

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041912.D
 Acq On : 15 Jan 2025 02:23
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 15 04:26:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	129810	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	371443	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	325848	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	255145	9.941	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	2292	0.130	ppbv #	88
3) Chlorodifluoromethane	1.476	51	2395	0.129	ppbv	95
4) Chloromethane	1.535	50	1091	0.164	ppbv #	72
5) Vinyl Chloride	1.583	62	873	0.130	ppbv #	74
6) Bromomethane	1.670	94	385	0.120	ppbv #	50
7) Chloroethane	1.709	64	449	0.171	ppbv #	79
8) Dichlorotetrafluoroethane	1.557	85	1798	0.116	ppbv	89
11) Trichlorofluoromethane	1.881	101	2420	0.132	ppbv	88
12) 1,1,2-Trichlorotrifluo...	2.143	101	1703	0.118	ppbv	85
13) Ethanol	1.719	45	220	0.394	ppbv #	14
14) Bromoethene	1.787	108	746	0.141	ppbv #	67
15) Acetone	1.839	43	2968	0.190	ppbv	95
16) 1,3-Butadiene	1.612	39	1118	0.160	ppbv #	81
17) tert-Butyl alcohol	2.049	59	2364	0.123	ppbv #	94
18) 1,1-Dichloroethene	2.036	96	841	0.129	ppbv #	54
19) Isopropyl Alcohol	1.894	45	1858	0.201	ppbv #	37
20) Methylene Chloride	2.065	84	1750	0.284	ppbv #	89
21) Allyl Chloride	2.101	41	1406	0.130	ppbv #	61
22) trans-1,2-Dichloroethene	2.729	96	1121	0.153	ppbv	87
24) 1,1-Dichloroethane	2.415	63	2134	0.150	ppbv #	91
27) Carbon Disulfide	2.153	76	1894	0.115	ppbv #	73
28) Methyl tert-Butyl Ether	2.447	73	1797	0.141	ppbv #	86
29) Chloroform	2.852	83	2997	0.114	ppbv	97
31) cis-1,2-Dichloroethene	2.729	61	1900	0.109	ppbv	89
32) 1,1,1-Trichloroethane	3.379	97	2567	0.102	ppbv	94
34) 2-Butanone	2.567	43	3017	0.128	ppbv	99
35) Carbon Tetrachloride	3.765	117	2000	0.086	ppbv #	60
38) Trichloroethene	4.551	130	529	0.039	ppbv #	52
39) 1,2-Dichloropropane	3.965	63	92780	7.764	ppbv #	22
52) Tetrachloroethene	8.231	164	1254	0.106	ppbv #	56
56) 1,1,1,2-Tetrachloroethane	8.927	131	998	0.061	ppbv #	9
57) Chlorobenzene	8.930	112	3290	0.109	ppbv #	77
77) 1,2-Dichlorobenzene	11.957	146	2794	0.103	ppbv	96
78) Hexachloro-1,3-Butadiene	13.889	225	2259	0.101	ppbv #	88
80) Naphthalene,2-methyl-	14.465	142	875	0.040	ppbv #	91

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
Data File : VL041912.D
Acq On : 15 Jan 2025 02:23
Operator : SY/MD
Sample : MDL 0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

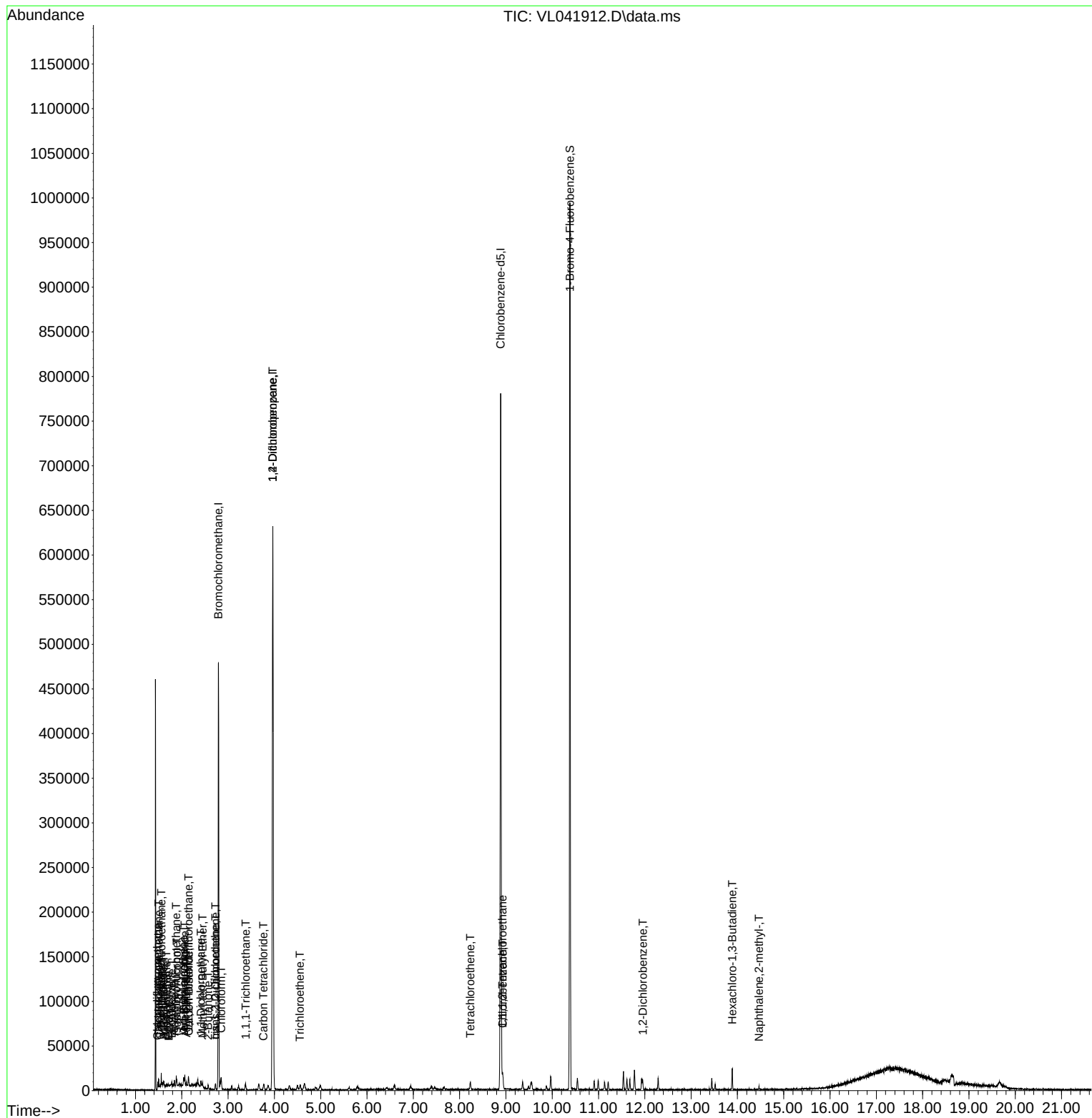
Quant Time: Jan 15 04:26:06 2025

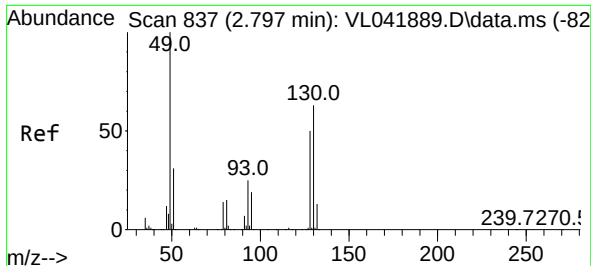
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

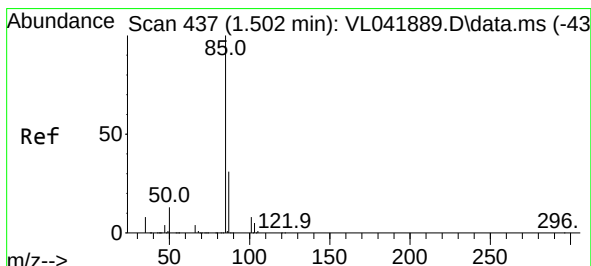
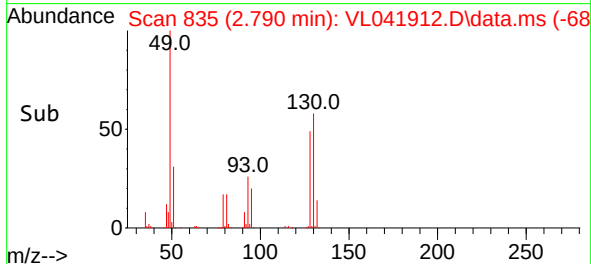
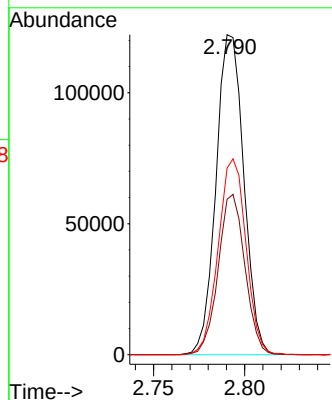
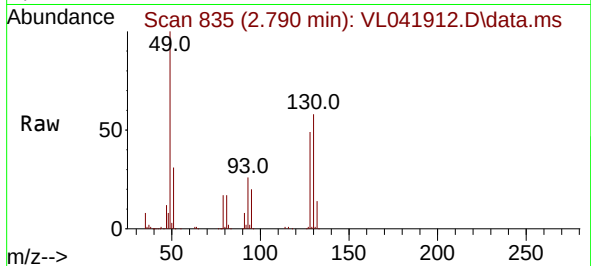




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

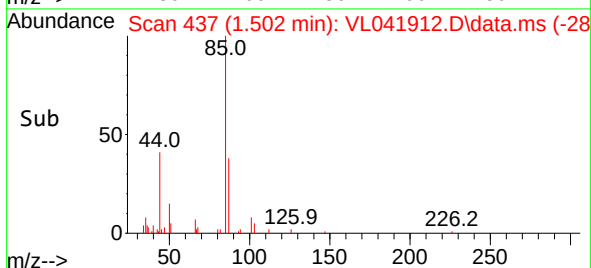
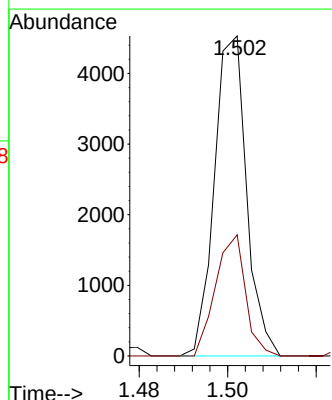
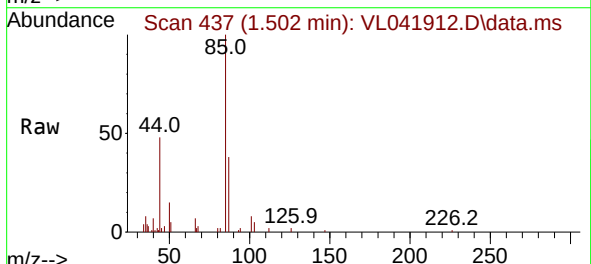
Instrument :
MSVOA_L
ClientSampleId :

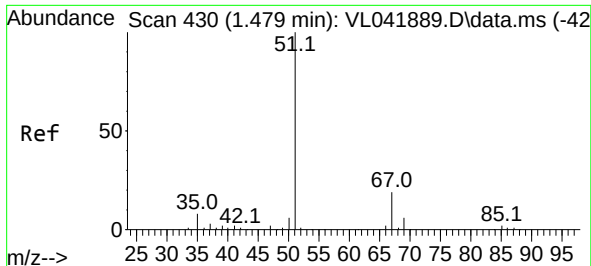
Tgt Ion: 49 Resp: 129810
Ion Ratio Lower Upper
49 100
128 48.3 24.3 73.0
130 61.2 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.130 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

