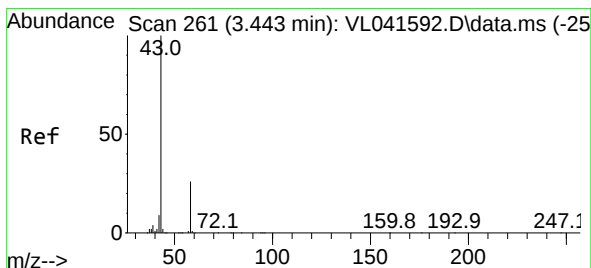
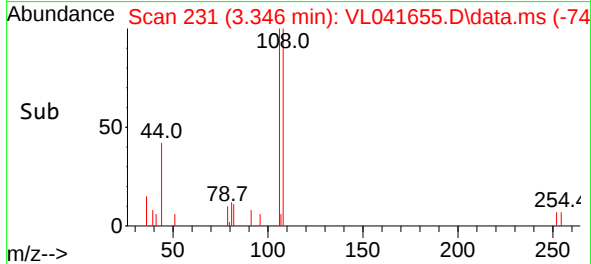
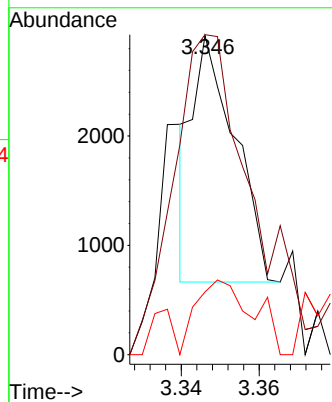
Tgt Ion:108 Resp: 1699

Ion Ratio Lower Upper

108 100

106 254.1 86.5 129.7#

79 49.5 16.2 24.4#



#15

Acetone

Concen: 0.189 ppbv

RT: 3.475 min Scan# 271

Delta R.T. 0.032 min

Lab File: VL041655.D

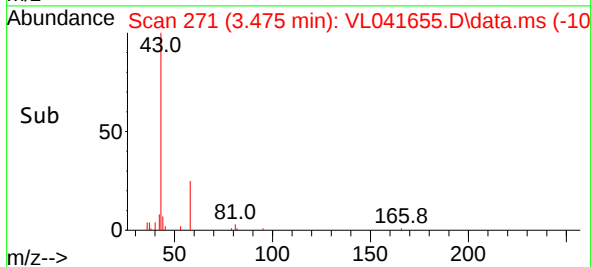
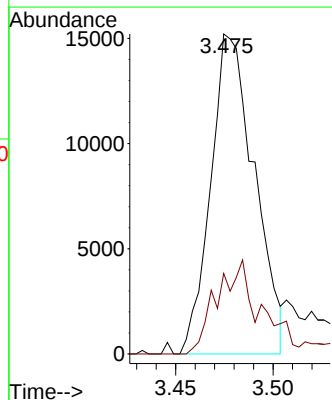
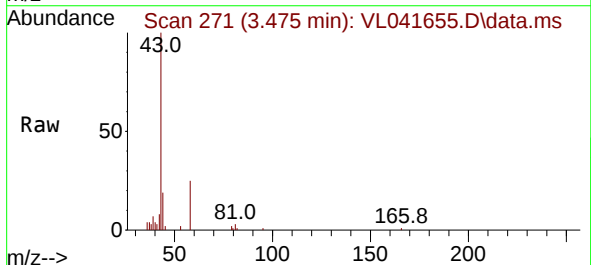
Acq: 10 Oct 2024 23:19

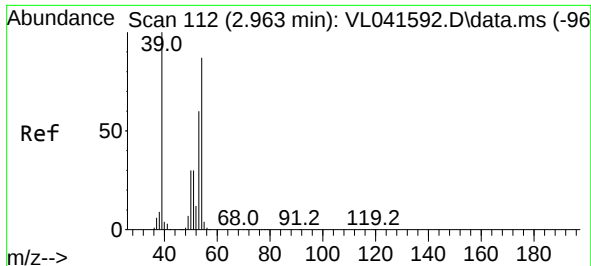
Tgt Ion: 43 Resp: 23683

Ion Ratio Lower Upper

43 100

58 33.1 21.5 32.3#

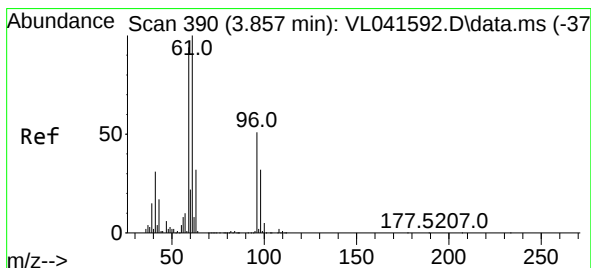
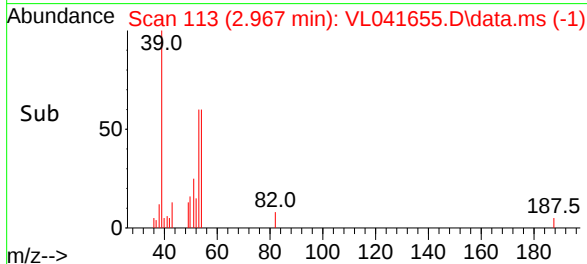
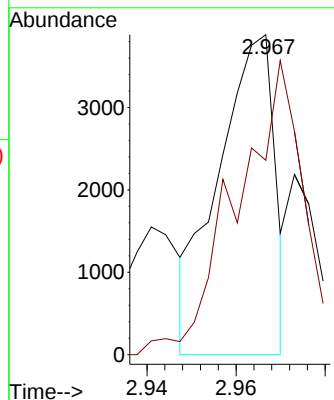
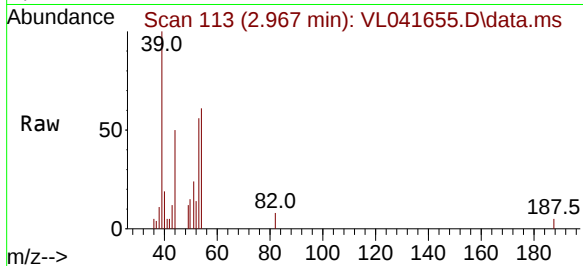




#16
1,3-Butadiene
Concen: 0.056 ppbv
RT: 2.967 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

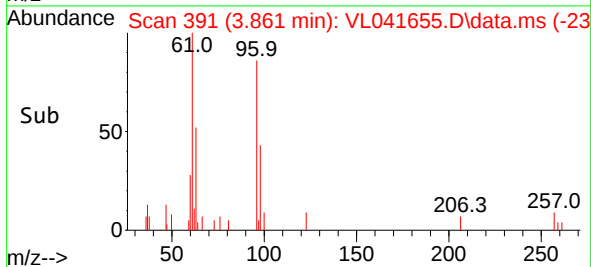
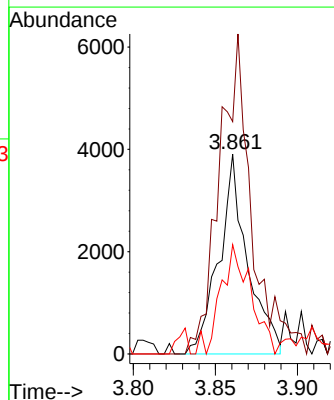
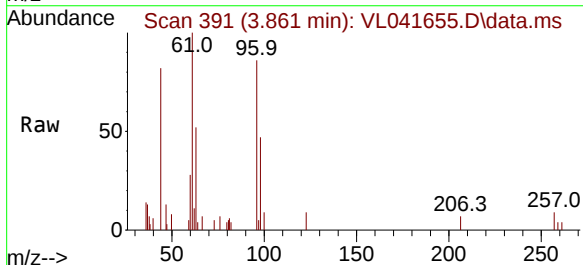
Instrument :
MSVOA_L
ClientSampleId :

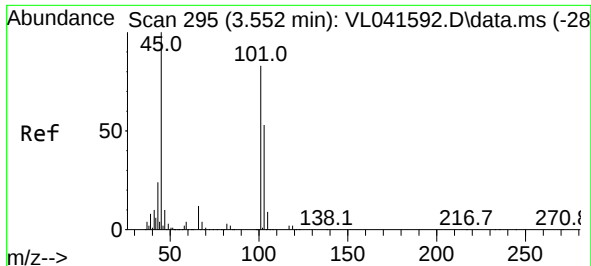
Tgt Ion: 39 Resp: 3432
Ion Ratio Lower Upper
39 100
54 0.0 62.9 94.3#



