

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033726.D
 Acq On : 13 Jan 2023 16:42
 Operator : JC/MD
 Sample : 01156-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 05:37:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

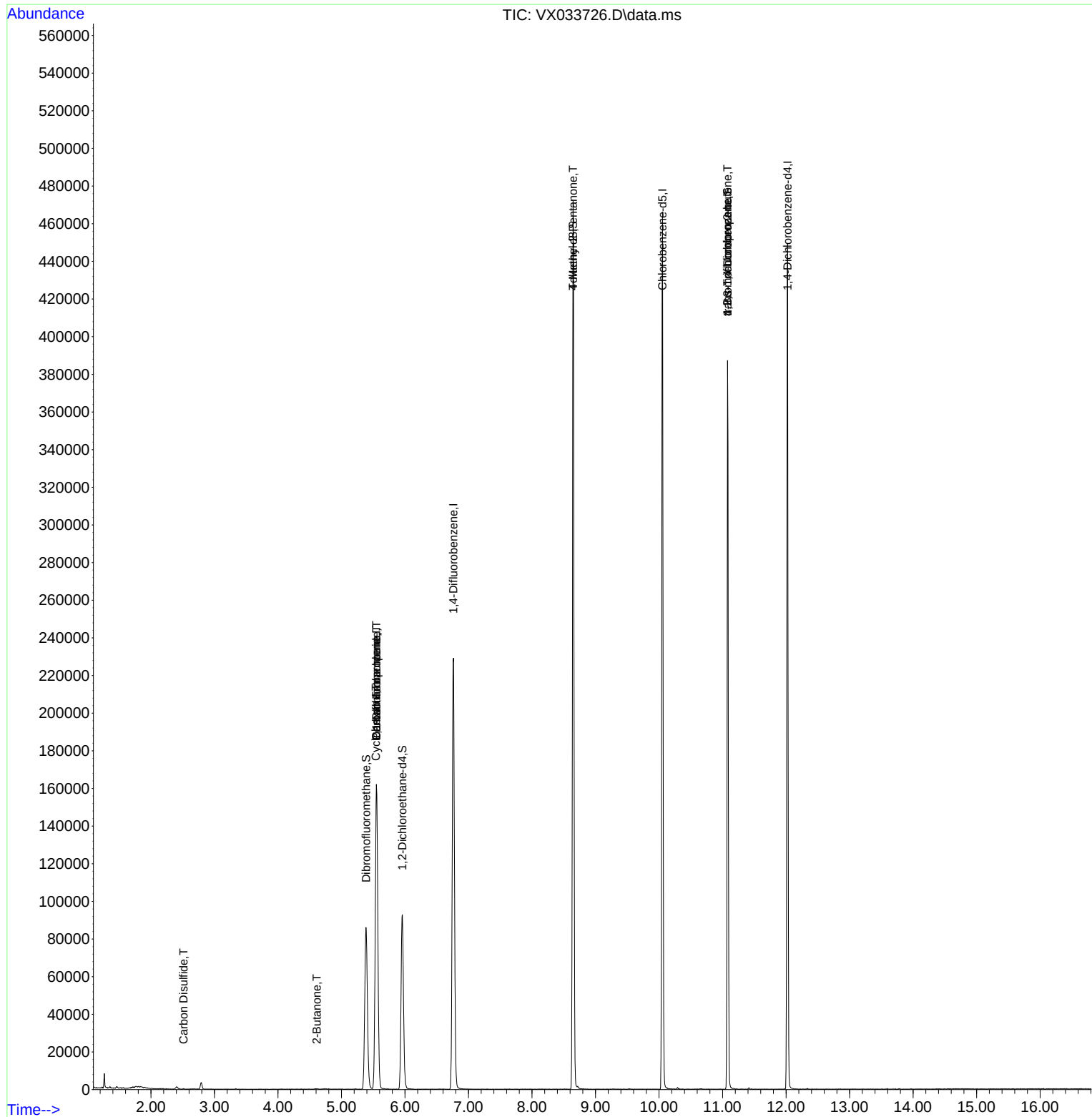
Internal Standards						
1) Pentafluorobenzene	5.550	168	168170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91004	51.395	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.800%	
35) Dibromofluoromethane	5.385	113	75975	49.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.440%	
50) Toluene-d8	8.647	98	281310	50.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	11.079	95	99358	48.069	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.140%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	2105	Below Cal		95
17) Carbon Disulfide	2.514	76	437	1.944 ug/l #		76
20) Methylene Chloride	2.794	84	1809	Below Cal #		86
25) 2-Butanone	4.611	43	656	0.567 ug/l #		51
31) Cyclohexane	5.544	56	2848	1.093 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	11202	5.023 ug/l #		49
37) Ethyl Acetate	4.727	43	365	Below Cal #		68
38) Carbon Tetrachloride	5.550	117	15380	6.659 ug/l #		14
51) 4-Methyl-2-Pentanone	8.647	43	1230	0.569 ug/l #		1
73) Isopropylbenzene	10.964	105	47	Below Cal #		48
76) 1,2,3-Trichloropropane	11.079	75	48302	25.705 ug/l #		34
77) Bromobenzene	11.201	156	21	Below Cal #		1
79) 2-Chlorotoluene	11.463	91	130	Below Cal #		39
81) trans-1,4-Dichloro-2-b...	11.079	75	48302	79.889 ug/l #		8
82) 4-Chlorotoluene	11.463	91	130	Below Cal #		43

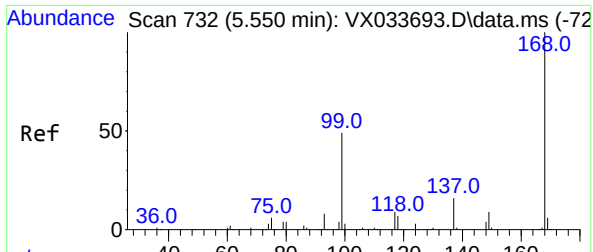
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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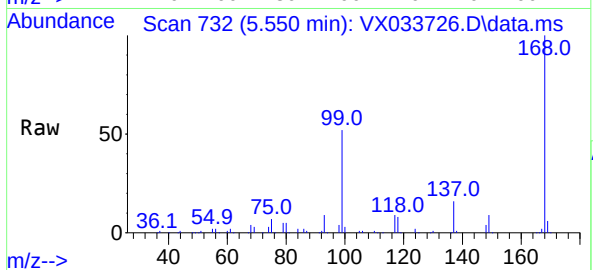
Quant Time: Jan 16 05:37:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



