

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040748.D
 Acq On : 4 Oct 2023 20:13
 Operator : SY/MD
 Sample : 04716-13 LOD 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 05 04:29:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	777361	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2117129	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	1726397	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1336964	10.023	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%

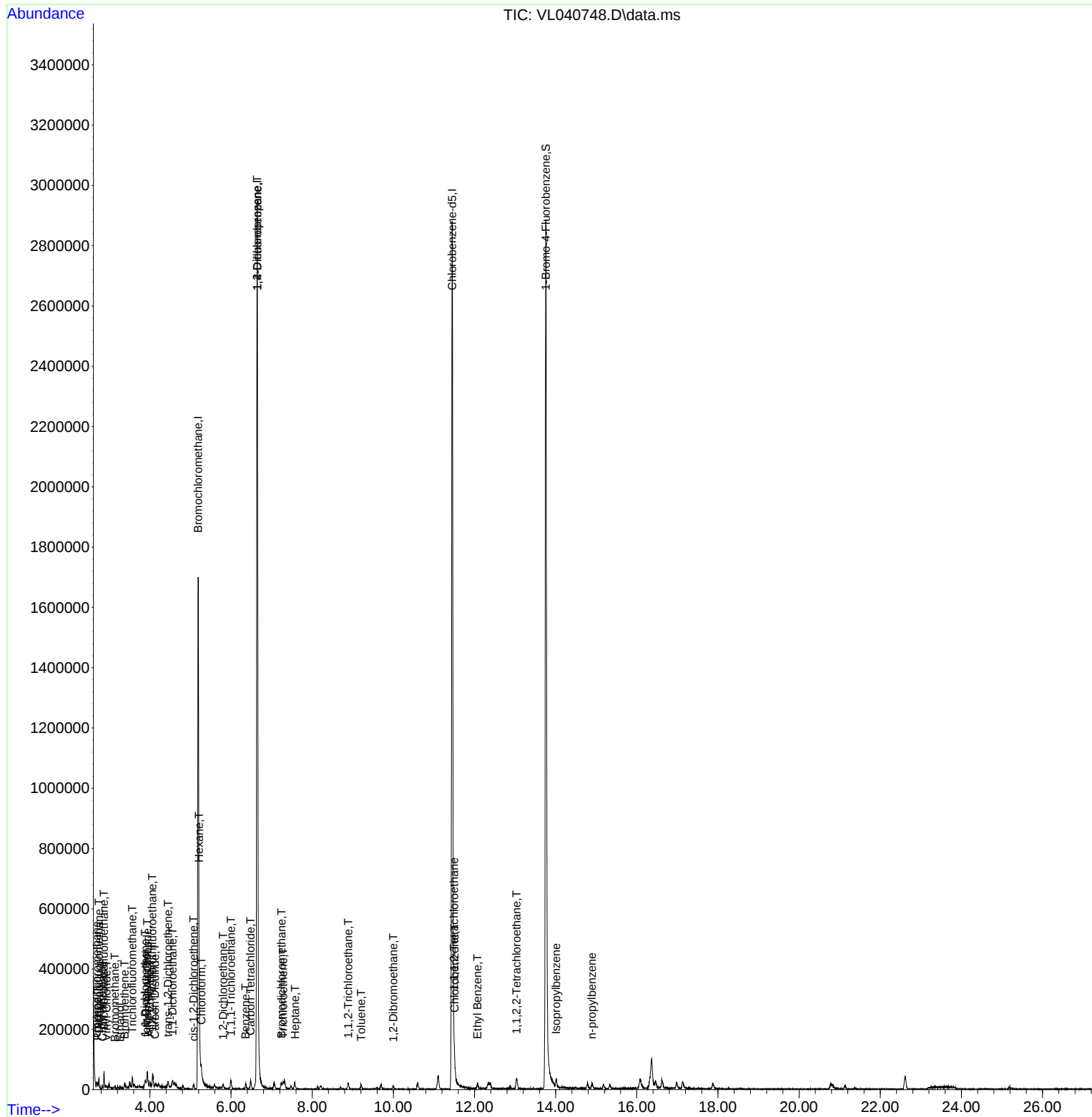
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	21132	0.123	ppbv	96
3) Chlorodifluoromethane	2.690	51	16618	0.131	ppbv	94
4) Chloromethane	2.828	50	6911	0.143	ppbv #	81
5) Vinyl Chloride	2.931	62	5760	0.101	ppbv	97
6) Bromomethane	3.134	94	2972	0.108	ppbv #	29
8) Dichlorotetrafluoroethane	2.864	85	9233	0.065	ppbv #	17
9) Propene	2.703	41	2046	0.056	ppbv #	1
10) Heptane	7.574	43	3627	0.044	ppbv #	26
11) Trichlorofluoromethane	3.568	101	20124	0.134	ppbv #	72
12) 1,1,2-Trichlorotrifluo...	4.060	101	6004	0.056	ppbv #	14
13) Ethanol	3.266	45	702	0.065	ppbv	88
14) Bromoethene	3.375	108	5569	0.123	ppbv #	86
17) tert-Butyl alcohol	3.915	59	11971	0.114	ppbv	98
18) 1,1-Dichloroethene	3.880	96	5185	0.108	ppbv #	62
20) Methylene Chloride	3.938	84	14222	0.258	ppbv	91
21) Allyl Chloride	3.996	41	3835	0.061	ppbv #	18
22) trans-1,2-Dichloroethene	4.446	96	3215	0.068	ppbv #	61
24) 1,1-Dichloroethane	4.561	63	4338	0.044	ppbv #	84
26) Hexane	5.208	57	4632	0.059	ppbv #	1
27) Carbon Disulfide	4.127	76	11984	0.110	ppbv #	50
29) Chloroform	5.272	83	15524	0.115	ppbv	96
31) cis-1,2-Dichloroethene	5.073	61	4491	0.062	ppbv #	79
32) 1,1,1-Trichloroethane	5.996	97	14499	0.105	ppbv	95
35) Carbon Tetrachloride	6.481	117	7776	0.053	ppbv	94
36) Benzene	6.356	78	7325	0.047	ppbv	95
37) 1,2-Dichloroethane	5.803	62	5966	0.056	ppbv	99
38) Trichloroethene	7.282	130	5099	0.085	ppbv #	84
39) 1,2-Dichloropropane	6.642	63	534785	8.862	ppbv #	23
42) Bromodichloromethane	7.243	83	6433	0.044	ppbv #	94
47) 1,1,2-Trichloroethane	8.889	97	3418	0.049	ppbv #	15
53) Toluene	9.208	91	5109	0.031	ppbv #	20
54) 1,2-Dibromoethane	9.999	107	3426	0.039	ppbv #	68
56) 1,1,1,2-Tetrachloroethane	11.494	131	3053	0.037	ppbv #	1
57) Chlorobenzene	11.510	112	4899	0.037	ppbv #	54
58) Ethyl Benzene	12.072	91	6886	0.035	ppbv	91
62) Isopropylbenzene	14.014	105	15193	0.057	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	6022	0.044	ppbv #	22
64) n-propylbenzene	14.892	120	2677	0.040	ppbv #	1

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

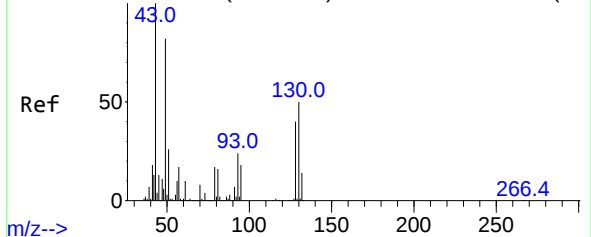
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
Data File : VL040748.D
Acq On : 4 Oct 2023 20:13
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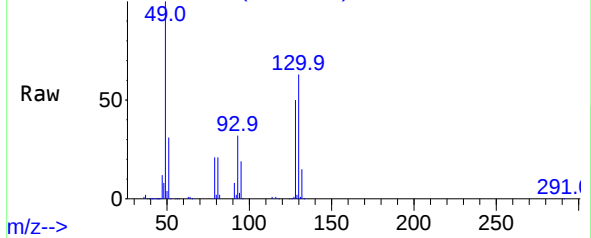
Quant Time: Oct 05 04:29:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration



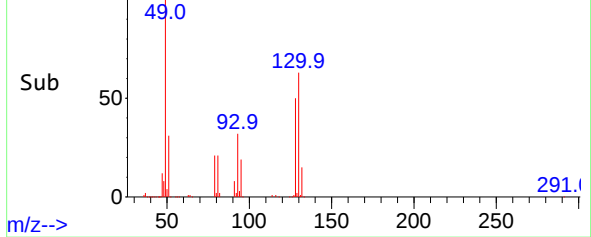
Abundance Scan 803 (5.185 min): VL040683.D\data.ms (-78)



Abundance Scan 804 (5.188 min): VL040748.D\data.ms



Abundance Scan 804 (5.188 min): VL040748.D\data.ms (-65)



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.188 min Scan# 80

Delta R.T. -0.010 min

Lab File: VL040748.D

Acq: 4 Oct 2023 20:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 49 Resp: 777361

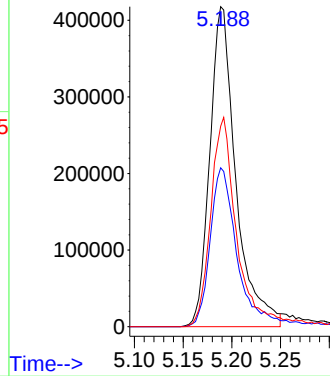
Ion Ratio Lower Upper

49 100

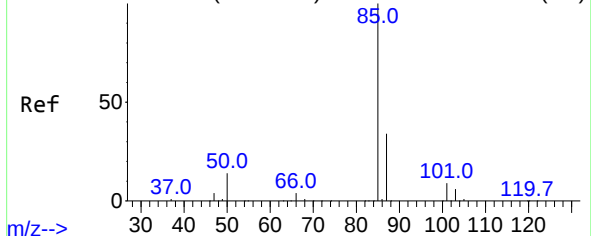
128 53.5 25.4 76.0

130 68.1 32.3 96.8

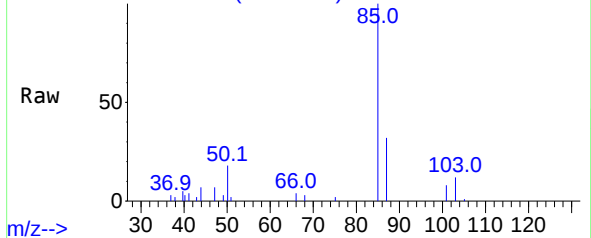
Abundance



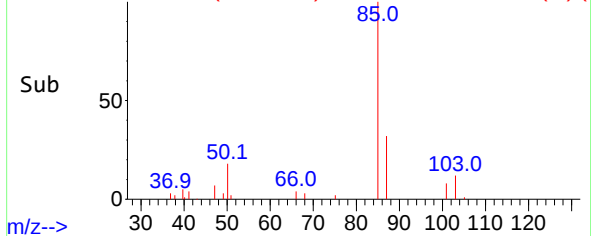
Abundance Scan 36 (2.719 min): VL040683.D\data.ms (-27)



Abundance Scan 43 (2.742 min): VL040748.D\data.ms



Abundance Scan 43 (2.742 min): VL040748.D\data.ms (-1)



#2

Dichlorodifluoromethane

Concen: 0.123 ppbv

RT: 2.742 min Scan# 43

Delta R.T. 0.010 min

Lab File: VL040748.D

Acq: 4 Oct 2023 20:13

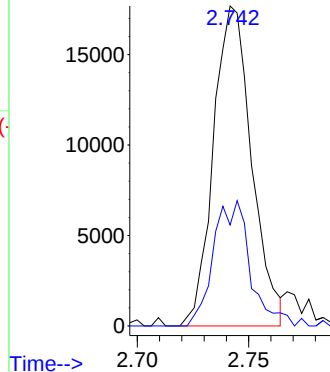
Tgt Ion: 85 Resp: 21132

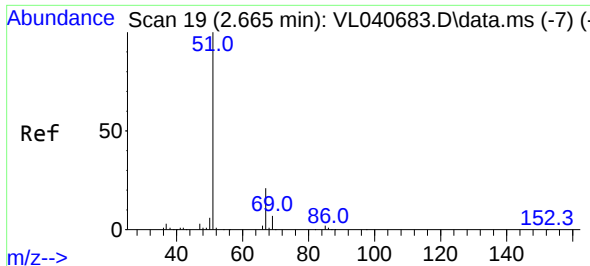
Ion Ratio Lower Upper

85 100

87 31.6 27.2 40.8

Abundance





#3

Chlorodifluoromethane

Concen: 0.131 ppbv

RT: 2.690 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL040748.D

Acq: 4 Oct 2023 20:13

Instrument :

