

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041911.D
 Acq On : 15 Jan 2025 01:53
 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 04:25:31 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	2.793	49	131596	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	383772	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	333873	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	263116	10.006	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%

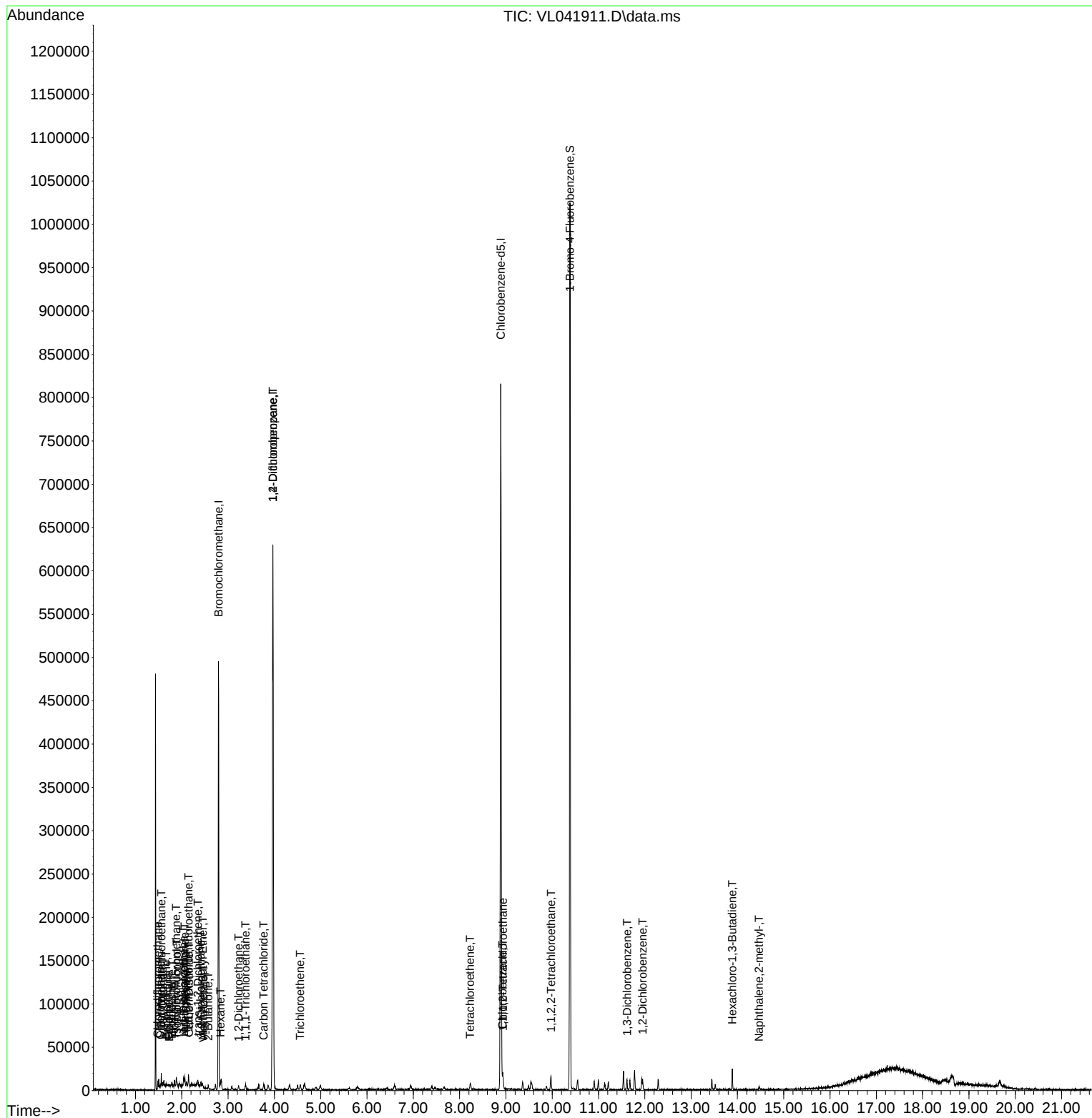
Target Compounds						Qvalue
3) Chlorodifluoromethane	1.479	51	1979	0.105	ppbv	96
4) Chloromethane	1.534	50	961	0.143	ppbv #	74
5) Vinyl Chloride	1.583	62	790	0.116	ppbv	95
6) Bromomethane	1.670	94	465	0.143	ppbv #	63
7) Chloroethane	1.706	64	336	0.126	ppbv #	68
8) Dichlorotetrafluoroethane	1.557	85	1694	0.108	ppbv	86
11) Trichlorofluoromethane	1.881	101	2353	0.126	ppbv #	82
12) 1,1,2-Trichlorotrifluo...	2.143	101	1917	0.131	ppbv	88
13) Ethanol	1.729	45	393	0.694	ppbv #	31
14) Bromoethene	1.787	108	569	0.106	ppbv #	74
15) Acetone	1.839	43	3120	0.197	ppbv	90
17) tert-Butyl alcohol	2.049	59	2420	0.124	ppbv	95
18) 1,1-Dichloroethene	2.039	96	850	0.129	ppbv #	90
19) Isopropyl Alcohol	1.890	45	1870	0.200	ppbv #	32
20) Methylene Chloride	2.065	84	1655	0.265	ppbv #	78
21) Allyl Chloride	2.101	41	1554	0.142	ppbv #	75
22) trans-1,2-Dichloroethene	2.350	96	887	0.119	ppbv #	76
23) Vinyl Acetate	2.470	43	914	0.117	ppbv #	36
24) 1,1-Dichloroethane	2.411	63	1732	0.120	ppbv #	93
26) Hexane	2.835	57	1761	0.104	ppbv	96
27) Carbon Disulfide	2.156	76	1678	0.101	ppbv #	1
28) Methyl tert-Butyl Ether	2.454	73	1390	0.108	ppbv #	82
32) 1,1,1-Trichloroethane	3.376	97	1434	0.056	ppbv #	25
34) 2-Butanone	2.573	43	2674	0.110	ppbv	96
35) Carbon Tetrachloride	3.768	117	2214	0.092	ppbv #	82
37) 1,2-Dichloroethane	3.227	62	2482	0.126	ppbv #	93
38) Trichloroethene	4.554	130	611	0.044	ppbv #	25
39) 1,2-Dichloropropane	3.968	63	94363	7.643	ppbv #	24
52) Tetrachloroethene	8.228	164	832	0.068	ppbv #	37
56) 1,1,1,2-Tetrachloroethane	8.937	131	1627	0.098	ppbv #	1
57) Chlorobenzene	8.927	112	3449	0.112	ppbv #	68
63) 1,1,2,2-Tetrachloroethane	9.975	83	2879	0.109	ppbv	98
75) 1,3-Dichlorobenzene	11.616	146	3031	0.108	ppbv	86
77) 1,2-Dichlorobenzene	11.953	146	2817	0.101	ppbv	93
78) Hexachloro-1,3-Butadiene	13.889	225	2426	0.106	ppbv	97
80) Naphthalene,2-methyl-	14.465	142	1192	0.053	ppbv	90

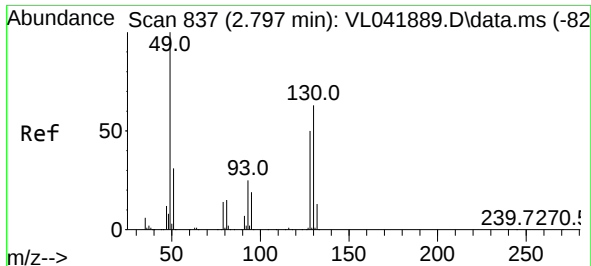
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
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Instrument :
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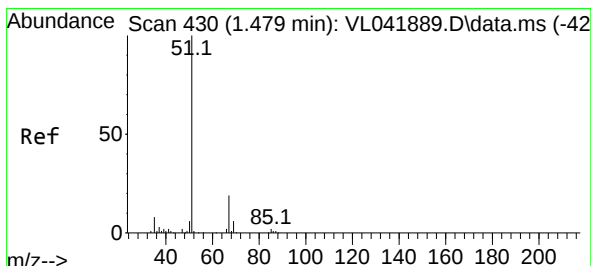
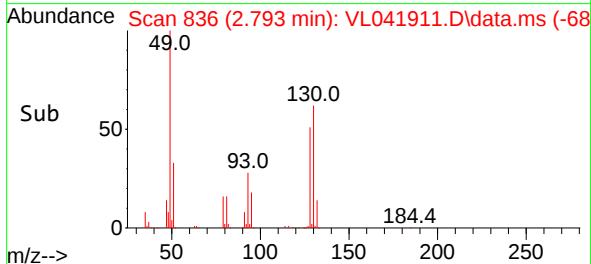
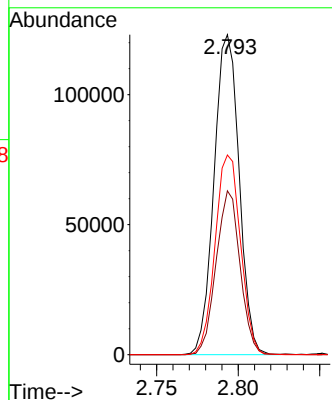
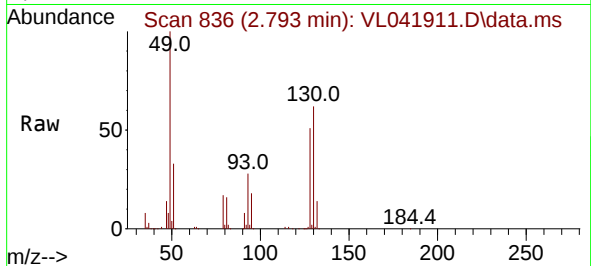




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

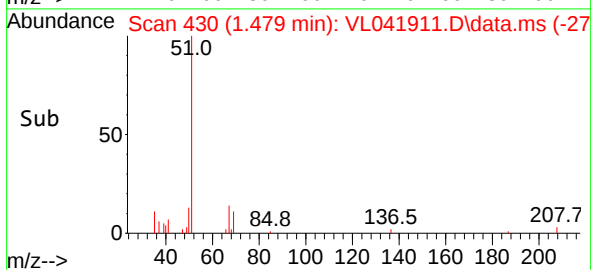
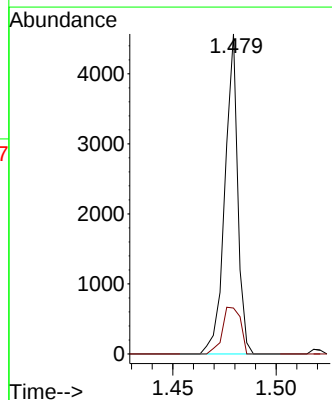
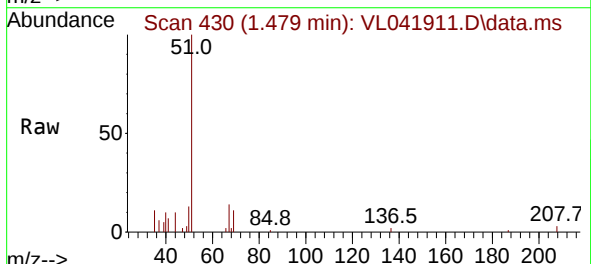
Instrument :
MSVOA_L
ClientSampleId :

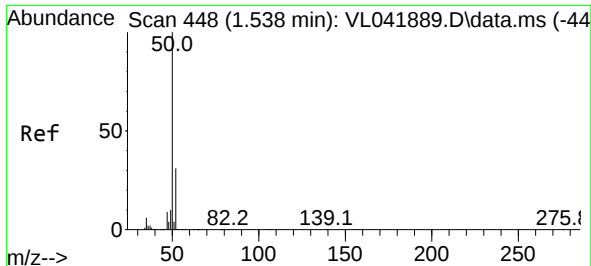
Tgt Ion: 49 Resp: 131596
Ion Ratio Lower Upper
49 100
128 49.0 24.3 73.0
130 63.3 31.1 93.2



#3
Chlorodifluoromethane
Concen: 0.105 ppbv
RT: 1.479 min Scan# 430
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 51 Resp: 1979
Ion Ratio Lower Upper
51 100
67 20.6 15.0 22.4