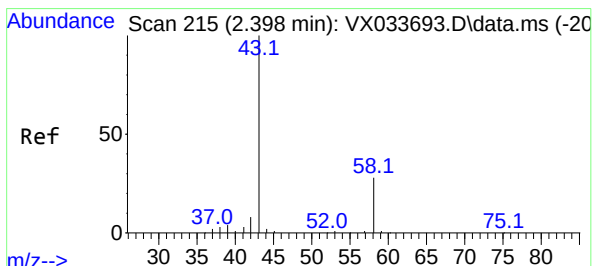
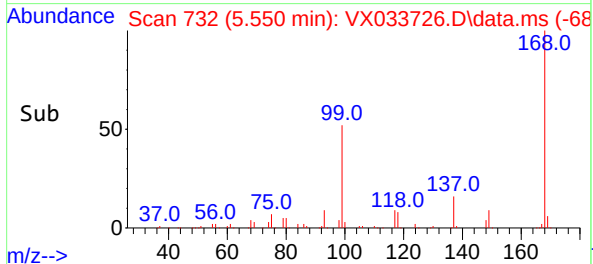
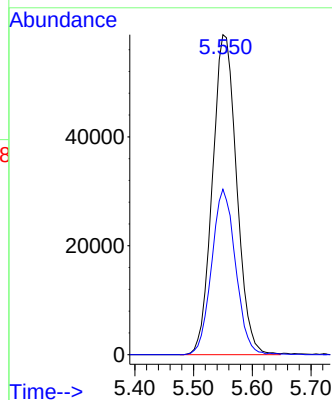


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :

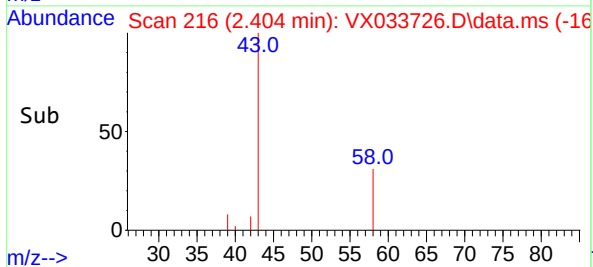
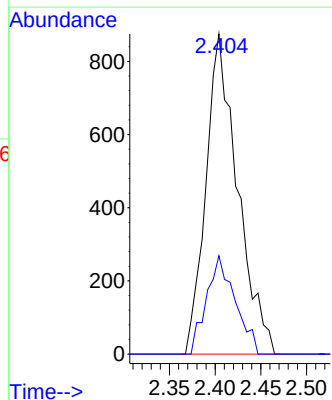
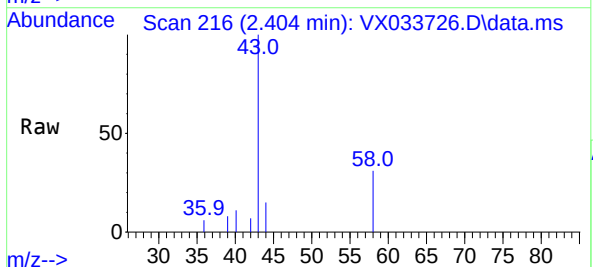


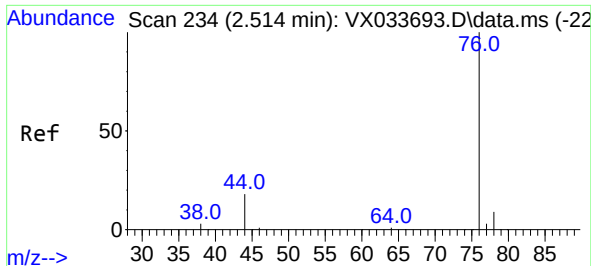
Tgt Ion:168 Resp: 168170
Ion Ratio Lower Upper
168 100
99 51.7 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

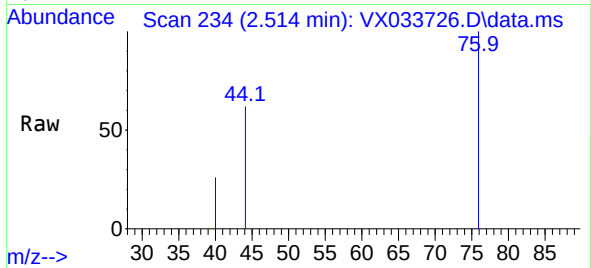
Tgt Ion: 43 Resp: 2105
Ion Ratio Lower Upper
43 100
58 30.7 22.6 33.8



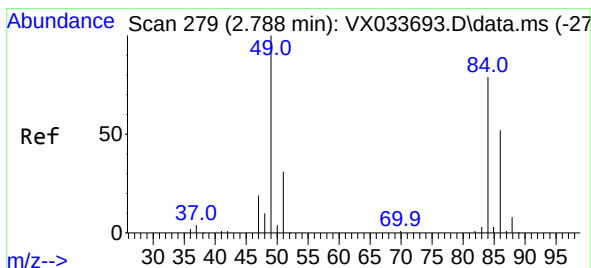
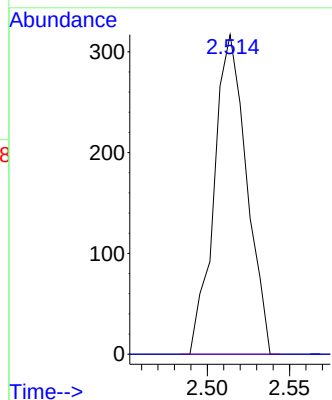


#17
Carbon Disulfide
Concen: 1.944 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

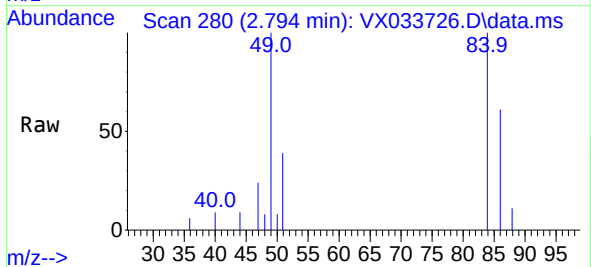
Instrument :
MSVOA_X
ClientSampleId :



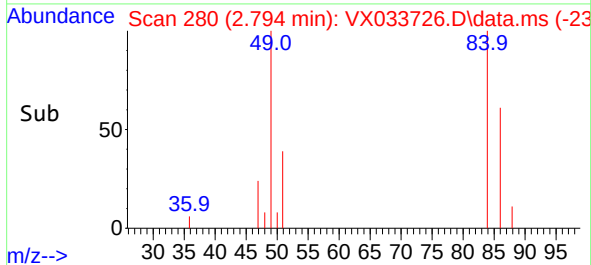
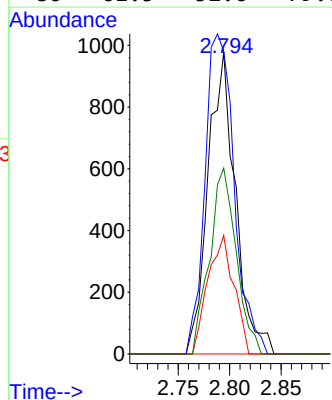
Tgt Ion: 76 Resp: 437
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