Tgt Ion: 85 Resp: 2292
Ion Ratio Lower Upper
85 100
87 37.8 24.9 37.3#

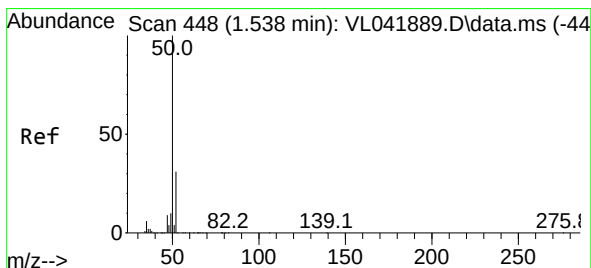
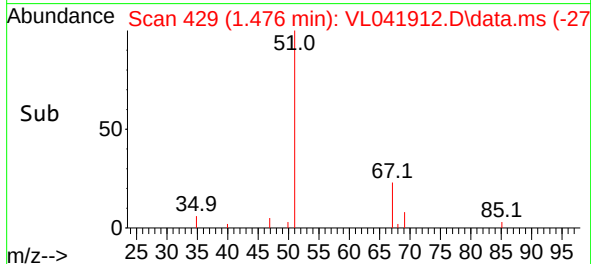
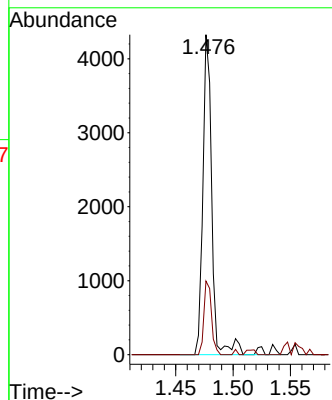
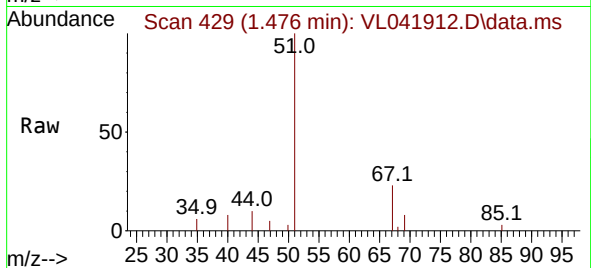




#3
Chlorodifluoromethane
Concen: 0.129 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

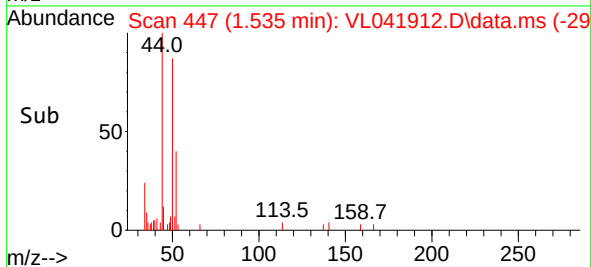
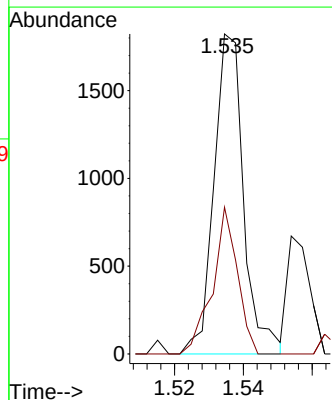
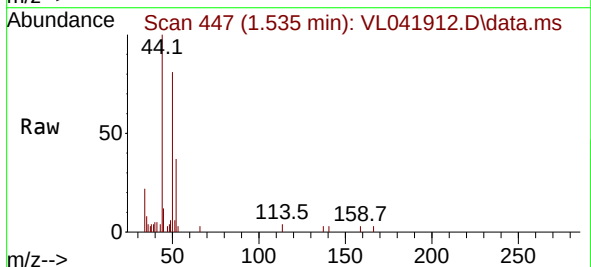
Instrument :
MSVOA_L
ClientSampleId :

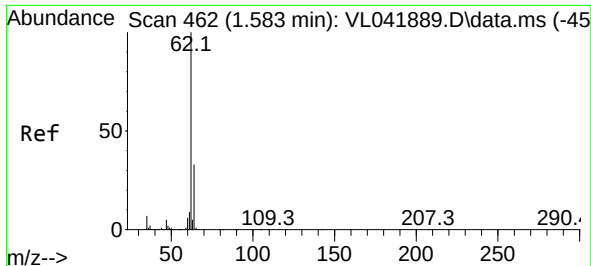
Tgt Ion: 51 Resp: 2395
Ion Ratio Lower Upper
51 100
67 21.0 15.0 22.4



#4
Chloromethane
Concen: 0.164 ppbv
RT: 1.535 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

Tgt Ion: 50 Resp: 1091
Ion Ratio Lower Upper
50 100
52 45.9 24.6 36.8#

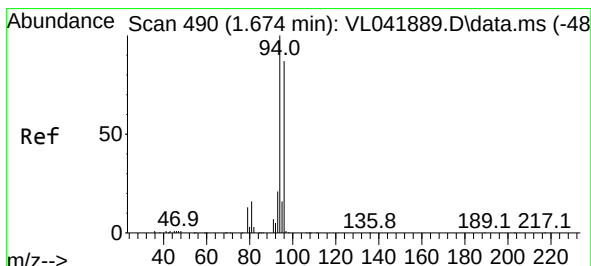
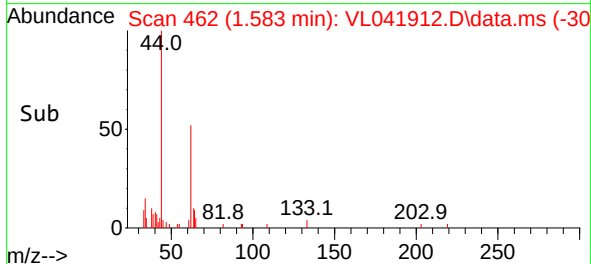
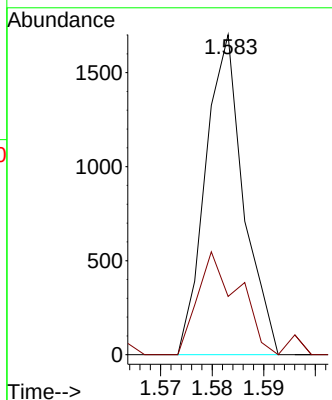
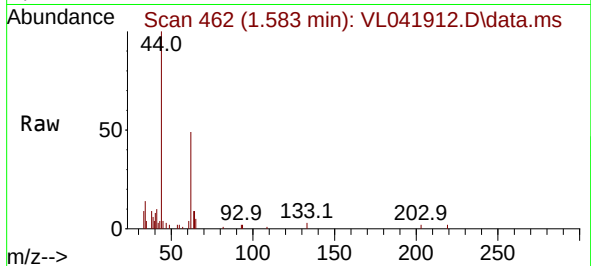




#5
 Vinyl Chloride
 Concen: 0.130 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

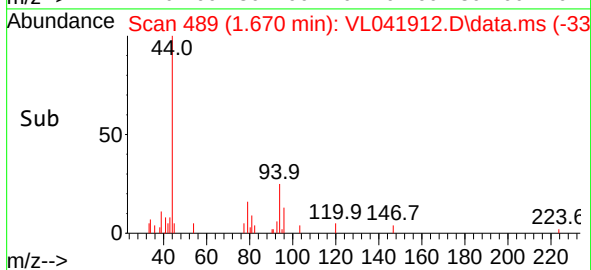
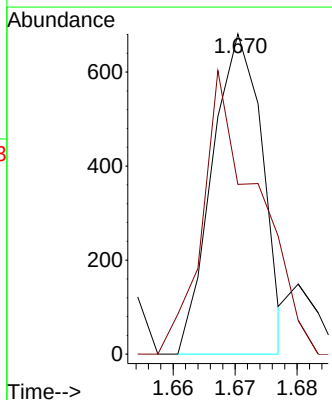
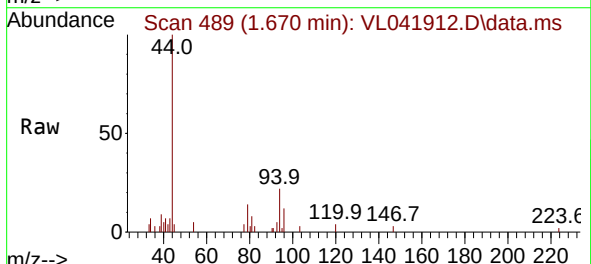
Instrument :
 MSVOA_1
 ClientSampleId :

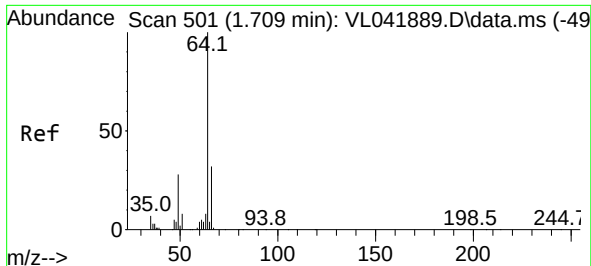
Tgt Ion: 62 Resp: 873
 Ion Ratio Lower Upper
 62 100
 64 18.2 26.1 39.1#



#6
 Bromomethane
 Concen: 0.120 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

Tgt Ion: 94 Resp: 385
 Ion Ratio Lower Upper
 94 100
 96 40.5 69.5 104.3#

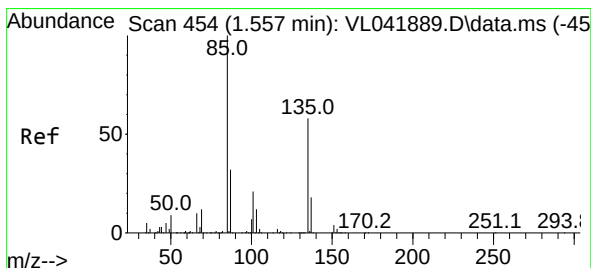
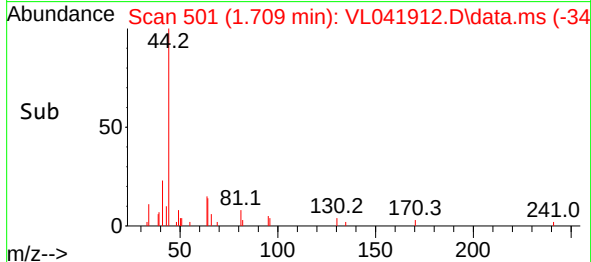
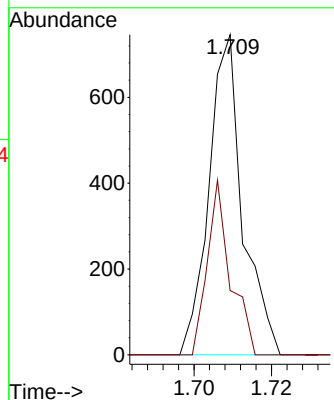
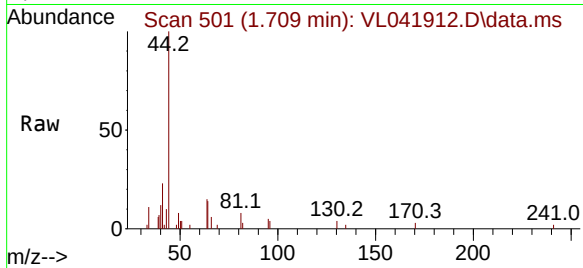




#7
Chloroethane
Concen: 0.171 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

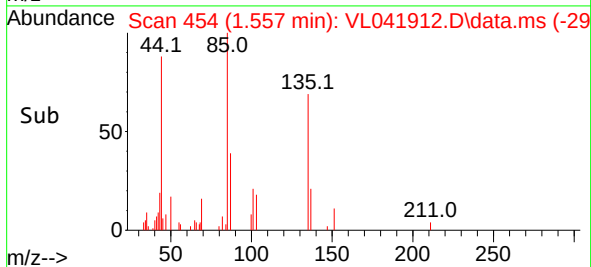
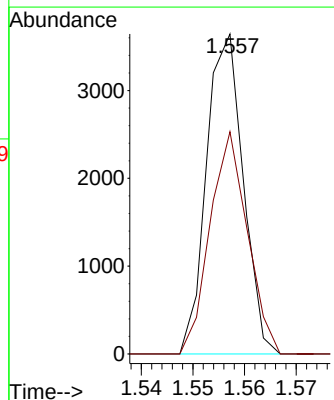
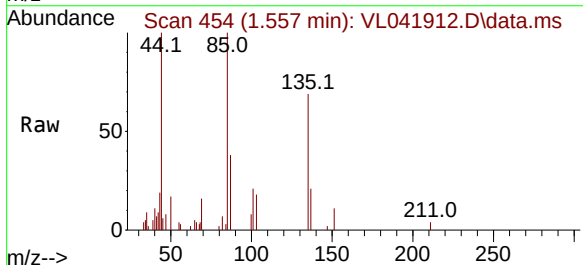
Instrument :
MSVOA_L
ClientSampleId :