#18
1,1-Dichloroethene
Concen: 0.101 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 96 Resp: 4721
Ion Ratio Lower Upper
96 100
61 116.2 155.6 233.4#
98 49.2 50.6 75.8#





#19

Isopropyl Alcohol

Concen: 0.065 ppbv

RT: 3.590 min Scan# 307

Delta R.T. 0.039 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

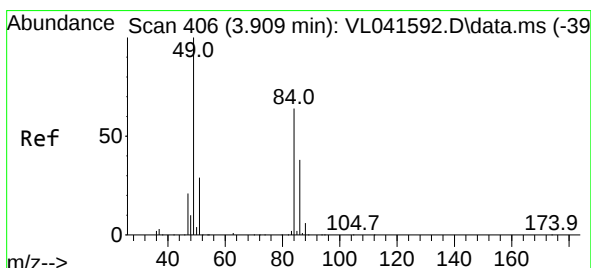
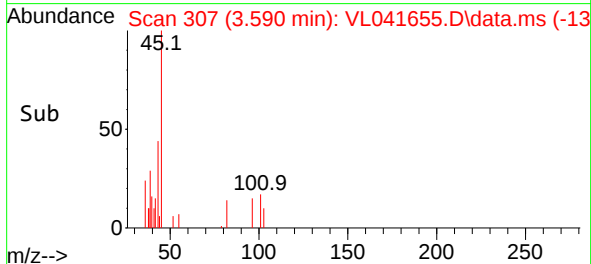
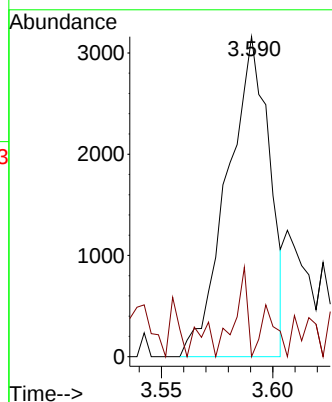
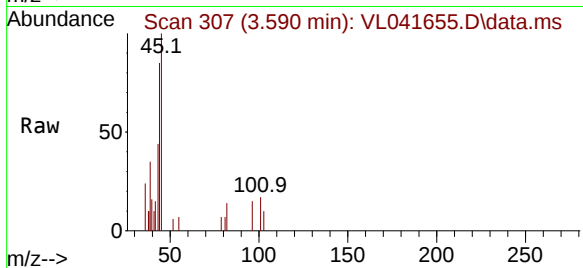
ClientSampleId :

Tgt Ion: 45 Resp: 4163

Ion Ratio Lower Upper

45 100

58 15.5 2.1 3.1#



#20

Methylene Chloride

Concen: 0.196 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.003 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Tgt Ion: 84 Resp: 9195

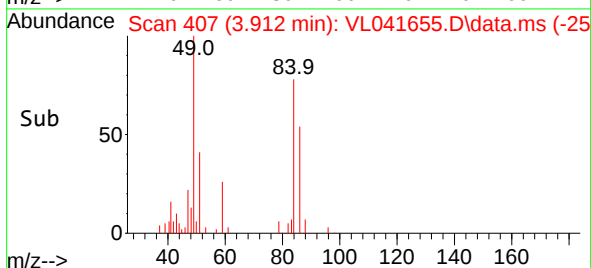
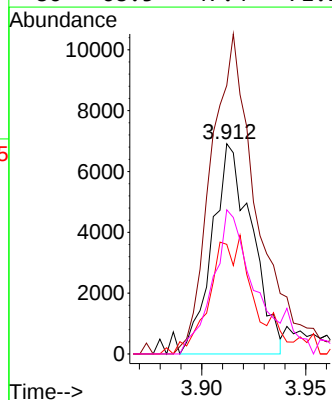
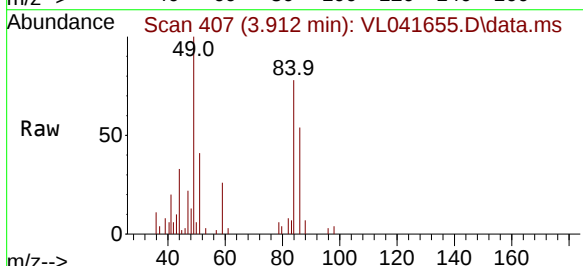
Ion Ratio Lower Upper

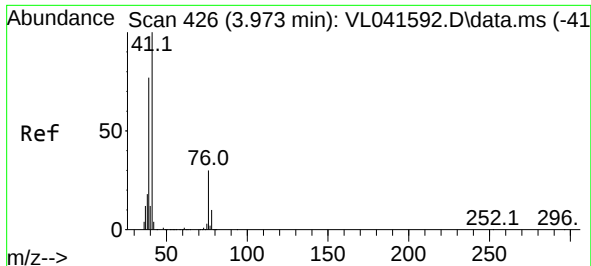
84 100

49 124.1 124.3 186.5#

51 46.3 36.3 54.5

86 68.5 47.4 71.2





#21

Allyl Chloride

Concen: 0.051 ppbv

RT: 3.979 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

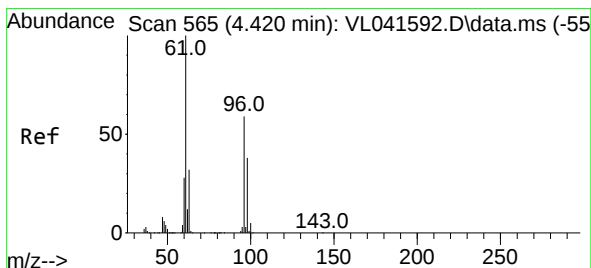
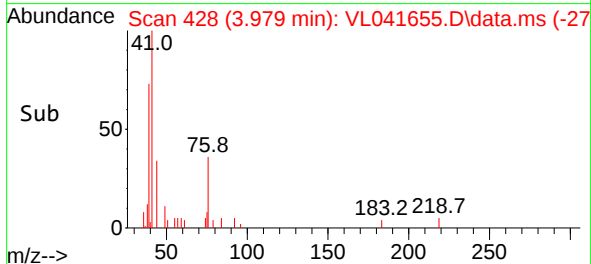
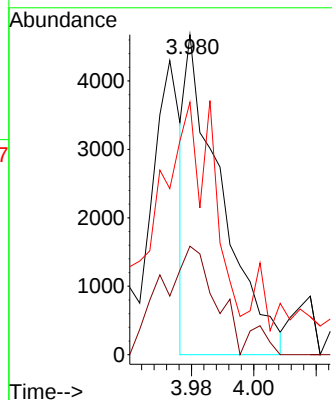
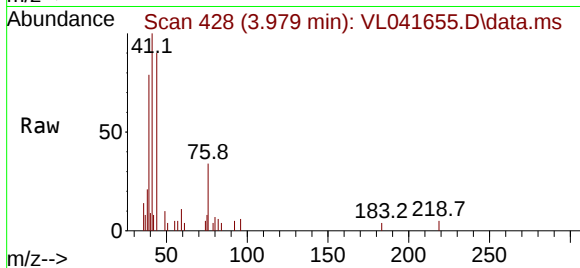
Tgt Ion: 41 Resp: 3689