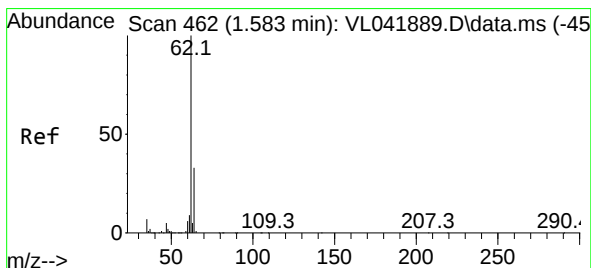
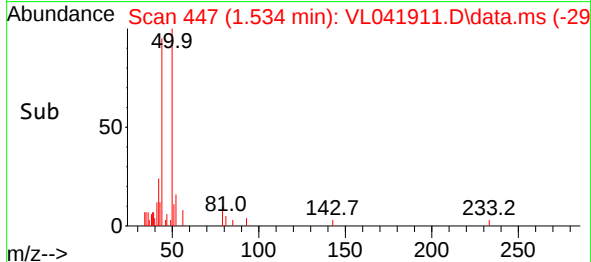
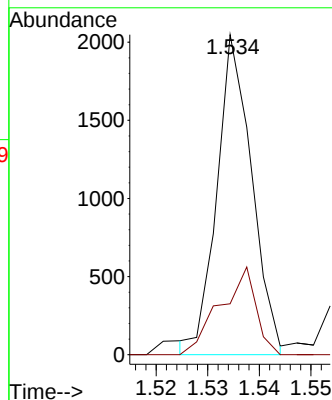
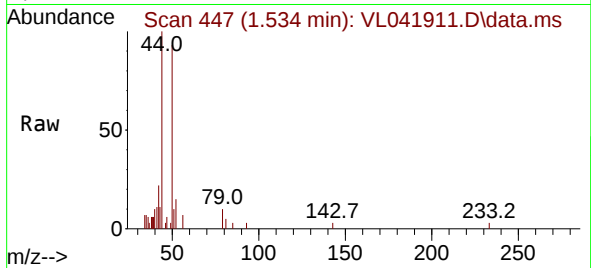




#4
Chloromethane
Concen: 0.143 ppbv
RT: 1.534 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

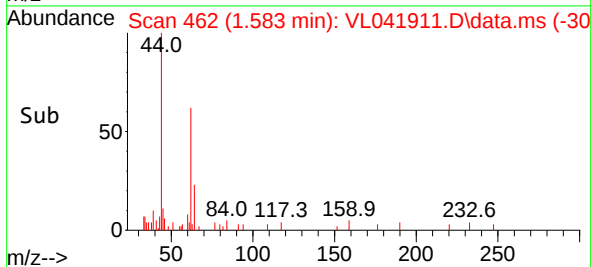
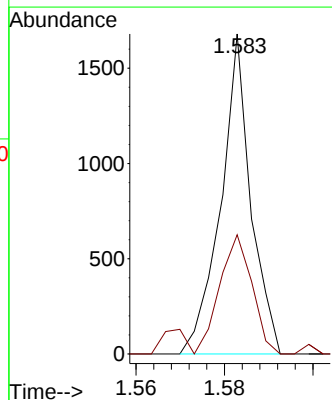
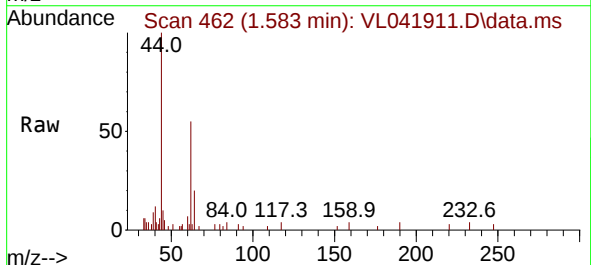
Instrument :
MSVOA_L
ClientSampleId :

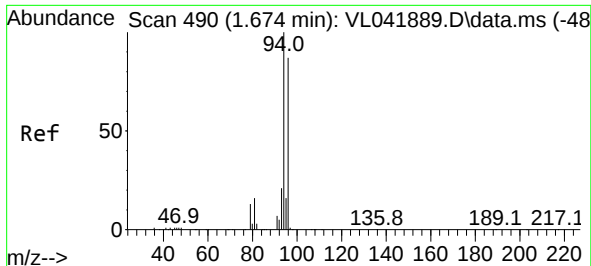
Tgt Ion: 50 Resp: 961
Ion Ratio Lower Upper
50 100
52 16.4 24.6 36.8#



#5
Vinyl Chloride
Concen: 0.116 ppbv
RT: 1.583 min Scan# 462
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 62 Resp: 790
Ion Ratio Lower Upper
62 100
64 35.6 26.1 39.1

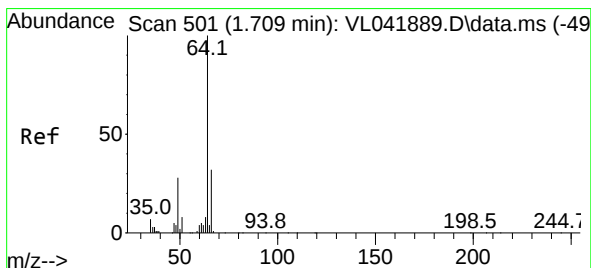
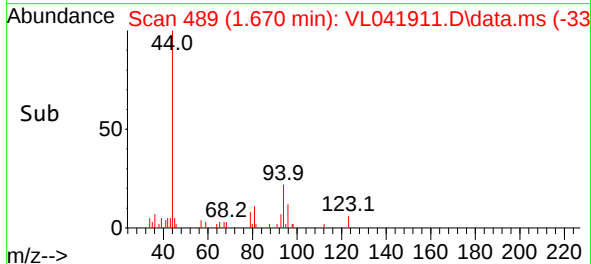
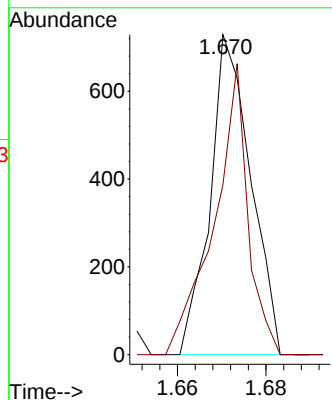
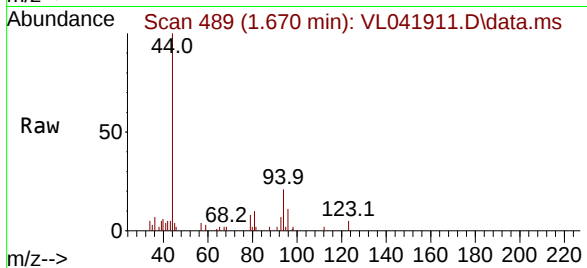




#6
Bromomethane
Concen: 0.143 ppbv
RT: 1.670 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

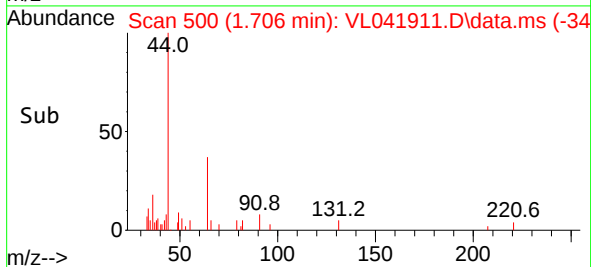
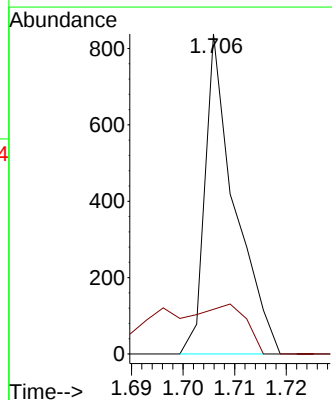
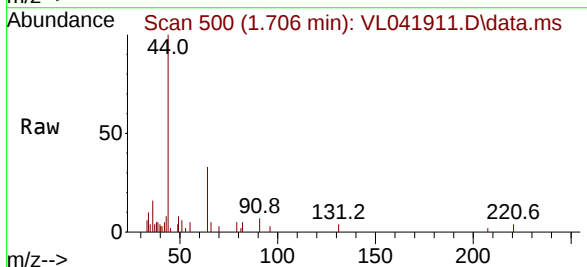
Instrument :
MSVOA_L
ClientSampleId :

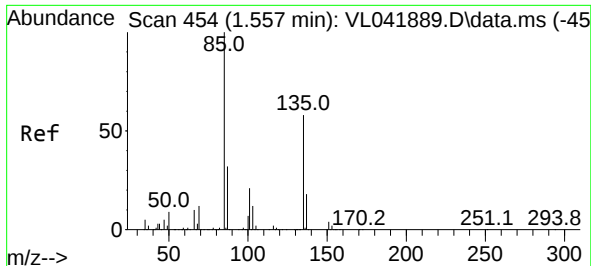
Tgt Ion: 94 Resp: 465
Ion Ratio Lower Upper
94 100
96 53.1 69.5 104.3#



#7
Chloroethane
Concen: 0.126 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 64 Resp: 336
Ion Ratio Lower Upper
64 100
66 14.0 25.7 38.5#

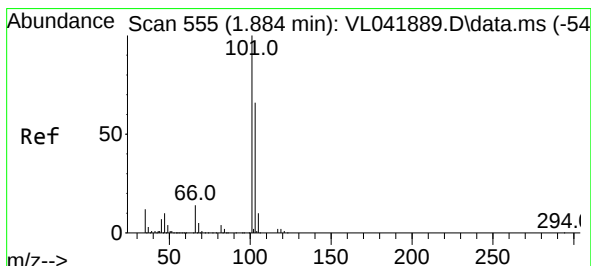
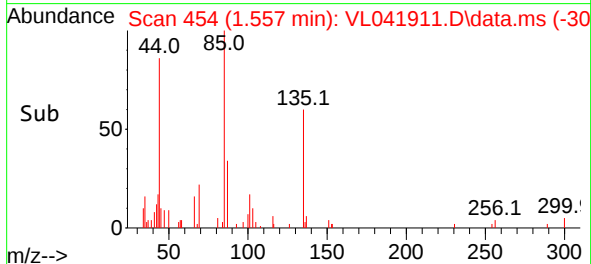
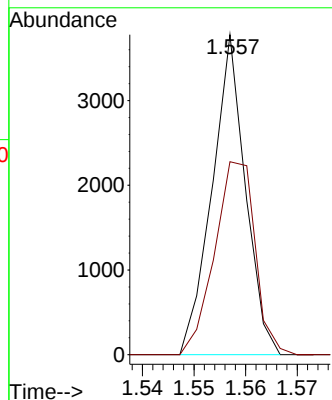
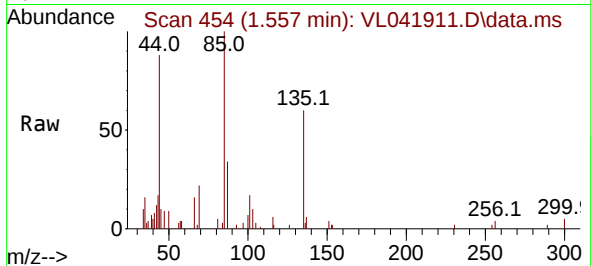




#8
Dichlorotetrafluoroethane
Concen: 0.108 ppbv
RT: 1.557 min Scan# 411
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

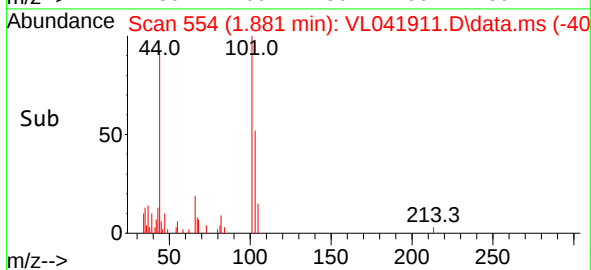
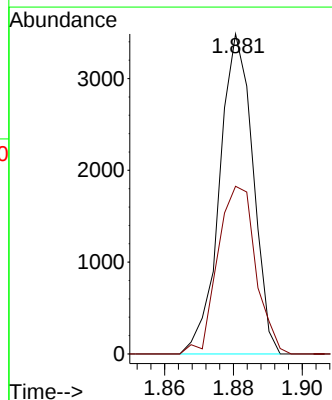
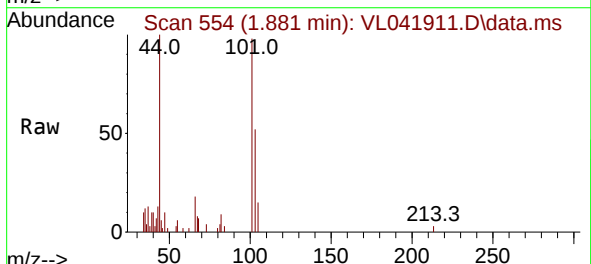
Instrument :
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ClientSampleId :