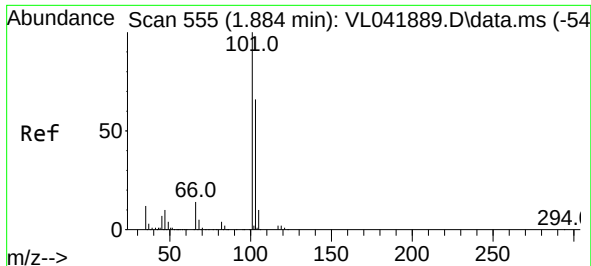
Tgt Ion: 64 Resp: 449
Ion Ratio Lower Upper
64 100
66 20.1 25.7 38.5#



#8
Dichlorotetrafluoroethane
Concen: 0.116 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

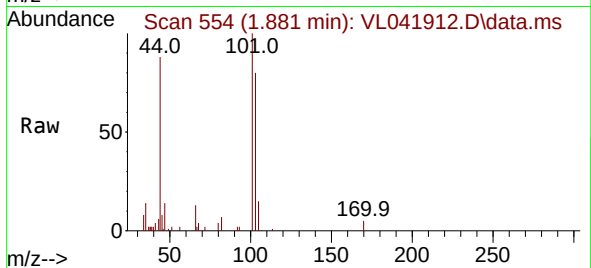
Tgt Ion: 85 Resp: 1798
Ion Ratio Lower Upper
85 100
135 70.9 50.0 75.0



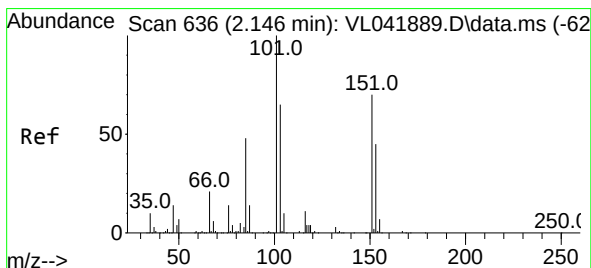
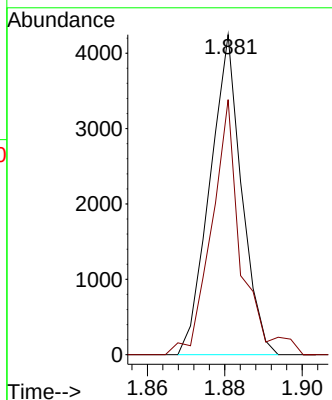
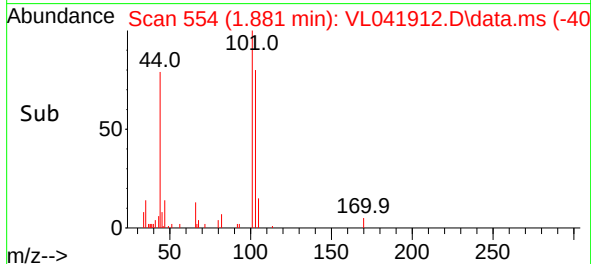


#11
 Trichlorofluoromethane
 Concen: 0.132 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

Instrument :
 MSVOA_L
 ClientSampleId :

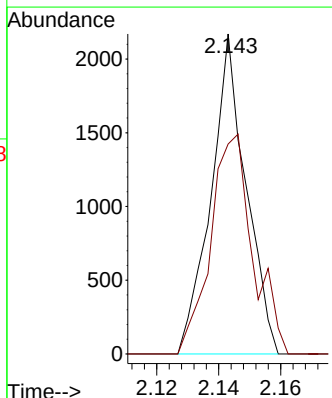
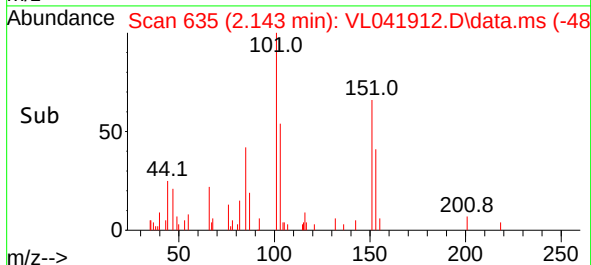
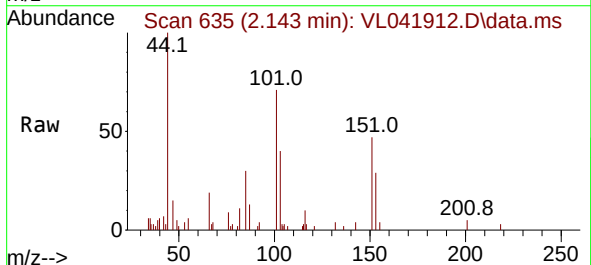


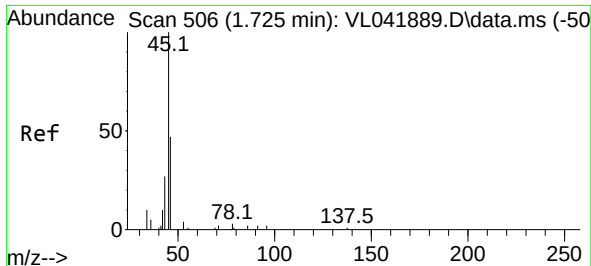
Tgt Ion:101 Resp: 2420
 Ion Ratio Lower Upper
 101 100
 103 76.0 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.118 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

Tgt Ion:101 Resp: 1703
 Ion Ratio Lower Upper
 101 100
 151 82.4 56.1 84.1

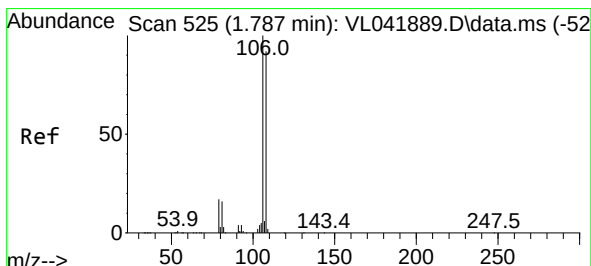
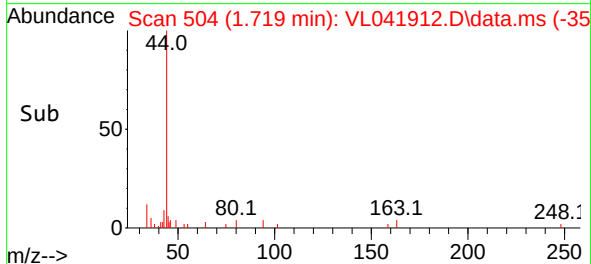
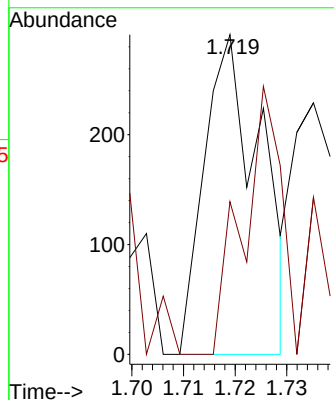
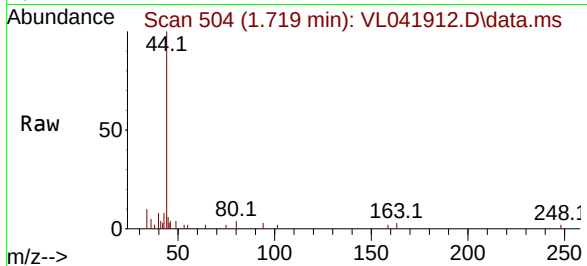




#13
Ethanol
Concen: 0.394 ppbv
RT: 1.719 min Scan# 506
Delta R.T. -0.006 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

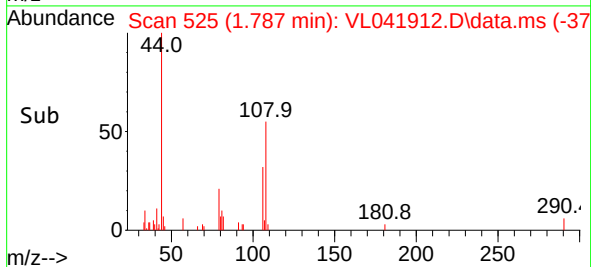
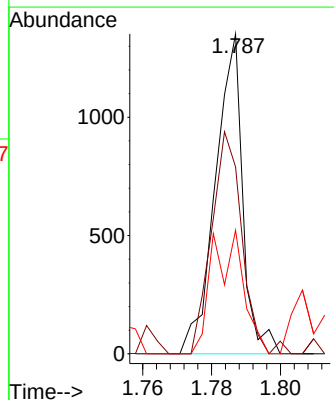
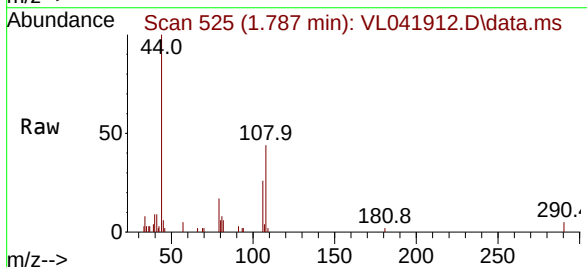
Instrument :
MSVOA_L
ClientSampleId :

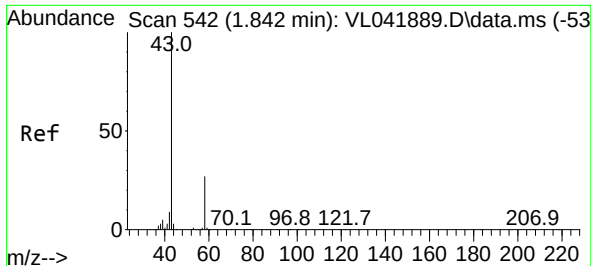
Tgt Ion: 45 Resp: 220
Ion Ratio Lower Upper
45 100
46 101.8 18.1 72.5#



#14
Bromoethene
Concen: 0.141 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

Tgt Ion:108 Resp: 746
Ion Ratio Lower Upper
108 100
106 84.9 85.5 128.3#
79 63.5 15.3 22.9#

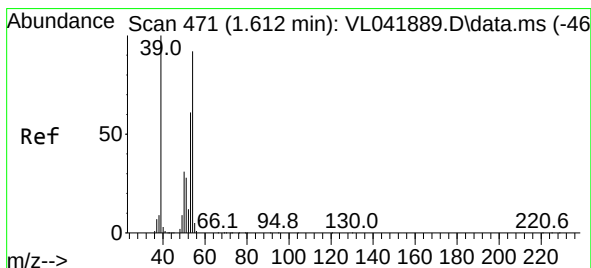
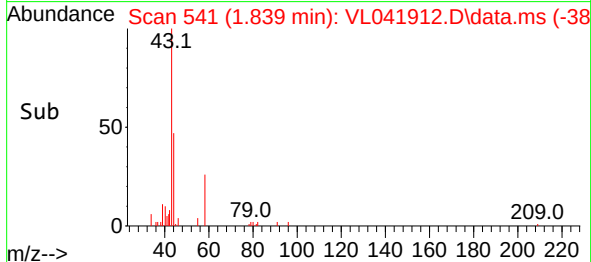
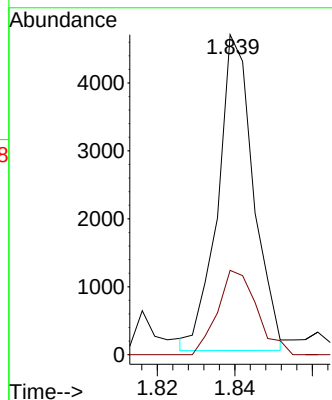
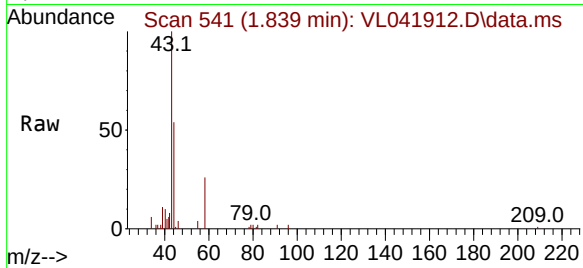