Ion Ratio Lower Upper

41 100

76 56.2 23.8 35.6#

39 195.9 63.9 95.9#



#22

trans-1,2-Dichloroethene

Concen: 0.068 ppbv

RT: 4.426 min Scan# 567

Delta R.T. 0.006 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

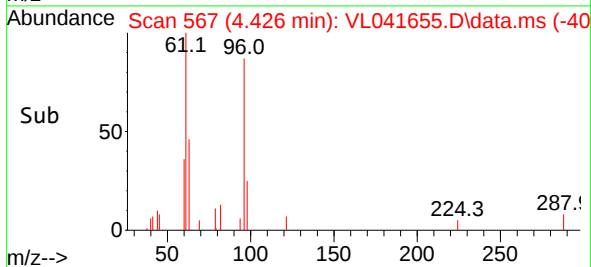
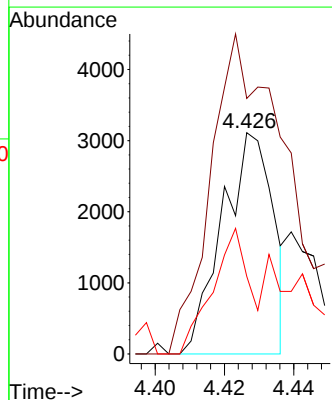
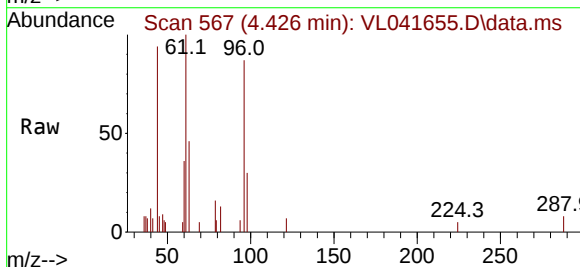
Tgt Ion: 96 Resp: 3172

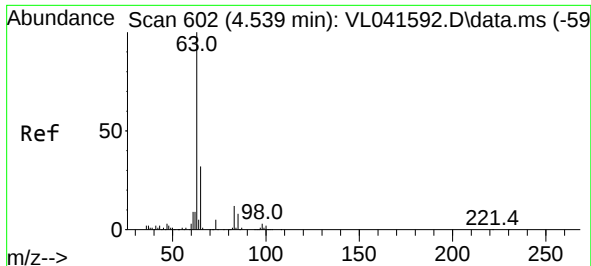
Ion Ratio Lower Upper

96 100

61 95.4 135.7 203.5#

98 35.1 50.9 76.3#

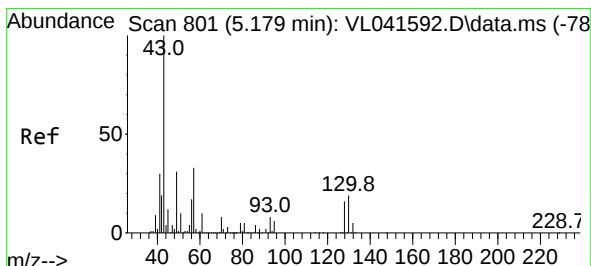
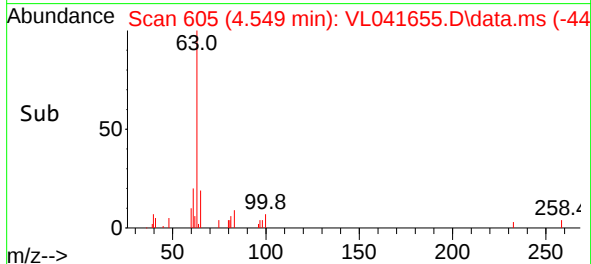
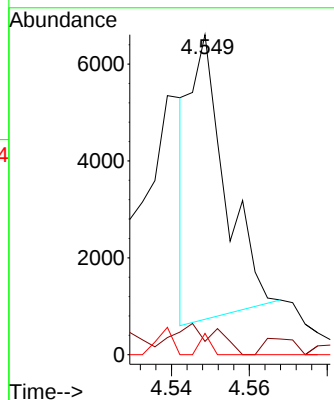
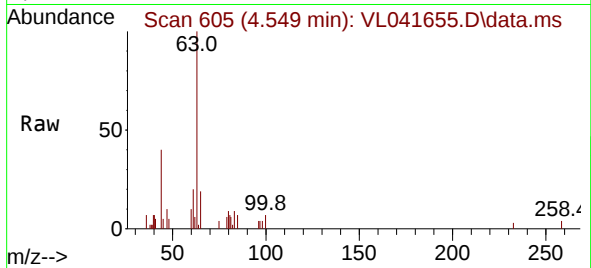




#24
1,1-Dichloroethane
Concen: 0.036 ppbv
RT: 4.549 min Scan# 602
Delta R.T. 0.010 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

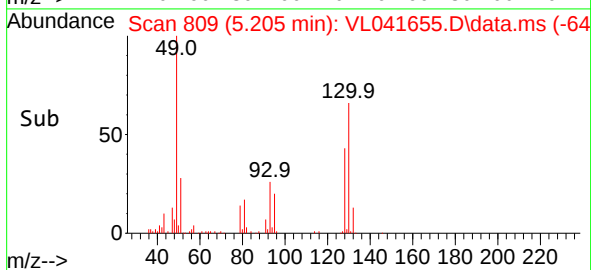
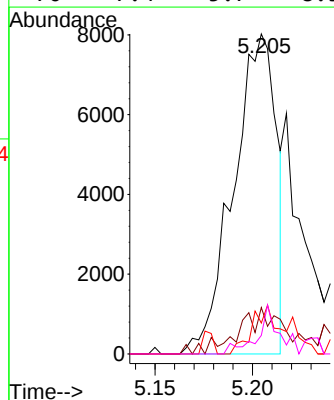
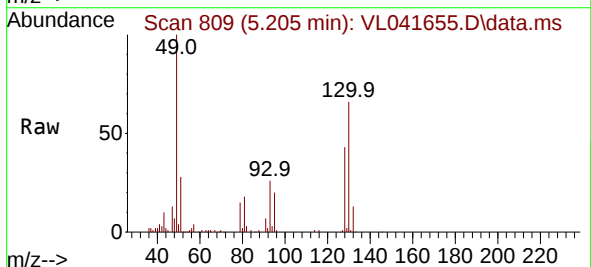
Instrument :
MSVOA_L
ClientSampleId :

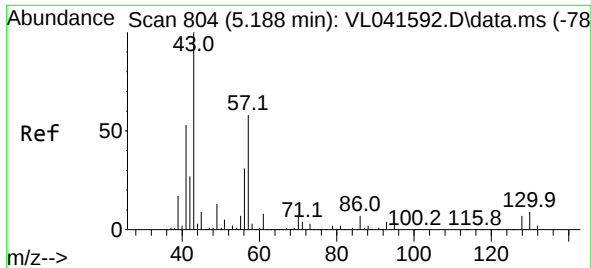
Tgt Ion: 63 Resp: 3679
Ion Ratio Lower Upper
63 100
98 0.0 1.7 5.1#
100 8.0 1.1 3.3#



#25
Ethyl Acetate
Concen: 0.055 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.026 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

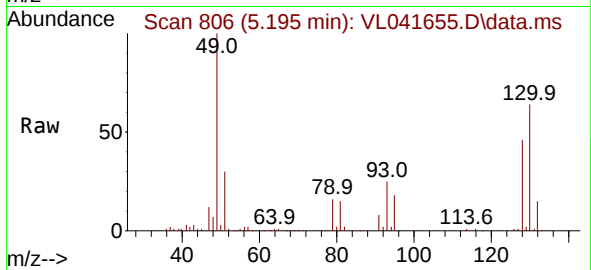
Tgt Ion: 43 Resp: 12245
Ion Ratio Lower Upper
43 100
45 19.0 8.2 12.2#
61 12.6 8.0 12.0#
70 7.4 5.7 8.5





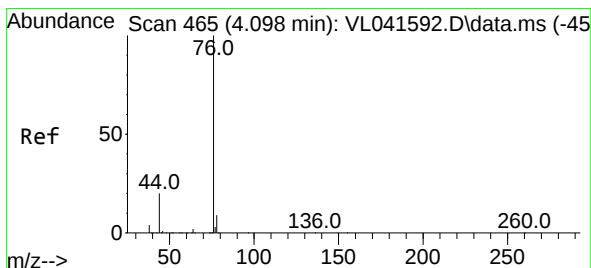
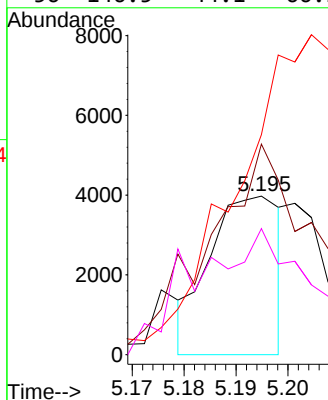
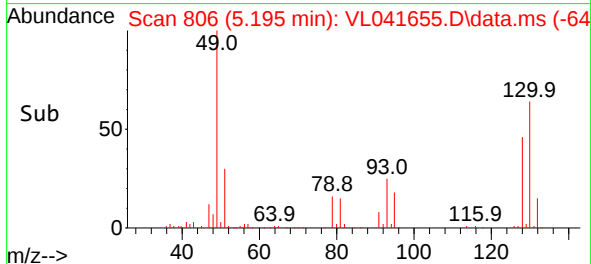
#26
Hexane
Concen: 0.040 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 57 Resp: 3739