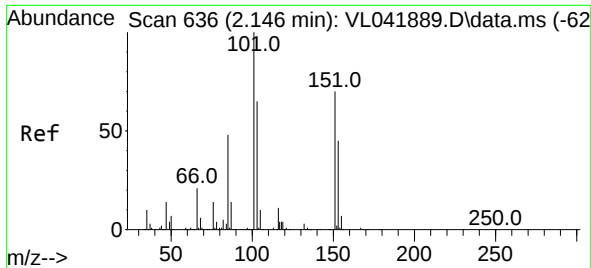
Tgt Ion: 85 Resp: 1694
Ion Ratio Lower Upper
85 100
135 73.4 50.0 75.0



#11
Trichlorofluoromethane
Concen: 0.126 ppbv
RT: 1.881 min Scan# 554
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion:101 Resp: 2353
Ion Ratio Lower Upper
101 100
103 52.4 53.1 79.7#

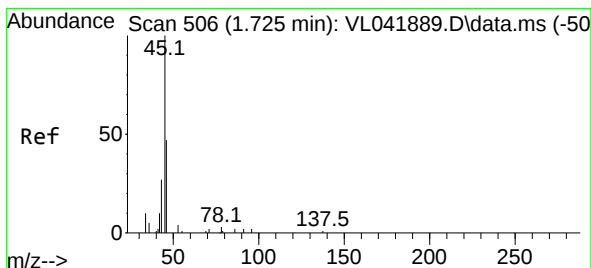
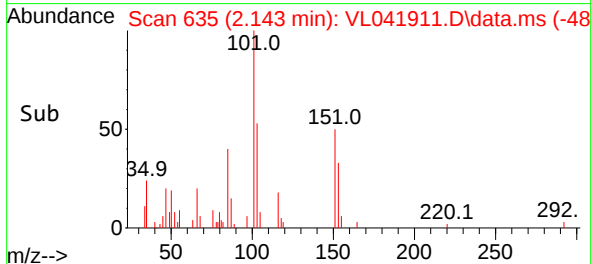
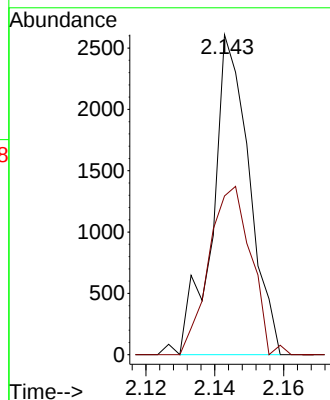
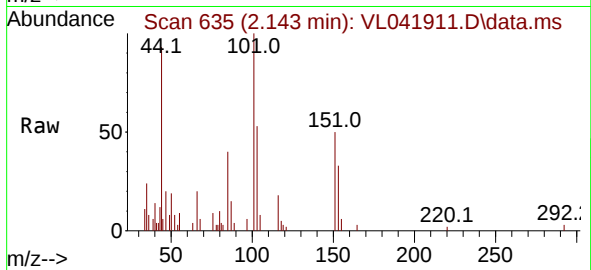




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.131 ppbv
 RT: 2.143 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

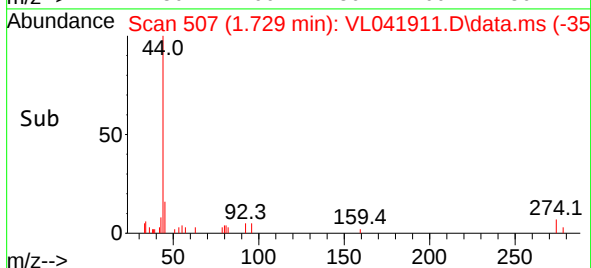
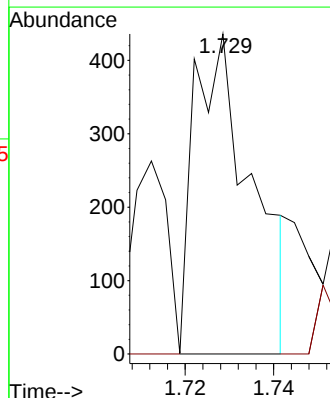
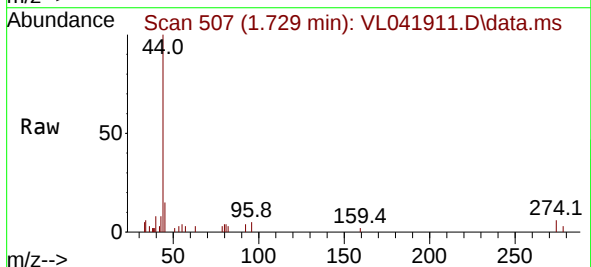
Instrument :
 MSVOA_L
 ClientSampleId :

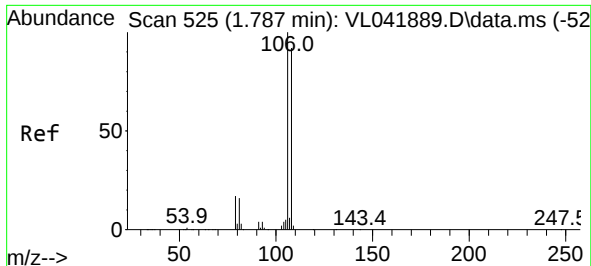
Tgt Ion:101 Resp: 1917
 Ion Ratio Lower Upper
 101 100
 151 60.6 56.1 84.1



#13
 Ethanol
 Concen: 0.694 ppbv
 RT: 1.729 min Scan# 507
 Delta R.T. 0.003 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

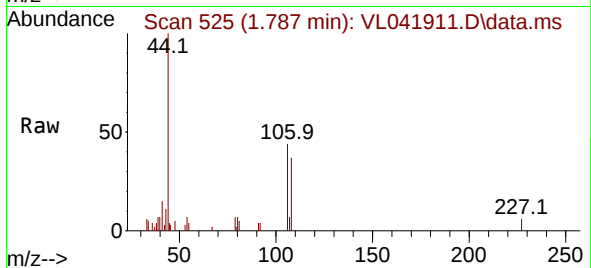
Tgt Ion: 45 Resp: 393
 Ion Ratio Lower Upper
 45 100
 46 0.0 18.1 72.5#



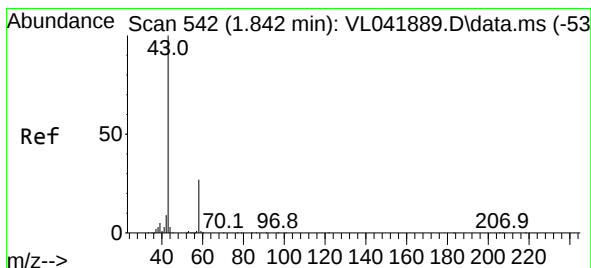
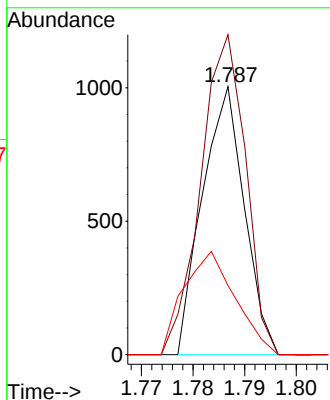
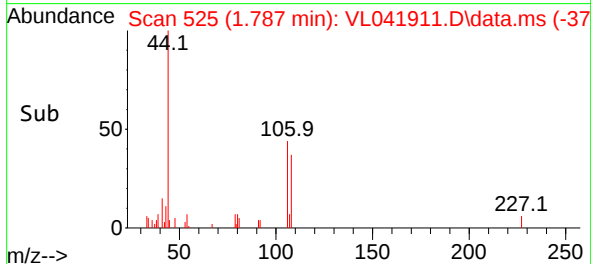


#14
Bromoethene
Concen: 0.106 ppbv
RT: 1.787 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Instrument :
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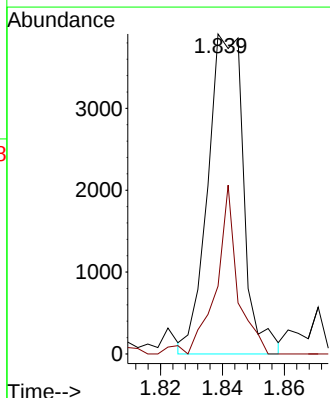
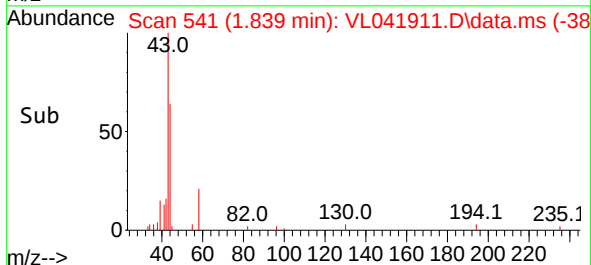
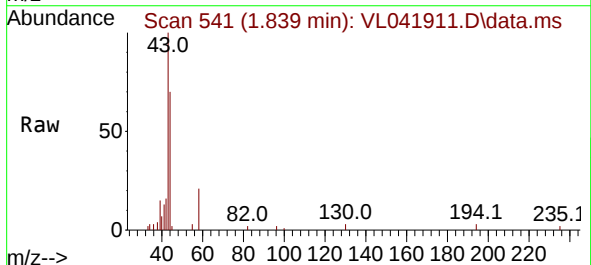


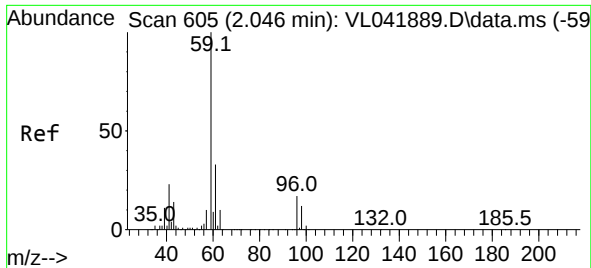
Tgt Ion:108 Resp: 569
Ion Ratio Lower Upper
108 100
106 127.4 85.5 128.3
79 47.3 15.3 22.9#



#15
Acetone
Concen: 0.197 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 43 Resp: 3120
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9

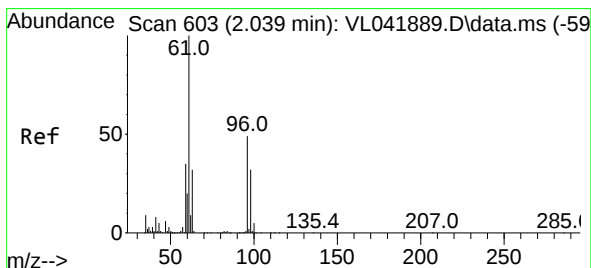
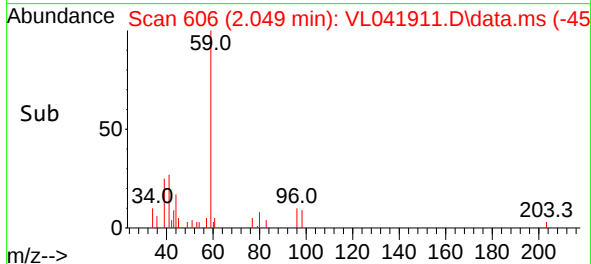
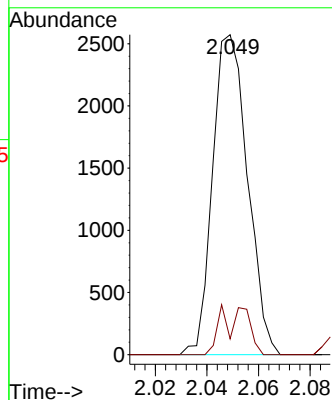
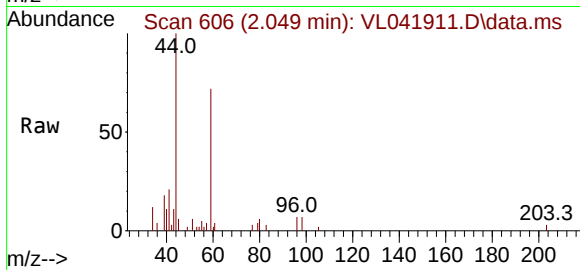




#17
tert-Butyl alcohol
Concen: 0.124 ppbv
RT: 2.049 min Scan# 605
Delta R.T. 0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