MSVOA_L

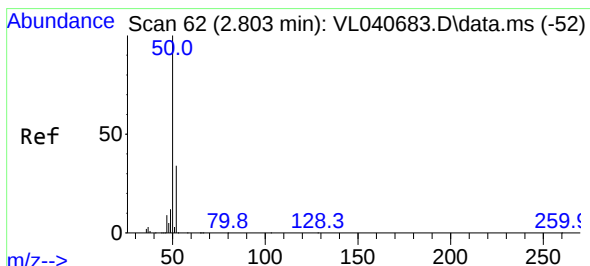
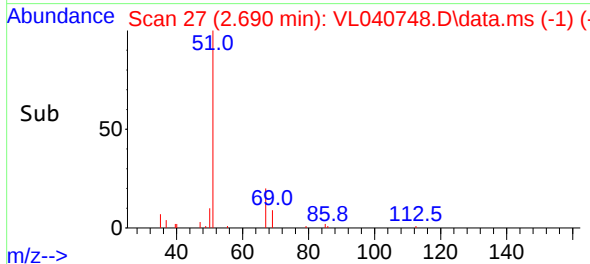
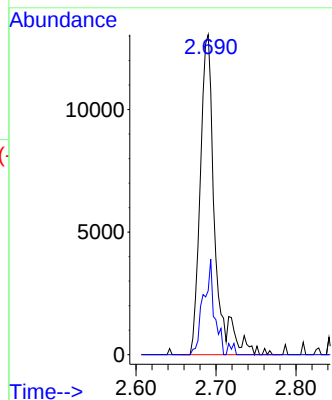
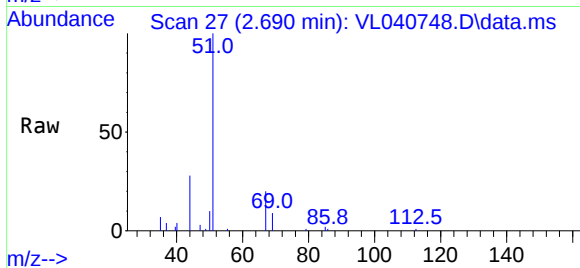
ClientSampleId :

Tgt Ion: 51 Resp: 16618

Ion Ratio Lower Upper

51 100

67 23.6 16.7 25.1



#4

Chloromethane

Concen: 0.143 ppbv

RT: 2.828 min Scan# 70

Delta R.T. 0.013 min

Lab File: VL040748.D

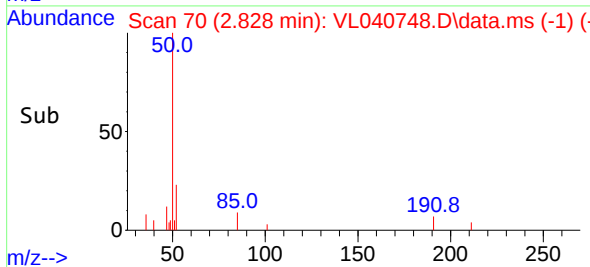
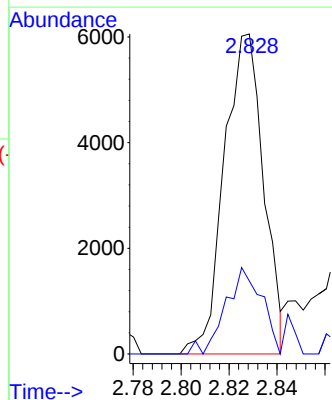
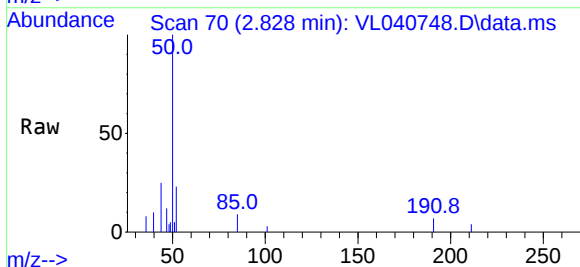
Acq: 4 Oct 2023 20:13

Tgt Ion: 50 Resp: 6911

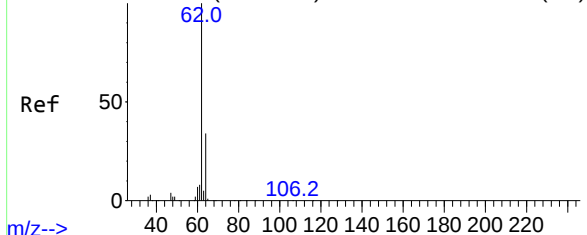
Ion Ratio Lower Upper

50 100

52 22.8 27.1 40.7#



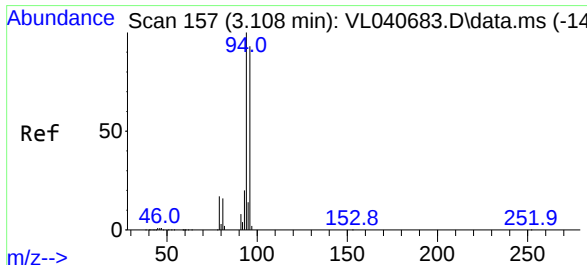
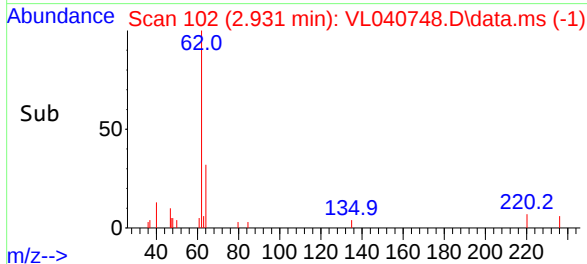
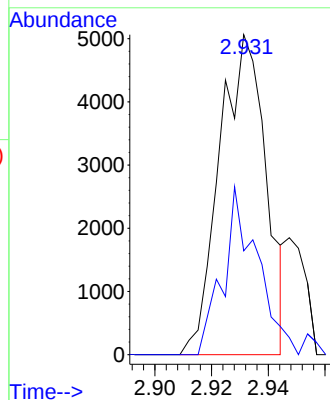
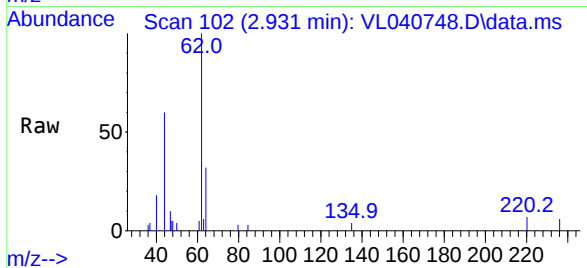
Abundance Scan 95 (2.909 min): VL040683.D\data.ms (-86)



#5
Vinyl Chloride
Concen: 0.101 ppbv
RT: 2.931 min Scan# 102
Delta R.T. 0.006 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

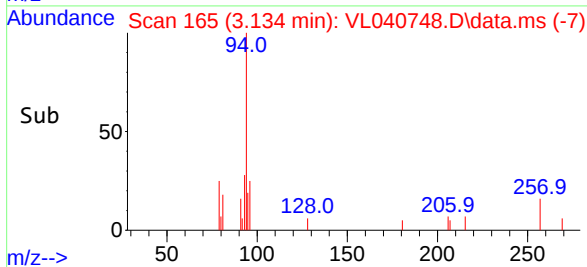
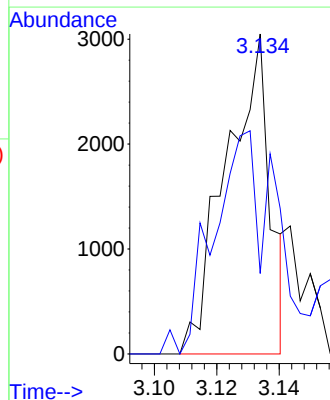
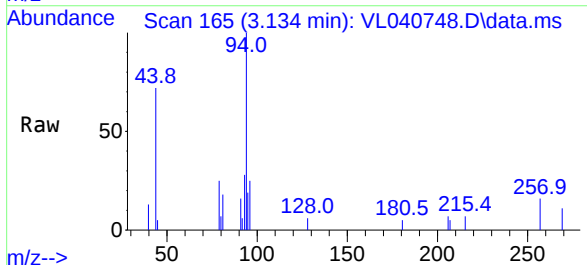
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 5760
Ion Ratio Lower Upper
62 100
64 32.5 27.2 40.8

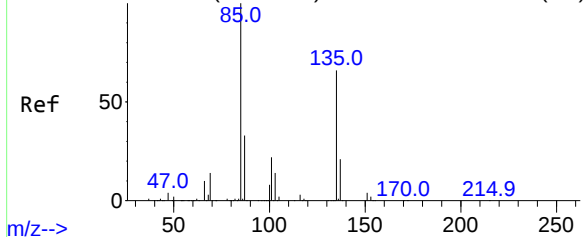


#6
Bromomethane
Concen: 0.108 ppbv
RT: 3.134 min Scan# 165
Delta R.T. 0.010 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 94 Resp: 2972
Ion Ratio Lower Upper
94 100
96 25.1 74.4 111.6#



Abundance Scan 76 (2.848 min): VL040683.D\data.ms (-66)

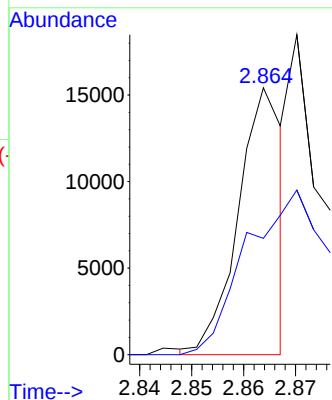
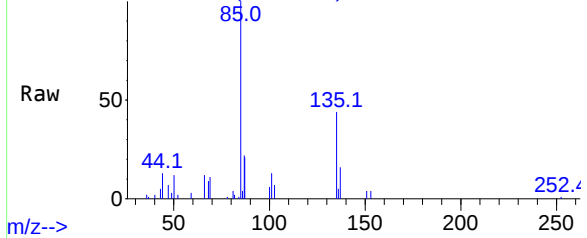


#8
Dichlorotetrafluoroethane
Concen: 0.065 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

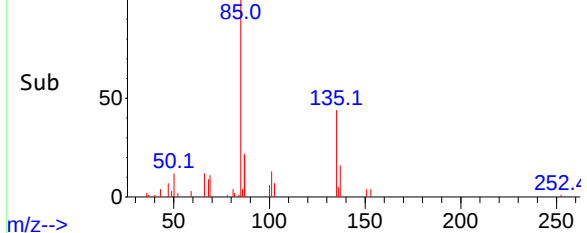
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 85 Resp: 9233
Ion Ratio Lower Upper
85 100
135 0.0 53.4 80.2#

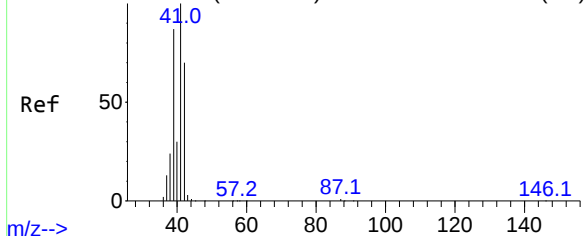
Abundance Scan 81 (2.864 min): VL040748.D\data.ms



Abundance Scan 81 (2.864 min): VL040748.D\data.ms (-1) (-



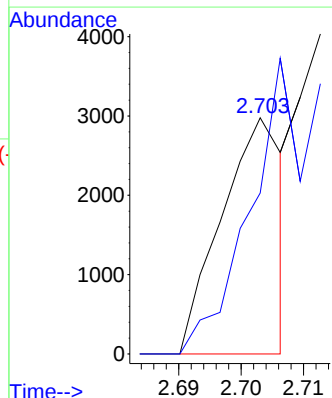
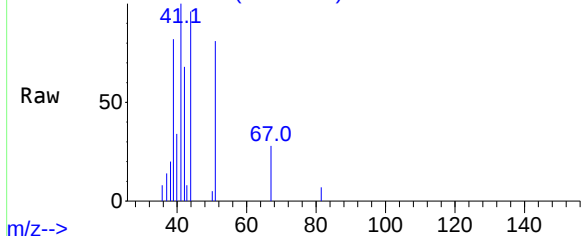
Abundance Scan 25 (2.684 min): VL040683.D\data.ms (-16)



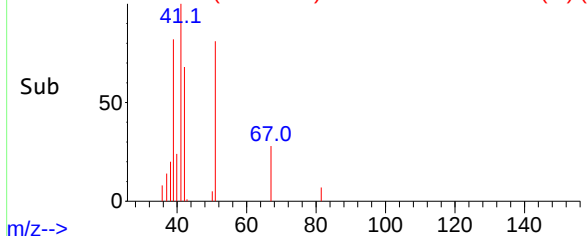
#9
Propene
Concen: 0.056 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

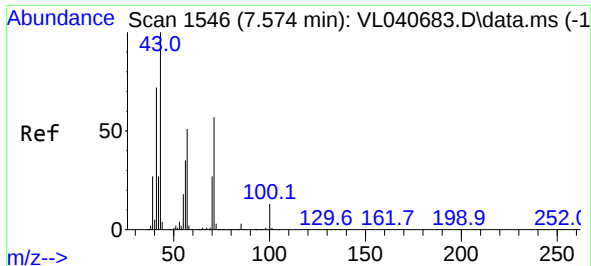
Tgt Ion: 41 Resp: 2046
Ion Ratio Lower Upper
41 100
42 225.1 56.7 85.1#