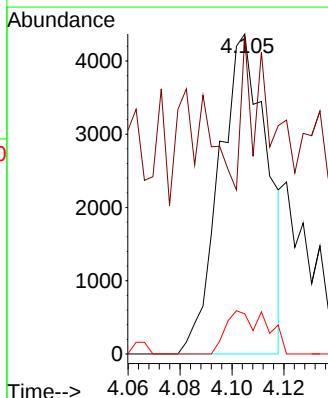
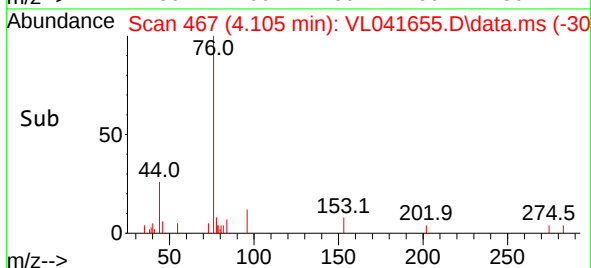
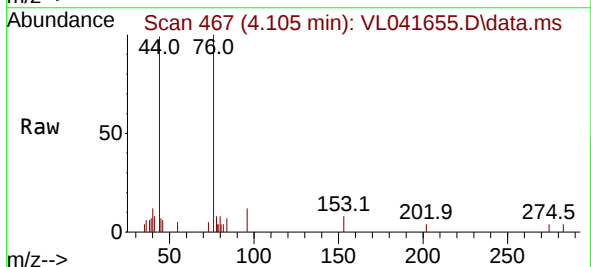
Ion	Ratio	Lower	Upper
57	100		
41	224.3	75.7	113.5#
43	0.0	198.5	297.7#
56	146.5	44.1	66.1#

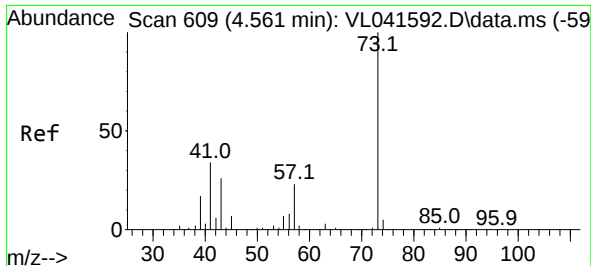


#27
Carbon Disulfide
Concen: 0.056 ppbv
RT: 4.105 min Scan# 467
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 76 Resp: 5546

Ion	Ratio	Lower	Upper
76	100		
44	55.1	15.8	23.8#
78	11.6	7.5	11.3#





#28

Methyl tert-Butyl Ether

Concen: 0.033 ppbv

RT: 4.578 min Scan# 61

Delta R.T. 0.016 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

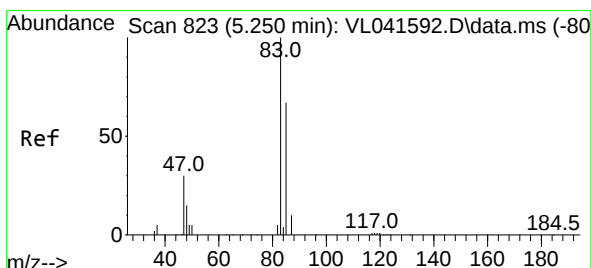
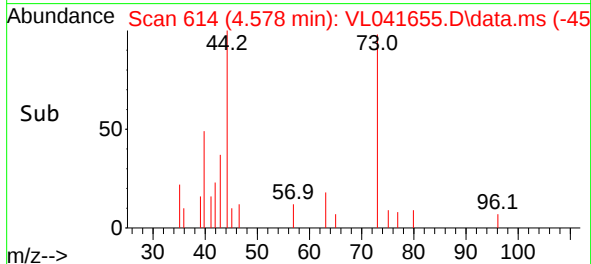
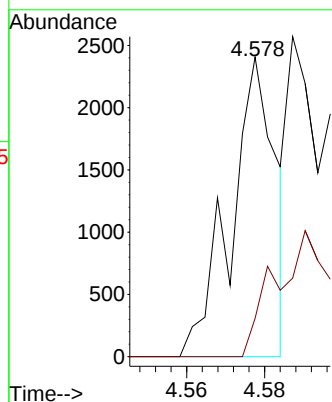
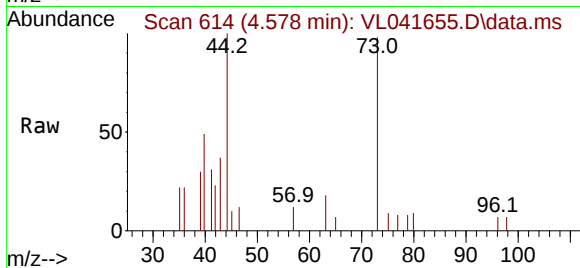
ClientSampleId :

Tgt Ion: 73 Resp: 1908

Ion Ratio Lower Upper

73 100

57 0.0 19.3 28.9#



#29

Chloroform

Concen: 0.043 ppbv

RT: 5.259 min Scan# 826

Delta R.T. 0.010 min

Lab File: VL041655.D

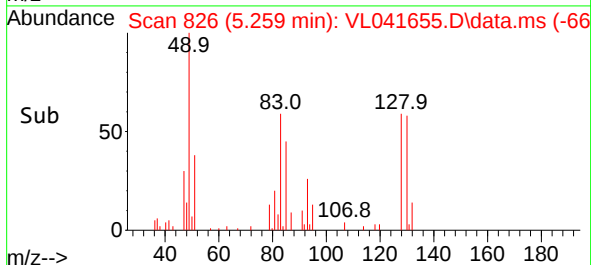
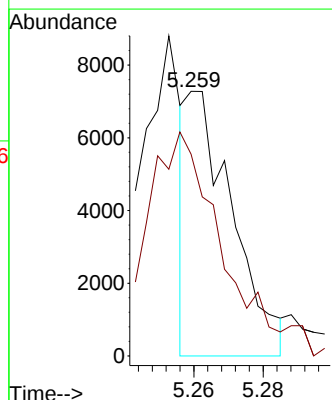
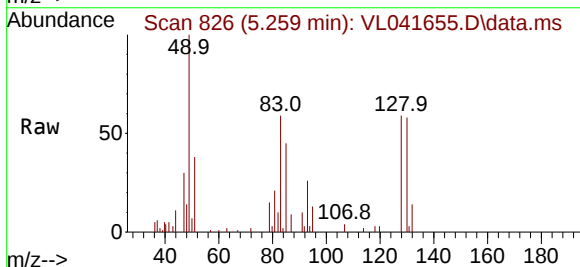
Acq: 10 Oct 2024 23:19