#15
Acetone
Concen: 0.190 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

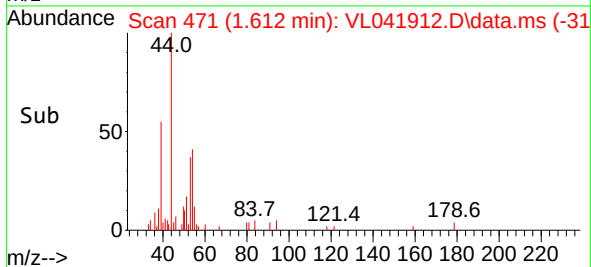
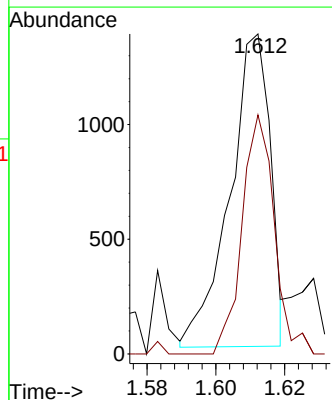
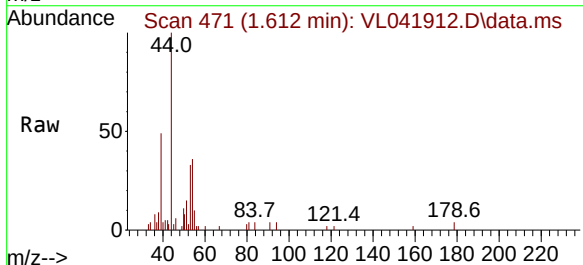
Instrument :
MSVOA_L
ClientSampleId :

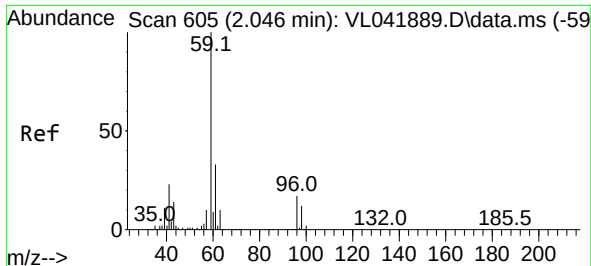
Tgt Ion: 43 Resp: 2968
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9



#16
1,3-Butadiene
Concen: 0.160 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

Tgt Ion: 39 Resp: 1118
Ion Ratio Lower Upper
39 100
54 60.6 61.6 92.4#





#17

tert-Butyl alcohol

Concen: 0.123 ppbv

RT: 2.049 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL041912.D

Acq: 15 Jan 2025 02:23

Instrument :

MSVOA_L

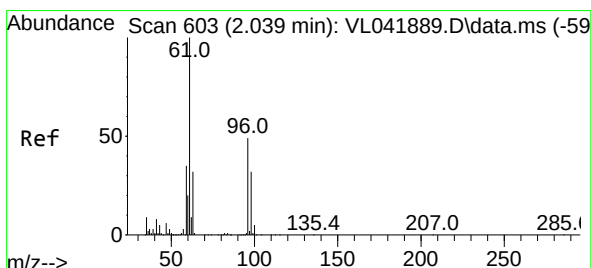
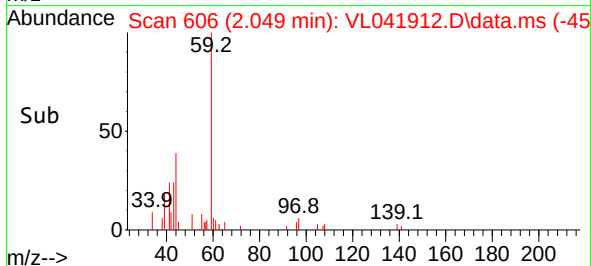
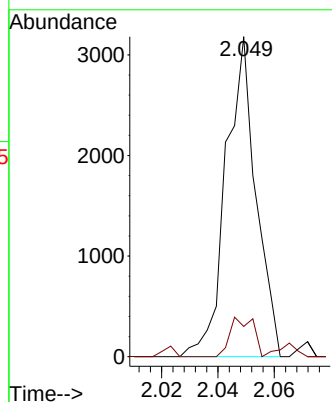
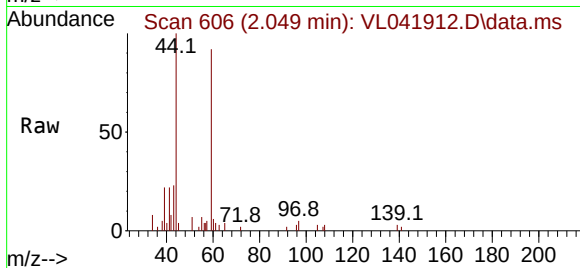
ClientSampleId :

Tgt Ion: 59 Resp: 2364

Ion Ratio Lower Upper

59 100

57 12.1 7.8 11.8#



#18

1,1-Dichloroethene

Concen: 0.129 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.003 min

Lab File: VL041912.D

Acq: 15 Jan 2025 02:23

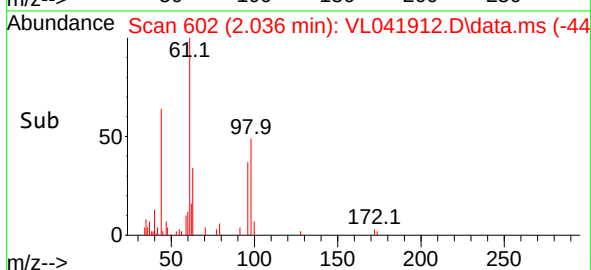
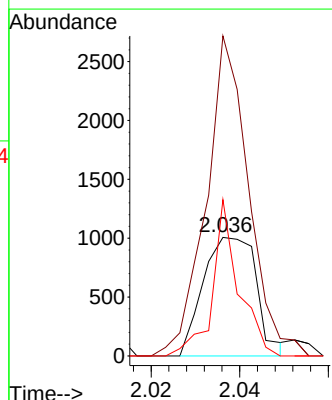
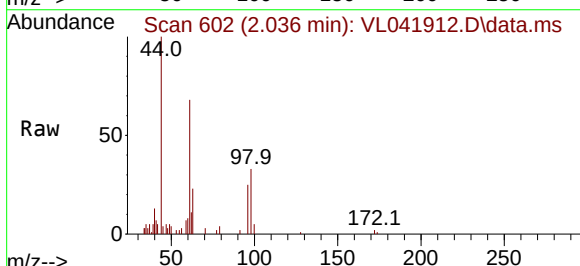
Tgt Ion: 96 Resp: 841

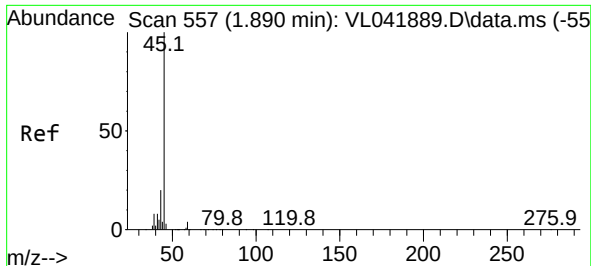
Ion Ratio Lower Upper

96 100

61 255.2 163.1 244.7#

98 131.8 52.7 79.1#

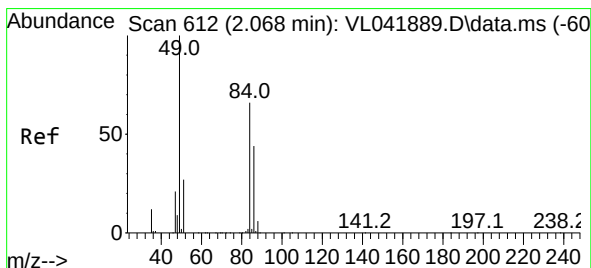
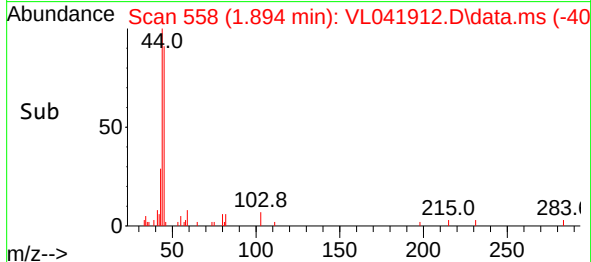
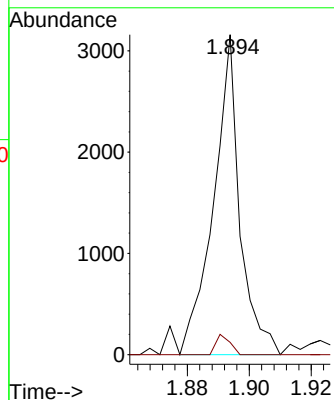
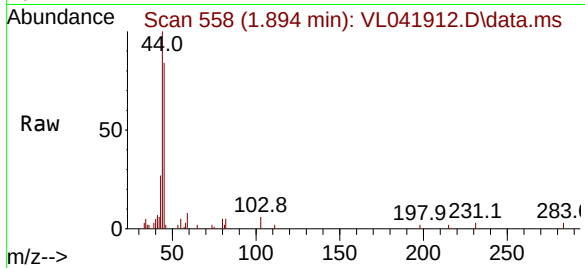




#19
Isopropyl Alcohol
Concen: 0.201 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

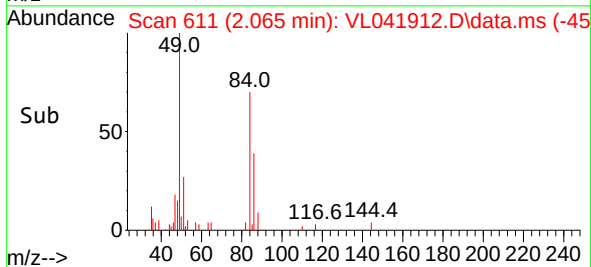
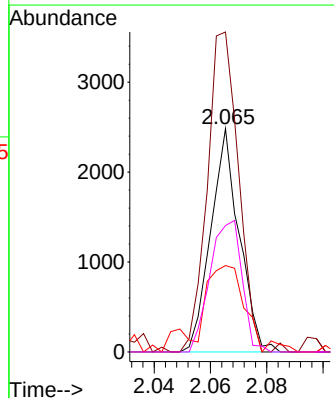
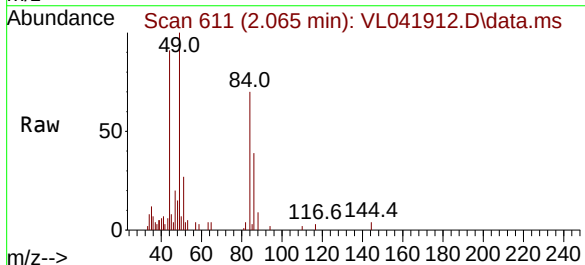
Instrument :
MSVOA_L
ClientSampleId :

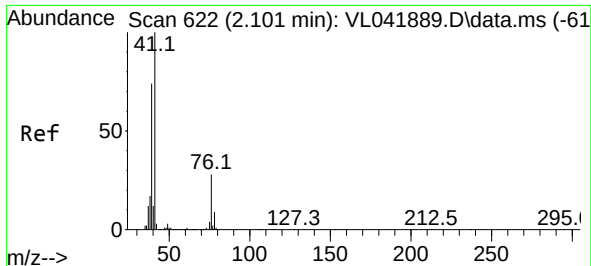
Tgt Ion: 45 Resp: 1858
Ion Ratio Lower Upper
45 100
58 3.3 35.0 52.6#



#20
Methylene Chloride
Concen: 0.284 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