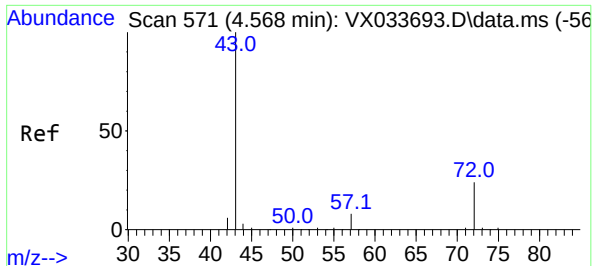


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42



Tgt Ion: 84 Resp: 1809
Ion Ratio Lower Upper
84 100
49 100.2 101.1 151.7#
51 39.2 31.0 46.6
86 61.5 52.6 79.0

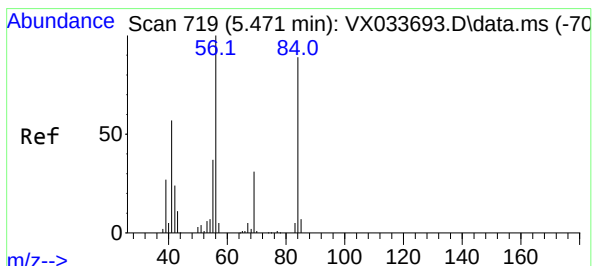
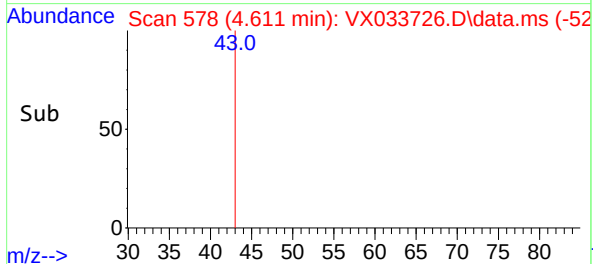
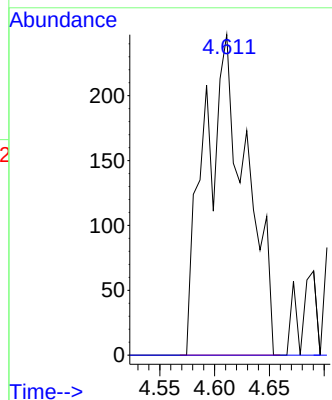
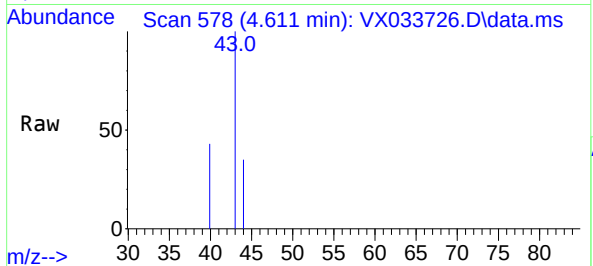




#25
2-Butanone
Concen: 0.567 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

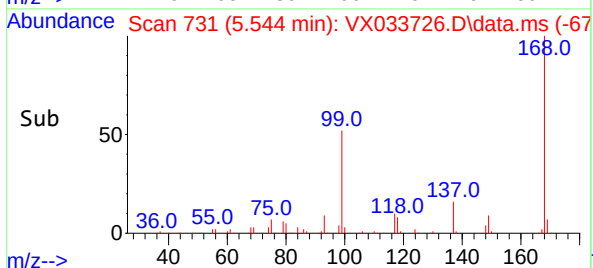
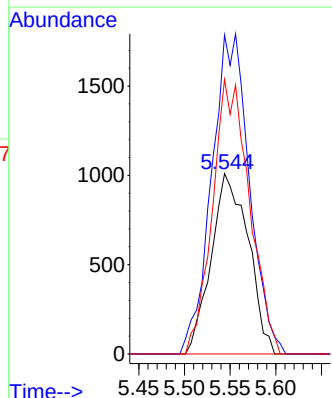
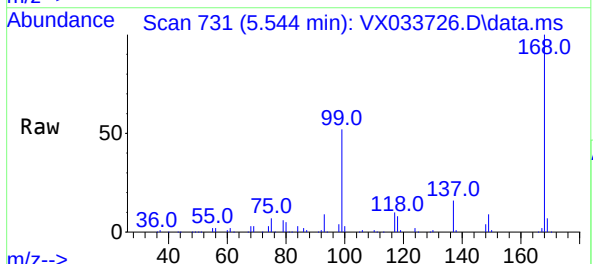
Instrument :
MSVOA_X
ClientSampleId :

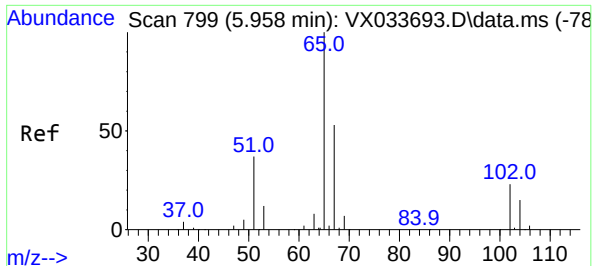
Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.093 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

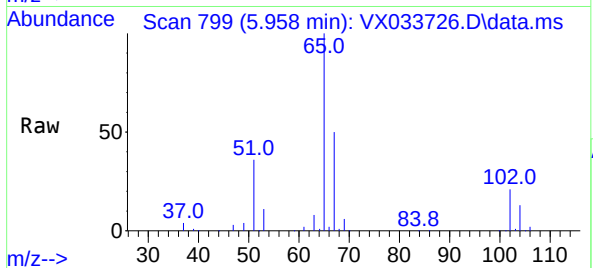
Tgt Ion: 56 Resp: 2848
Ion Ratio Lower Upper
56 100
69 176.8 24.6 37.0#
84 152.2 71.0 106.6#



