

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033896.D
 Acq On : 25 Jan 2023 18:30
 Operator : JC/MD
 Sample : 01308-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 06:03:20 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)

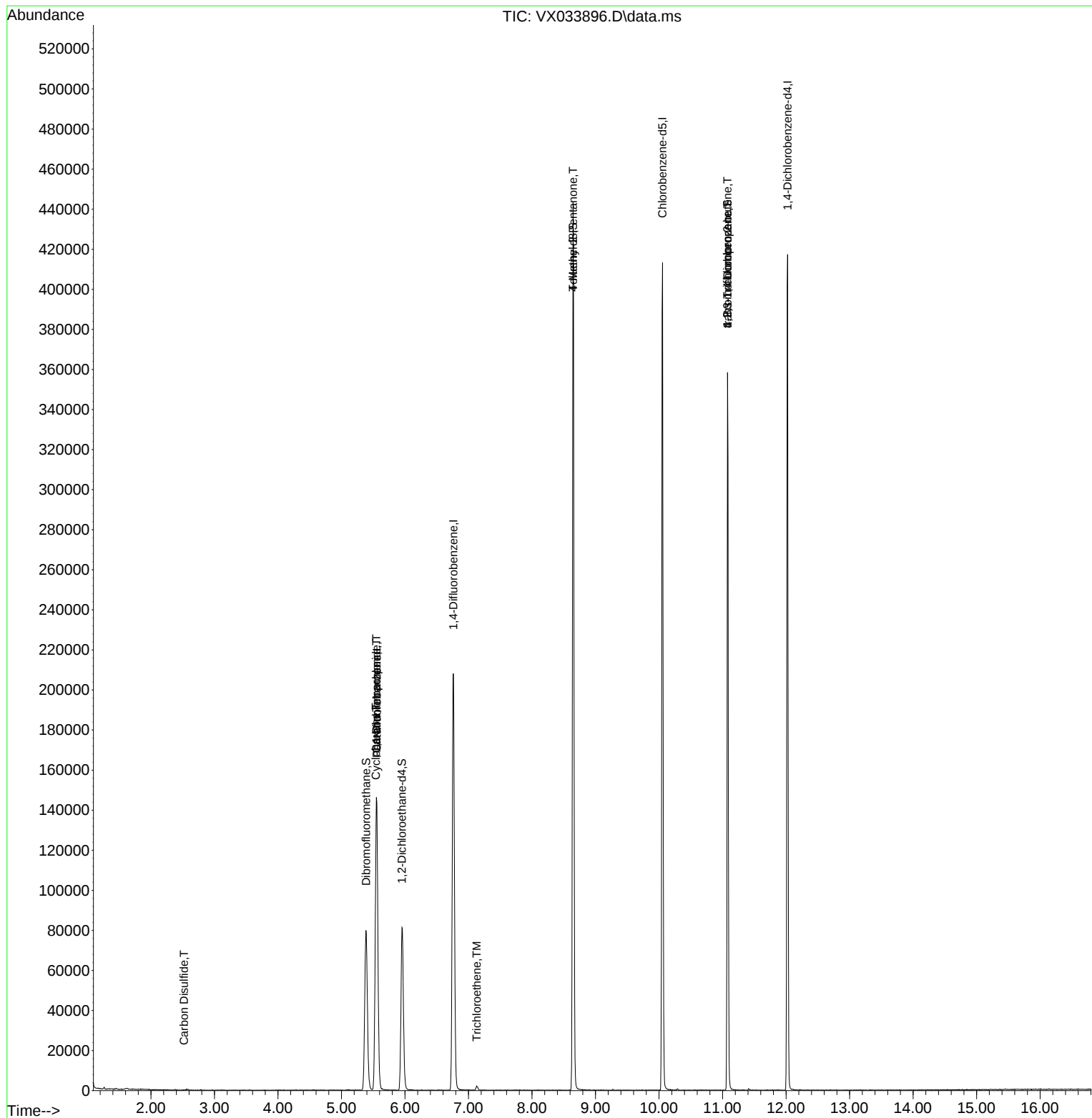
Internal Standards						
1) Pentafluorobenzene	5.556	168	159878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77960	46.312	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.620%
35) Dibromofluoromethane	5.385	113	70715	49.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.200%
50) Toluene-d8	8.647	98	265500	51.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.220%
62) 4-Bromofluorobenzene	11.079	95	91172	47.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.560%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	417	Below Cal	#	47
17) Carbon Disulfide	2.520	76	50	1.837	ug/l #	76
20) Methylene Chloride	2.782	84	29	Below Cal	#	65
31) Cyclohexane	5.544	56	2304	0.930	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9479	4.556	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13525	6.276	ug/l #	15
44) Trichloroethene	7.129	130	1007	0.594	ug/l	80
51) 4-Methyl-2-Pentanone	8.647	43	933	0.463	ug/l #	1
64) Tetrachloroethene	9.268	164	19	Below Cal	#	41
73) Isopropylbenzene	11.079	105	73	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	42005	23.041	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42005	71.610	ug/l #	8