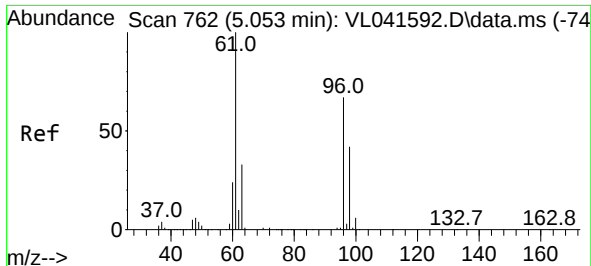
Tgt Ion: 83 Resp: 6636

Ion Ratio Lower Upper

83 100

85 78.3 53.8 80.6

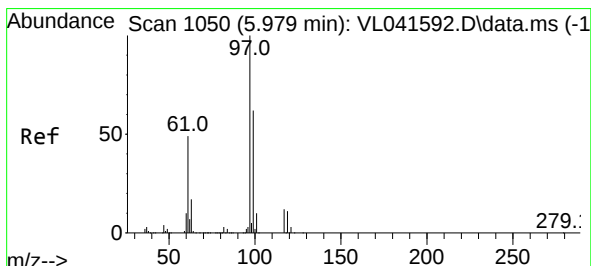
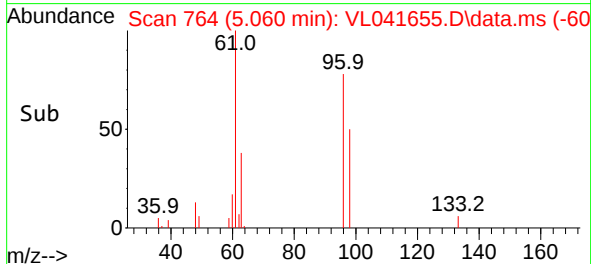
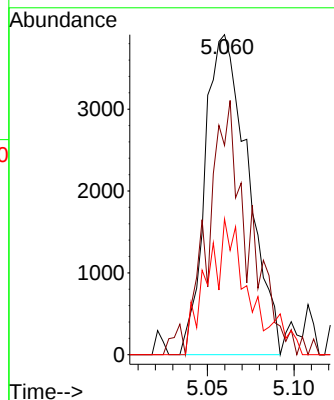
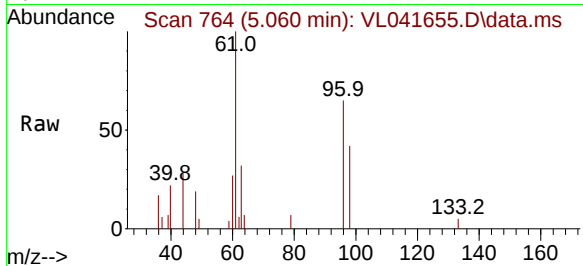




#31
 cis-1,2-Dichloroethene
 Concen: 0.076 ppbv
 RT: 5.060 min Scan# 764
 Delta R.T. 0.006 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

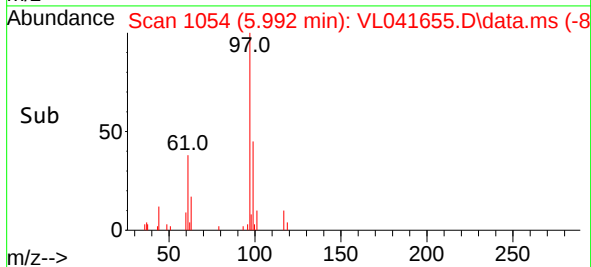
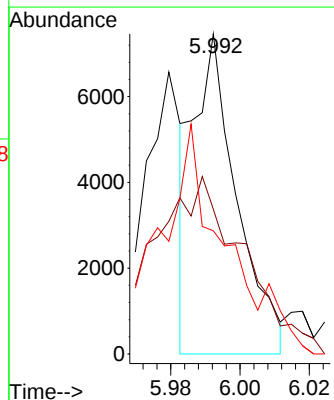
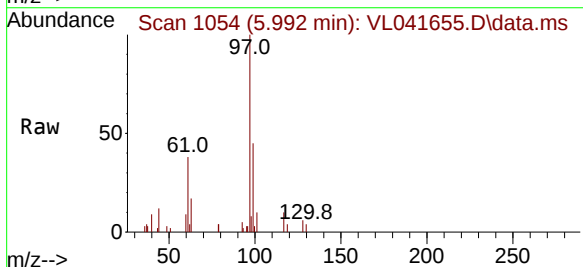
Instrument :
 MSVOA_L
 ClientSampleId :

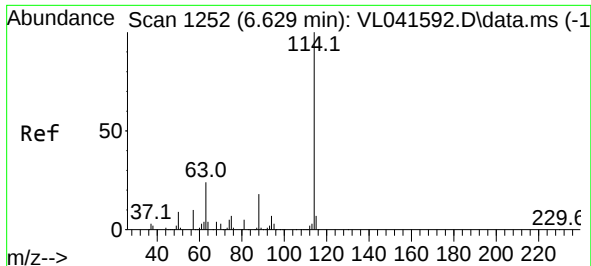
Tgt Ion: 61 Resp: 6734
 Ion Ratio Lower Upper
 61 100
 96 56.4 53.5 80.3
 98 42.4 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 0.048 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.013 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

Tgt Ion: 97 Resp: 6490
 Ion Ratio Lower Upper
 97 100
 99 124.5 51.0 76.4#
 61 115.7 41.0 61.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

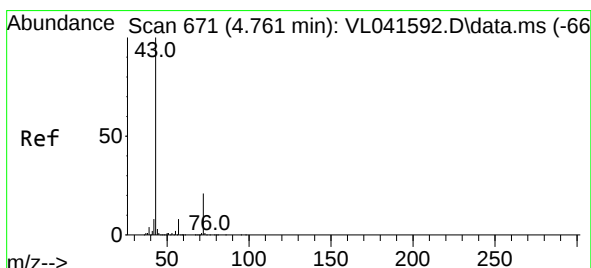
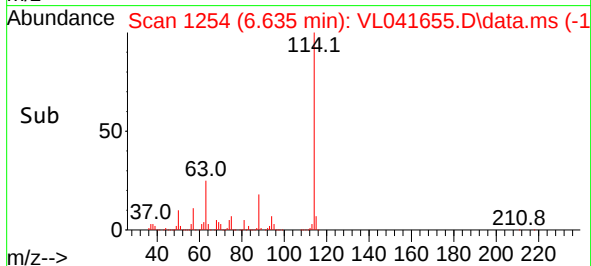
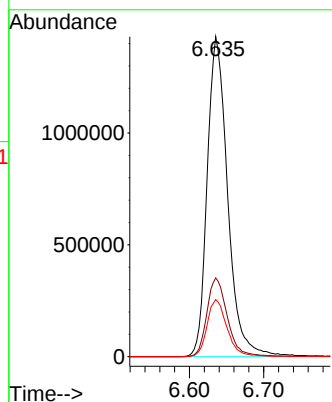
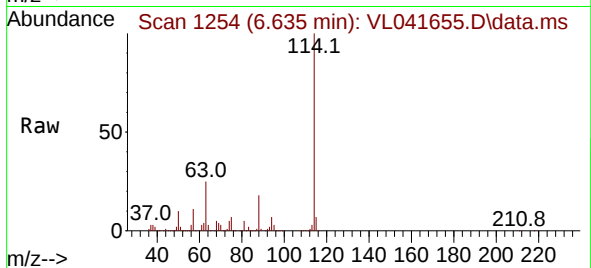
Tgt Ion:114 Resp: 2733141

Ion Ratio Lower Upper

114 100

63 25.0 20.2 30.2

88 17.5 14.2 21.4



#34

2-Butanone

Concen: 0.042 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.032 min

Lab File: VL041655.D

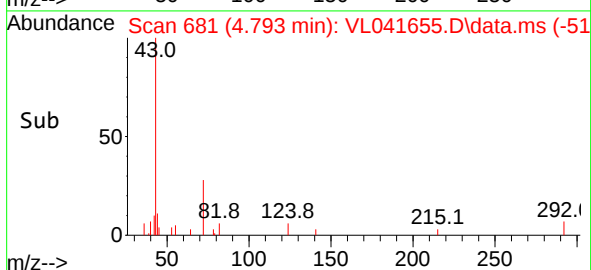
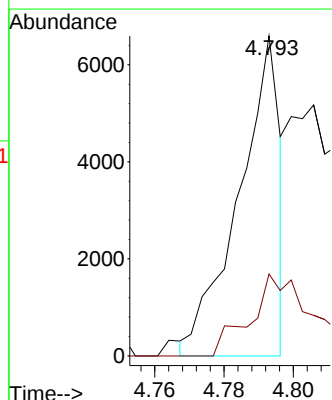
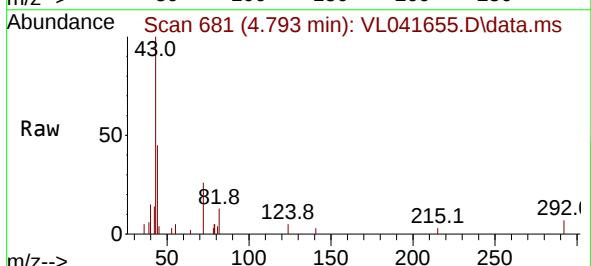
Acq: 10 Oct 2024 23:19