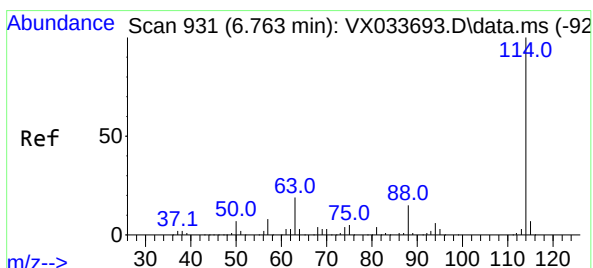
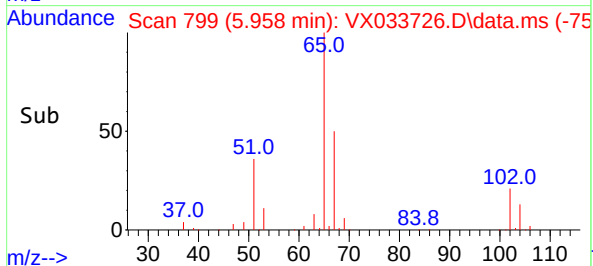
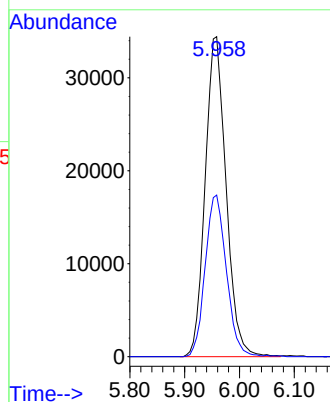


#33
1,2-Dichloroethane-d4
Concen: 51.395 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :

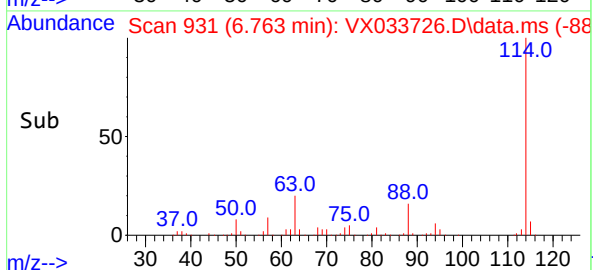
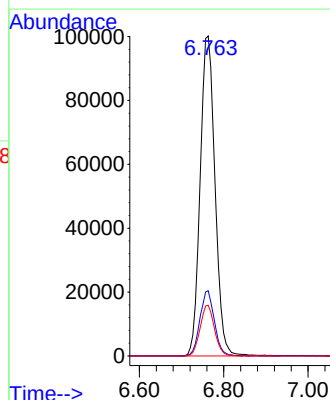
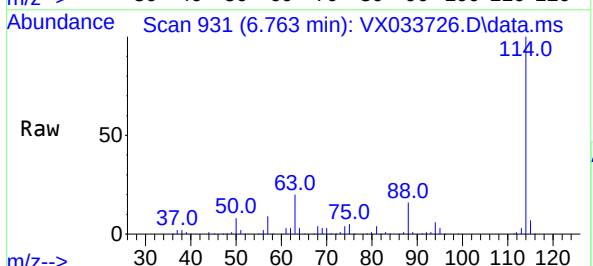


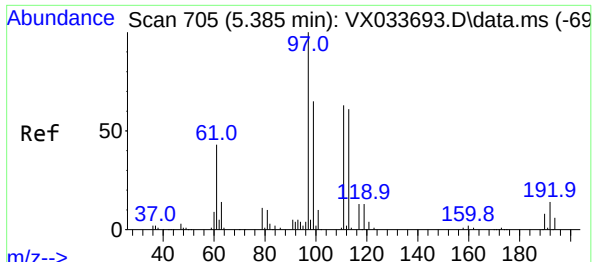
Tgt Ion: 65 Resp: 91004
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

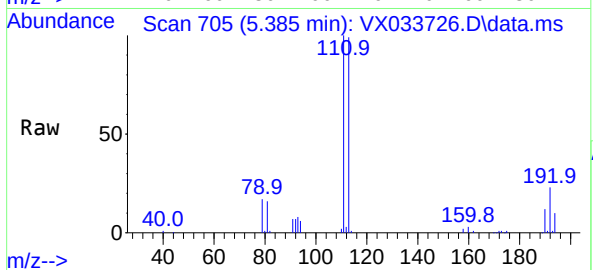
Tgt Ion: 114 Resp: 246068
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.9 0.0 30.6





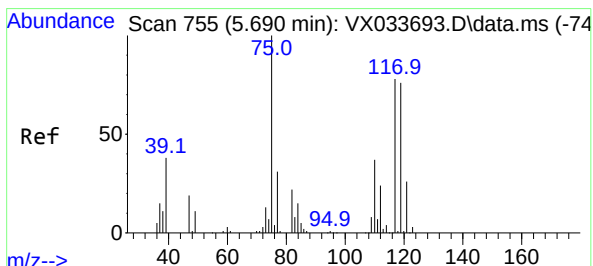
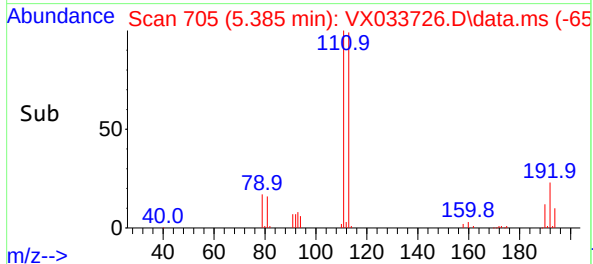
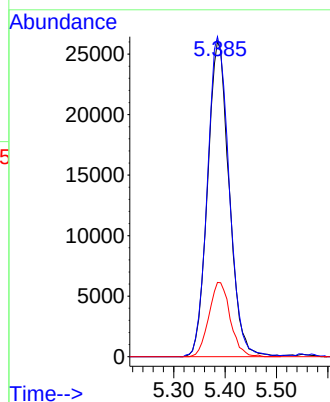
#35
Dibromofluoromethane
Concen: 49.724 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 113 Resp: 75975

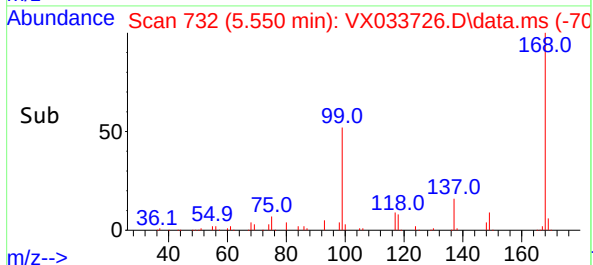
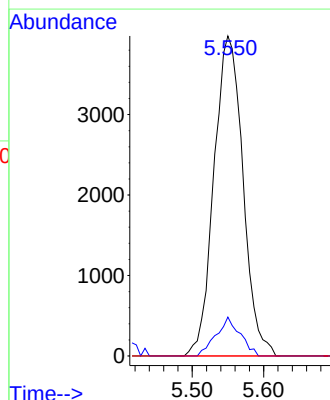
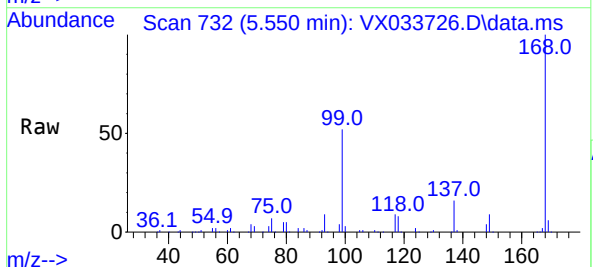
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	23.3	19.0	28.4