Abundance Scan 31 (2.703 min): VL040748.D\data.ms



Abundance Scan 31 (2.703 min): VL040748.D\data.ms (-1) (-

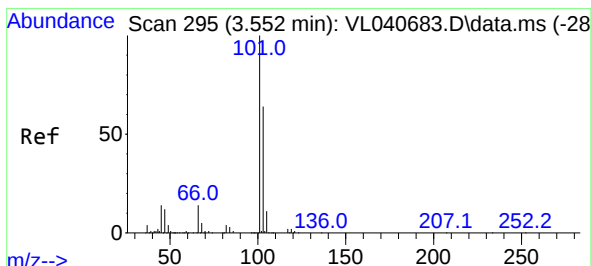
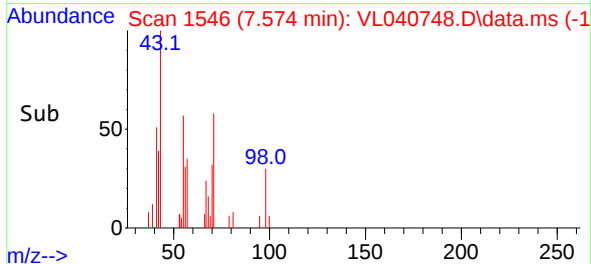
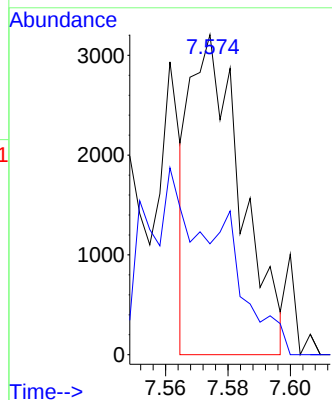
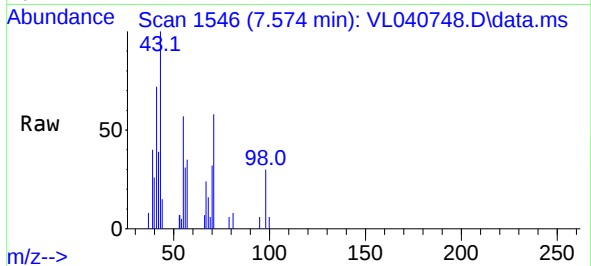




#10
Heptane
Concen: 0.044 ppbv
RT: 7.574 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

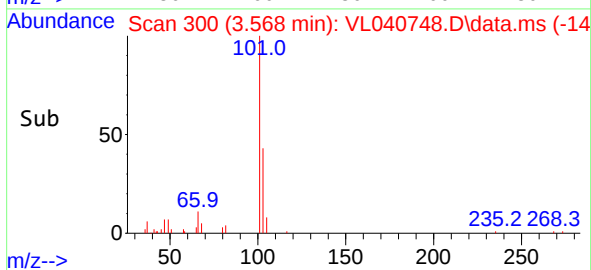
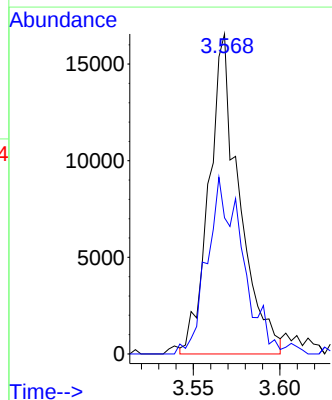
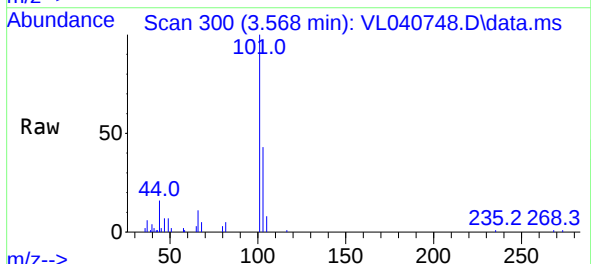
Instrument :
MSVOA_L
ClientSampleId :

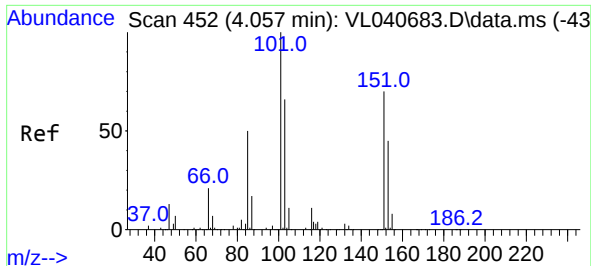
Tgt Ion: 43 Resp: 3627
Ion Ratio Lower Upper
43 100
57 0.0 41.8 62.6#



#11
Trichlorofluoromethane
Concen: 0.134 ppbv
RT: 3.568 min Scan# 300
Delta R.T. -0.000 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion:101 Resp: 20124
Ion Ratio Lower Upper
101 100
103 41.9 51.3 76.9#

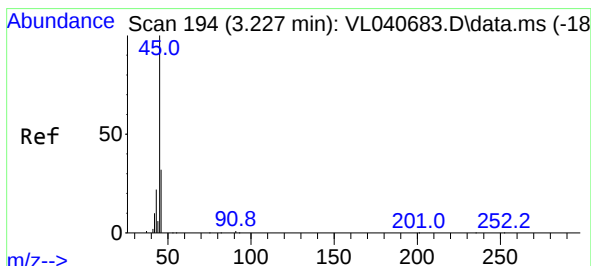
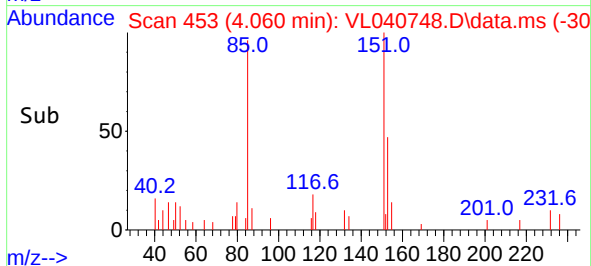
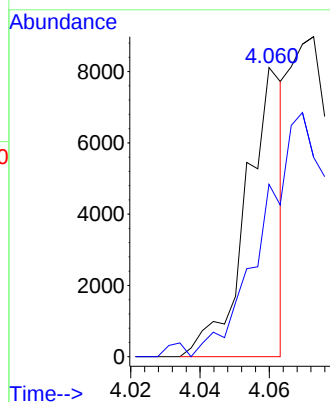
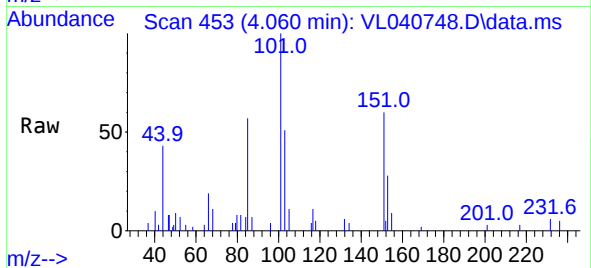




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.056 ppbv
RT: 4.060 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

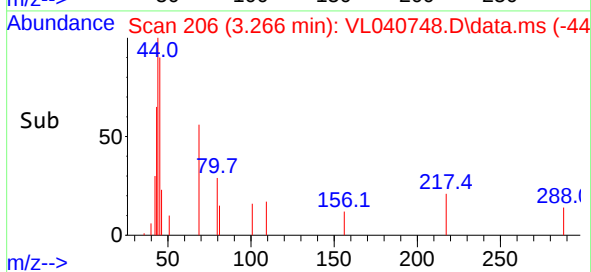
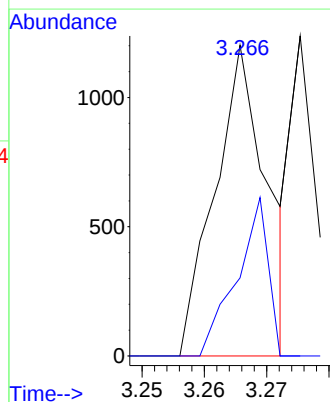
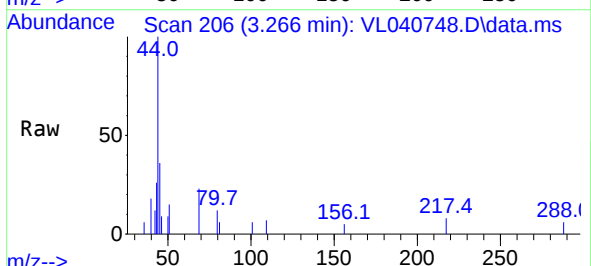
Instrument :
MSVOA_L
ClientSampleId :

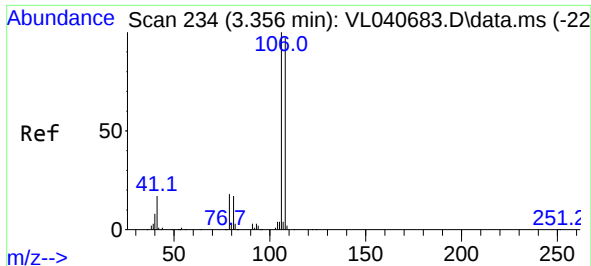
Tgt Ion:101 Resp: 6004
Ion Ratio Lower Upper
101 100
151 0.0 56.8 85.2#



#13
Ethanol
Concen: 0.065 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.022 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

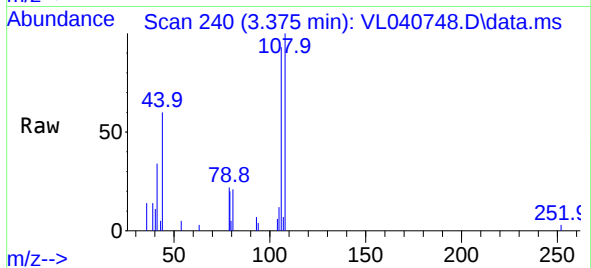
Tgt Ion: 45 Resp: 702
Ion Ratio Lower Upper
45 100
46 30.6 15.2 61.0



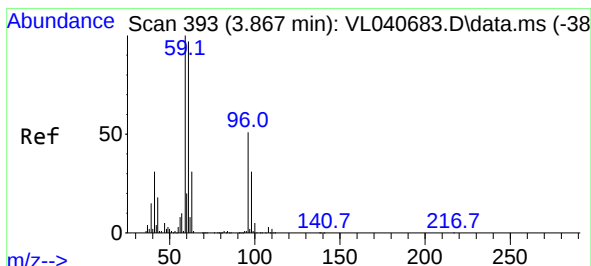
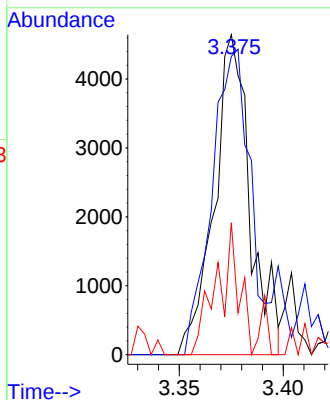
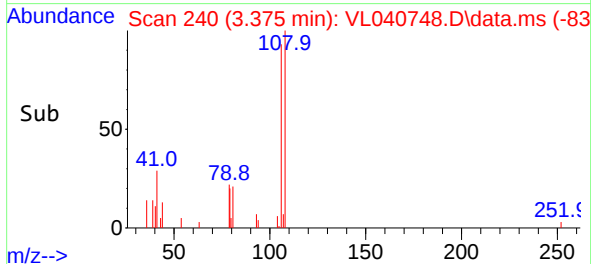


#14
Bromoethene
Concen: 0.123 ppbv
RT: 3.375 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Instrument :
MSVOA_L
ClientSampleId :

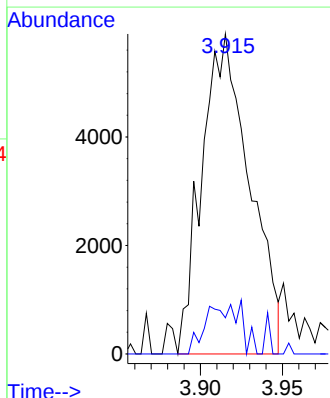
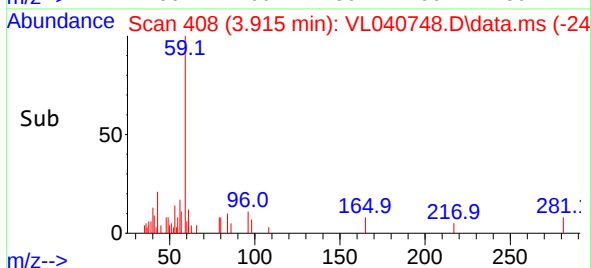
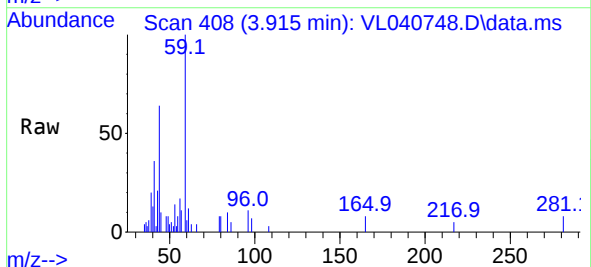