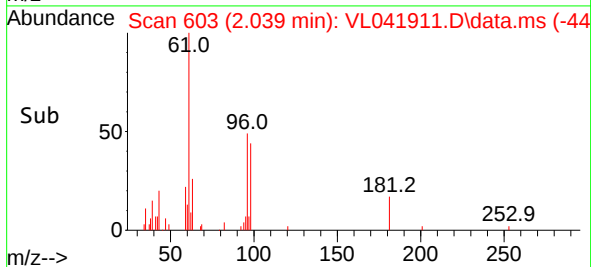
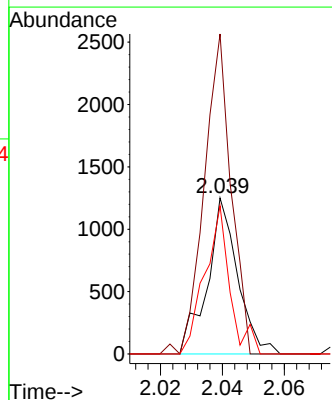
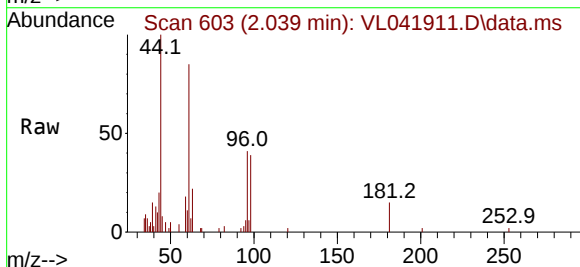
Instrument :
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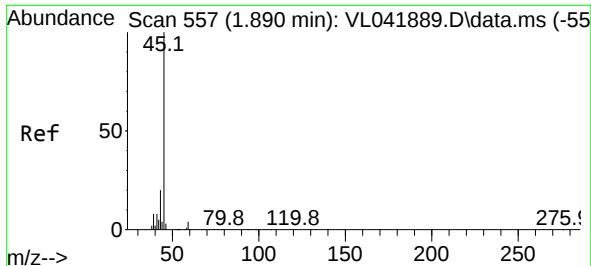
Tgt Ion: 59 Resp: 2420
Ion Ratio Lower Upper
59 100
57 11.6 7.8 11.8



#18
1,1-Dichloroethene
Concen: 0.129 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 96 Resp: 850
Ion Ratio Lower Upper
96 100
61 205.1 163.1 244.7
98 95.0 52.7 79.1#

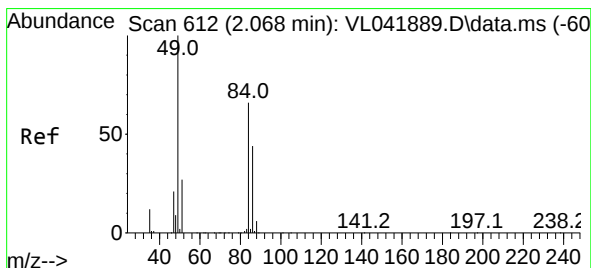
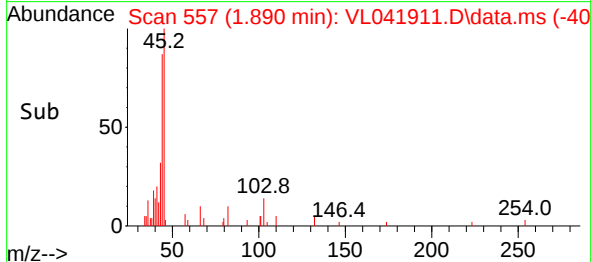
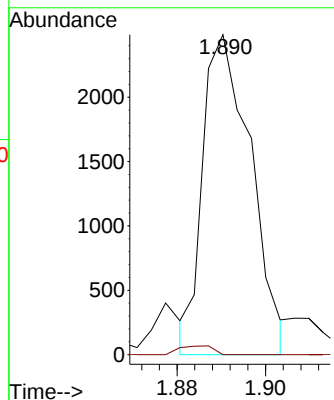
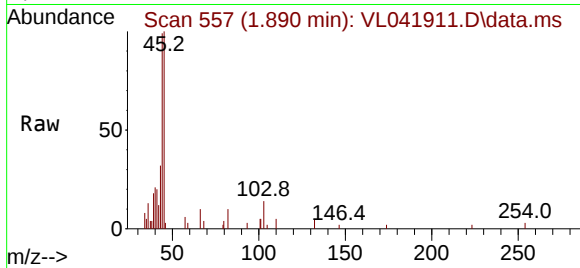




#19
Isopropyl Alcohol
Concen: 0.200 ppbv
RT: 1.890 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

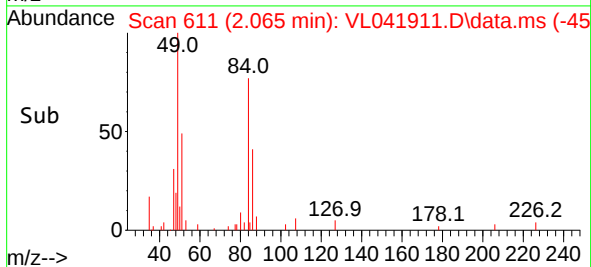
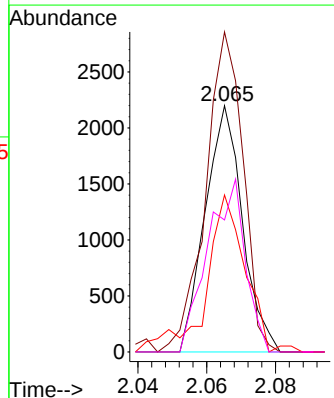
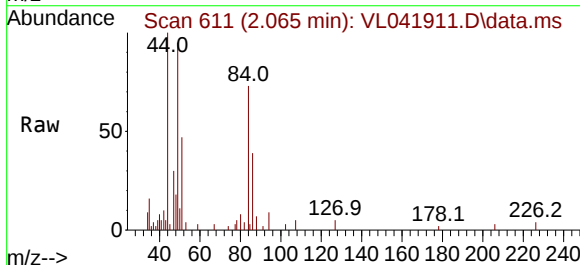
Instrument :
MSVOA_L
ClientSampleId :

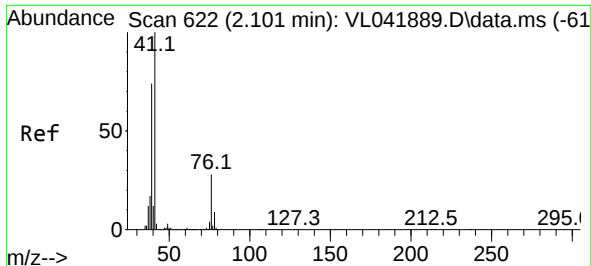
Tgt Ion: 45 Resp: 1870
Ion Ratio Lower Upper
45 100
58 0.0 35.0 52.6#



#20
Methylene Chloride
Concen: 0.265 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 84 Resp: 1655
Ion Ratio Lower Upper
84 100
49 124.0 123.1 184.7
51 58.5 35.8 53.8#
86 51.2 53.7 80.5#

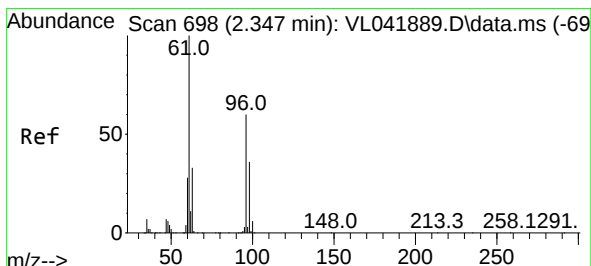
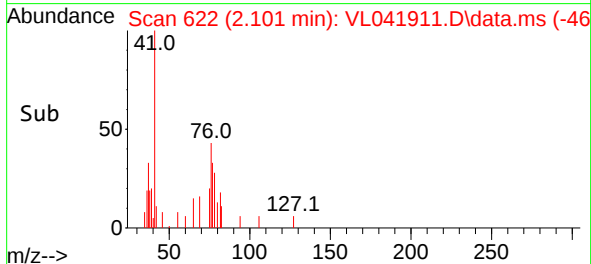
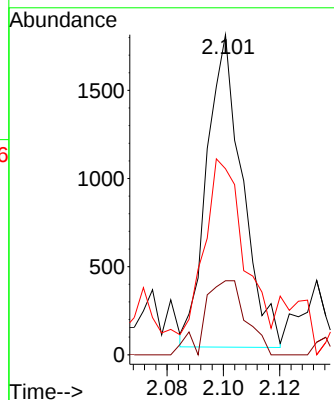
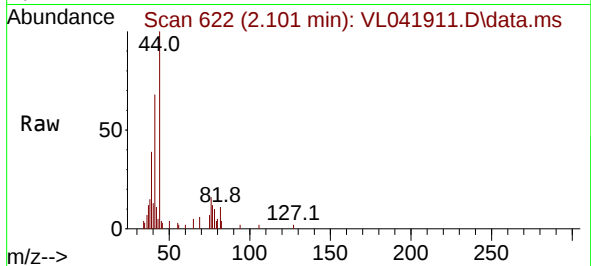




#21
 Allyl Chloride
 Concen: 0.142 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

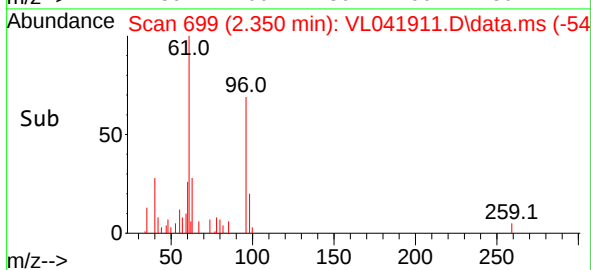
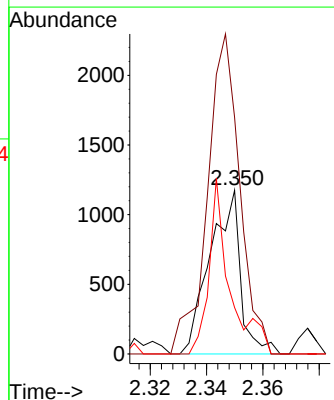
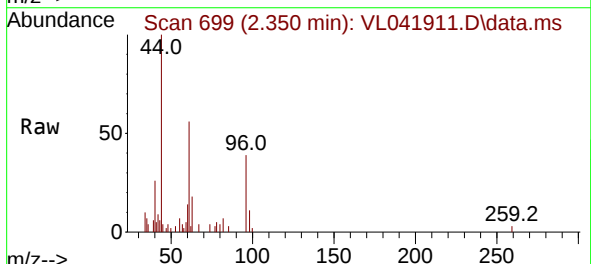
Instrument :
 MSVOA_L
 ClientSampleId :

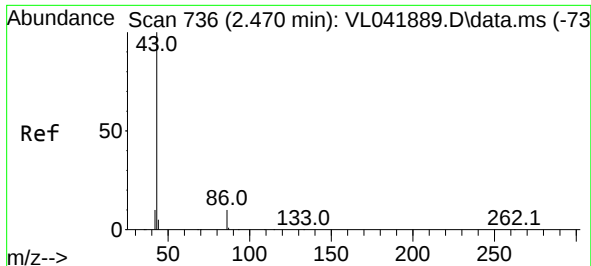
Tgt Ion: 41 Resp: 1554
 Ion Ratio Lower Upper
 41 100
 76 27.7 24.2 36.4
 39 103.6 60.6 91.0#



#22
 trans-1,2-Dichloroethene
 Concen: 0.119 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.003 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

Tgt Ion: 96 Resp: 887
 Ion Ratio Lower Upper
 96 100
 61 144.5 134.5 201.7
 98 28.3 48.9 73.3#