Tgt Ion: 84 Resp: 1750
Ion Ratio Lower Upper
84 100
49 143.3 123.1 184.7
51 35.4 35.8 53.8#
86 56.6 53.7 80.5

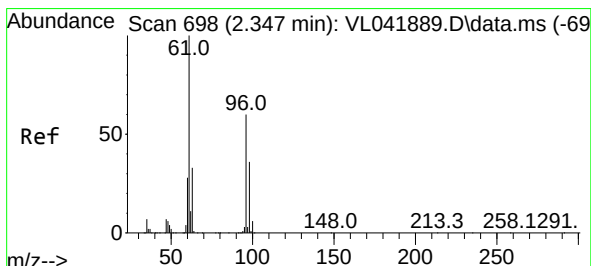
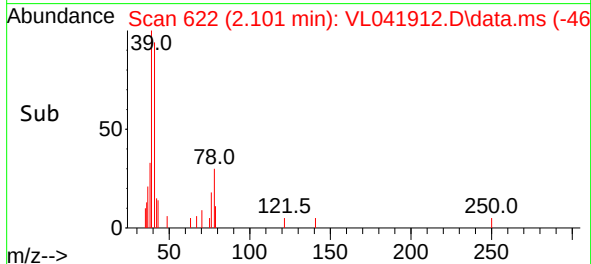
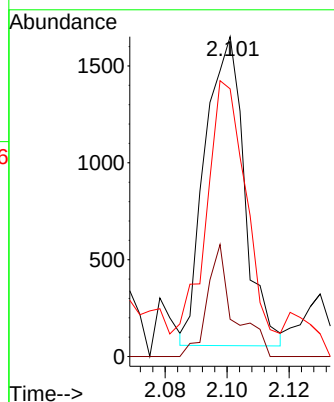
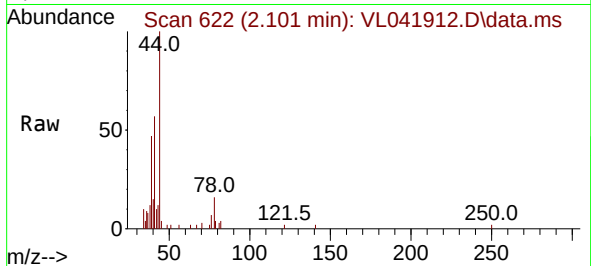




#21
 Allyl Chloride
 Concen: 0.130 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

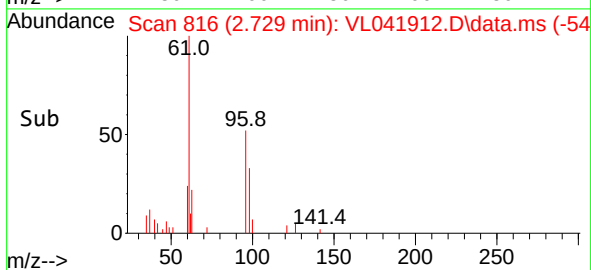
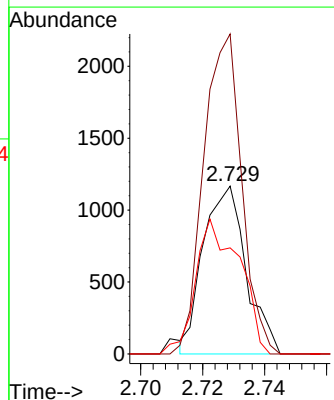
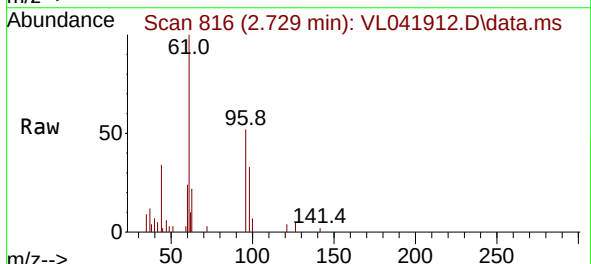
Instrument :
 MSVOA_L
 ClientSampleId :

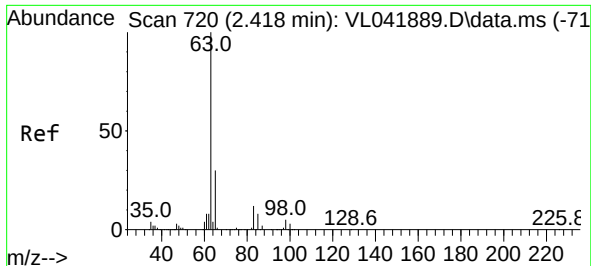
Tgt Ion: 41 Resp: 1406
 Ion Ratio Lower Upper
 41 100
 76 24.6 24.2 36.4
 39 119.0 60.6 91.0#



#22
 trans-1,2-Dichloroethene
 Concen: 0.153 ppbv
 RT: 2.729 min Scan# 816
 Delta R.T. 0.382 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

Tgt Ion: 96 Resp: 1121
 Ion Ratio Lower Upper
 96 100
 61 190.7 134.5 201.7
 98 63.2 48.9 73.3

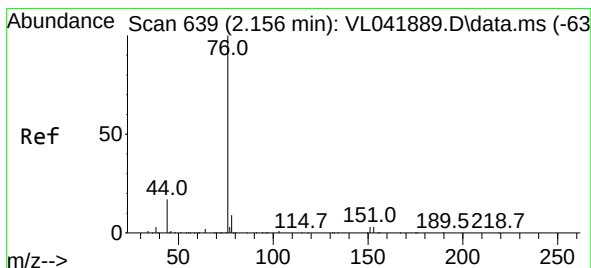
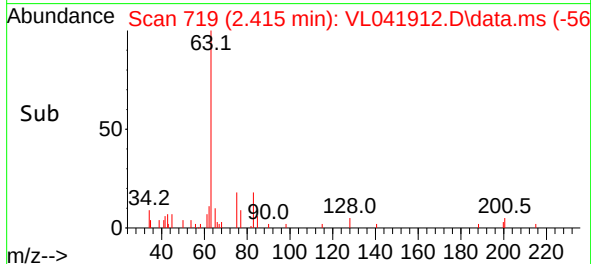
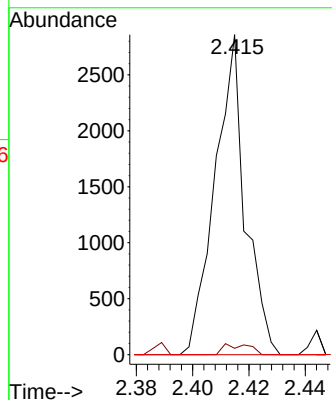
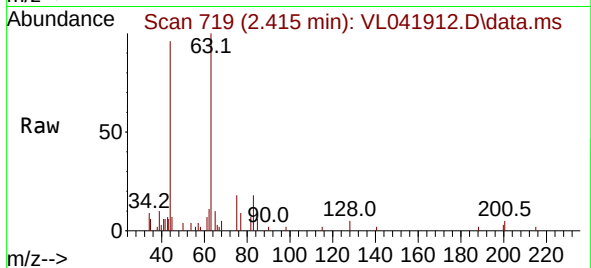




#24
 1,1-Dichloroethane
 Concen: 0.150 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

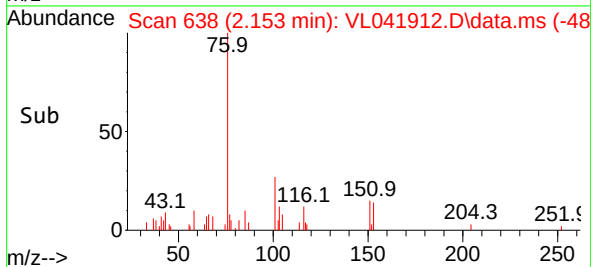
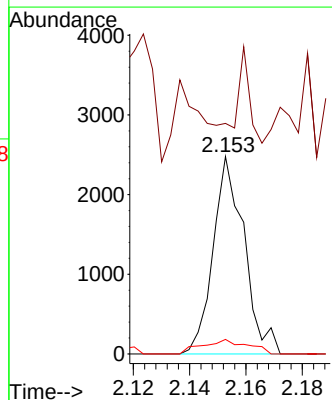
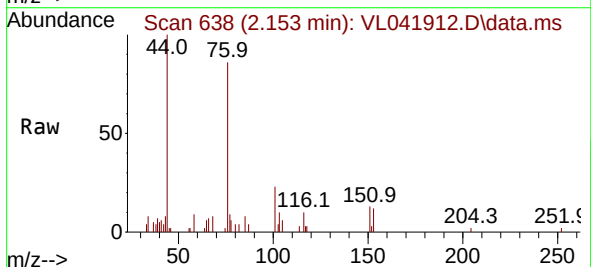
Instrument :
 MSVOA_L
 ClientSampleId :

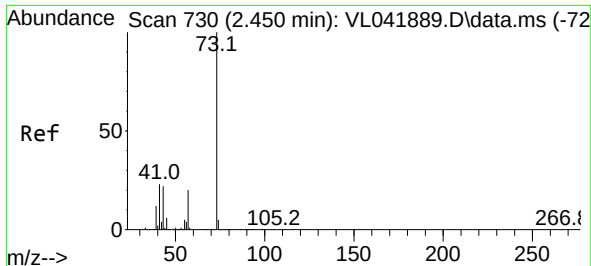
Tgt Ion: 63 Resp: 2134
 Ion Ratio Lower Upper
 63 100
 98 2.0 2.6 7.8#
 100 0.0 1.4 4.2#



#27
 Carbon Disulfide
 Concen: 0.115 ppbv
 RT: 2.153 min Scan# 638
 Delta R.T. -0.003 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

Tgt Ion: 76 Resp: 1894
 Ion Ratio Lower Upper
 76 100
 44 0.0 15.4 23.0#
 78 10.7 9.3 13.9

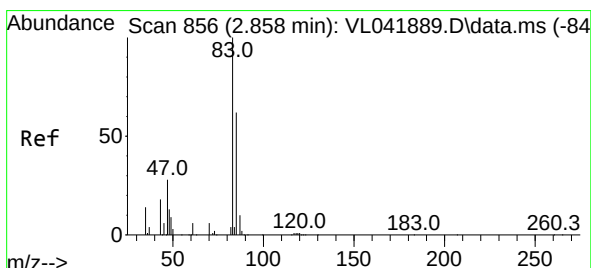
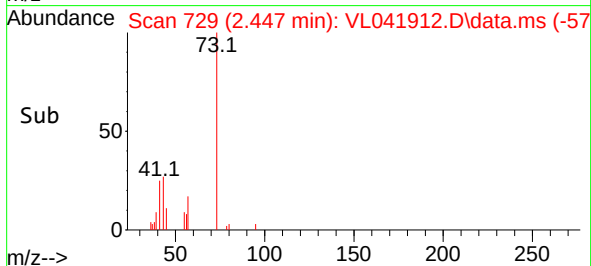
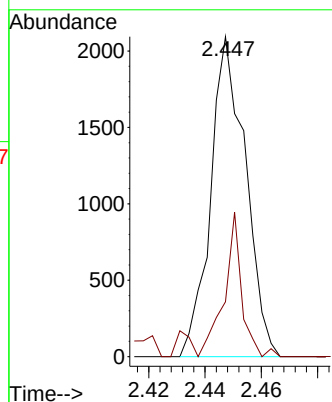
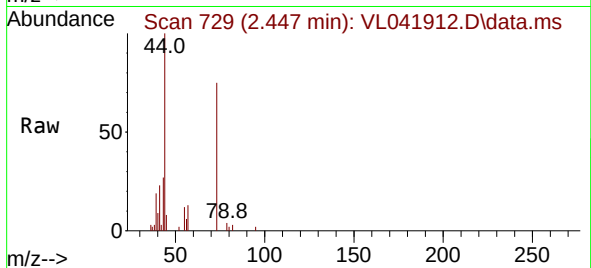




#28
Methyl tert-Butyl Ether
Concen: 0.141 ppbv
RT: 2.447 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