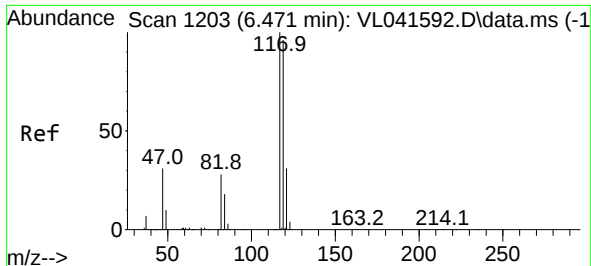
Tgt Ion: 43 Resp: 5432

Ion Ratio Lower Upper

43 100

72 51.8 16.8 25.2#

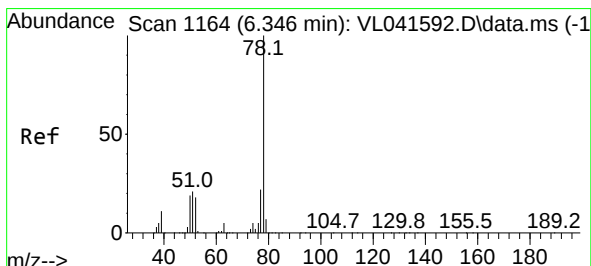
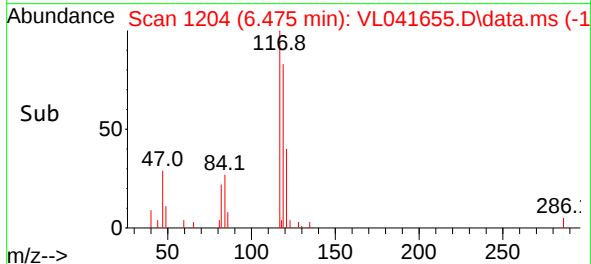
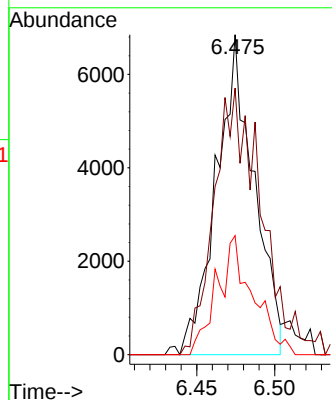
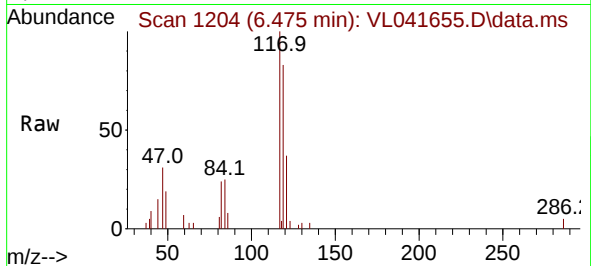




#35
Carbon Tetrachloride
Concen: 0.085 ppbv
RT: 6.475 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

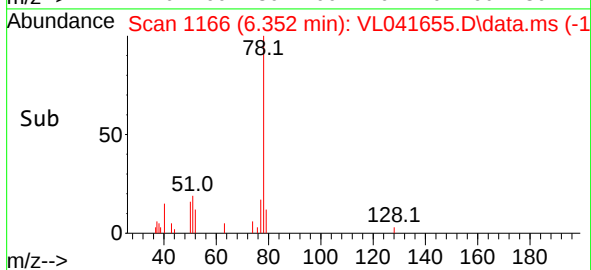
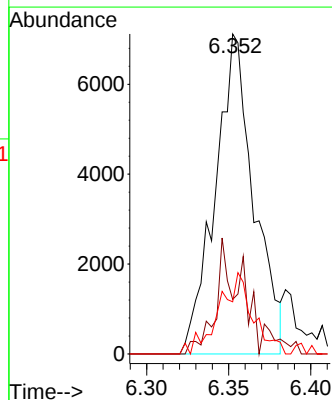
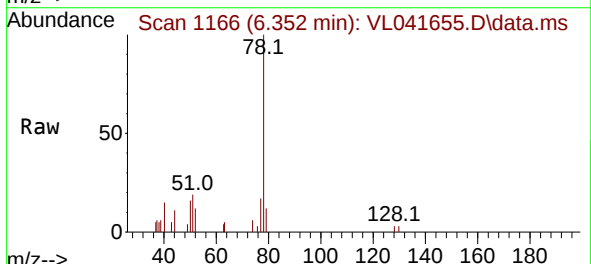
Instrument :
MSVOA_L
ClientSampleId :

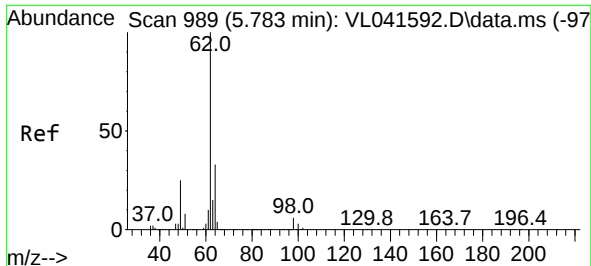
Tgt Ion:117 Resp: 11425
Ion Ratio Lower Upper
117 100
119 83.3 76.8 115.2
121 37.2 25.0 37.6



#36
Benzene
Concen: 0.062 ppbv
RT: 6.352 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 78 Resp: 11677
Ion Ratio Lower Upper
78 100
77 17.0 17.8 26.6#
50 16.3 15.4 23.0





#37

1,2-Dichloroethane

Concen: 0.084 ppbv

RT: 5.793 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

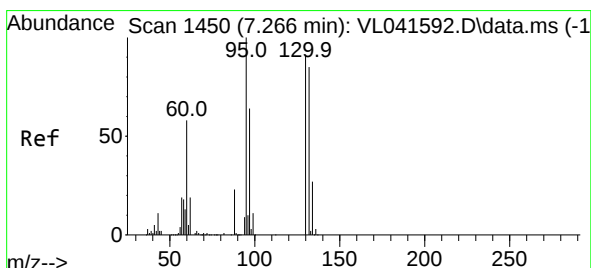
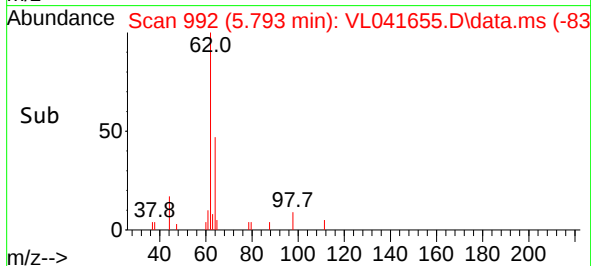
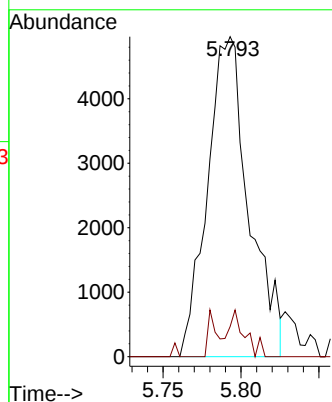
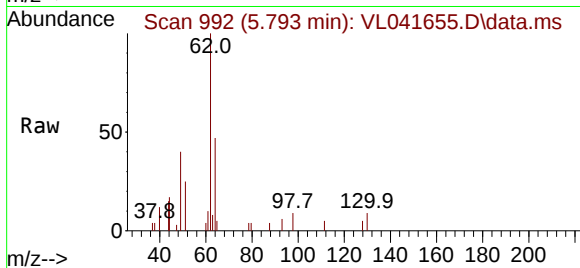
ClientSampleId :

Tgt Ion: 62 Resp: 9226

Ion Ratio Lower Upper

62 100

98 8.8 4.8 7.2#



#38

Trichloroethene

Concen: 0.038 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.003 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Tgt Ion:130 Resp: 3702