#23

Vinyl Acetate

Concen: 0.117 ppbv

RT: 2.470 min Scan# 718

Delta R.T. -0.000 min

Lab File: VL041911.D

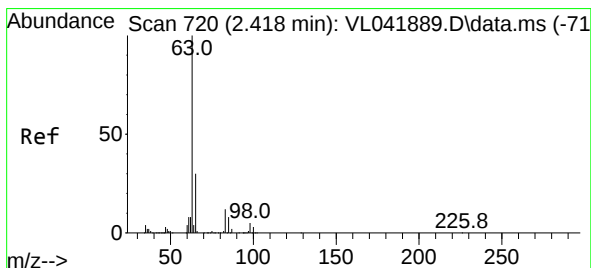
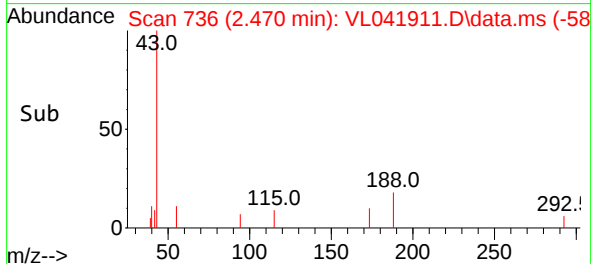
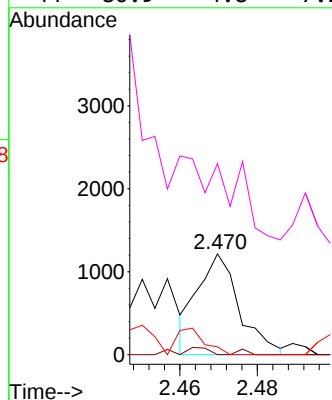
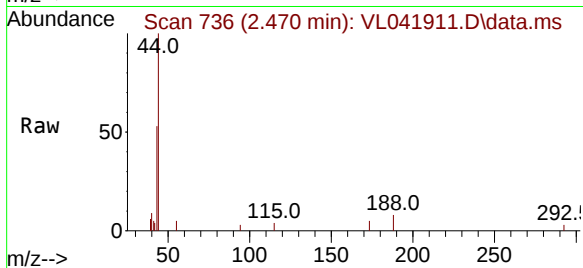
Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43	Resp: 914
Ion Ratio	Lower Upper
43 100	
86 0.0	6.2 9.4#
42 8.3	8.5 12.7#
44 80.9	4.8 7.2#



#24

1,1-Dichloroethane

Concen: 0.120 ppbv

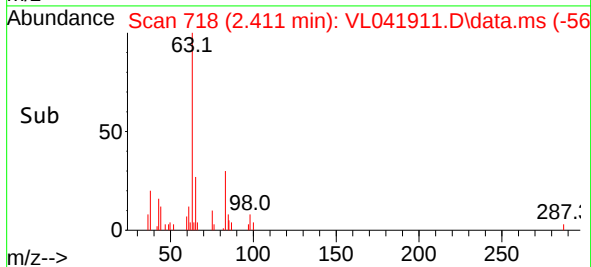
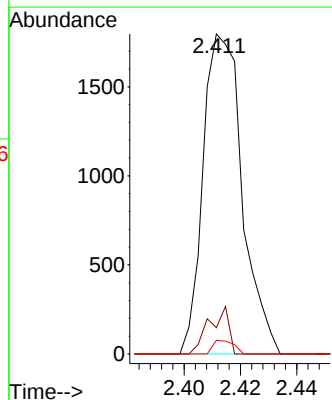
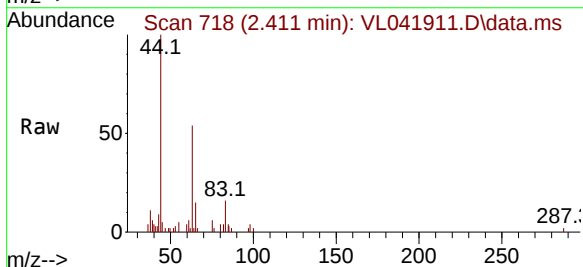
RT: 2.411 min Scan# 718

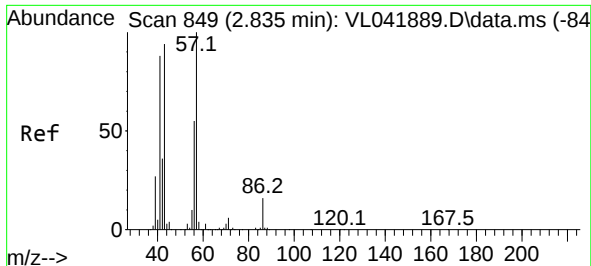
Delta R.T. -0.006 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

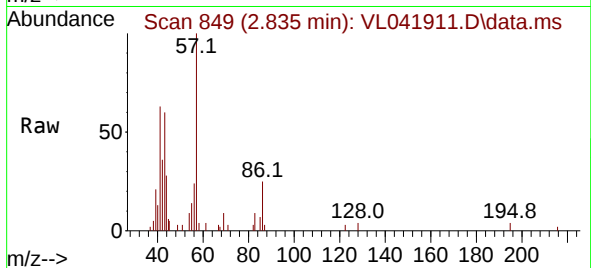
Tgt Ion: 63	Resp: 1732
Ion Ratio	Lower Upper
63 100	
98 8.2	2.6 7.8#
100 4.2	1.4 4.2#



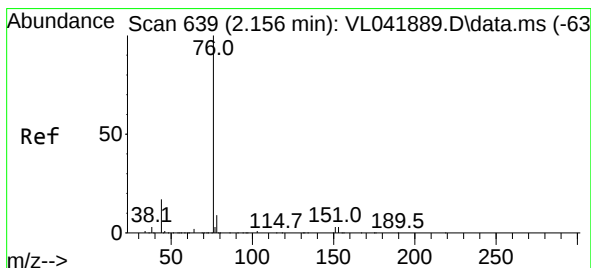
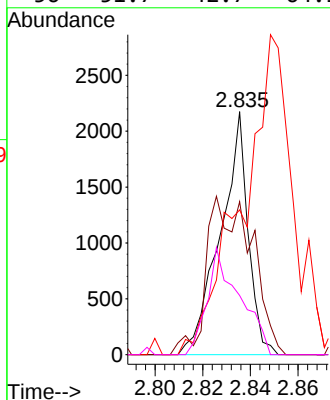
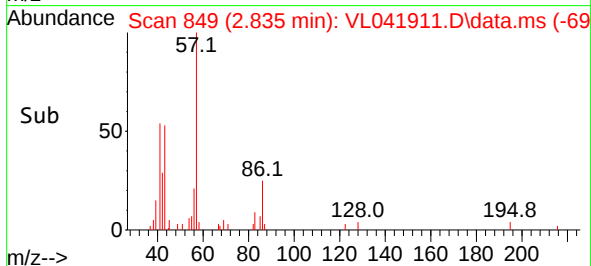


#26
Hexane
Concen: 0.104 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

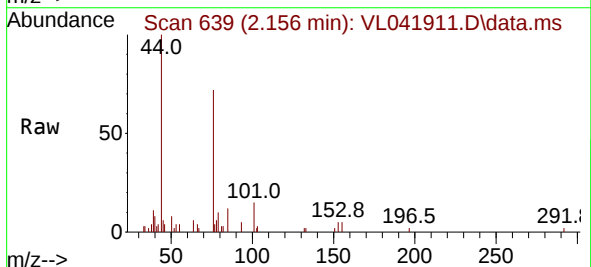
Instrument :
MSVOA_L
ClientSampleId :



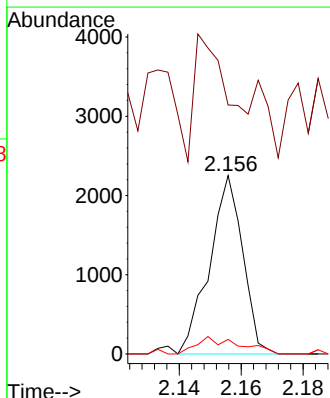
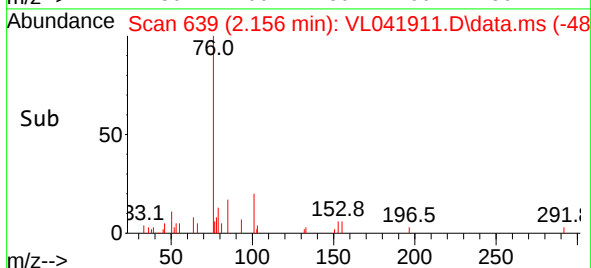
Tgt Ion:	57	Resp:	1761
Ion	Ratio	Lower	Upper
57	100		
41	105.8	73.8	110.8
43	247.9	197.3	295.9
56	51.7	42.7	64.1

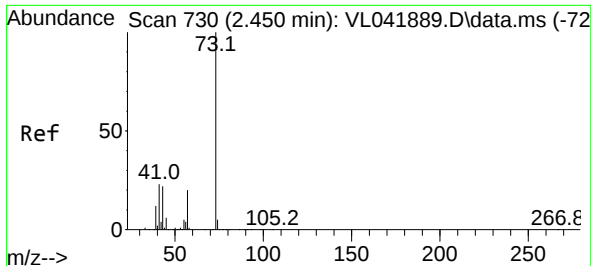


#27
Carbon Disulfide
Concen: 0.101 ppbv
RT: 2.156 min Scan# 639
Delta R.T. -0.000 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53



Tgt Ion:	76	Resp:	1678
Ion	Ratio	Lower	Upper
76	100		
44	527.2	15.4	23.0#
78	13.7	9.3	13.9

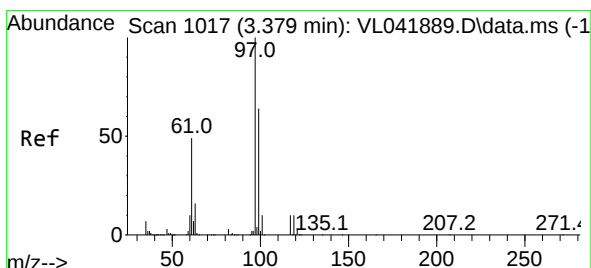
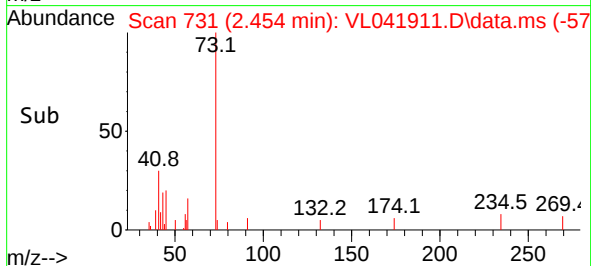
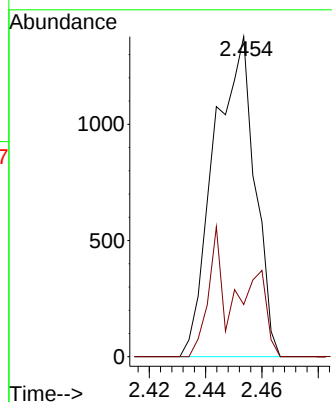
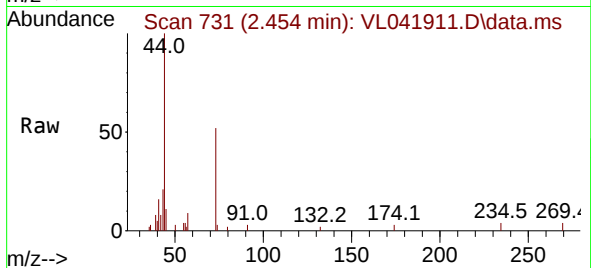




#28
Methyl tert-Butyl Ether
Concen: 0.108 ppbv
RT: 2.454 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

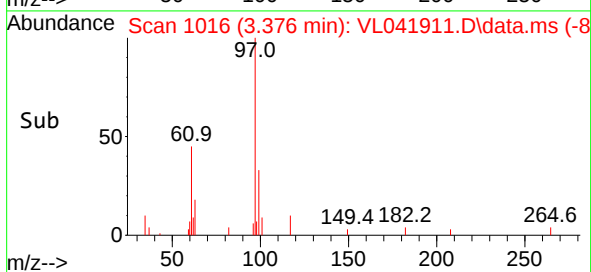
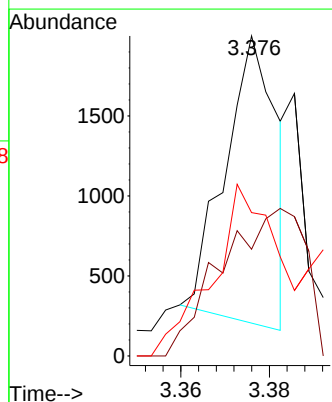
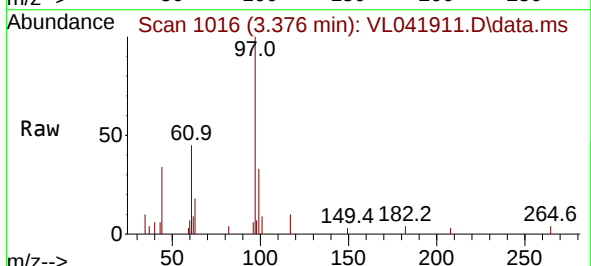
Instrument :
MSVOA_L
ClientSampleId :