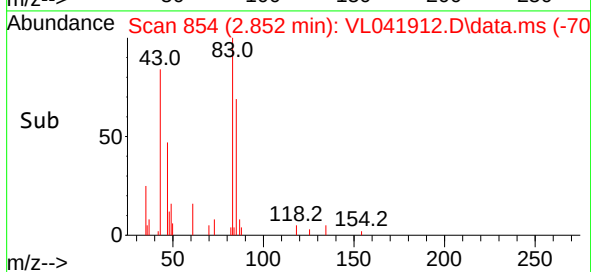
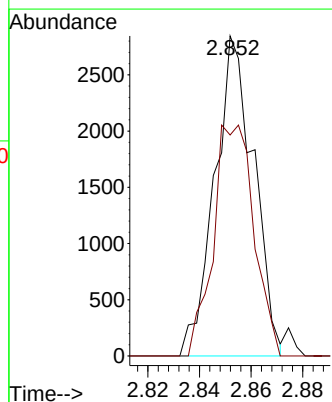
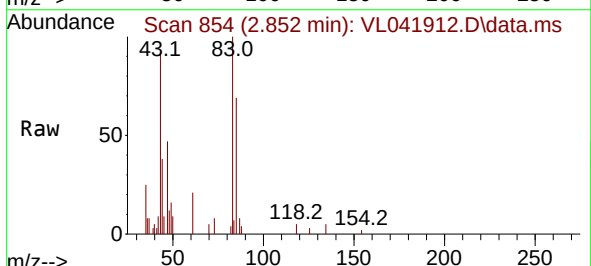
Instrument :
MSVOA_L
ClientSampleId :

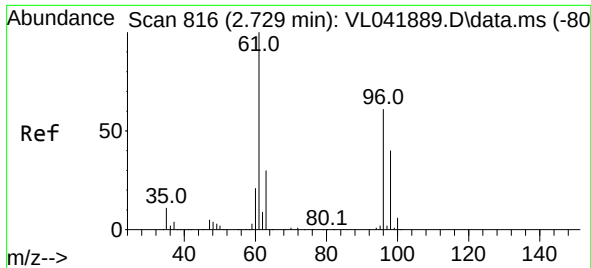
Tgt Ion: 73 Resp: 1797
Ion Ratio Lower Upper
73 100
57 29.5 18.1 27.1#



#29
Chloroform
Concen: 0.114 ppbv
RT: 2.852 min Scan# 854
Delta R.T. -0.006 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

Tgt Ion: 83 Resp: 2997
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1

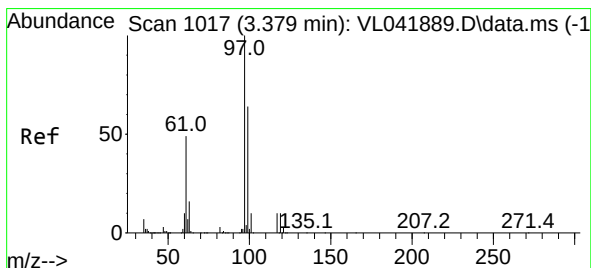
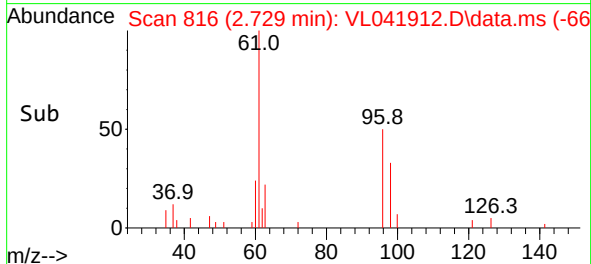
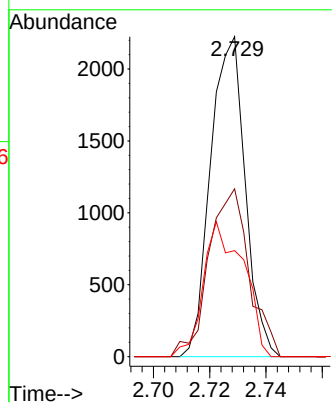
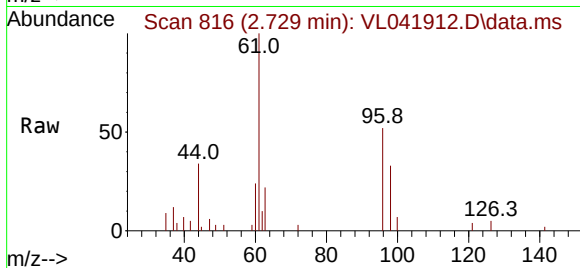




#31
 cis-1,2-Dichloroethene
 Concen: 0.109 ppbv
 RT: 2.729 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

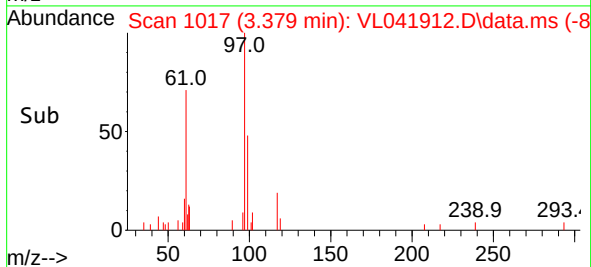
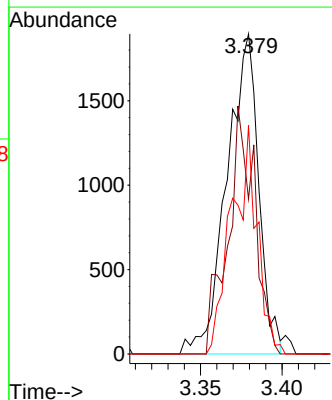
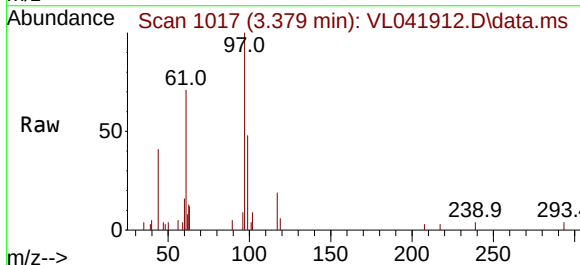
Instrument :
 MSVOA_L
 ClientSampleId :

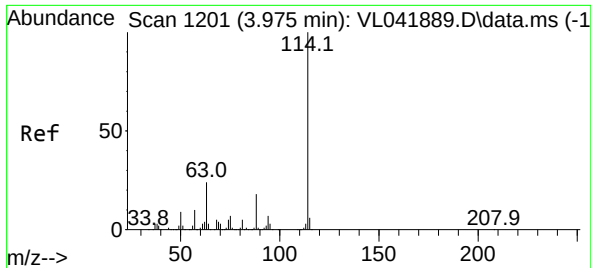
Tgt Ion: 61 Resp: 1900
 Ion Ratio Lower Upper
 61 100
 96 52.4 48.7 73.1
 98 33.1 31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 0.102 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.000 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

Tgt Ion: 97 Resp: 2567
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.1 76.7
 61 57.1 39.0 58.6

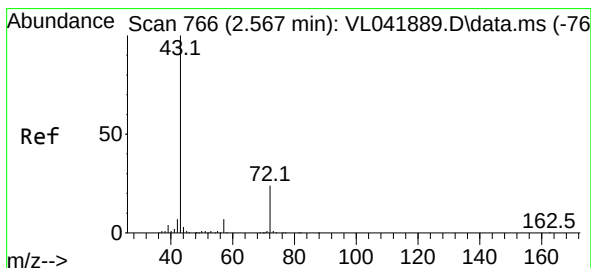
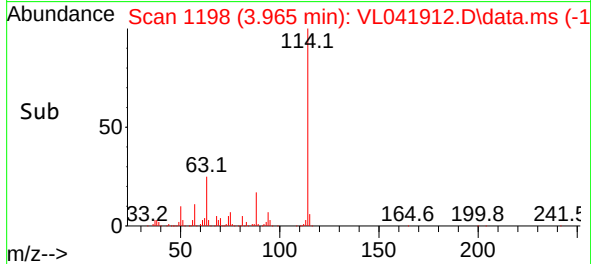
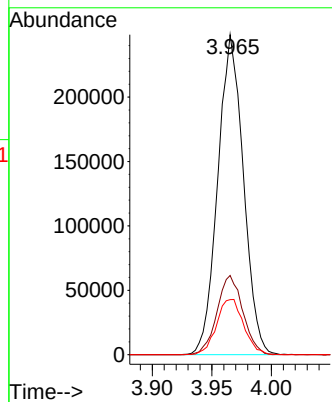
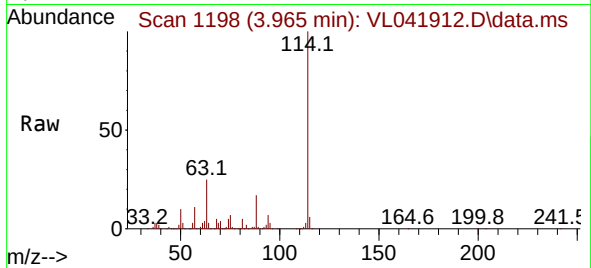




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.965 min Scan# 1198
 Delta R.T. -0.010 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

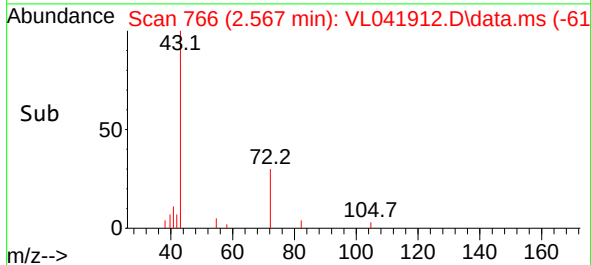
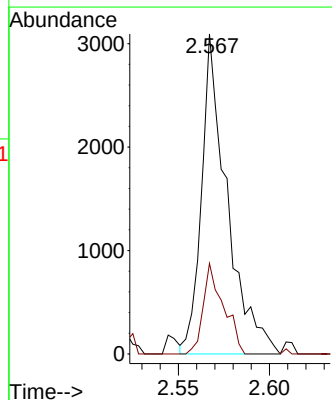
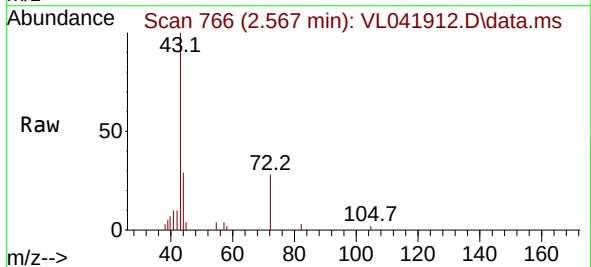
Instrument :
 MSVOA_L
 ClientSampleId :

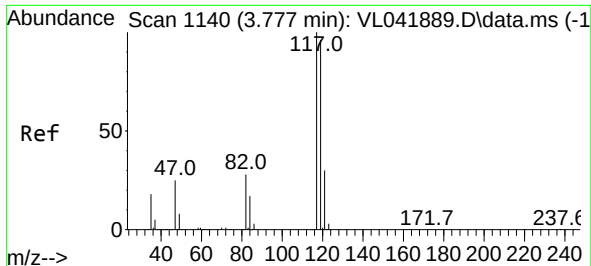
Tgt Ion:114 Resp: 371443
 Ion Ratio Lower Upper
 114 100
 63 25.0 19.8 29.6
 88 18.3 14.4 21.6



#34
 2-Butanone
 Concen: 0.128 ppbv
 RT: 2.567 min Scan# 766
 Delta R.T. 0.000 min
 Lab File: VL041912.D
 Acq: 15 Jan 2025 02:23