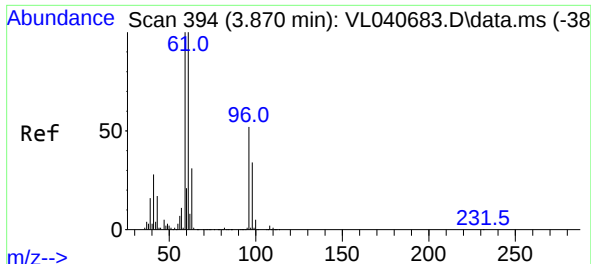
Tgt Ion:108 Resp: 5569
Ion Ratio Lower Upper
108 100
106 120.3 86.0 129.0
79 29.4 15.6 23.4#



#17
tert-Butyl alcohol
Concen: 0.114 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.032 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 59 Resp: 11971
Ion Ratio Lower Upper
59 100
57 11.6 8.7 13.1

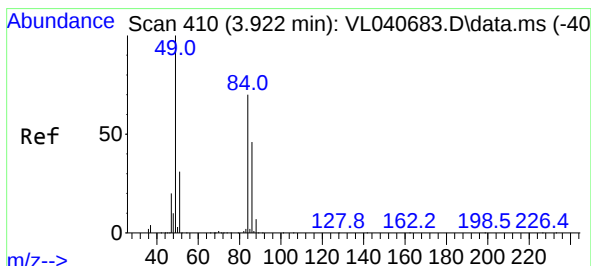
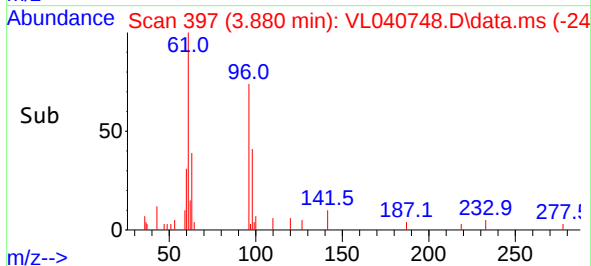
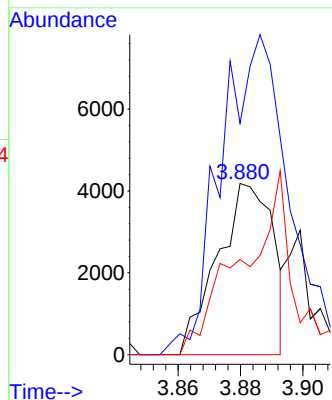
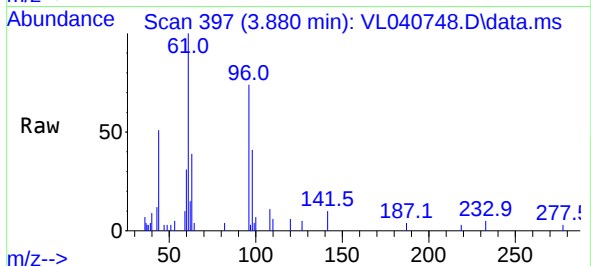




#18
1,1-Dichloroethene
Concen: 0.108 ppbv
RT: 3.880 min Scan# 394
Delta R.T. -0.003 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

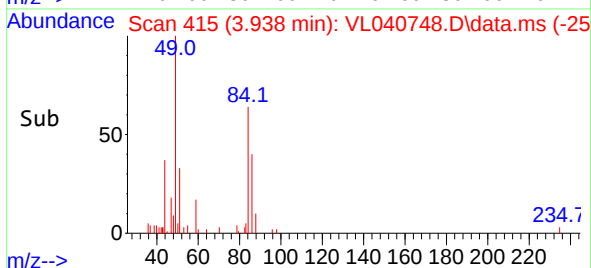
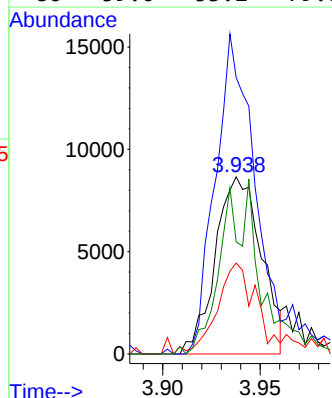
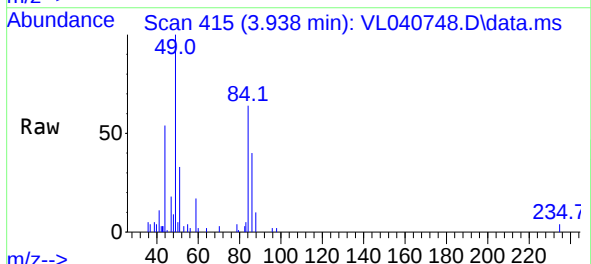
Instrument :
MSVOA_L
ClientSampleId :

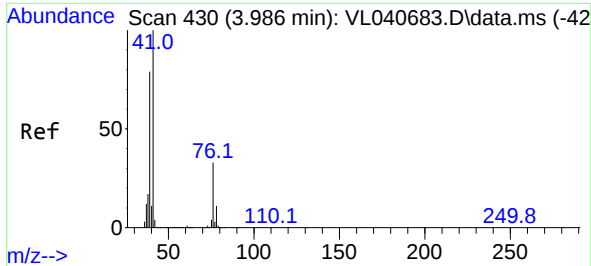
Tgt Ion: 96 Resp: 5185
Ion Ratio Lower Upper
96 100
61 122.9 153.6 230.4#
98 55.6 51.9 77.9



#20
Methylene Chloride
Concen: 0.258 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.000 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 84 Resp: 14222
Ion Ratio Lower Upper
84 100
49 156.0 114.4 171.6
51 47.3 35.5 53.3
86 59.0 53.2 79.8

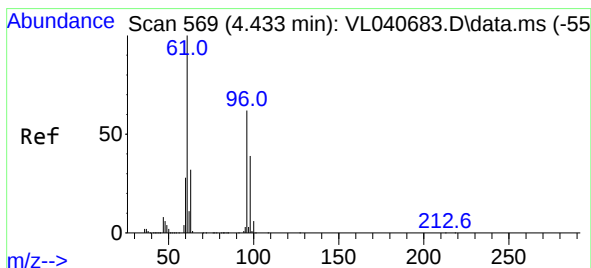
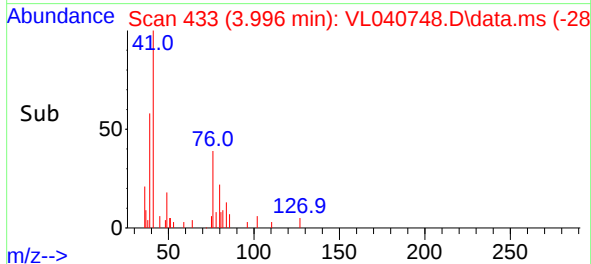
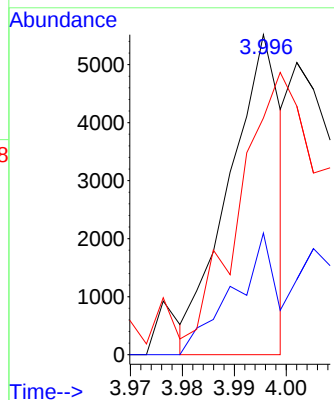
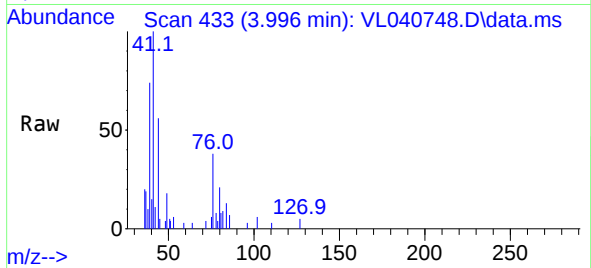




#21
Allyl Chloride
Concen: 0.061 ppbv
RT: 3.996 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

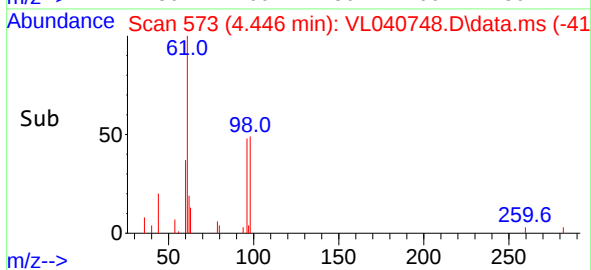
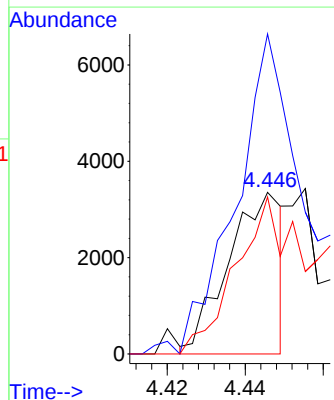
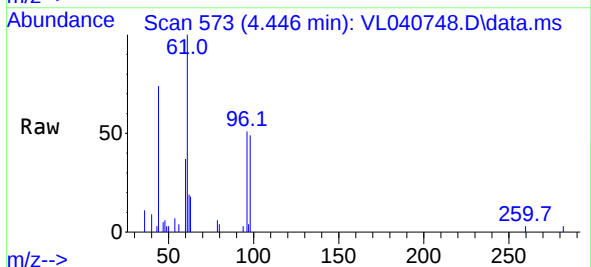
Instrument :
MSVOA_L
ClientSampleId :

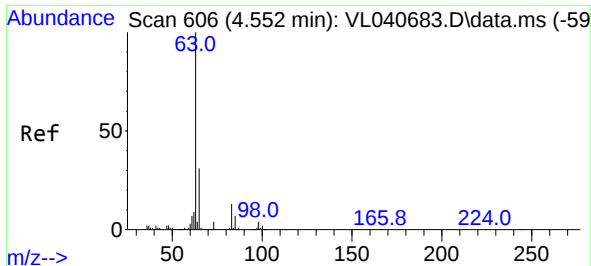
Tgt Ion: 41 Resp: 3835
Ion Ratio Lower Upper
41 100
76 66.8 26.6 40.0#
39 0.0 65.0 97.4#



#22
trans-1,2-Dichloroethene
Concen: 0.068 ppbv
RT: 4.446 min Scan# 573
Delta R.T. -0.006 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 96 Resp: 3215
Ion Ratio Lower Upper
96 100
61 207.6 129.9 194.9#
98 101.8 50.2 75.4#

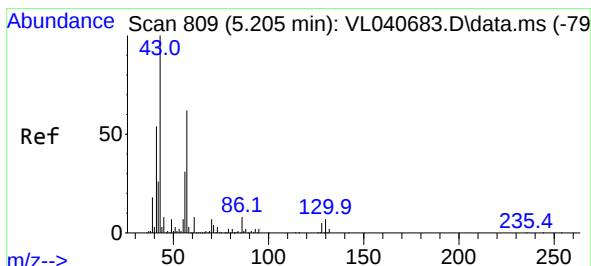
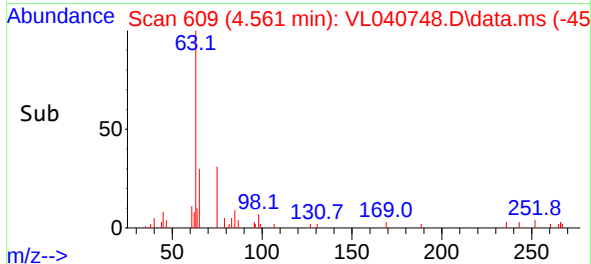
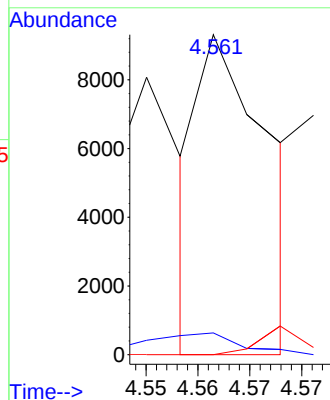
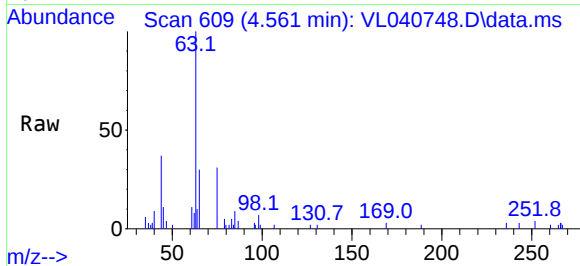




#24
1,1-Dichloroethane
Concen: 0.044 ppbv
RT: 4.561 min Scan# 60
Delta R.T. -0.006 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