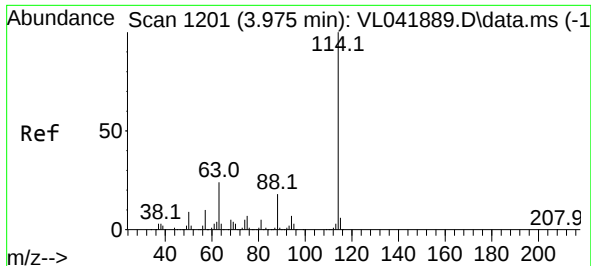
Tgt Ion: 73 Resp: 1390
Ion Ratio Lower Upper
73 100
57 31.5 18.1 27.1#



#32
1,1,1-Trichloroethane
Concen: 0.056 ppbv
RT: 3.376 min Scan# 1016
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

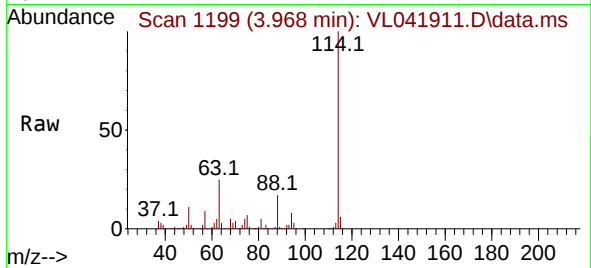
Tgt Ion: 97 Resp: 1434
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 93.9 39.0 58.6#



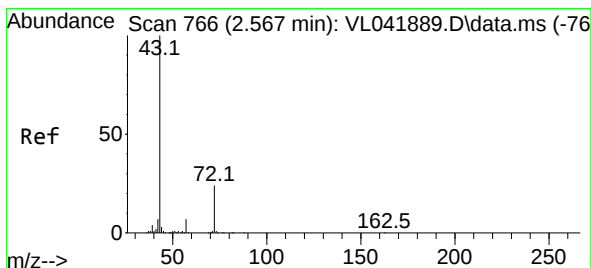
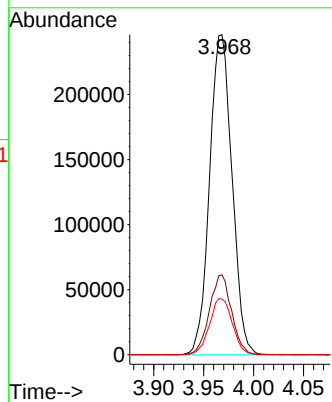
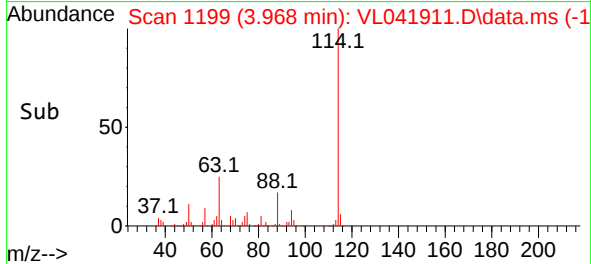


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.968 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

Instrument :
 MSVOA_L
 ClientSampleId :

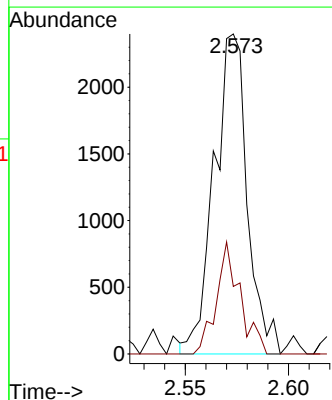
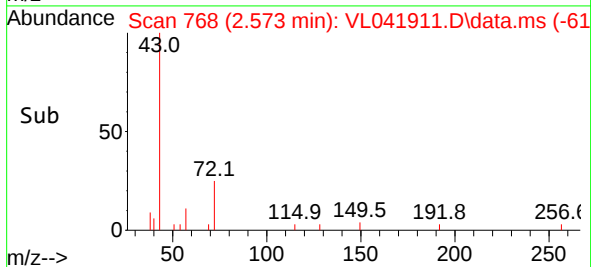
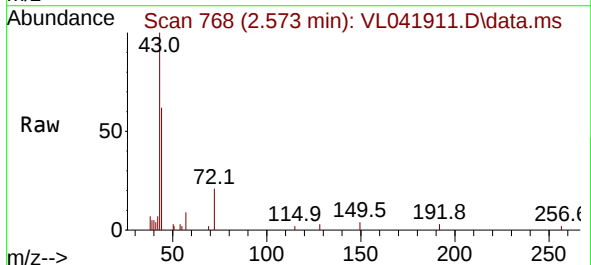


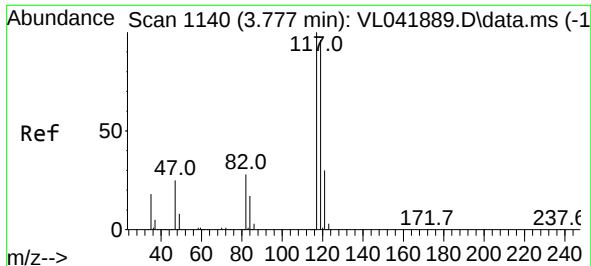
Tgt Ion:114 Resp: 383772
 Ion Ratio Lower Upper
 114 100
 63 24.6 19.8 29.6
 88 17.8 14.4 21.6



#34
 2-Butanone
 Concen: 0.110 ppbv
 RT: 2.573 min Scan# 768
 Delta R.T. 0.006 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

Tgt Ion: 43 Resp: 2674
 Ion Ratio Lower Upper
 43 100
 72 25.1 18.6 28.0

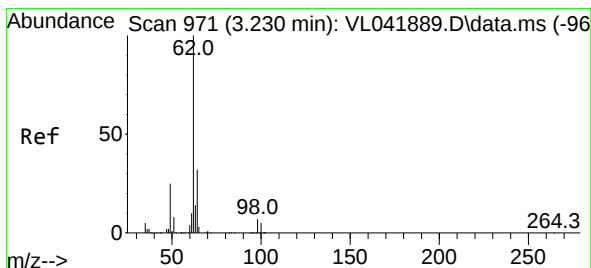
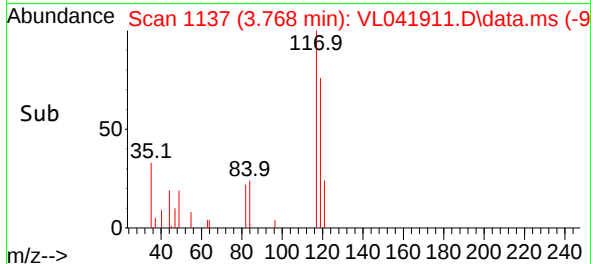
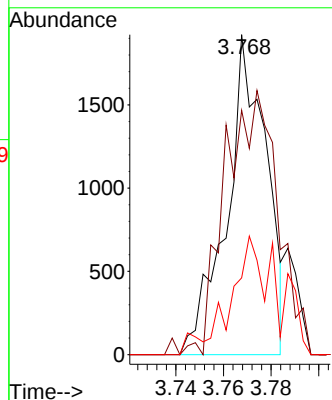
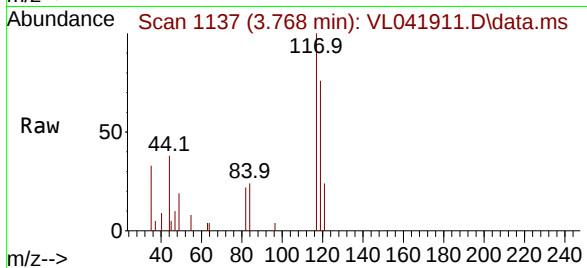




#35
Carbon Tetrachloride
Concen: 0.092 ppbv
RT: 3.768 min Scan# 1140
Delta R.T. -0.010 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

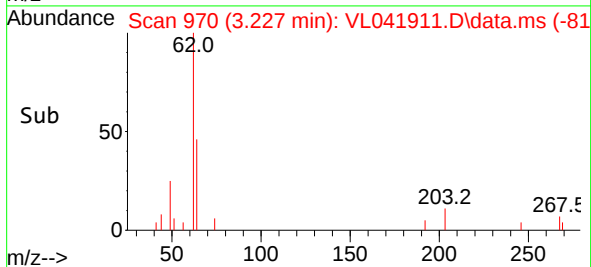
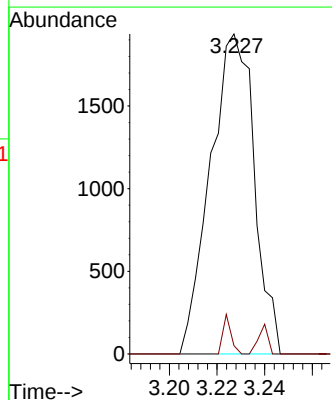
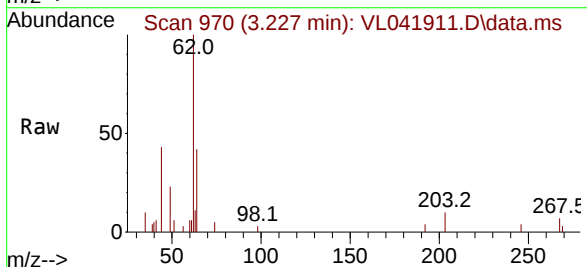
Instrument :
MSVOA_L
ClientSampleId :

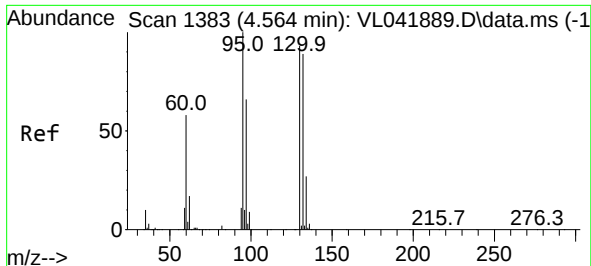
Tgt Ion:117 Resp: 2214
Ion Ratio Lower Upper
117 100
119 76.3 76.9 115.3#
121 24.0 23.8 35.6



#37
1,2-Dichloroethane
Concen: 0.126 ppbv
RT: 3.227 min Scan# 970
Delta R.T. -0.003 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion: 62 Resp: 2482
Ion Ratio Lower Upper
62 100
98 4.3 5.4 8.0#

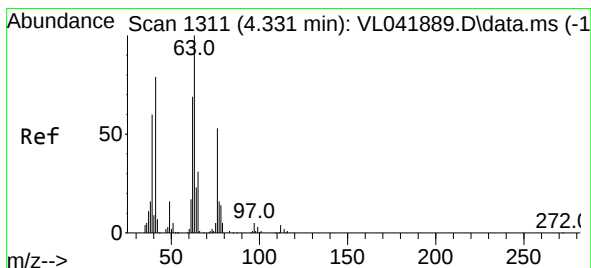
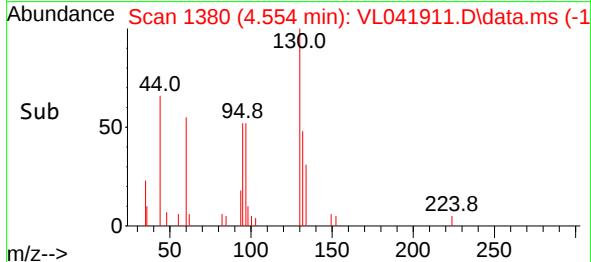
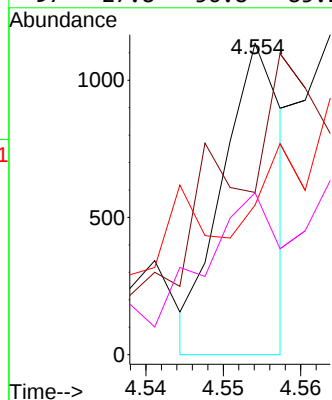
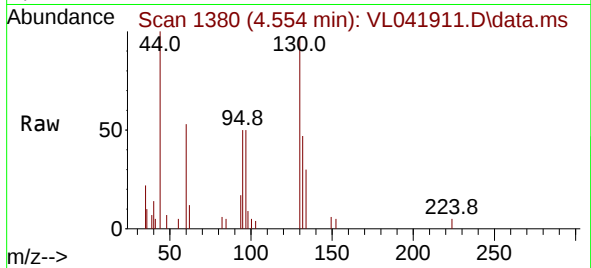