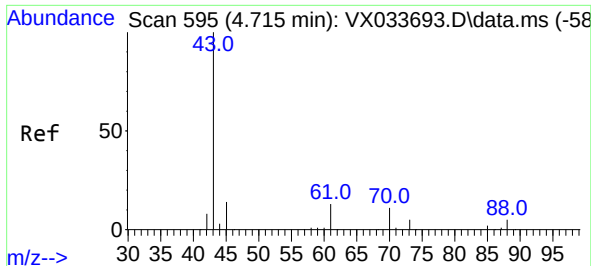


#36
1,1-Dichloropropene
Concen: 5.023 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

Tgt Ion: 75 Resp: 11202

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.8	56.4#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min MSVOA_X

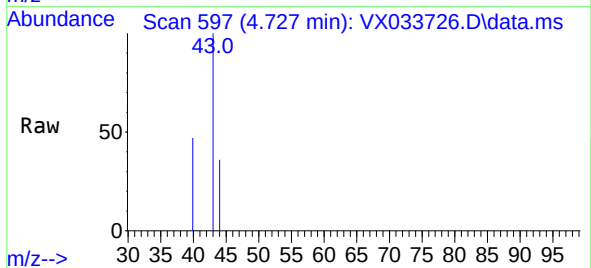
Lab File: VX033726.D

Acq: 13 Jan 2023 16:42

Instrument :

MSVOA_X

ClientSampleId :



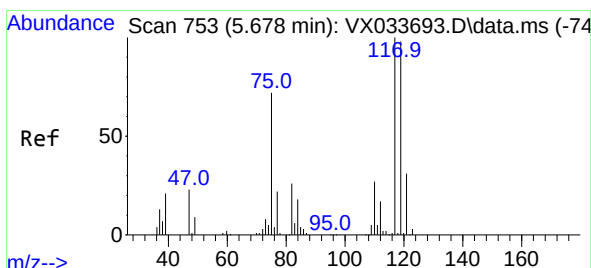
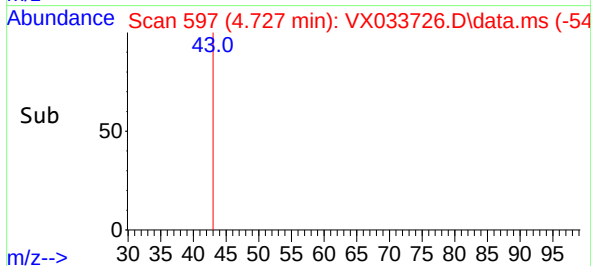
Tgt Ion: 43 Resp: 365

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.659 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX033726.D

Acq: 13 Jan 2023 16:42

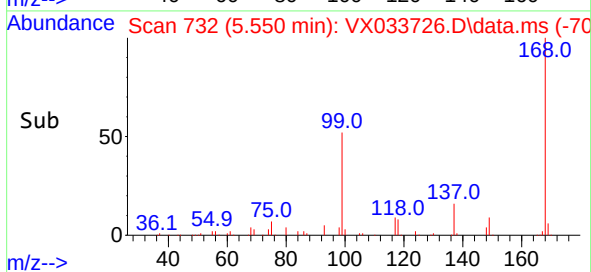
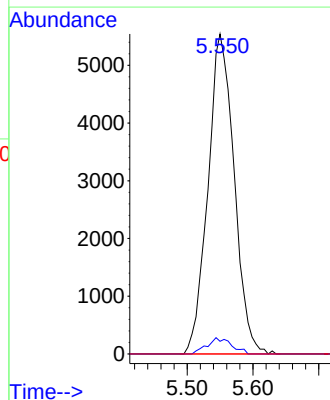
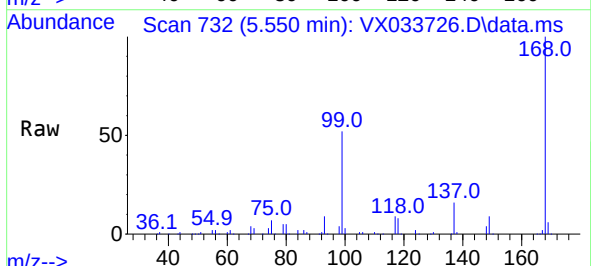
Tgt Ion: 117 Resp: 15380

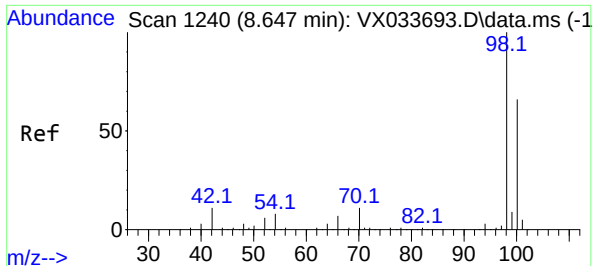
Ion Ratio Lower Upper

117 100

119 4.0 78.0 117.0#

121 0.0 24.4 36.6#

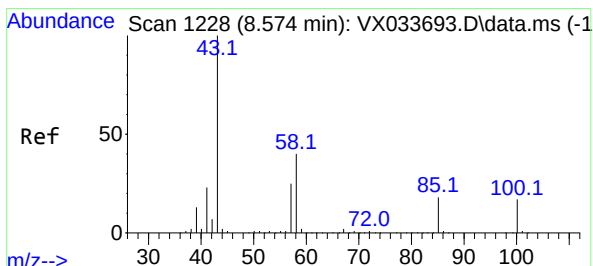
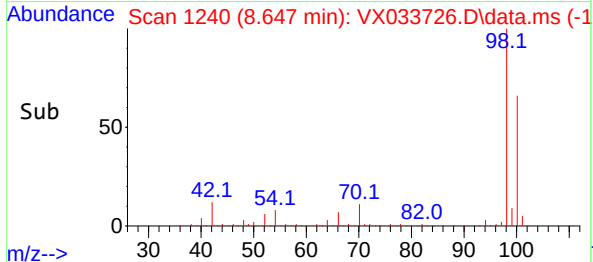
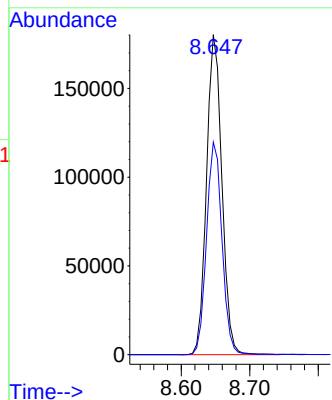
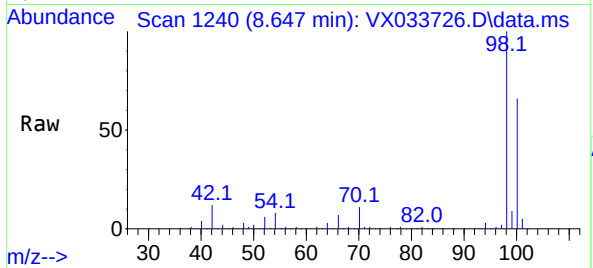