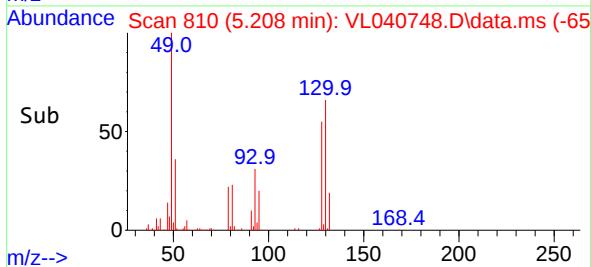
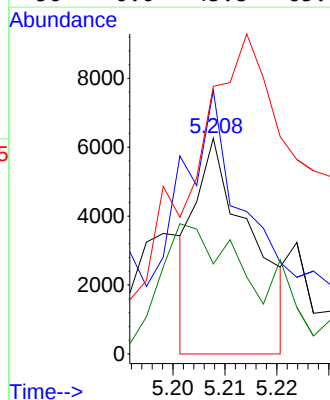
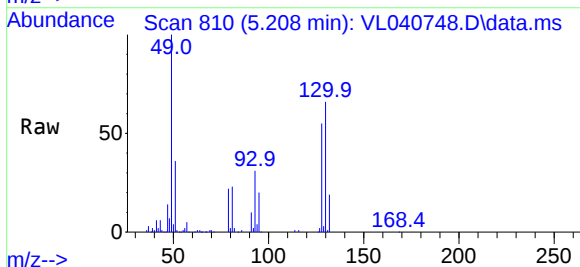
Instrument :
MSVOA_L
ClientSampleId :

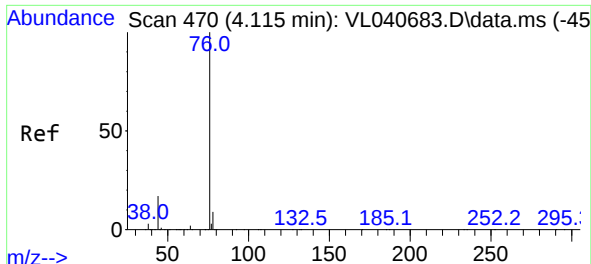
Tgt Ion: 63 Resp: 4338
Ion Ratio Lower Upper
63 100
98 10.9 1.8 5.5#
100 0.0 1.2 3.6#



#26
Hexane
Concen: 0.059 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 57 Resp: 4632
Ion Ratio Lower Upper
57 100
41 226.9 75.2 112.8#
43 416.5 185.6 278.4#
56 0.0 43.8 65.8#

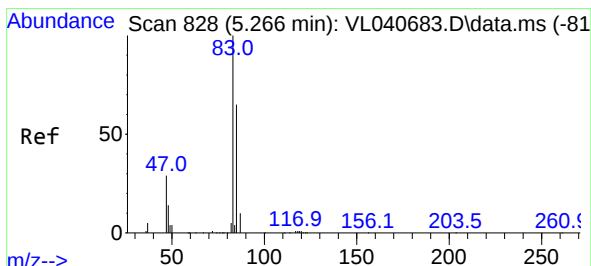
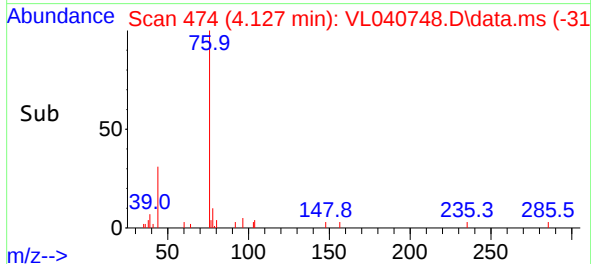
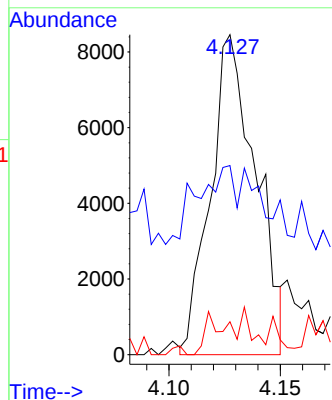
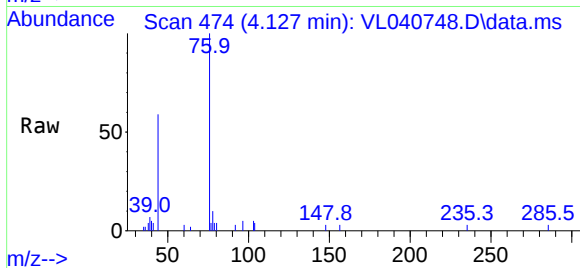




#27
Carbon Disulfide
Concen: 0.110 ppbv
RT: 4.127 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

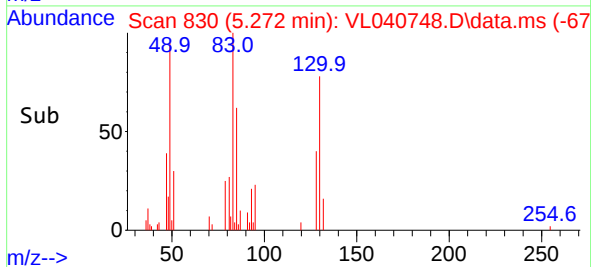
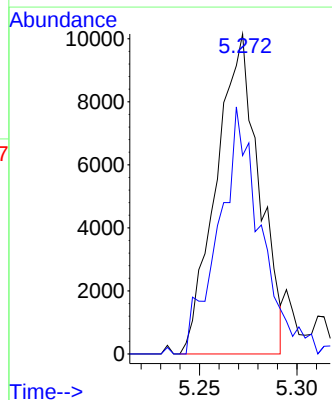
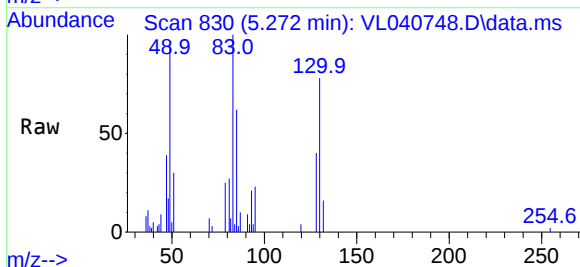
Instrument :
MSVOA_L
ClientSampleId :

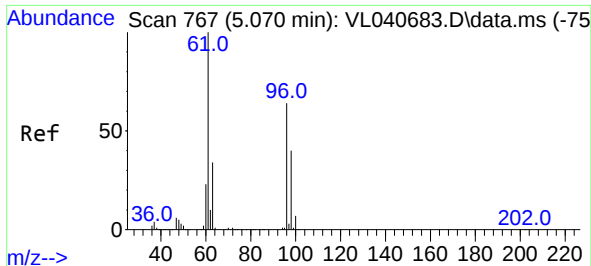
Tgt Ion: 76 Resp: 11984
Ion Ratio Lower Upper
76 100
44 49.6 14.5 21.7#
78 13.3 7.7 11.5#



#29
Chloroform
Concen: 0.115 ppbv
RT: 5.272 min Scan# 830
Delta R.T. -0.010 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 83 Resp: 15524
Ion Ratio Lower Upper
83 100
85 62.0 51.8 77.8

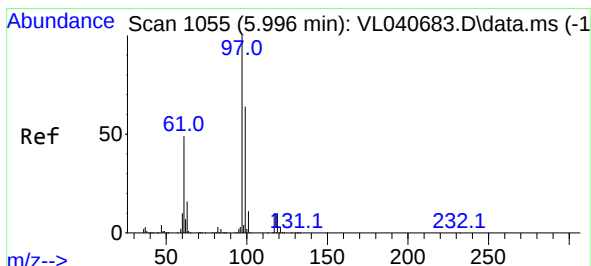
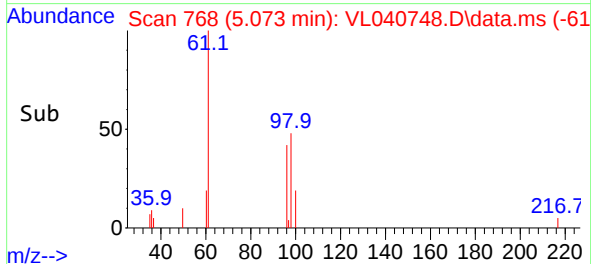
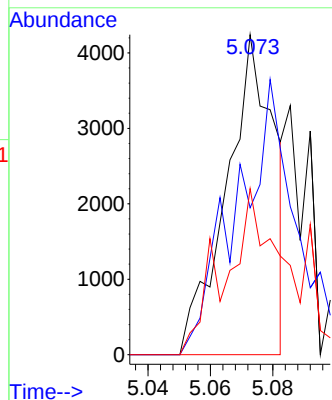
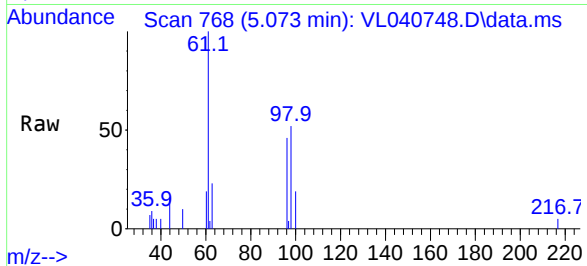




#31
 cis-1,2-Dichloroethene
 Concen: 0.062 ppbv
 RT: 5.073 min Scan# 767
 Delta R.T. -0.013 min
 Lab File: VL040748.D
 Acq: 4 Oct 2023 20:13

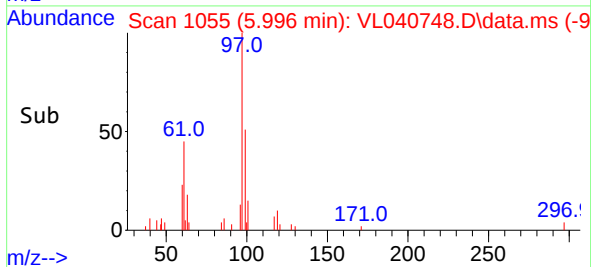
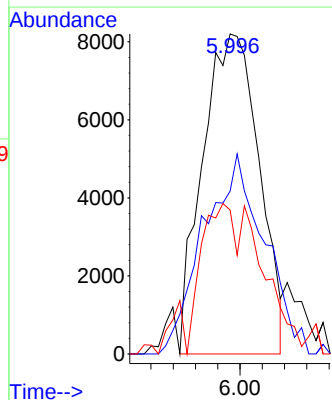
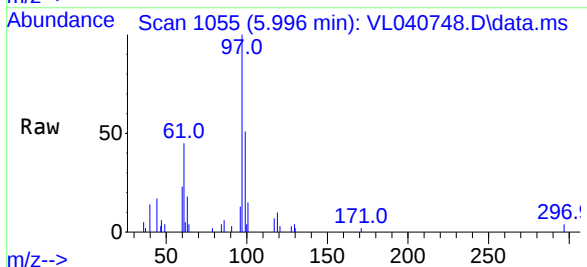
Instrument :
 MSVOA_L
 ClientSampleId :

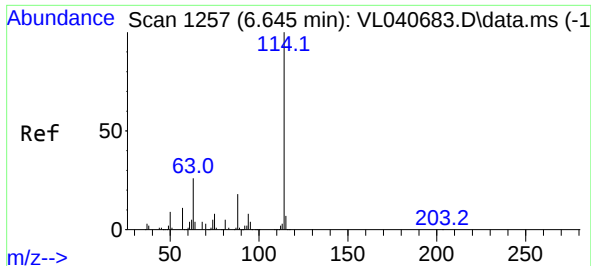
Tgt Ion: 61 Resp: 4491
 Ion Ratio Lower Upper
 61 100
 96 44.3 51.2 76.8#
 98 50.1 32.3 48.5#



#32
 1,1,1-Trichloroethane
 Concen: 0.105 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040748.D
 Acq: 4 Oct 2023 20:13

Tgt Ion: 97 Resp: 14499
 Ion Ratio Lower Upper
 97 100
 99 67.1 52.4 78.6
 61 56.5 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040748.D

Acq: 4 Oct 2023 20:13

Instrument :

MSVOA_L

ClientSampleId :