#38
 Trichloroethene
 Concen: 0.044 ppbv
 RT: 4.554 min Scan# 1199
 Delta R.T. -0.010 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

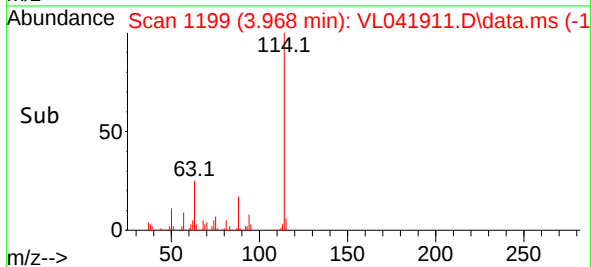
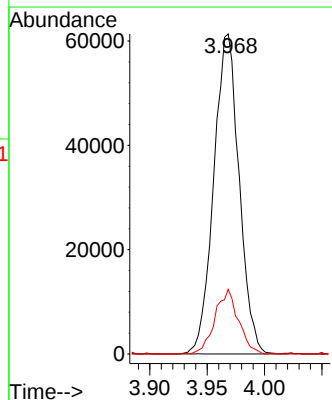
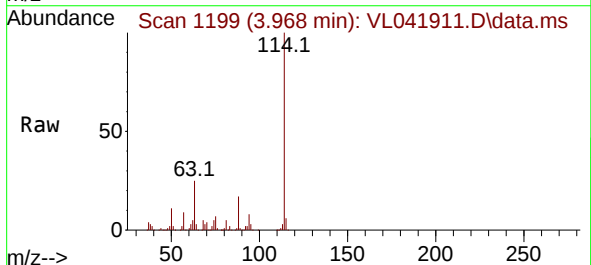
Instrument :
 MSVOA_L
 ClientSampleId :

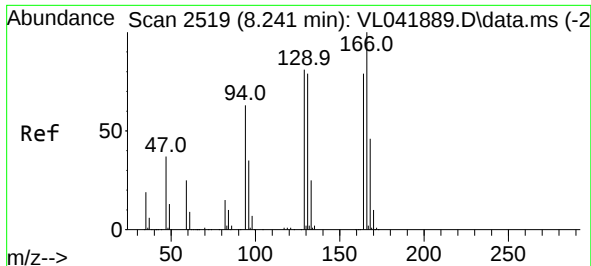
Tgt Ion:130	Resp:	611
Ion	Ratio	Lower Upper
130	100	
95	34.9	85.8 128.8#
132	0.0	76.5 114.7#
97	27.8	56.8 85.2#



#39
 1,2-Dichloropropane
 Concen: 7.643 ppbv
 RT: 3.968 min Scan# 1199
 Delta R.T. -0.363 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

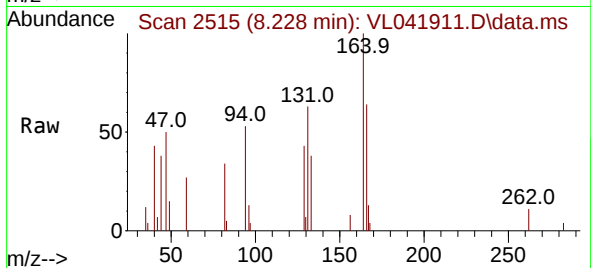
Tgt Ion: 63	Resp:	94363
Ion	Ratio	Lower Upper
63	100	
41	0.0	63.7 95.5#
62	20.2	55.4 83.2#



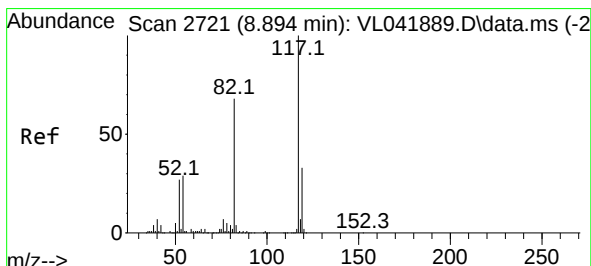
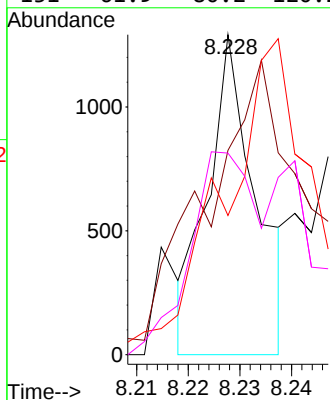
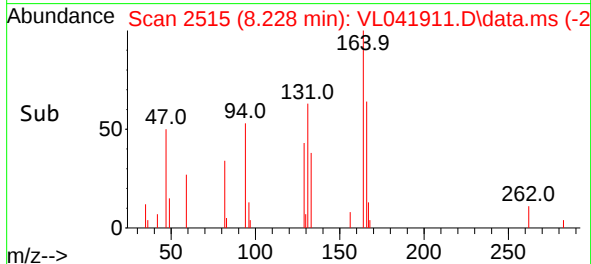


#52
Tetrachloroethene
Concen: 0.068 ppbv
RT: 8.228 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Instrument :
MSVOA_L
ClientSampleId :

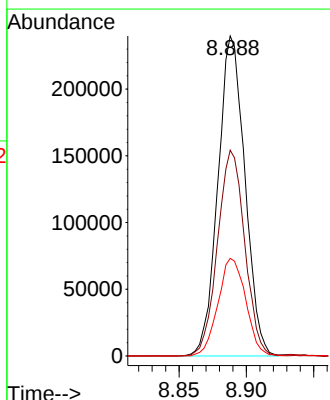
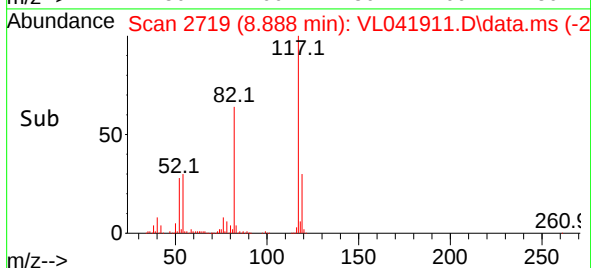
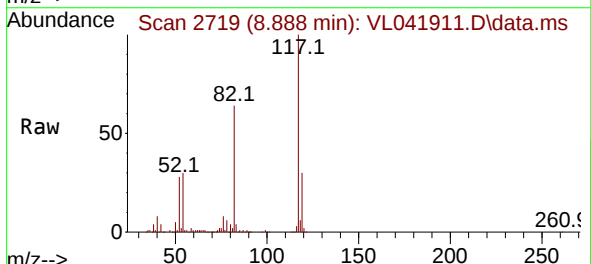


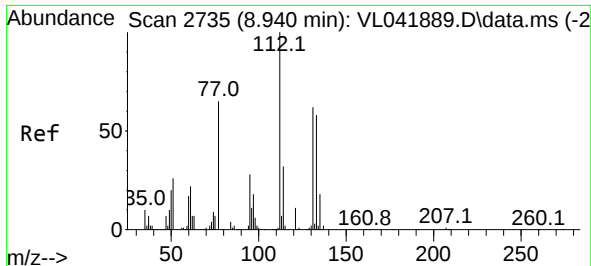
Tgt Ion:	164	Resp:	832
Ion	Ratio	Lower	Upper
164	100		
166	30.0	100.8	151.2#
129	40.5	82.0	123.0#
131	61.9	80.2	120.2#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.006 min
Lab File: VL041911.D
Acq: 15 Jan 2025 01:53

Tgt Ion:	117	Resp:	333873
Ion	Ratio	Lower	Upper
117	100		
82	64.8	54.2	81.4
119	31.6	25.0	37.6

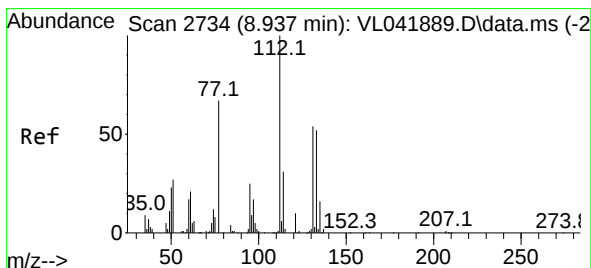
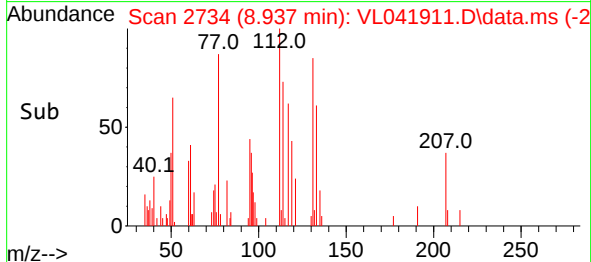
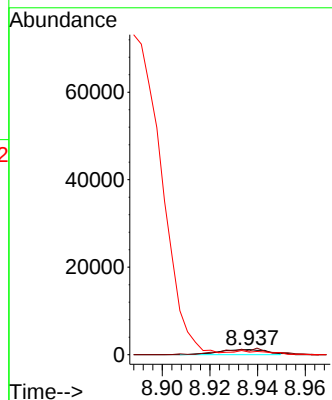
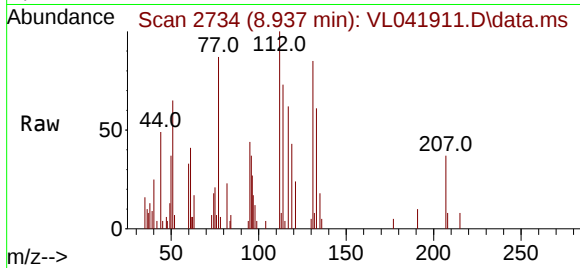




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.098 ppbv
 RT: 8.937 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

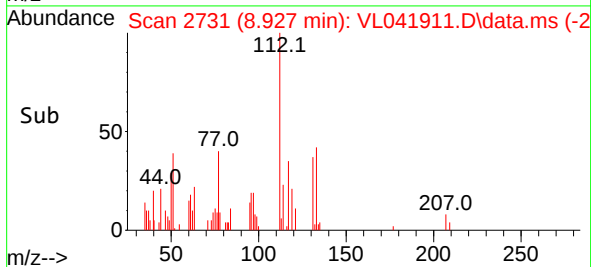
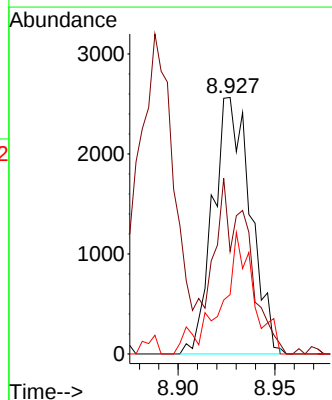
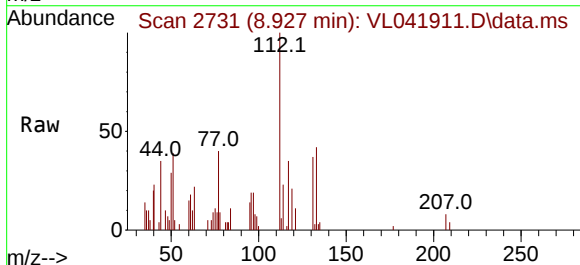
Instrument :
 MSVOA_L
 ClientSampleId :

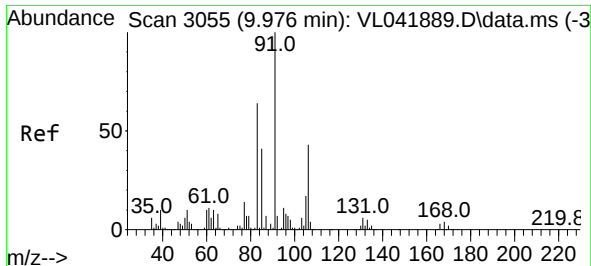
Tgt Ion:131 Resp: 1627
 Ion Ratio Lower Upper
 131 100
 133 120.8 76.0 114.0#
 119 6487.4 49.7 74.5#



#57
 Chlorobenzene
 Concen: 0.112 ppbv
 RT: 8.927 min Scan# 2731
 Delta R.T. -0.010 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

Tgt Ion:112 Resp: 3449
 Ion Ratio Lower Upper
 112 100
 77 36.1 54.6 82.0#
 114 23.2 28.2 34.4#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.109 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. -0.000 min