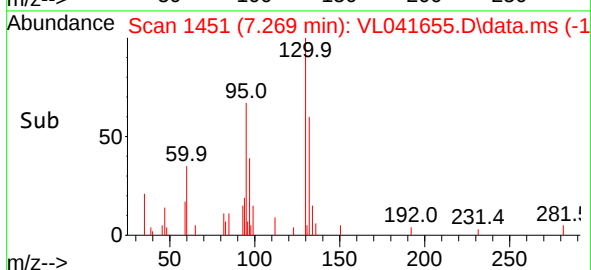
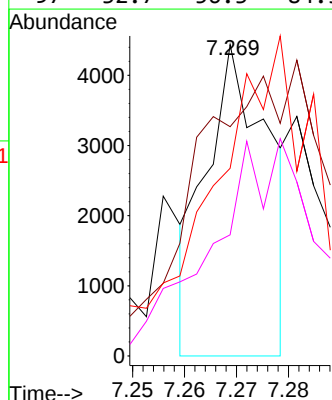
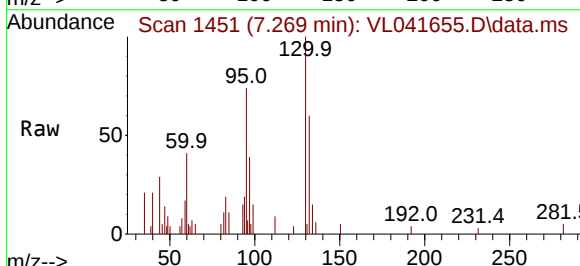
Ion Ratio Lower Upper

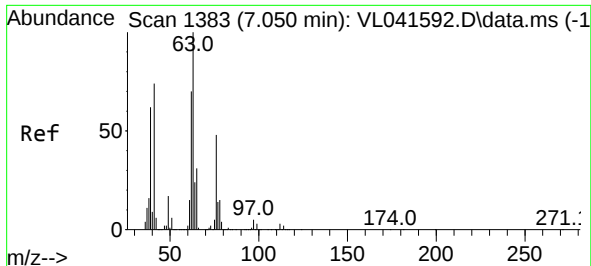
130 100

95 60.0 87.7 131.5#

132 55.5 74.5 111.7#

97 32.7 56.3 84.5#





#39

1,2-Dichloropropane

Concen: 8.707 ppbv

RT: 6.635 min Scan# 11

Delta R.T. -0.415 min

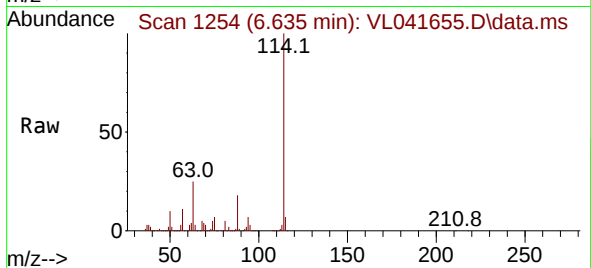
Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :



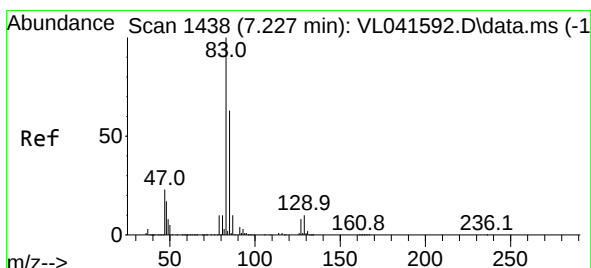
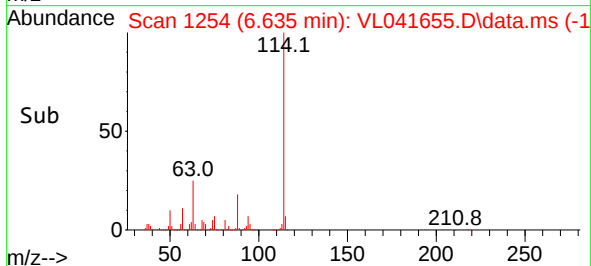
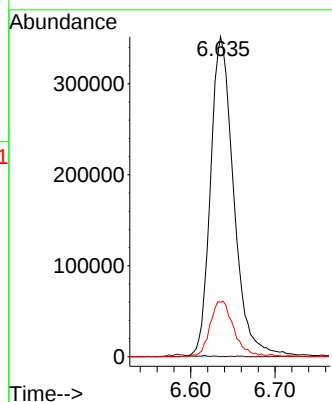
Tgt Ion: 63 Resp: 672332

Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

62 17.0 56.2 84.2#



#42

Bromodichloromethane

Concen: 0.047 ppbv

RT: 7.230 min Scan# 1439

Delta R.T. 0.003 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

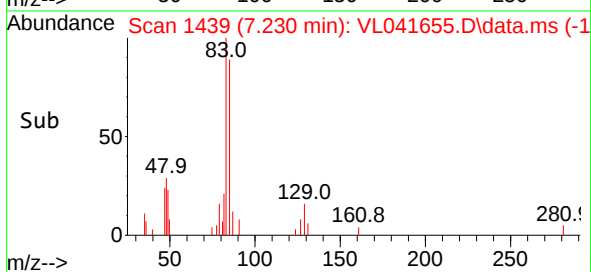
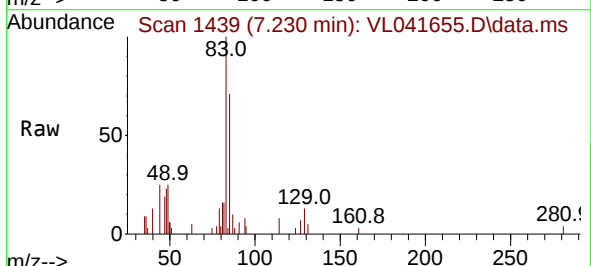
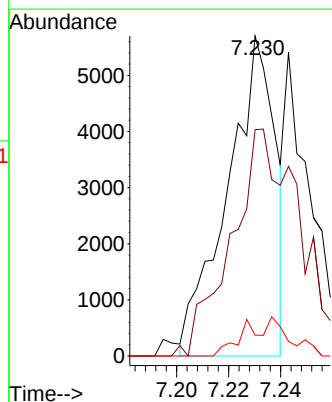
Tgt Ion: 83 Resp: 7270

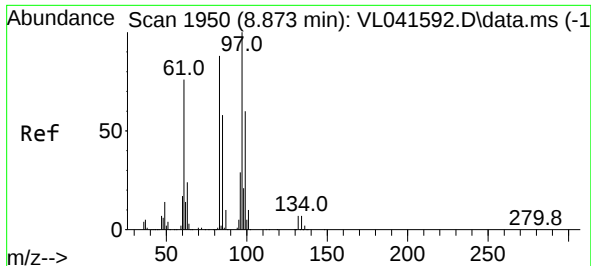
Ion Ratio Lower Upper

83 100

85 70.0 50.5 75.7

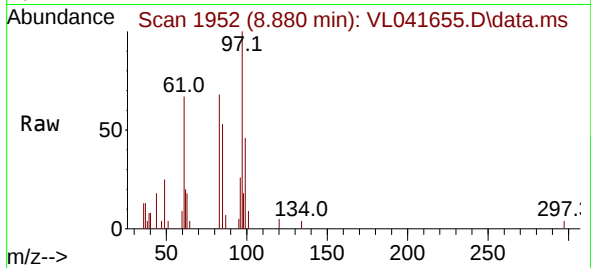
127 6.8 6.5 9.7



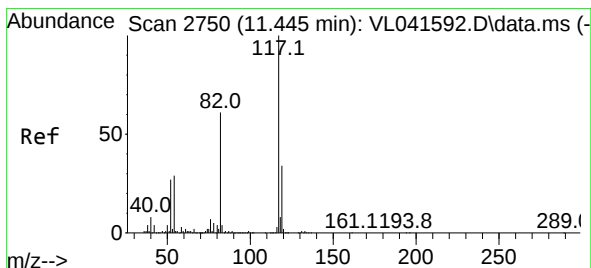
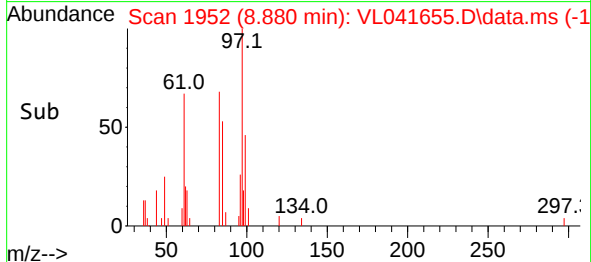
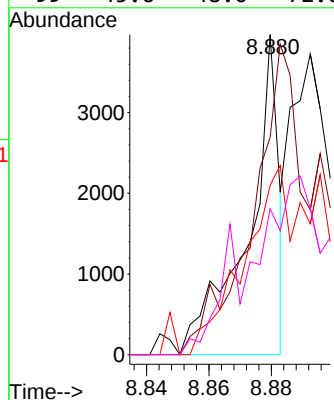