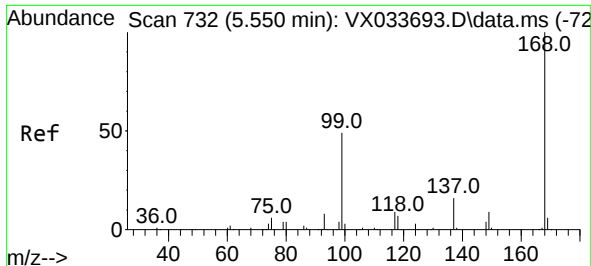
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

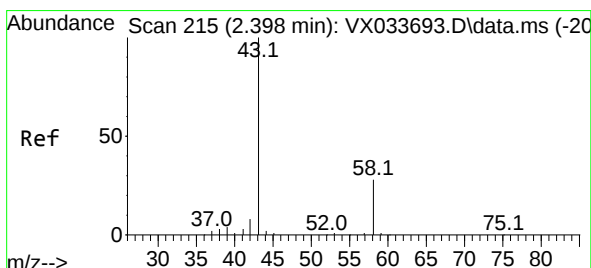
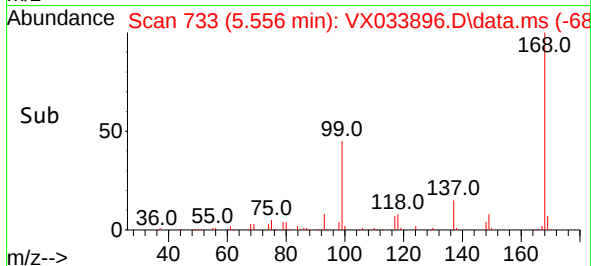
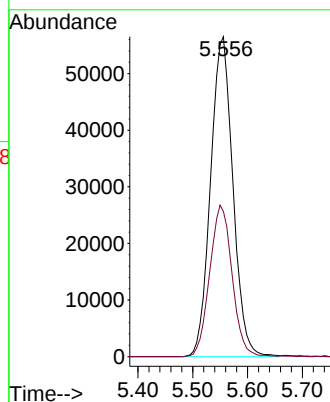
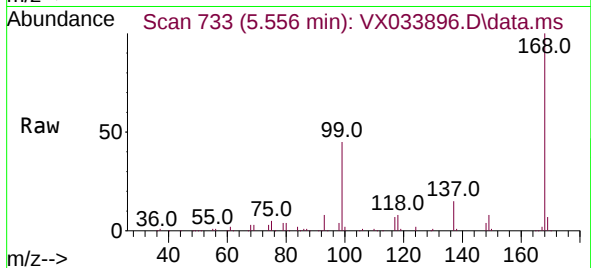