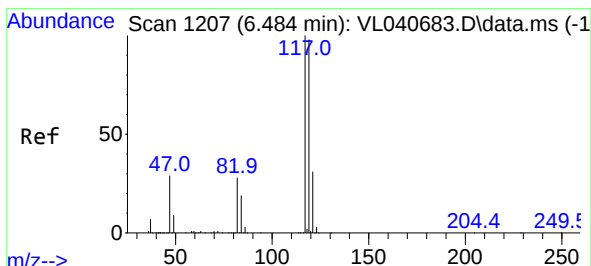
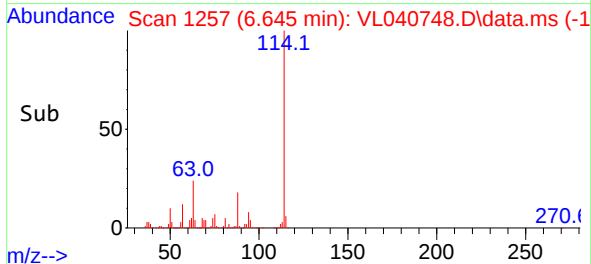
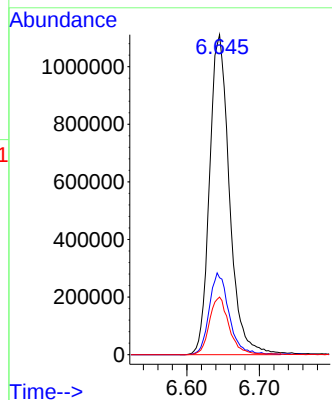
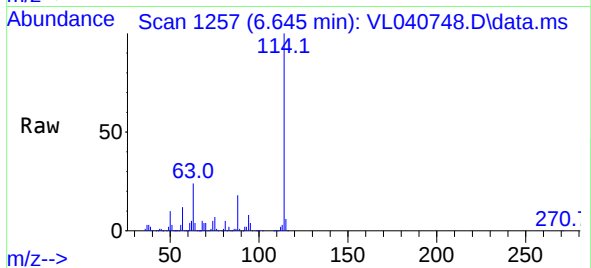
Tgt Ion:114 Resp: 2117129

Ion Ratio Lower Upper

114 100

63 25.8 21.1 31.7

88 18.0 14.5 21.7



#35

Carbon Tetrachloride

Concen: 0.053 ppbv

RT: 6.481 min Scan# 1206

Delta R.T. -0.023 min

Lab File: VL040748.D

Acq: 4 Oct 2023 20:13

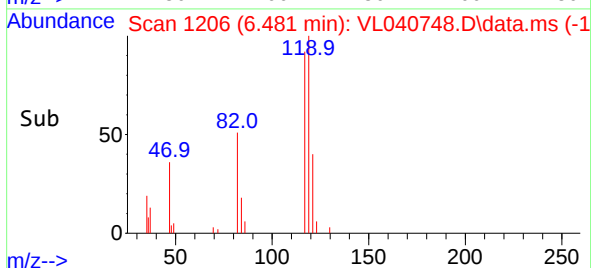
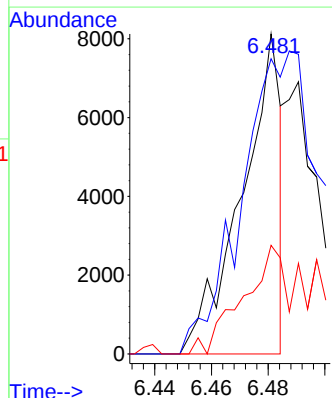
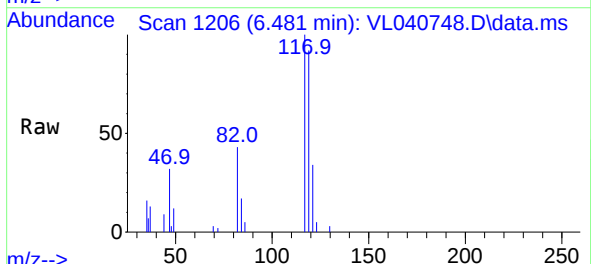
Tgt Ion:117 Resp: 7776

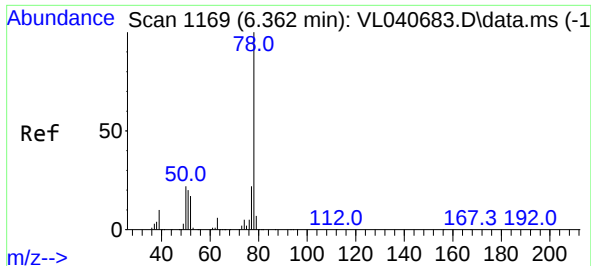
Ion Ratio Lower Upper

117 100

119 92.3 78.6 117.8

121 33.9 24.7 37.1

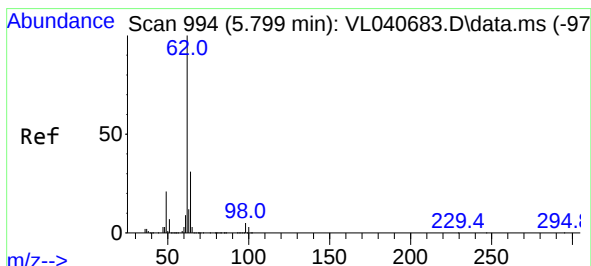
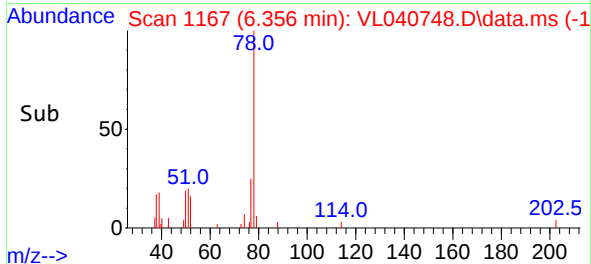
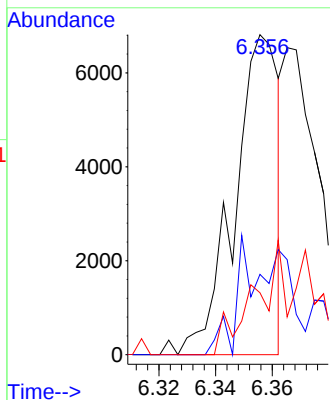
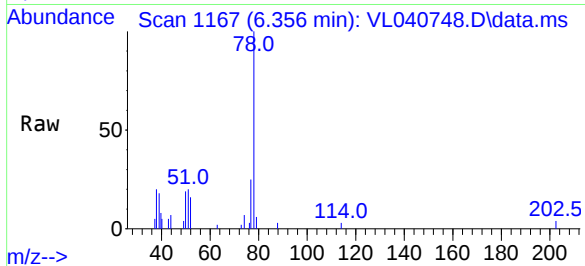




#36
Benzene
Concen: 0.047 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

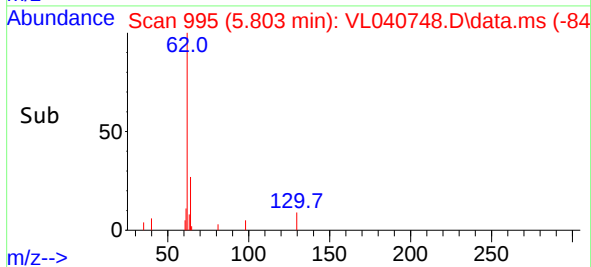
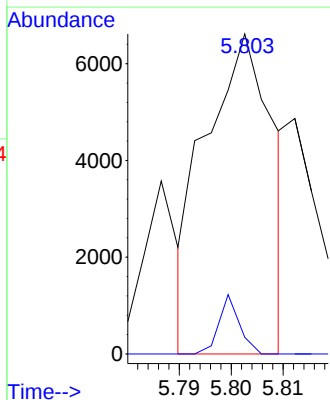
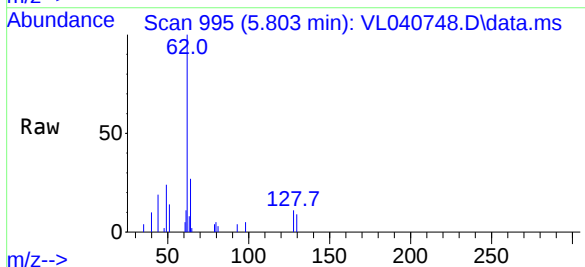
Instrument :
MSVOA_L
ClientSampleId :

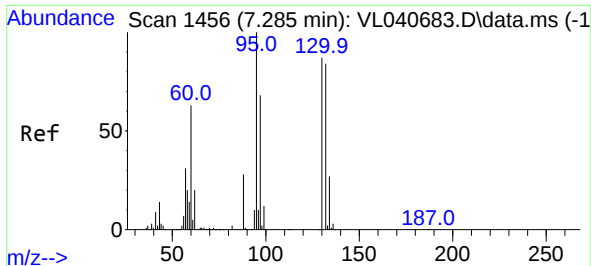
Tgt Ion: 78 Resp: 7325
Ion Ratio Lower Upper
78 100
77 25.1 17.9 26.9
50 19.3 17.3 25.9



#37
1,2-Dichloroethane
Concen: 0.056 ppbv
RT: 5.803 min Scan# 995
Delta R.T. -0.013 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

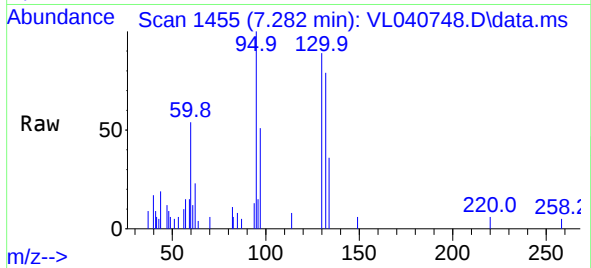
Tgt Ion: 62 Resp: 5966
Ion Ratio Lower Upper
62 100
98 5.6 4.2 6.4



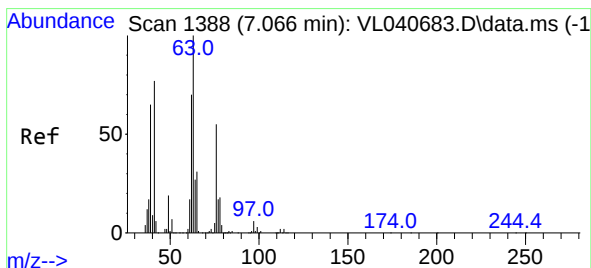
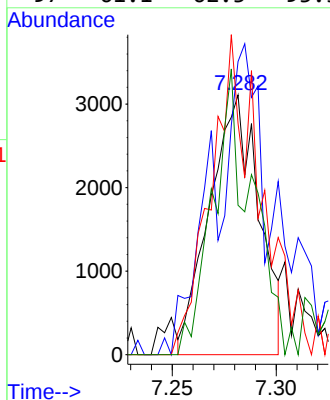
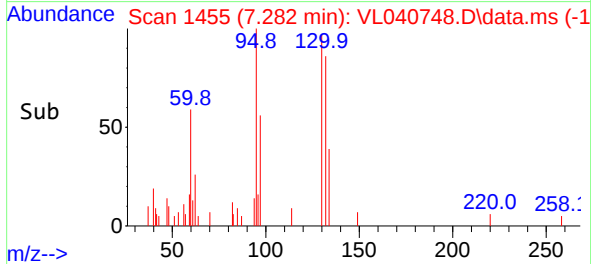


#38
Trichloroethene
Concen: 0.085 ppbv
RT: 7.282 min Scan# 1456
Delta R.T. -0.019 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

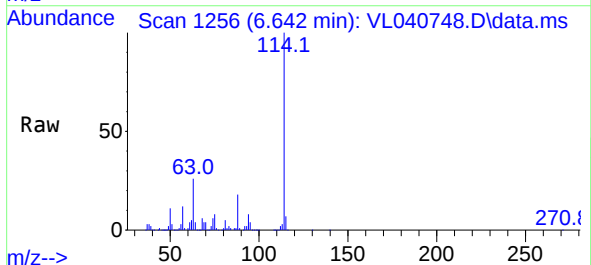
Instrument :
MSVOA_L
ClientSampleId :



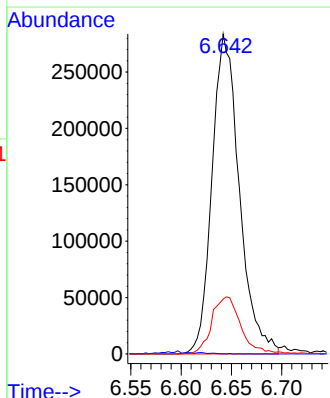
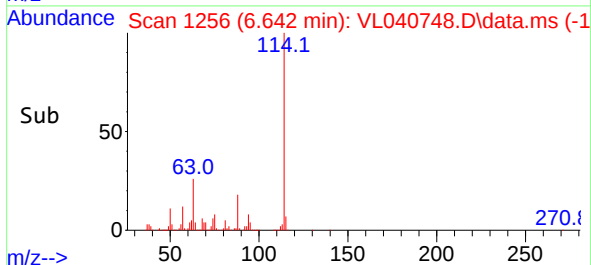
Tgt Ion:130 Resp: 5099
Ion Ratio Lower Upper
130 100
95 95.7 91.9 137.9
132 85.6 77.3 115.9
97 61.1 62.3 93.5#

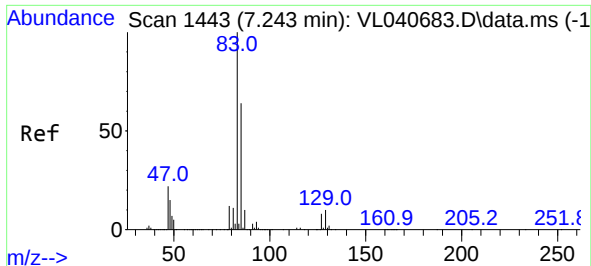


#39
1,2-Dichloropropane
Concen: 8.862 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.441 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13