Tgt Ion: 43 Resp: 3017
 Ion Ratio Lower Upper
 43 100
 72 22.6 18.6 28.0

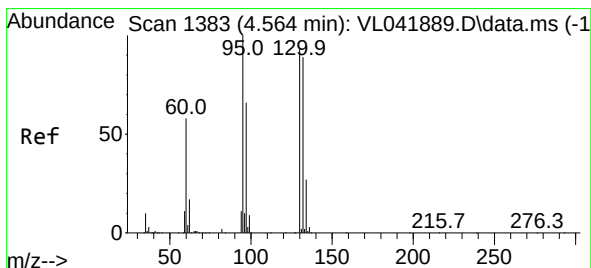
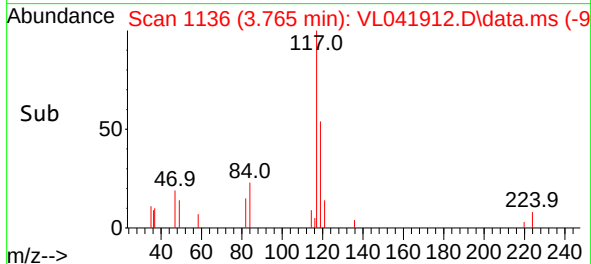
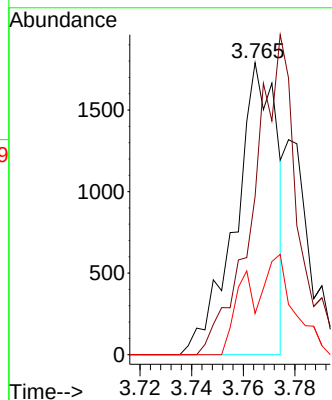
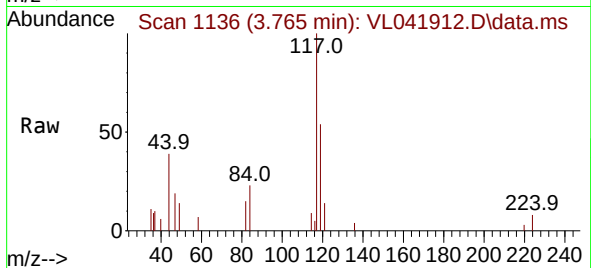




#35
Carbon Tetrachloride
Concen: 0.086 ppbv
RT: 3.765 min Scan# 1136
Delta R.T. -0.013 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

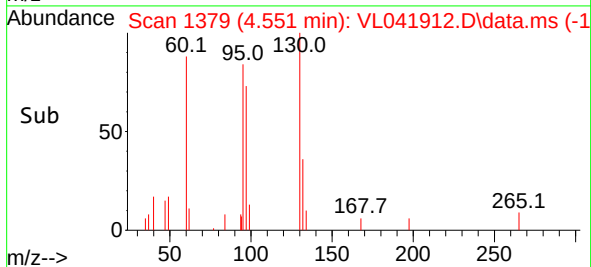
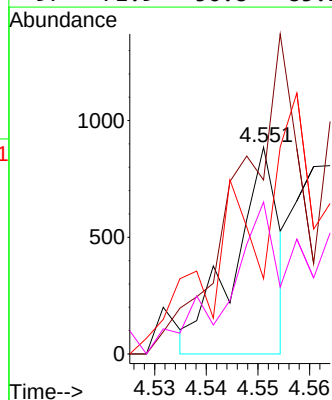
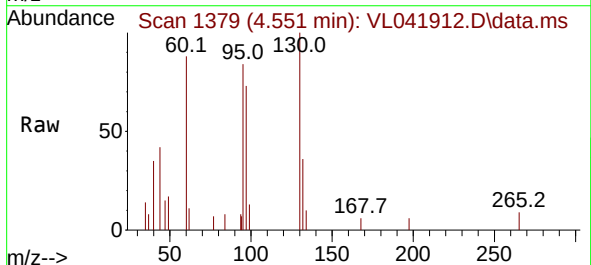
Instrument :
MSVOA_L
ClientSampleId :

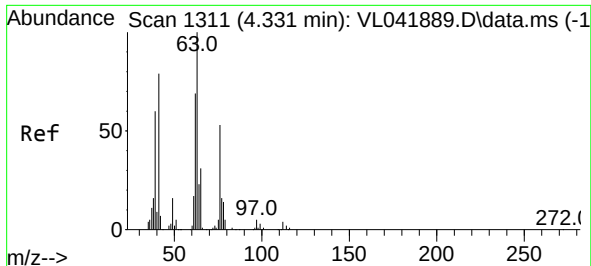
Tgt Ion:117 Resp: 2000
Ion Ratio Lower Upper
117 100
119 54.1 76.9 115.3#
121 14.1 23.8 35.6#



#38
Trichloroethene
Concen: 0.039 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.013 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

Tgt Ion:130 Resp: 529
Ion Ratio Lower Upper
130 100
95 70.2 85.8 128.8#
132 0.0 76.5 114.7#
97 71.9 56.8 85.2





#39

1,2-Dichloropropane

Concen: 7.764 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.366 min

Lab File: VL041912.D

Acq: 15 Jan 2025 02:23

Instrument :

MSVOA_L

ClientSampleId :

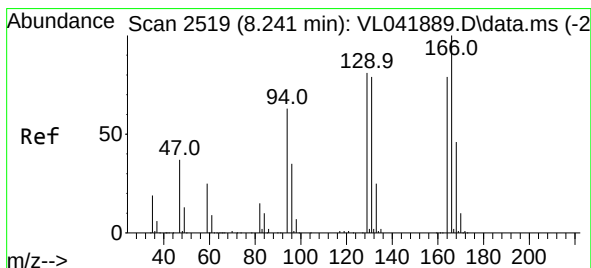
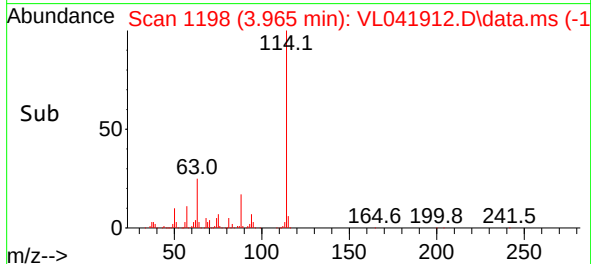
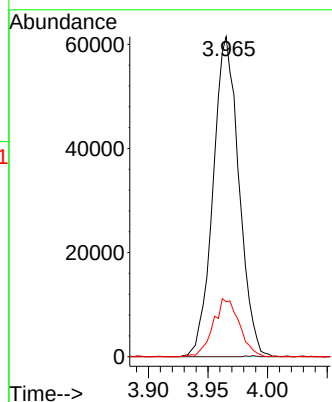
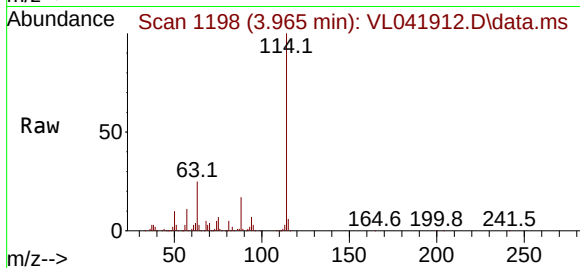
Tgt Ion: 63 Resp: 92780

Ion Ratio Lower Upper

63 100

41 0.0 63.7 95.5#

62 17.2 55.4 83.2#



#52

Tetrachloroethene

Concen: 0.106 ppbv

RT: 8.231 min Scan# 2516

Delta R.T. -0.010 min

Lab File: VL041912.D

Acq: 15 Jan 2025 02:23

Tgt Ion:164 Resp: 1254

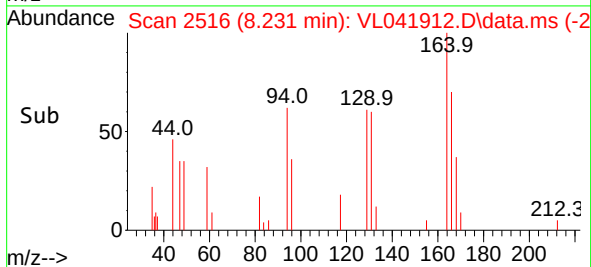
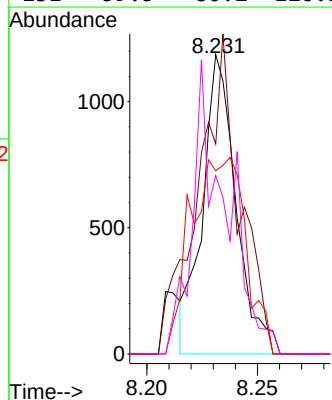
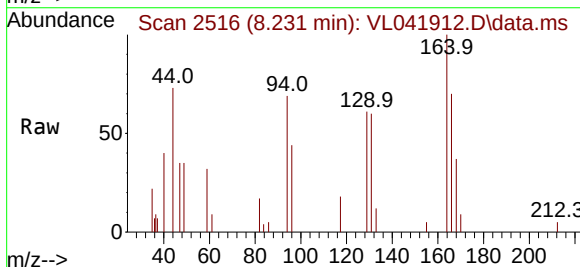
Ion Ratio Lower Upper

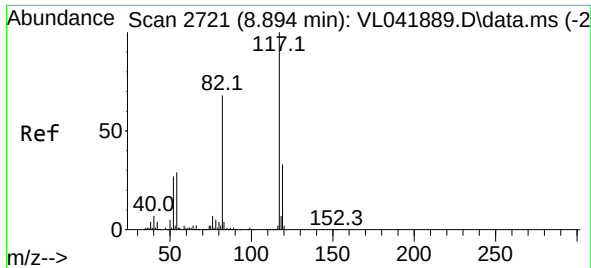
164 100

166 70.2 100.8 151.2#

129 61.2 82.0 123.0#

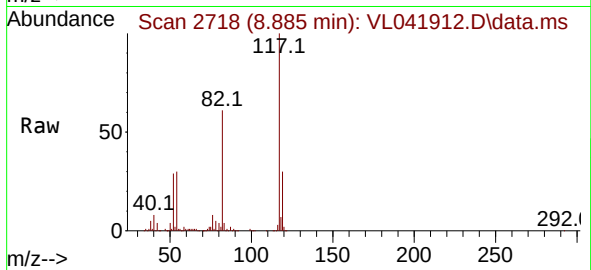
131 59.5 80.2 120.2#



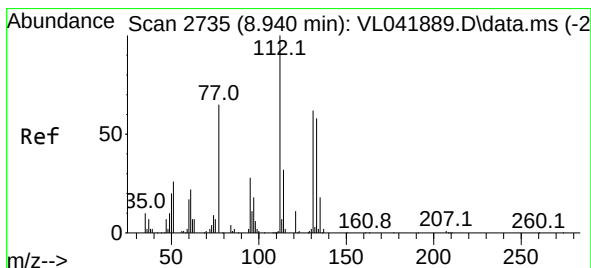
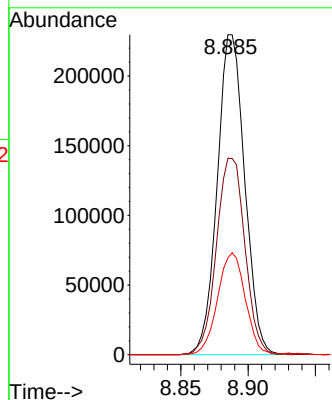
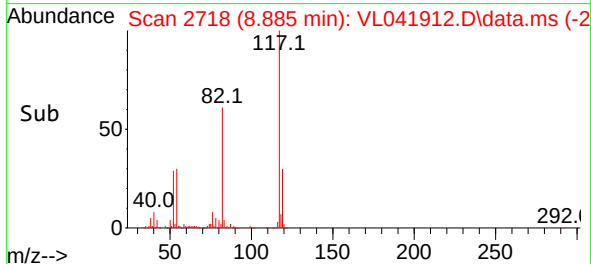


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. -0.010 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

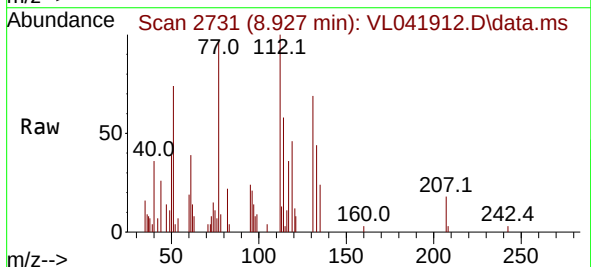
Instrument :
MSVOA_L
ClientSampleId :