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

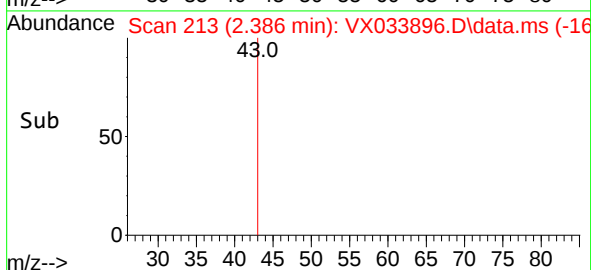
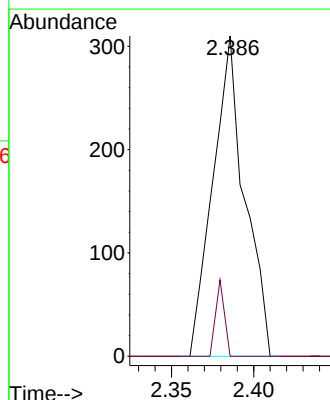
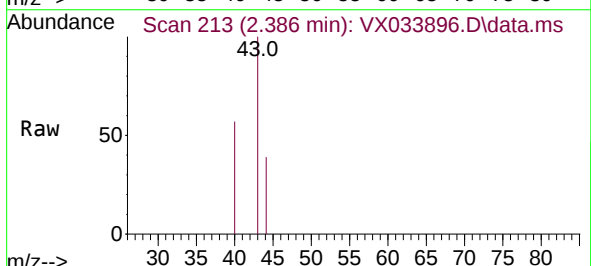
Instrument :
MSVOA_X
ClientSampleId :

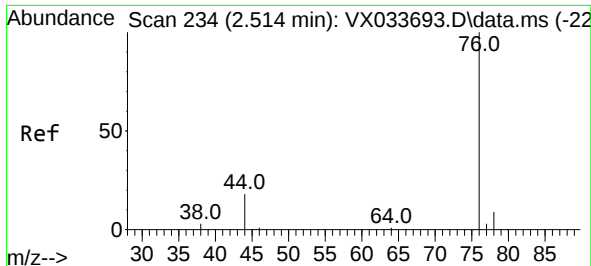
Tgt Ion:168 Resp: 159878
Ion Ratio Lower Upper
168 100
99 45.4 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

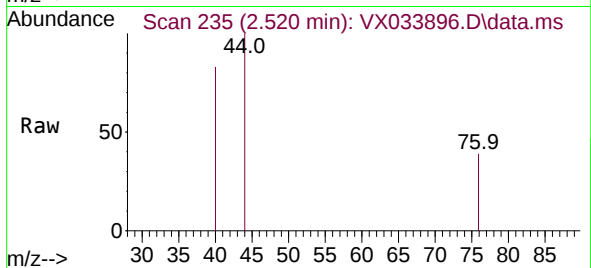
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



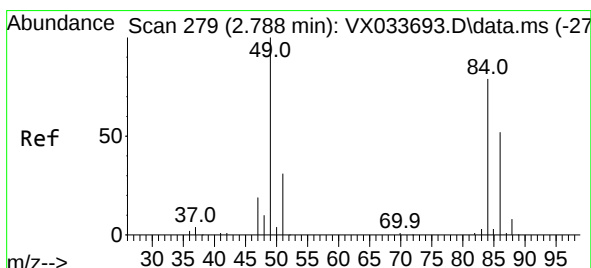
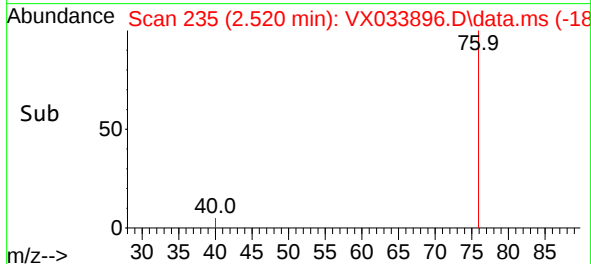
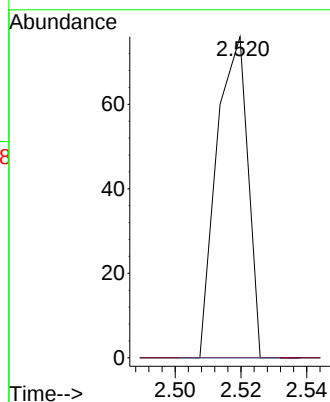


#17
Carbon Disulfide
Concen: 1.837 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :