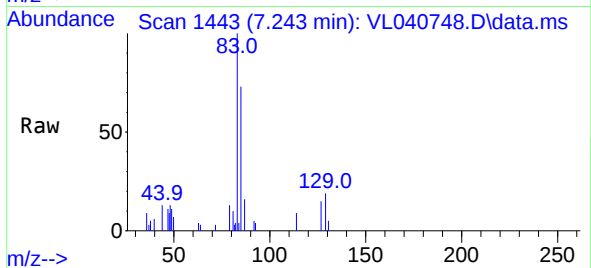
Tgt Ion: 63 Resp: 534785
Ion Ratio Lower Upper
63 100
41 0.1 61.6 92.4#
62 17.2 55.8 83.8#



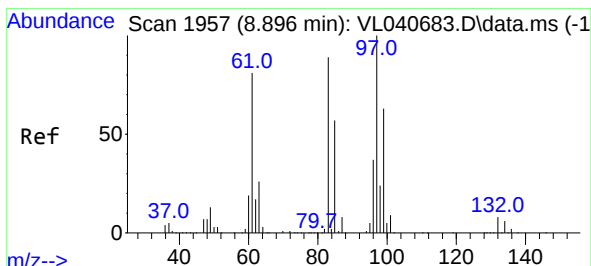
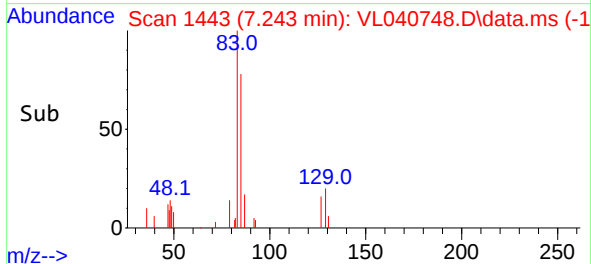
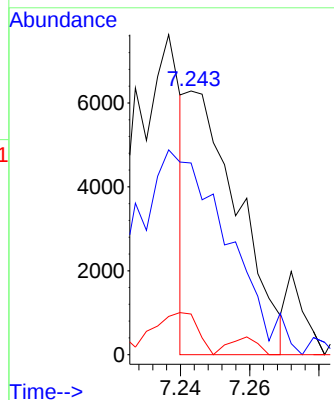


#42
Bromodichloromethane
Concen: 0.044 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.016 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Instrument :
MSVOA_L
ClientSampleId :

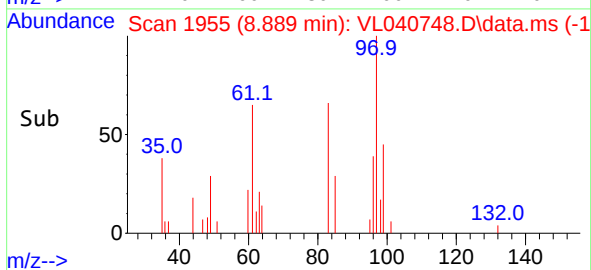
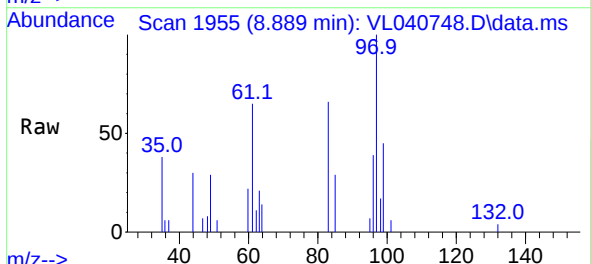
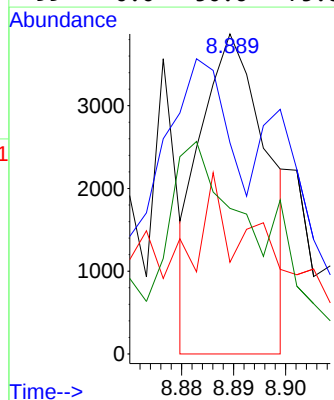


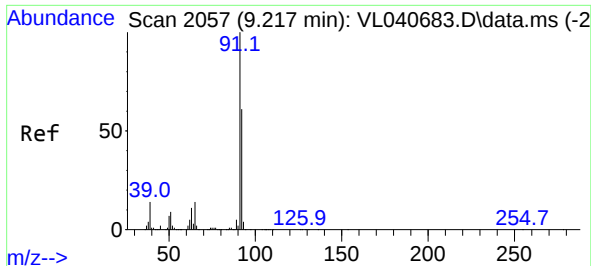
Tgt Ion: 83 Resp: 6433
Ion Ratio Lower Upper
83 100
85 66.8 51.2 76.8
127 18.1 6.2 9.4#



#47
1,1,2-Trichloroethane
Concen: 0.049 ppbv
RT: 8.889 min Scan# 1955
Delta R.T. -0.019 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 97 Resp: 3418
Ion Ratio Lower Upper
97 100
83 0.0 70.8 106.2#
85 3.8 45.7 68.5#
99 0.0 50.6 75.8#

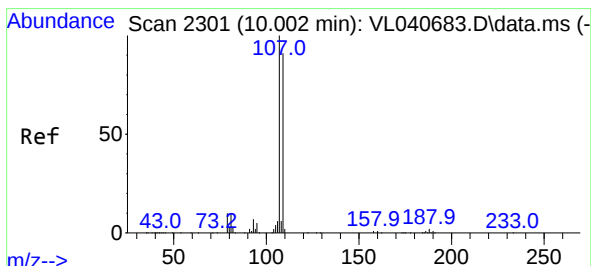
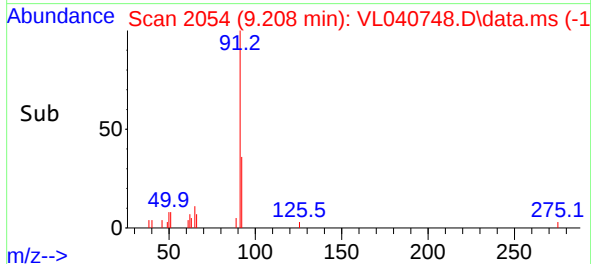
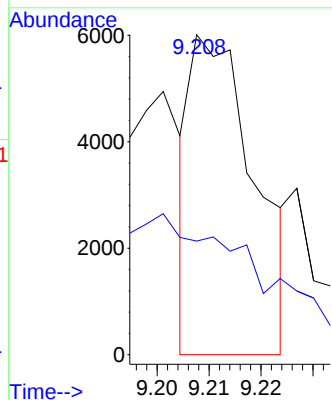
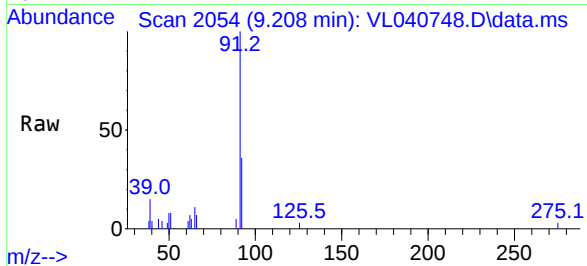




#53
Toluene
Concen: 0.031 ppbv
RT: 9.208 min Scan# 2057
Delta R.T. -0.023 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

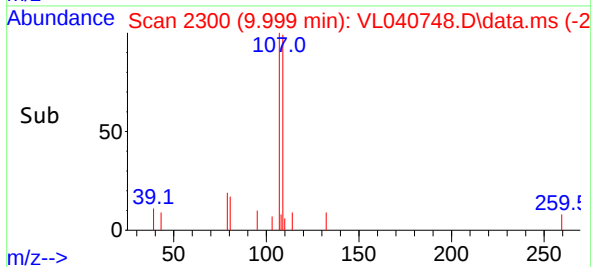
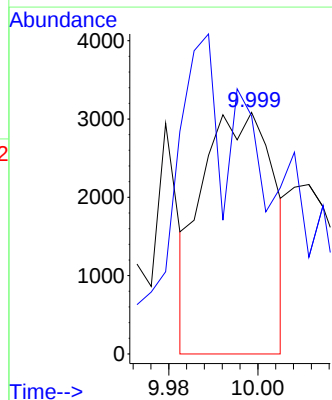
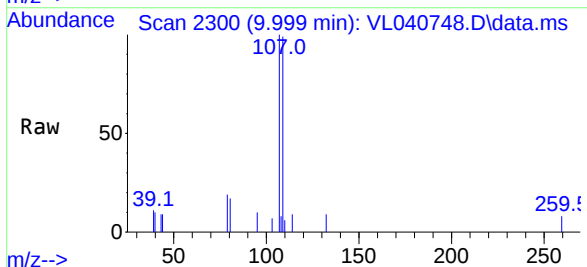
Instrument :
MSVOA_L
ClientSampleId :

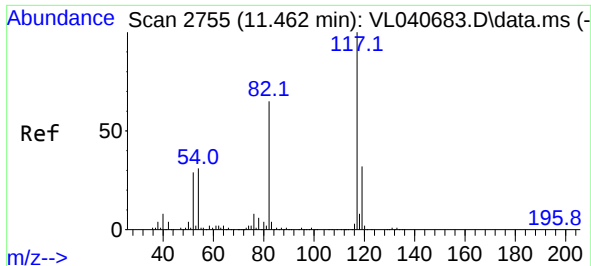
Tgt Ion: 91 Resp: 5109
Ion Ratio Lower Upper
91 100
92 0.0 48.5 72.7#



#54
1,2-Dibromoethane
Concen: 0.039 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.019 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

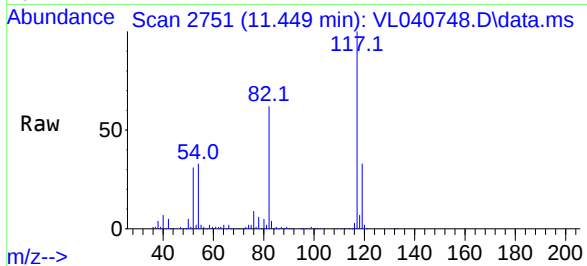
Tgt Ion: 107 Resp: 3426
Ion Ratio Lower Upper
107 100
109 60.2 72.4 108.6#





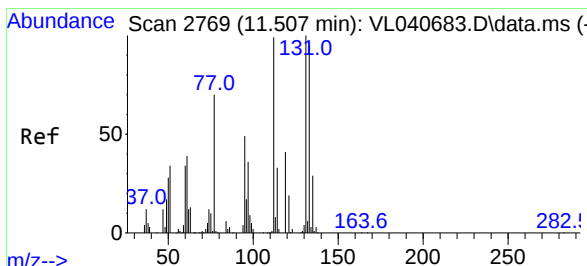
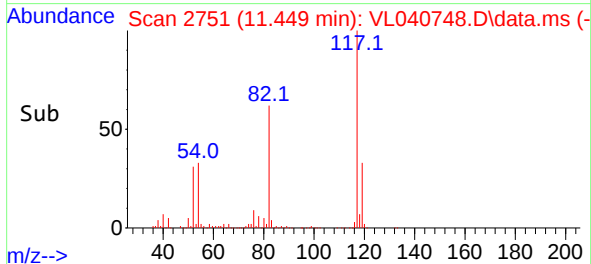
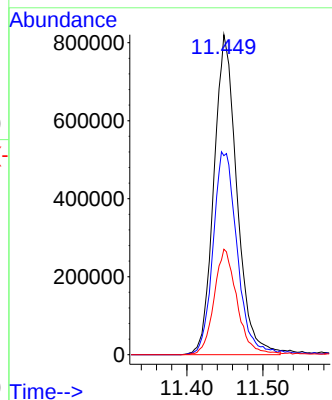
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 1726397

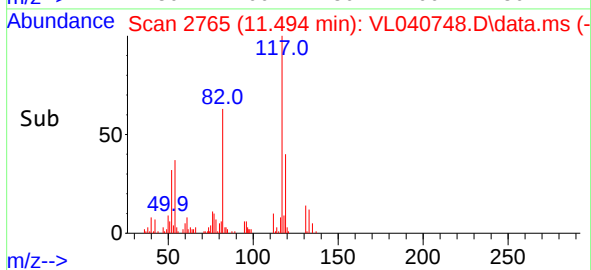
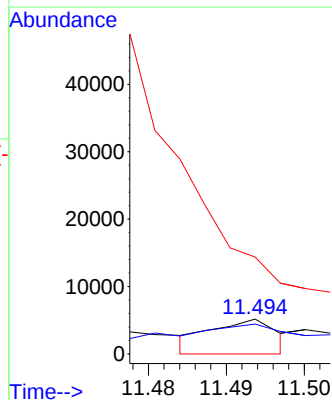
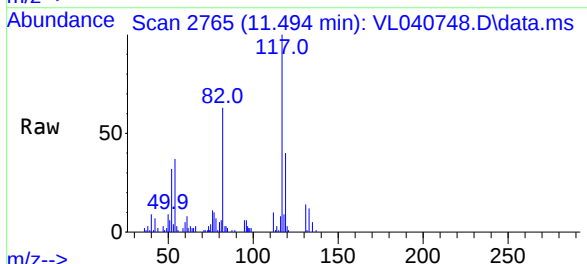
Ion	Ratio	Lower	Upper
117	100		
82	67.5	51.4	77.0
119	33.5	24.7	37.1