#47
1,1,2-Trichloroethane
Concen: 0.033 ppbv
RT: 8.880 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Instrument :
MSVOA_L
ClientSampleId :

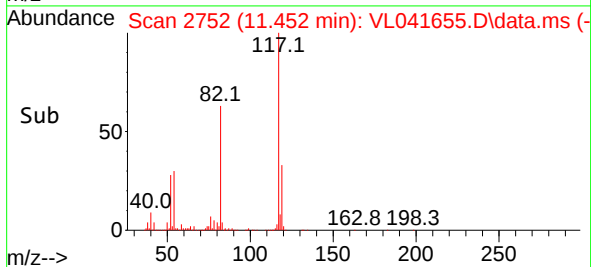
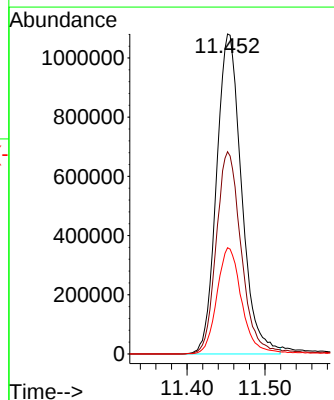
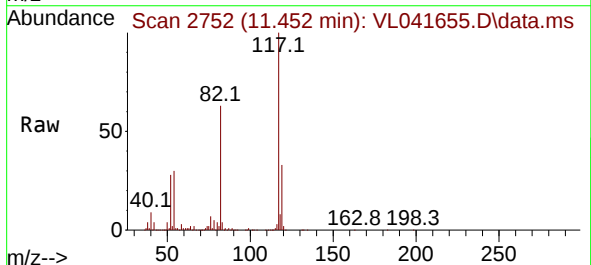


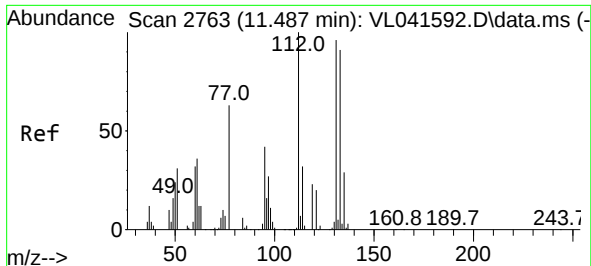
Tgt Ion: 97 Resp: 2692
Ion Ratio Lower Upper
97 100
83 67.9 70.2 105.4#
85 53.0 46.3 69.5
99 45.6 48.0 72.0#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 117 Resp: 2414445
Ion Ratio Lower Upper
117 100
82 64.5 49.4 74.2
119 33.6 24.4 36.6

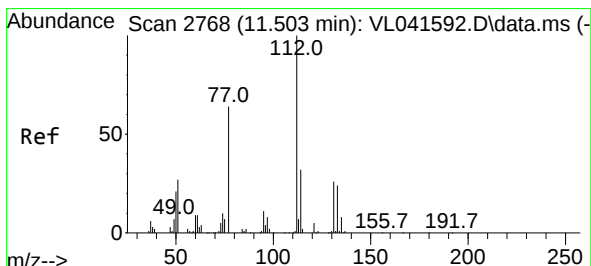
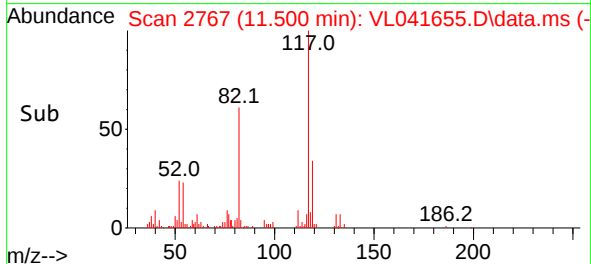
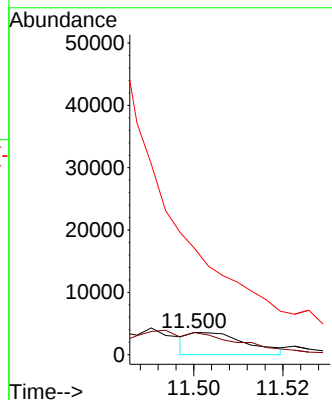
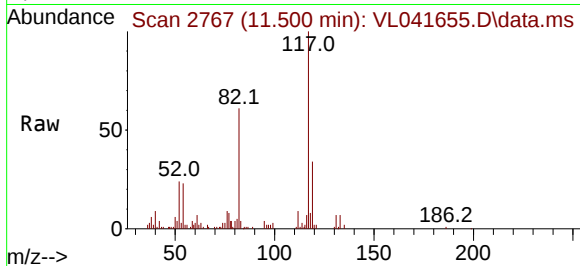




#56
1,1,1,2-Tetrachloroethane
Concen: 0.034 ppbv
RT: 11.500 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

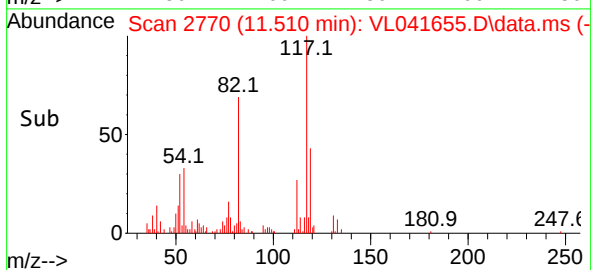
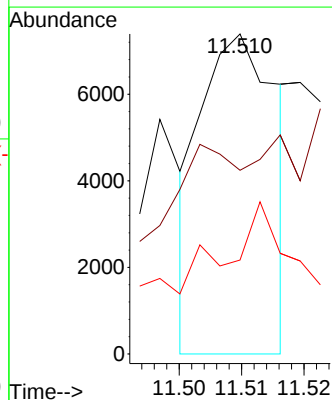
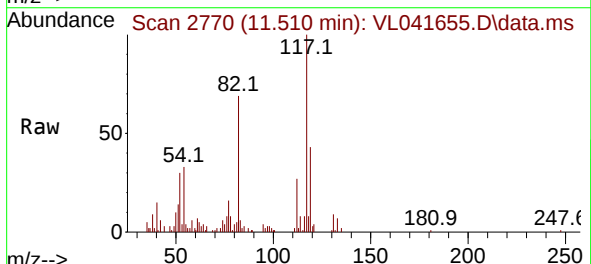
Instrument :
MSVOA_L
ClientSampleId :

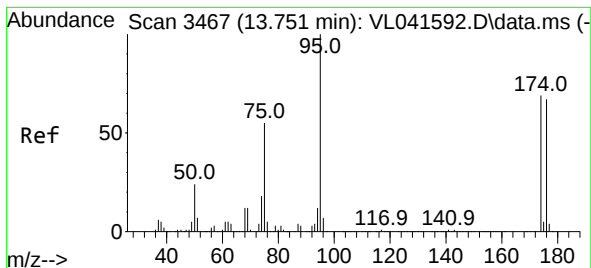
Tgt Ion:131 Resp: 3205
Ion Ratio Lower Upper
131 100
133 0.0 76.6 115.0#
119 0.0 48.5 72.7#



#57
Chlorobenzene
Concen: 0.036 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion:112 Resp: 6241
Ion Ratio Lower Upper
112 100
77 16.8 52.0 78.0#
114 7.0 28.6 35.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.197 ppbv

RT: 13.764 min Scan# 34

Delta R.T. 0.013 min

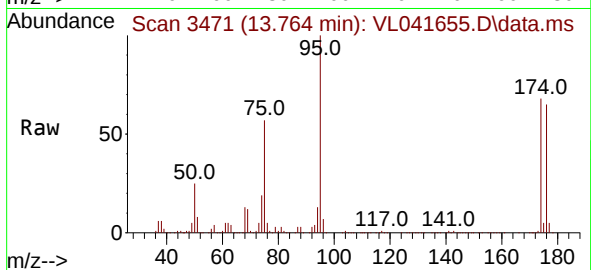
Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 1812357

Ion Ratio Lower Upper

95 100

174 70.9 55.8 83.8

175 5.1 4.1 6.1