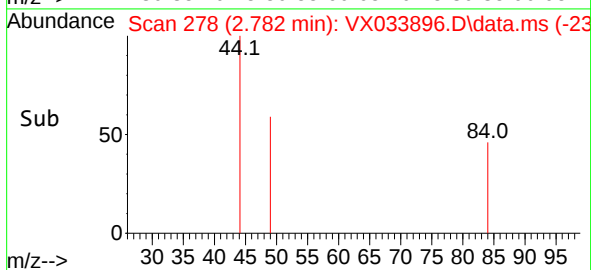
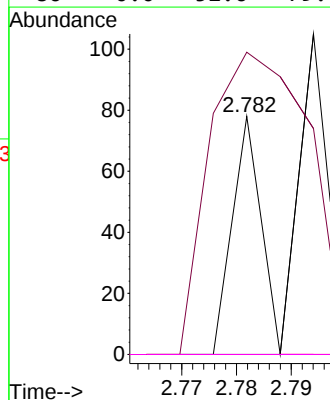
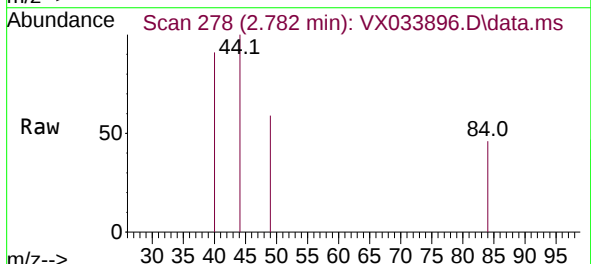


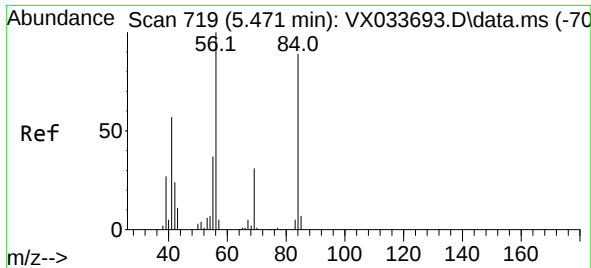
Tgt Ion: 76 Resp: 50
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

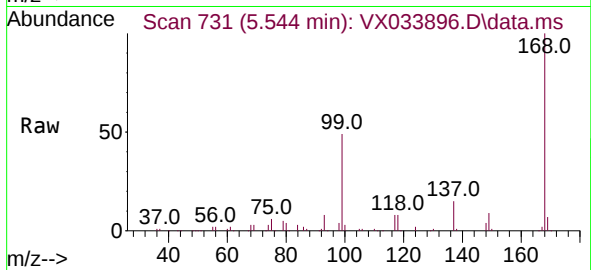
Tgt Ion: 84 Resp: 29
Ion Ratio Lower Upper
84 100
49 126.9 101.1 151.7
51 0.0 31.0 46.6#
86 0.0 52.6 79.0#



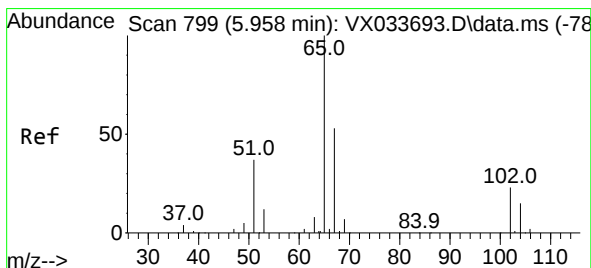
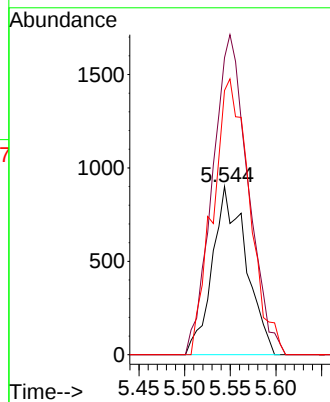
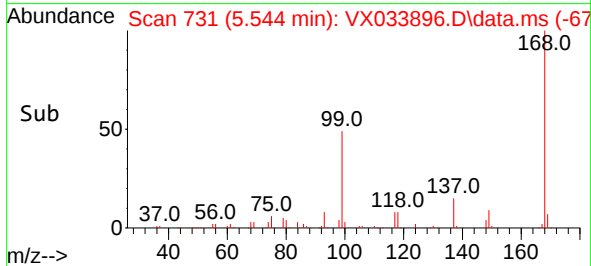


#31
Cyclohexane
Concen: 0.930 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :