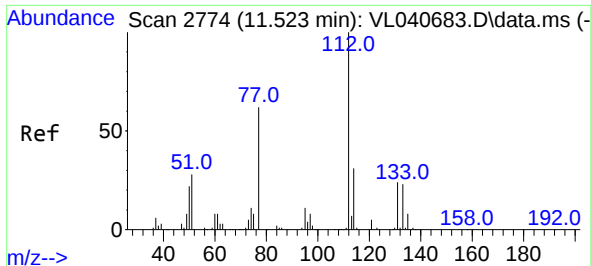


#56
1,1,1,2-Tetrachloroethane
Concen: 0.037 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.026 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion:131 Resp: 3053

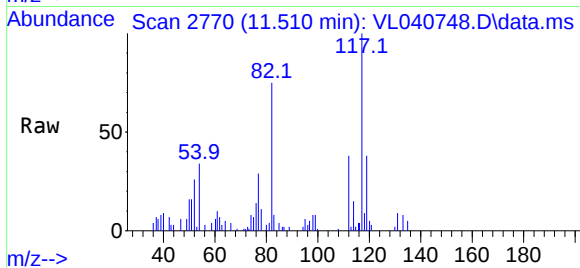
Ion	Ratio	Lower	Upper
131	100		
133	300.4	76.2	114.2#
119	0.0	45.5	68.3#



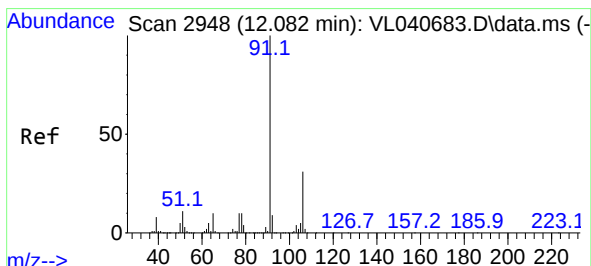
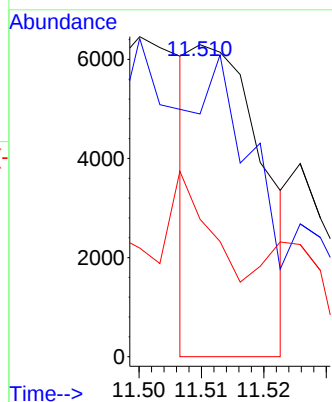
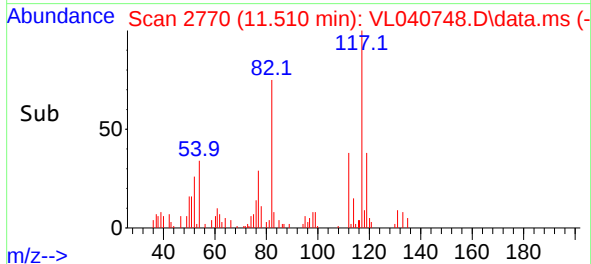


#57
Chlorobenzene
Concen: 0.037 ppbv
RT: 11.510 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Instrument :
MSVOA_L
ClientSampleId :

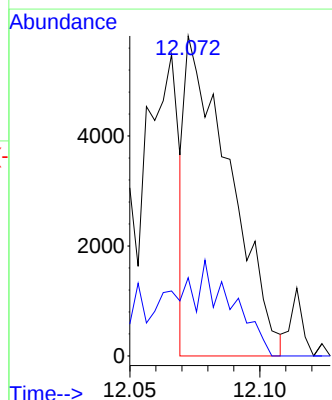
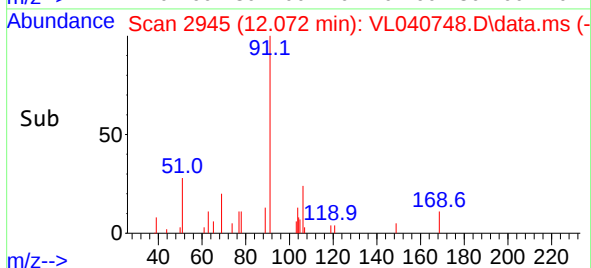
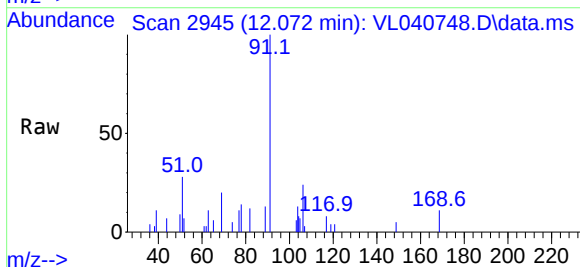


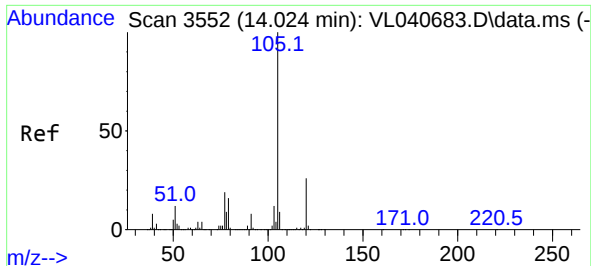
Tgt Ion:112 Resp: 4899
Ion Ratio Lower Upper
112 100
77 106.5 50.8 76.2#
114 15.6 28.2 34.4#



#58
Ethyl Benzene
Concen: 0.035 ppbv
RT: 12.072 min Scan# 2945
Delta R.T. -0.029 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 91 Resp: 6886
Ion Ratio Lower Upper
91 100
106 26.2 24.7 37.1

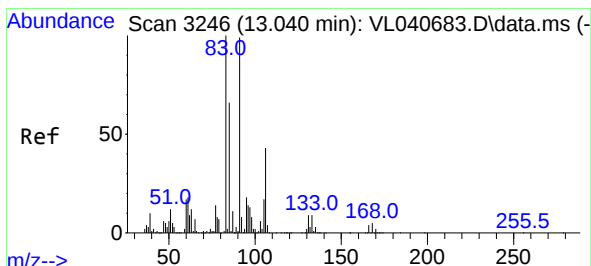
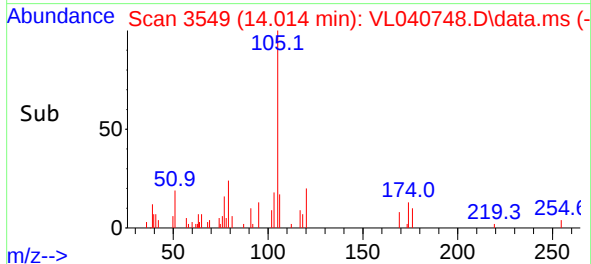
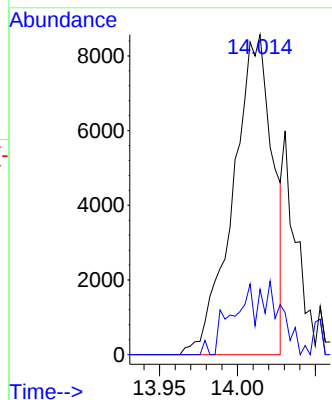
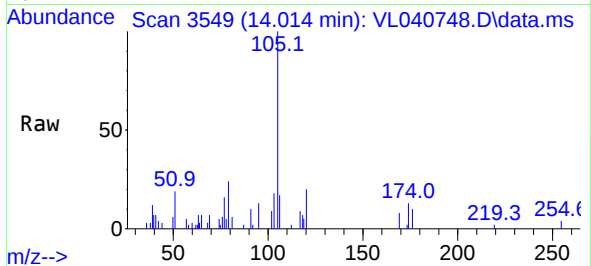




#62
Isopropylbenzene
Concen: 0.057 ppbv
RT: 14.014 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

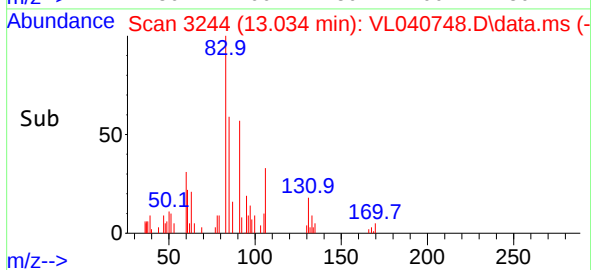
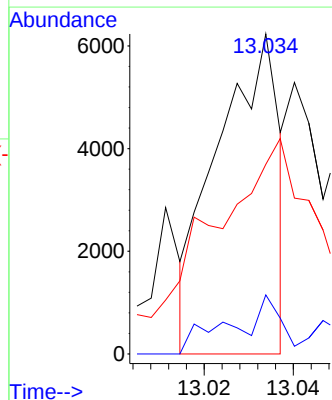
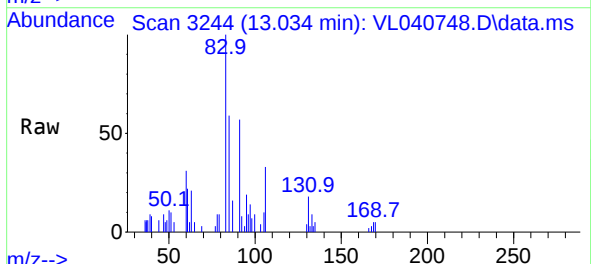
Instrument :
MSVOA_L
ClientSampleId :

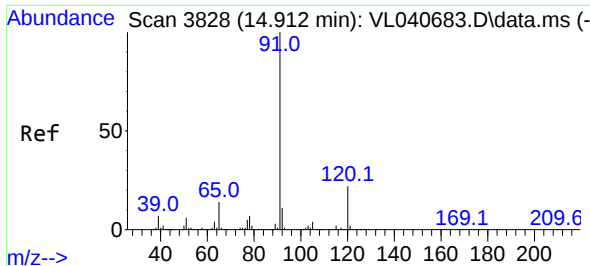
Tgt Ion:105 Resp: 15193
Ion Ratio Lower Upper
105 100
120 24.7 20.2 30.4



#63
1,1,2,2-Tetrachloroethane
Concen: 0.044 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. -0.023 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 83 Resp: 6022
Ion Ratio Lower Upper
83 100
131 24.3 4.7 14.1#
85 0.0 33.1 99.3#

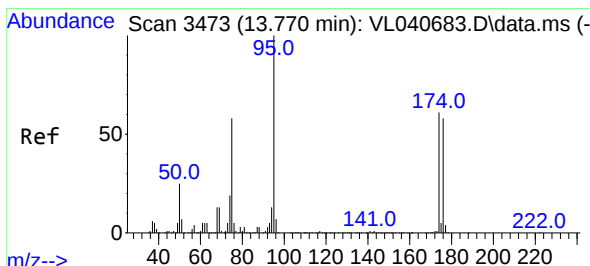
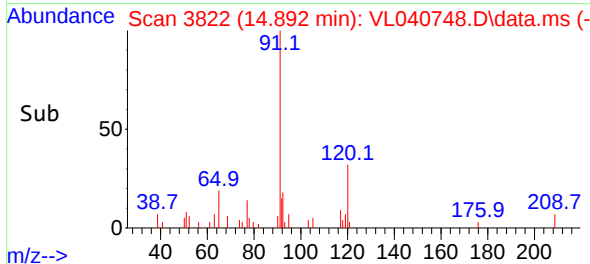
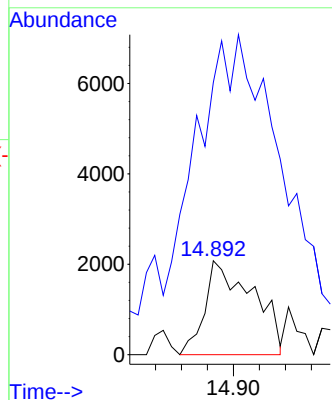
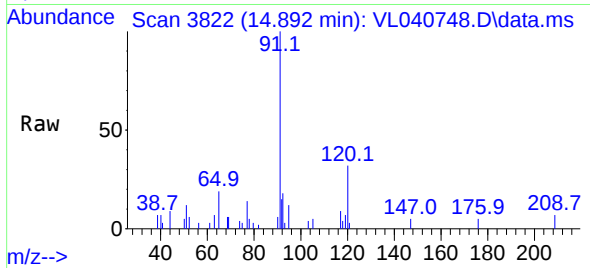




#64
n-propylbenzene
Concen: 0.040 ppbv
RT: 14.892 min Scan# 31
Delta R.T. -0.032 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 2677
Ion Ratio Lower Upper
120 100
91 769.8 386.9 580.3#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.023 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.029 min
Lab File: VL040748.D
Acq: 4 Oct 2023 20:13

Tgt Ion: 95 Resp: 1336964
Ion Ratio Lower Upper
95 100
174 63.7 48.9 73.3
175 4.6 3.5 5.3