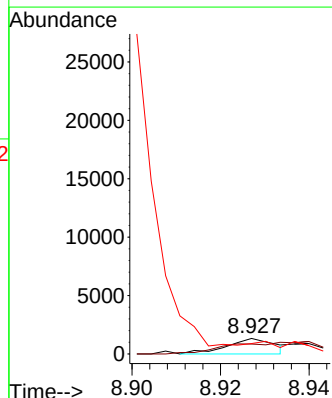
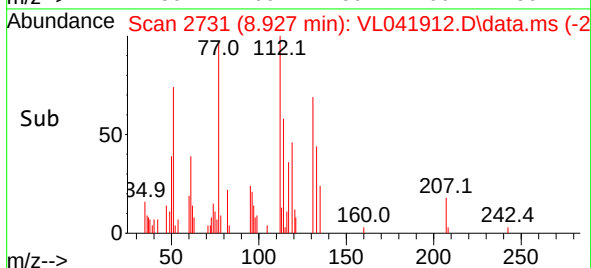
Tgt Ion:117 Resp: 325848
Ion Ratio Lower Upper
117 100
82 63.8 54.2 81.4
119 32.4 25.0 37.6

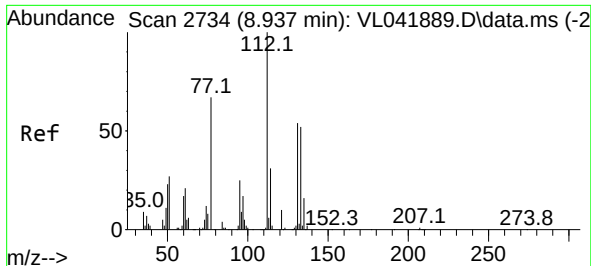


#56
1,1,1,2-Tetrachloroethane
Concen: 0.061 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.013 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23



Tgt Ion:131 Resp: 998
Ion Ratio Lower Upper
131 100
133 0.0 76.0 114.0#
119 0.0 49.7 74.5#

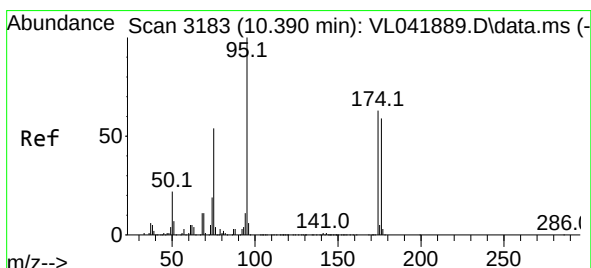
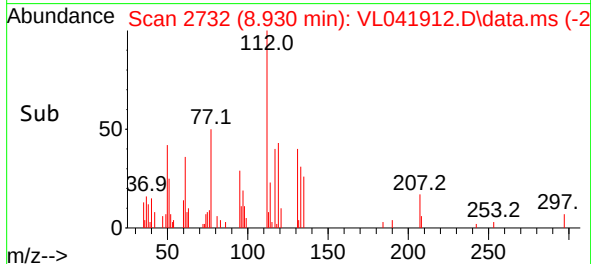
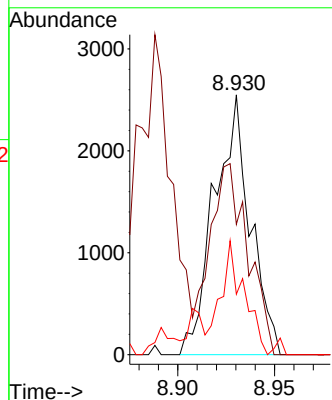
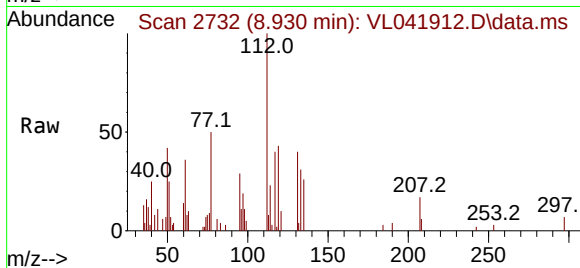




#57
Chlorobenzene
Concen: 0.109 ppbv
RT: 8.930 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

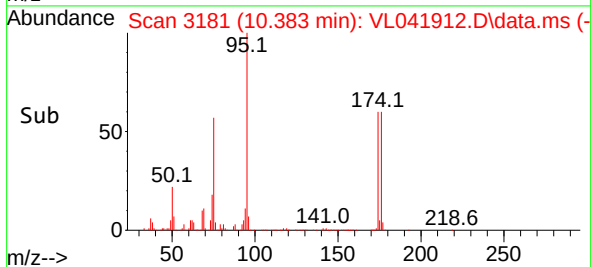
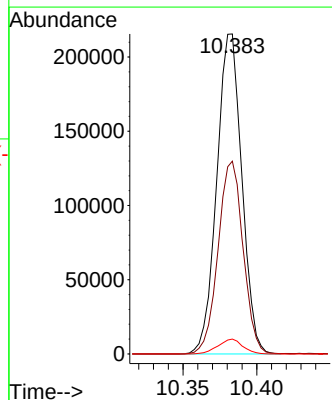
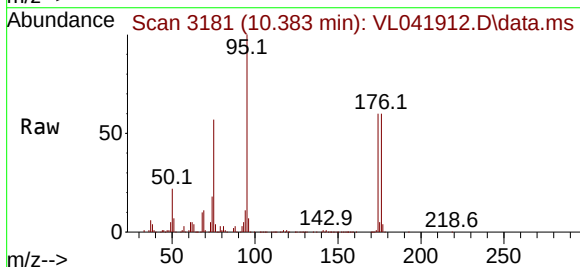
Instrument :
MSVOA_L
ClientSampleId :

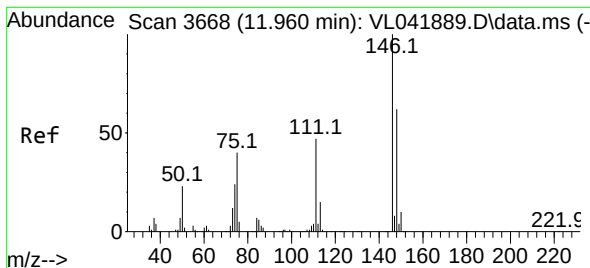
Tgt Ion:112 Resp: 3290
Ion Ratio Lower Upper
112 100
77 50.2 54.6 82.0#
114 17.9 28.2 34.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.941 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. -0.006 min
Lab File: VL041912.D
Acq: 15 Jan 2025 02:23

Tgt Ion: 95 Resp: 255145
Ion Ratio Lower Upper
95 100
174 60.0 49.0 73.4
175 4.6 3.8 5.8





#77

1,2-Dichlorobenzene

Concen: 0.103 ppbv

RT: 11.957 min Scan# 3667

Delta R.T. -0.003 min

Lab File: VL041912.D

Acq: 15 Jan 2025 02:23

Instrument :

MSVOA_L

ClientSampleId :

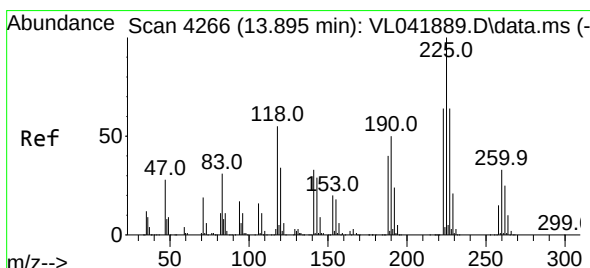
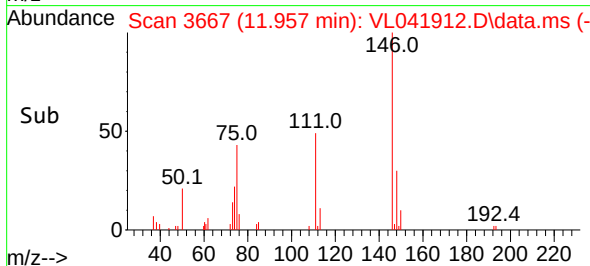
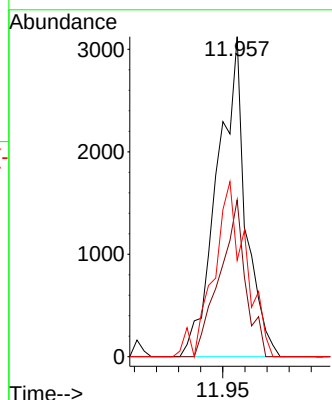
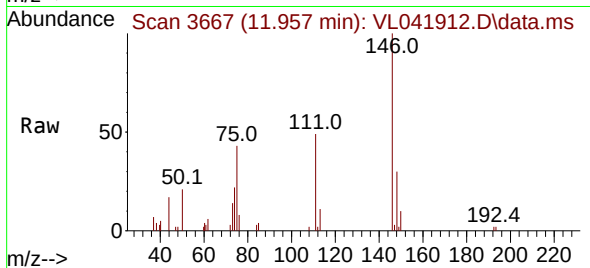
Tgt Ion:146 Resp: 2794

Ion Ratio Lower Upper

146 100

111 44.6 24.2 72.6

148 61.6 31.7 95.1



#78

Hexachloro-1,3-Butadiene

Concen: 0.101 ppbv

RT: 13.889 min Scan# 4264

Delta R.T. -0.006 min

Lab File: VL041912.D

Acq: 15 Jan 2025 02:23

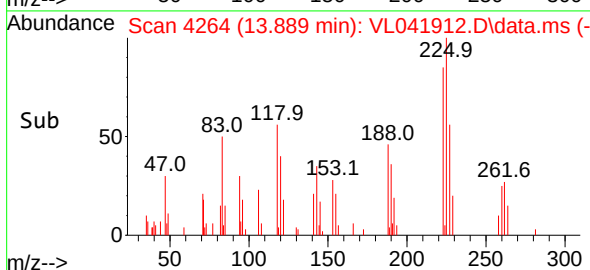
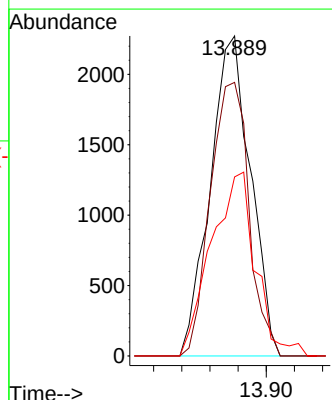
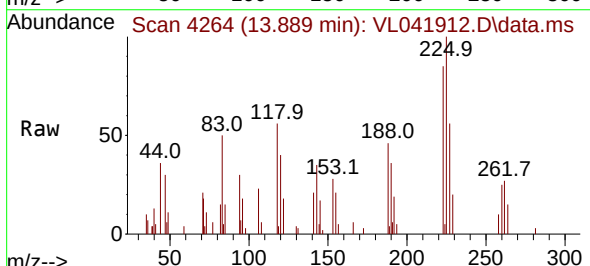
Tgt Ion:225 Resp: 2259

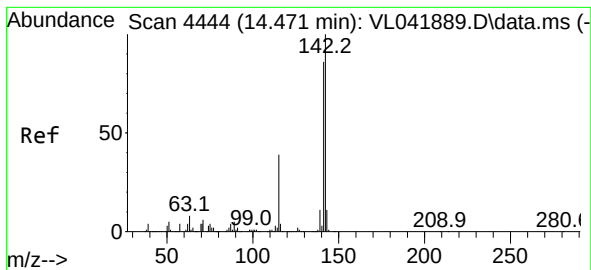
Ion Ratio Lower Upper

225 100

223 81.8 50.8 76.2#

227 63.1 50.3 75.5





#80

Naphthalene, 2-methyl-

Concen: 0.040 ppbv

RT: 14.465 min Scan# 44

Delta R.T. -0.006 min

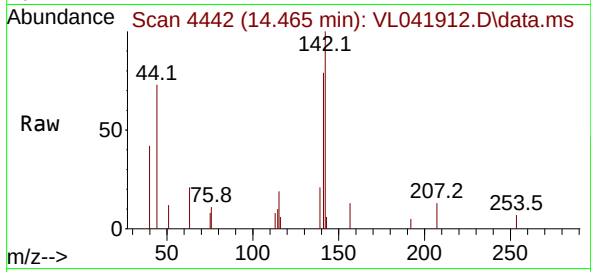
Lab File: VL041912.D

Acq: 15 Jan 2025 02:23

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:142 Resp: 875

Ion Ratio Lower Upper

142 100

141 79.4 68.1 102.1

115 48.8 31.7 47.5#