#50
Toluene-d8
Concen: 50.530 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

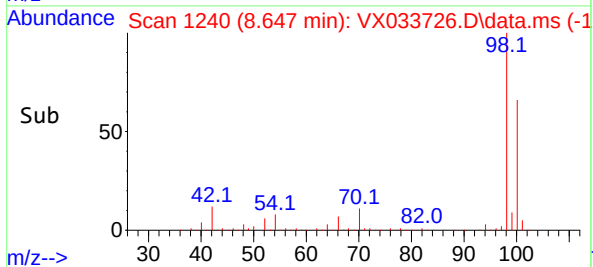
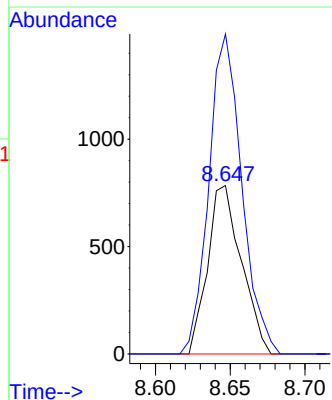
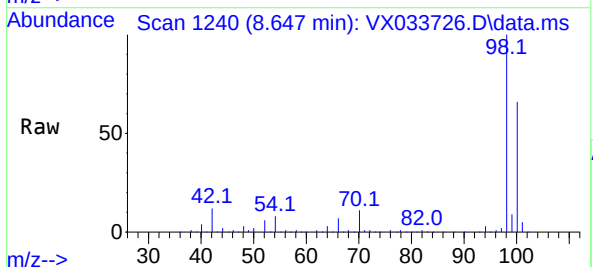
Instrument :
MSVOA_X
ClientSampleId :

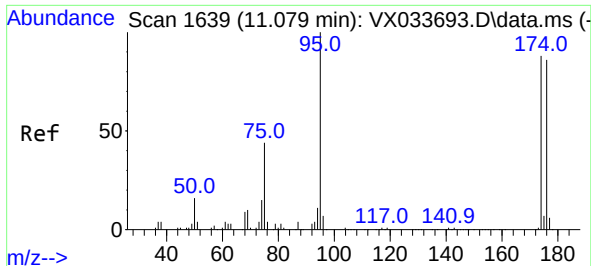
Tgt Ion: 98 Resp: 281310
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

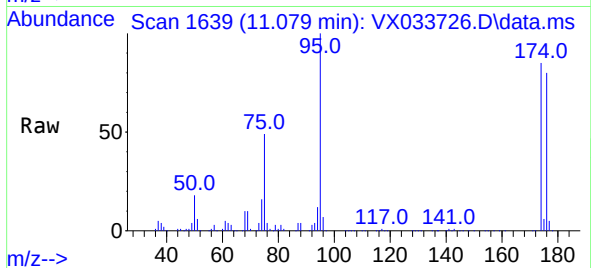
Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
58 185.8 31.2 46.8#



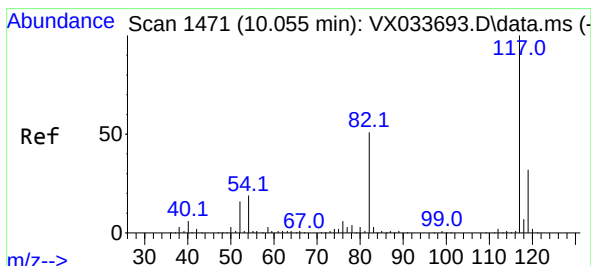
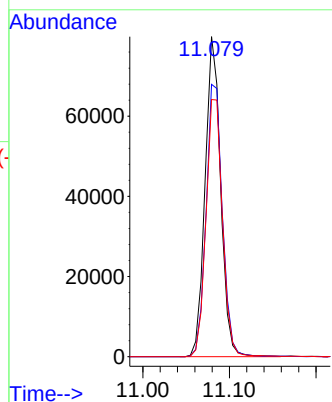


#62
4-Bromofluorobenzene
Concen: 48.069 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :

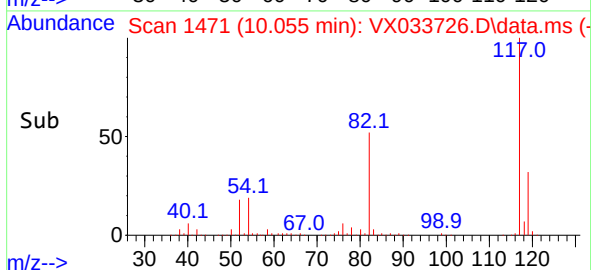
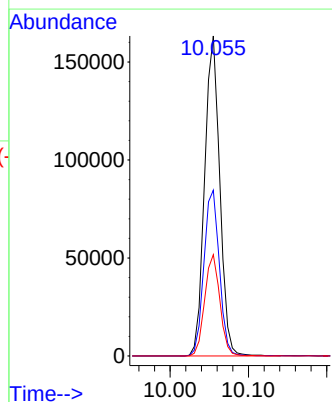
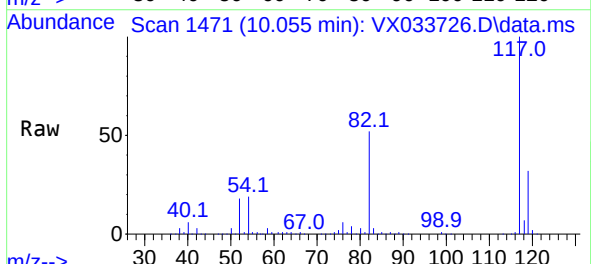


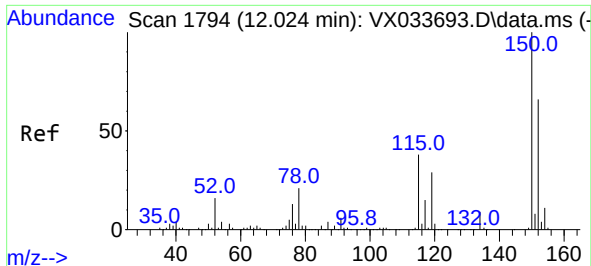
Tgt Ion: 95 Resp: 99358
Ion Ratio Lower Upper
95 100
174 89.7 0.0 184.4
176 85.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