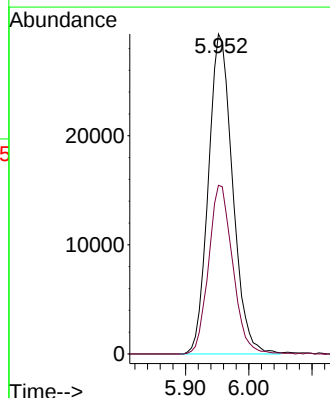
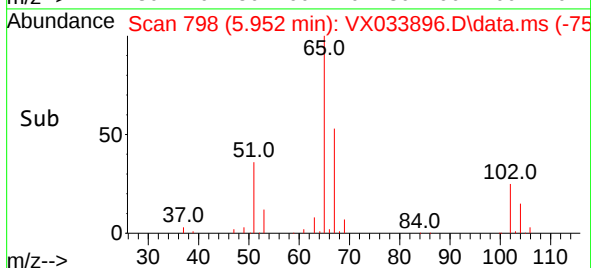
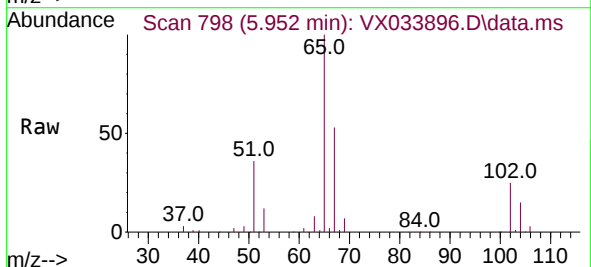


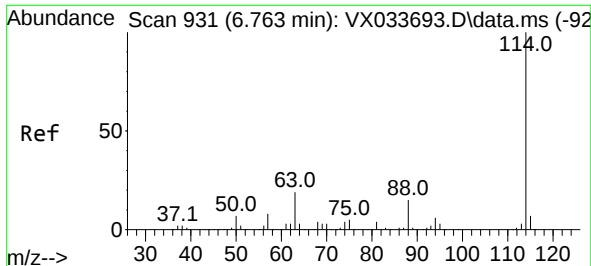
Tgt Ion: 56 Resp: 2304
Ion Ratio Lower Upper
56 100
69 176.7 24.6 37.0#
84 157.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.312 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Tgt Ion: 65 Resp: 77960
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

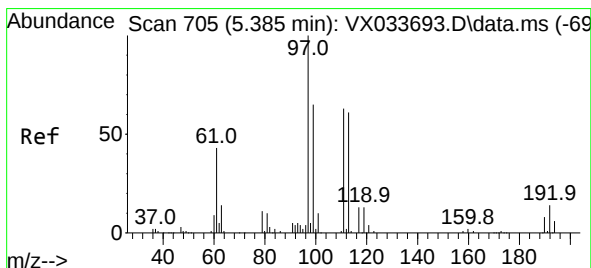
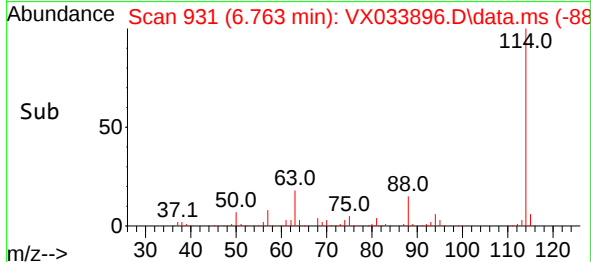
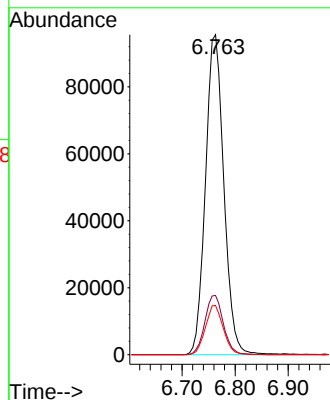
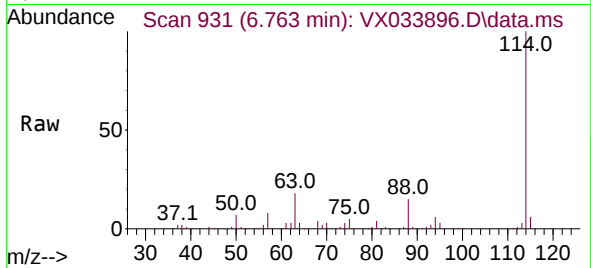