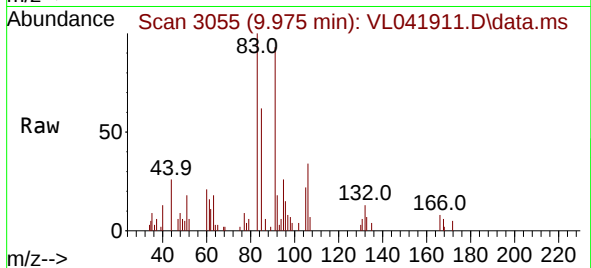
Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :



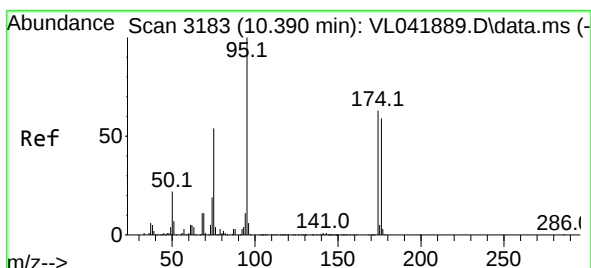
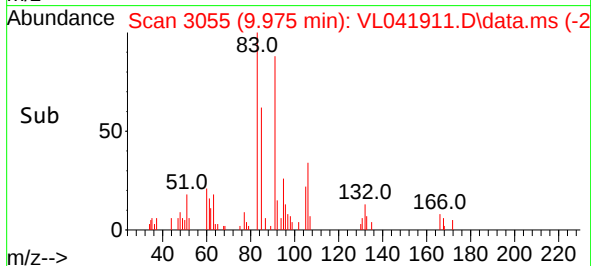
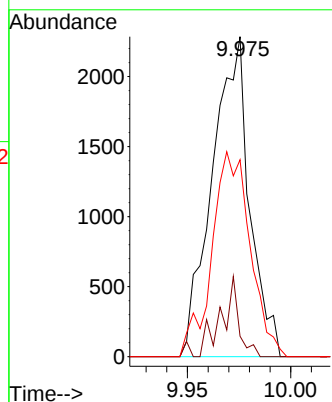
Tgt Ion: 83 Resp: 2879

Ion Ratio Lower Upper

83 100

131 12.5 4.8 14.4

85 65.3 32.4 97.2



#68

1-Bromo-4-Fluorobenzene

Concen: 10.006 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. -0.007 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

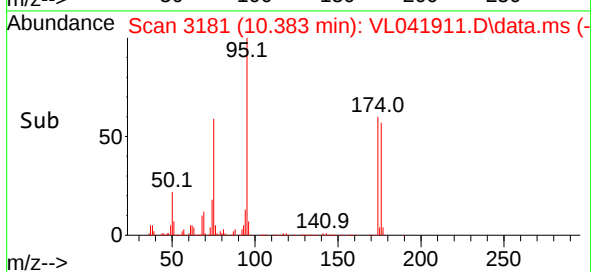
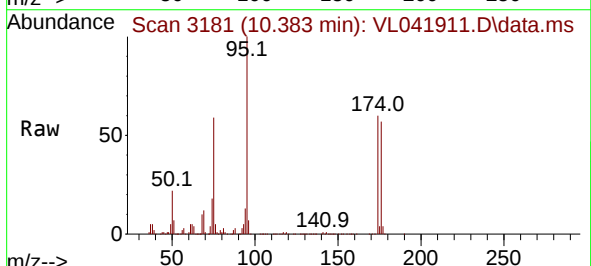
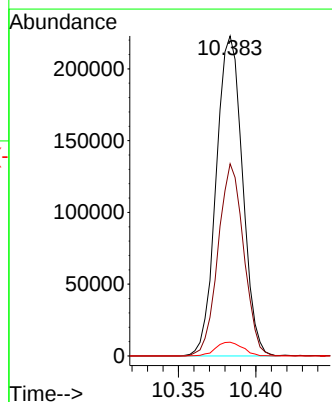
Tgt Ion: 95 Resp: 263116

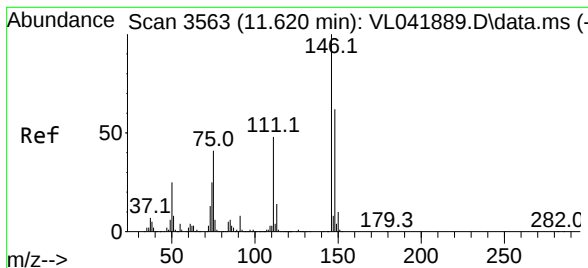
Ion Ratio Lower Upper

95 100

174 58.7 49.0 73.4

175 4.5 3.8 5.8





#75

1,3-Dichlorobenzene

Concen: 0.108 ppbv

RT: 11.616 min Scan# 3563

Delta R.T. -0.003 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

Instrument :

MSVOA_L

ClientSampleId :

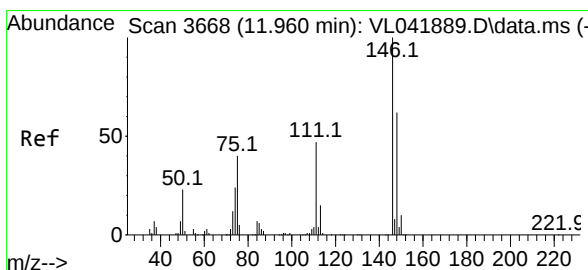
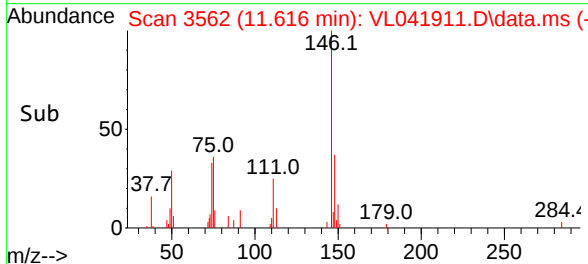
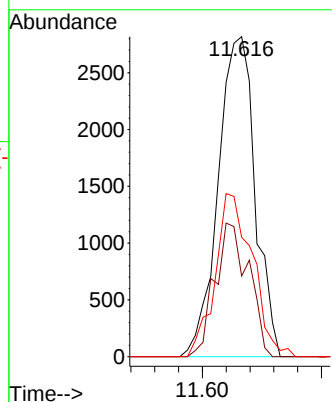
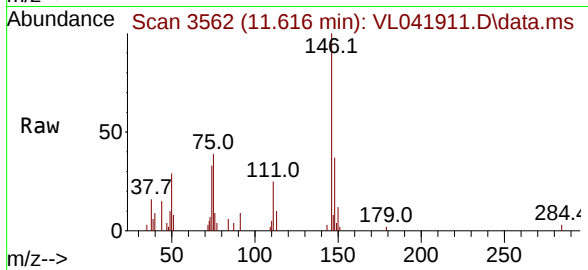
Tgt Ion:146 Resp: 3031

Ion Ratio Lower Upper

146 100

111 38.3 23.6 70.8

148 51.2 31.4 94.0



#77

1,2-Dichlorobenzene

Concen: 0.101 ppbv

RT: 11.953 min Scan# 3666

Delta R.T. -0.007 min

Lab File: VL041911.D

Acq: 15 Jan 2025 01:53

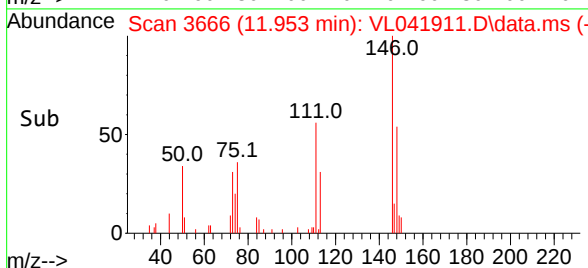
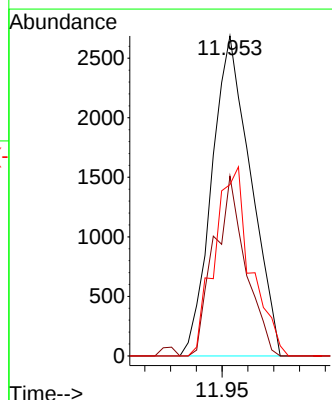
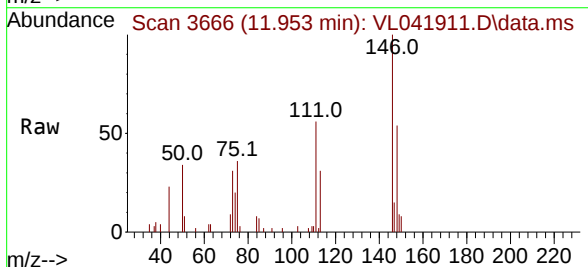
Tgt Ion:146 Resp: 2817

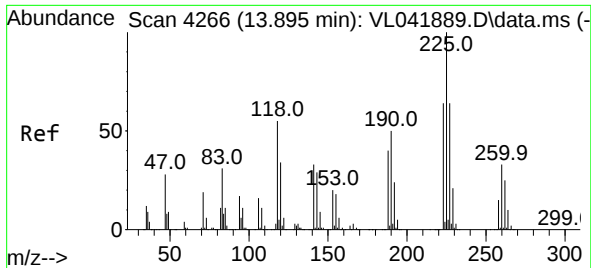
Ion Ratio Lower Upper

146 100

111 46.7 24.2 72.6

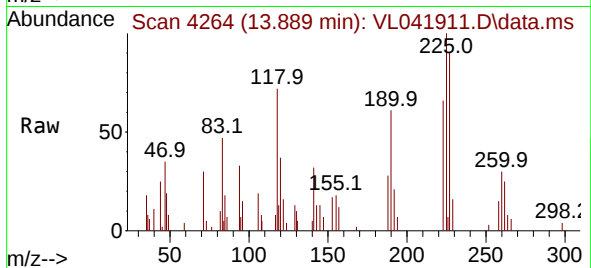
148 55.1 31.7 95.1



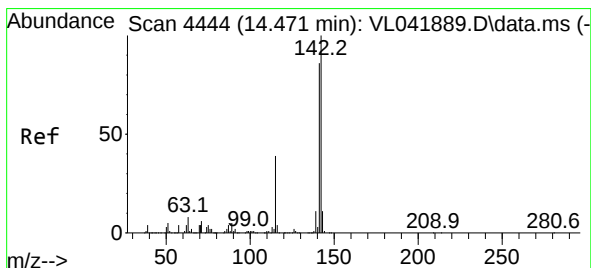
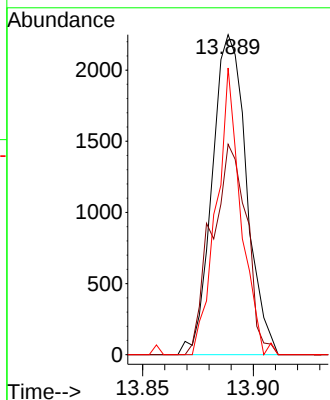
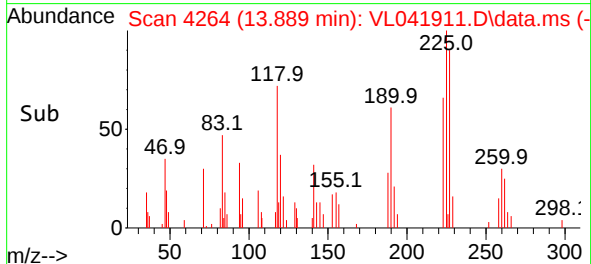


#78
 Hexachloro-1,3-Butadiene
 Concen: 0.106 ppbv
 RT: 13.889 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53

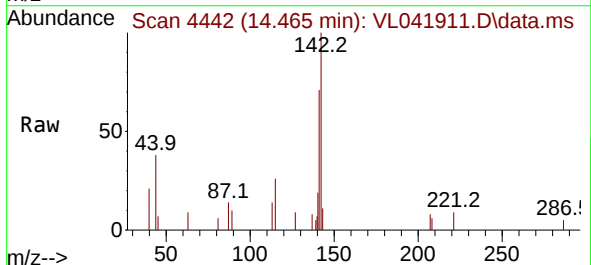
Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:225 Resp: 2426
 Ion Ratio Lower Upper
 225 100
 223 67.2 50.8 76.2
 227 64.1 50.3 75.5



#80
 Naphthalene,2-methyl-
 Concen: 0.053 ppbv
 RT: 14.465 min Scan# 4442
 Delta R.T. -0.007 min
 Lab File: VL041911.D
 Acq: 15 Jan 2025 01:53



Tgt Ion:142 Resp: 1192
 Ion Ratio Lower Upper
 142 100
 141 96.8 68.1 102.1
 115 42.3 31.7 47.5