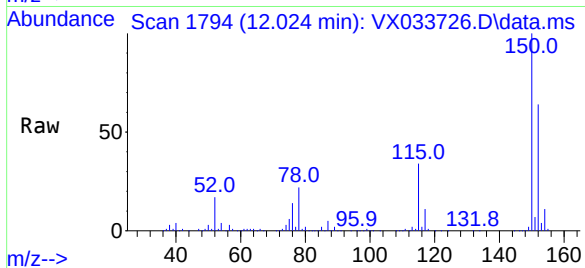
Tgt Ion: 117 Resp: 219277
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 31.6 25.6 38.4



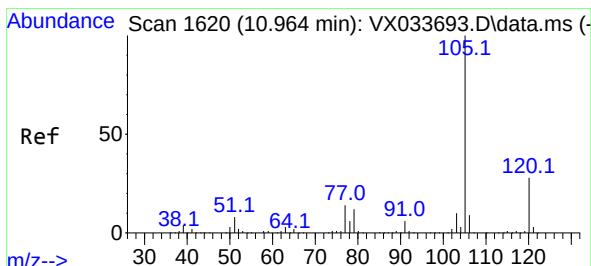
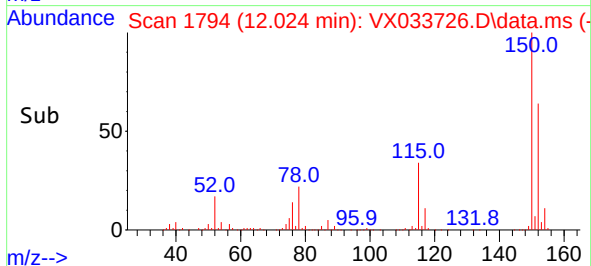
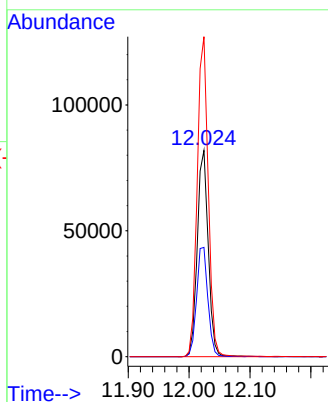


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :

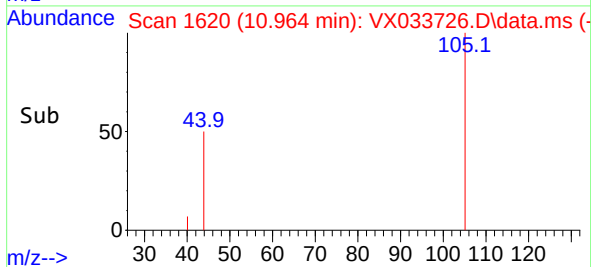
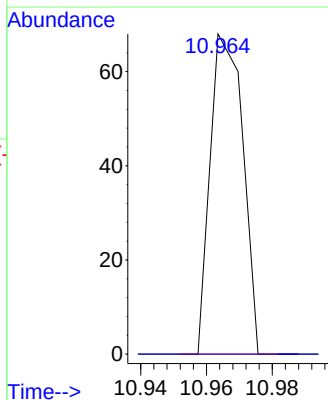
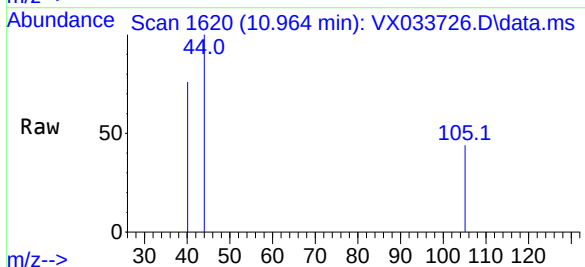


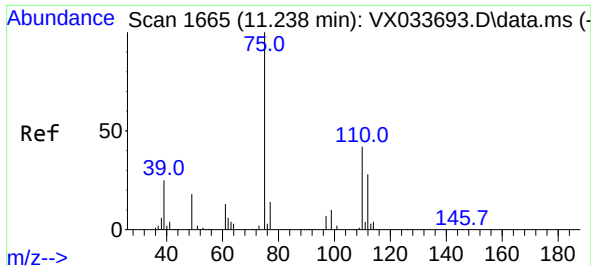
Tgt Ion:152 Resp: 102271
Ion Ratio Lower Upper
152 100
115 54.6 38.7 116.1
150 155.7 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.964 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

Tgt Ion:105 Resp: 47
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

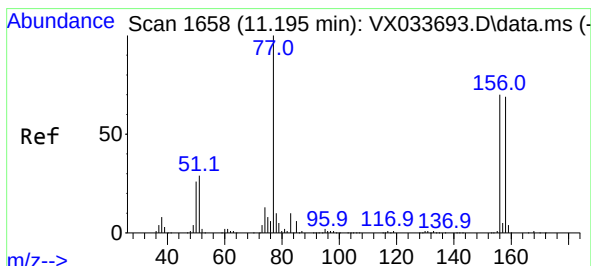
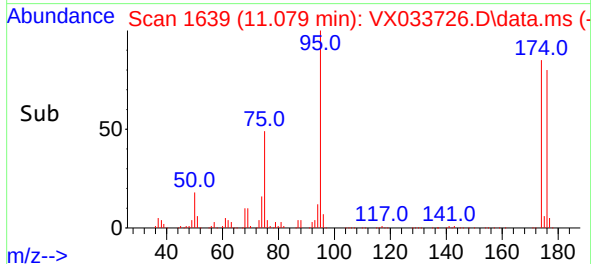
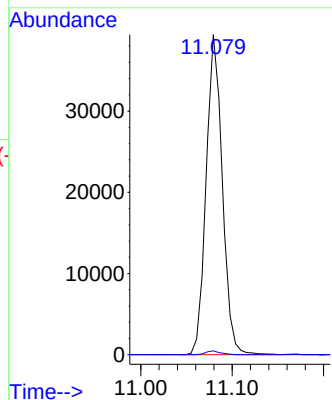
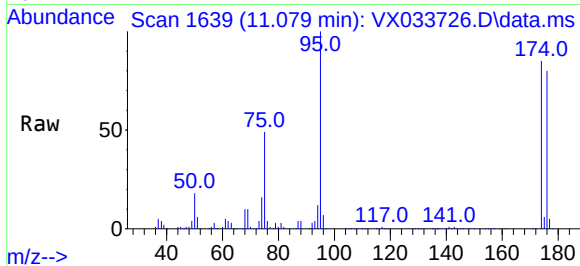




#76
1,2,3-Trichloropropane
Concen: 25.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