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

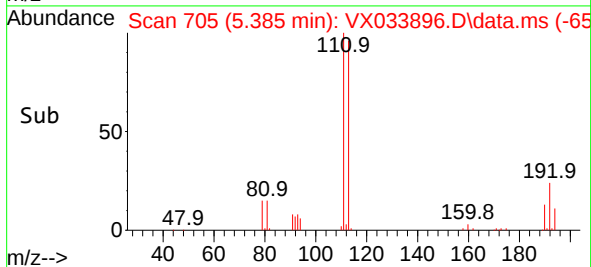
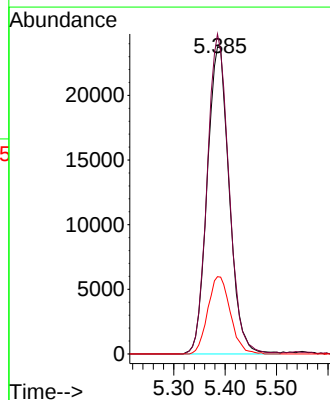
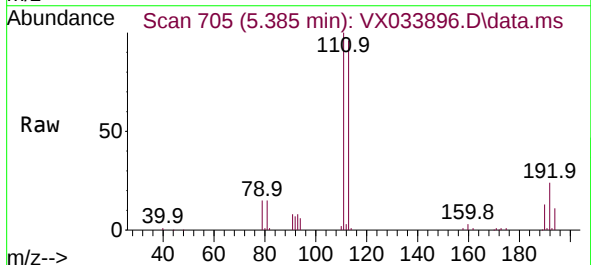
Instrument :
MSVOA_X
ClientSampleId :

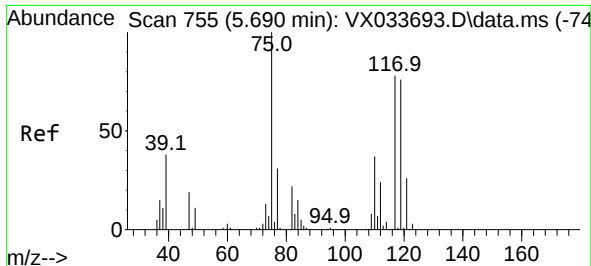
Tgt Ion:114 Resp: 229585
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.604 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

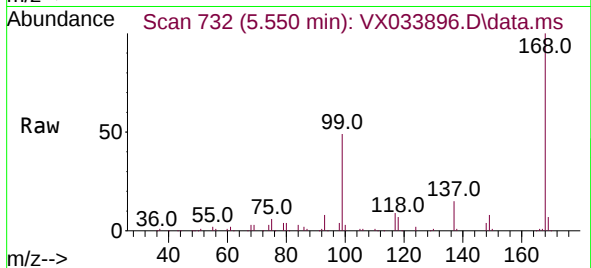
Tgt Ion:113 Resp: 70715
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 25.7 19.0 28.4



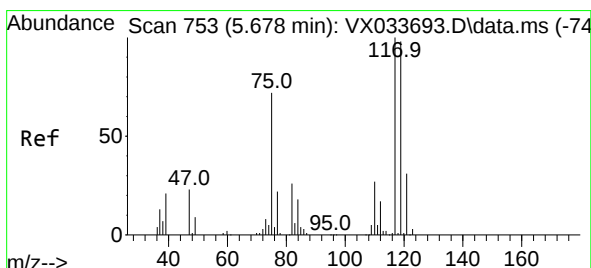
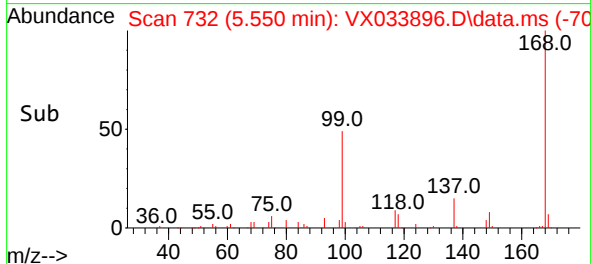
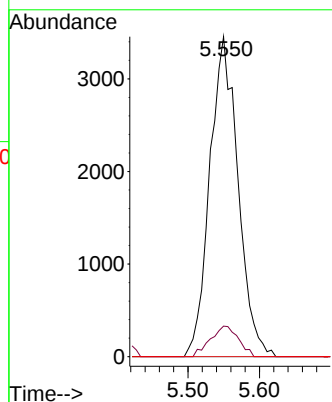