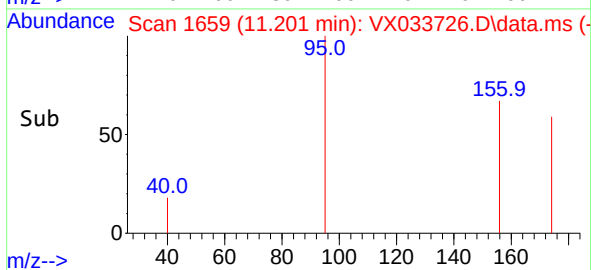
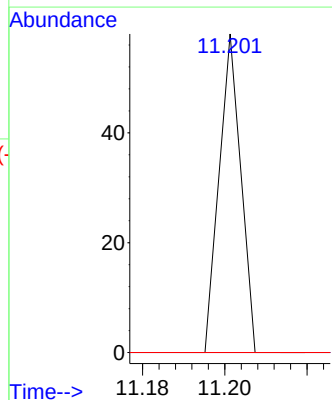
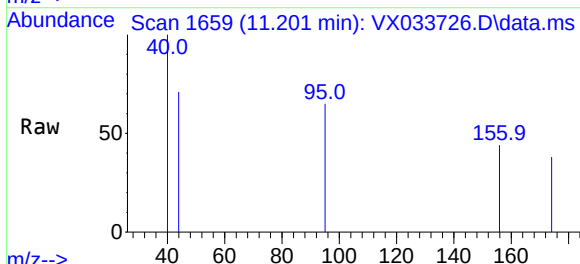
Instrument :
MSVOA_X
ClientSampleId :

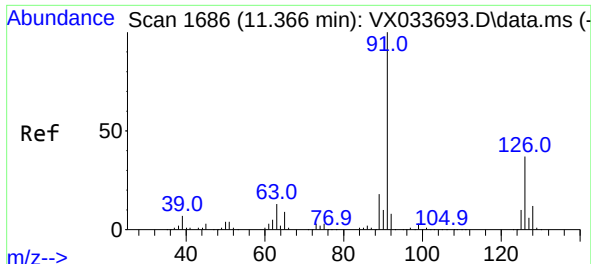
Tgt Ion: 75 Resp: 48302
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#77
Bromobenzene
Concen: Below Cal
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX033726.D
Acq: 13 Jan 2023 16:42

Tgt Ion:156 Resp: 21
Ion Ratio Lower Upper
156 100
77 0.0 68.1 204.3#
158 0.0 48.0 144.2#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.463 min Scan# 1

Delta R.T. 0.097 min

Lab File: VX033726.D

Acq: 13 Jan 2023 16:42

Instrument :

MSVOA_X

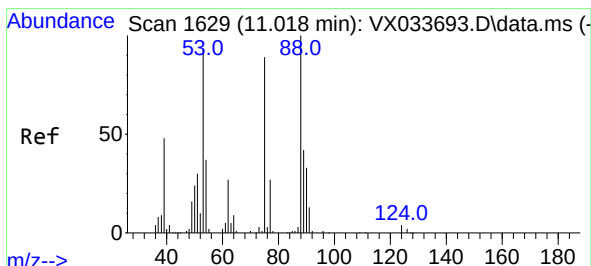
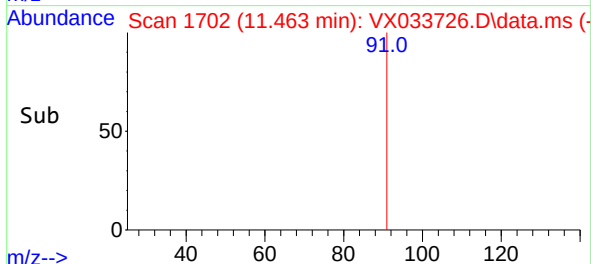
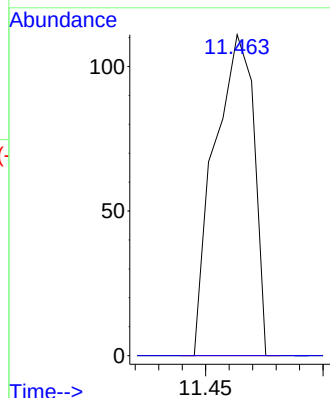
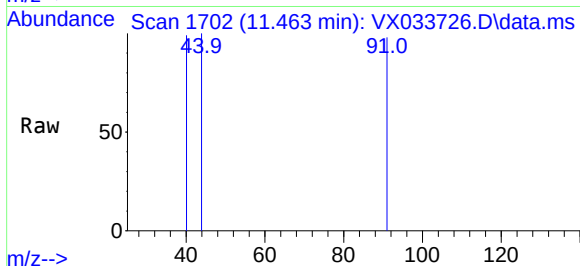
ClientSampleId :

Tgt Ion: 91 Resp: 130

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.889 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033726.D

Acq: 13 Jan 2023 16:42

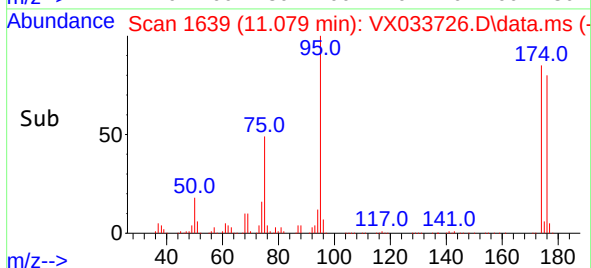
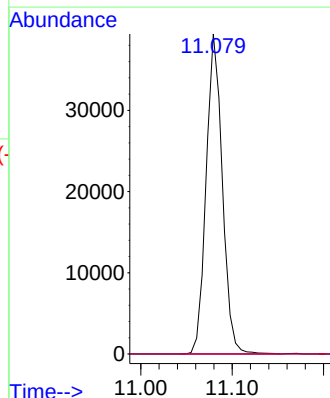
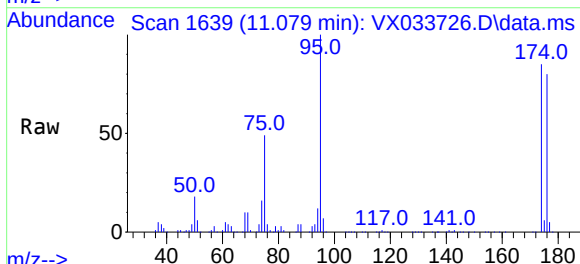
Tgt Ion: 75 Resp: 48302

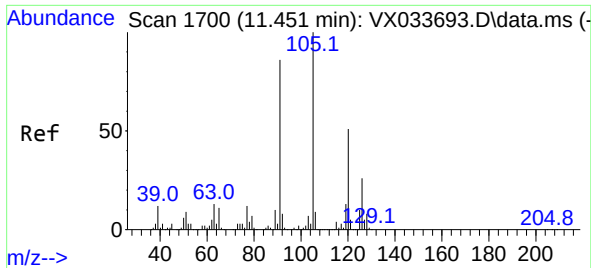
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.463 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX033726.D
 Acq: 13 Jan 2023 16:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 91 Resp: 130
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