#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :

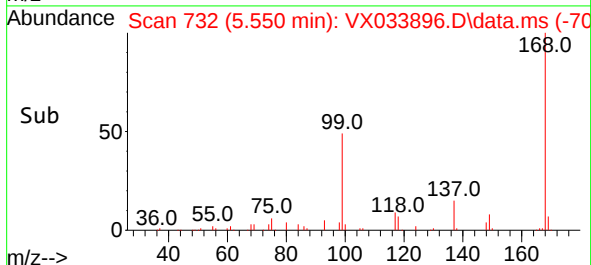
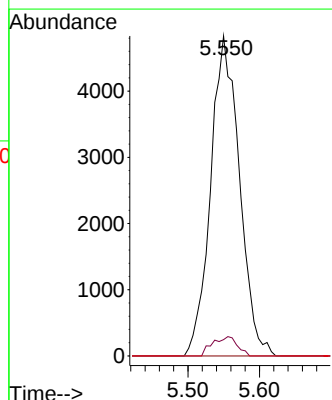
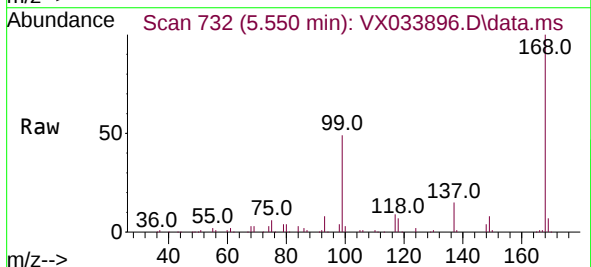


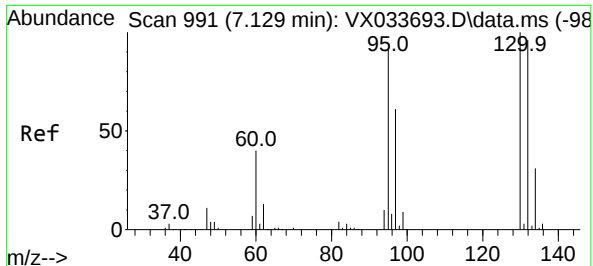
Tgt Ion: 75 Resp: 9479
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Tgt Ion: 117 Resp: 13525
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.4 36.6#

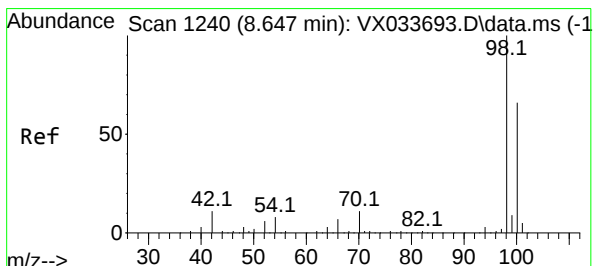
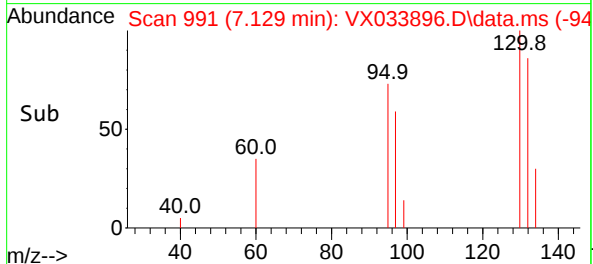
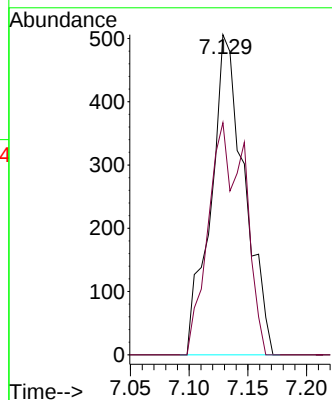
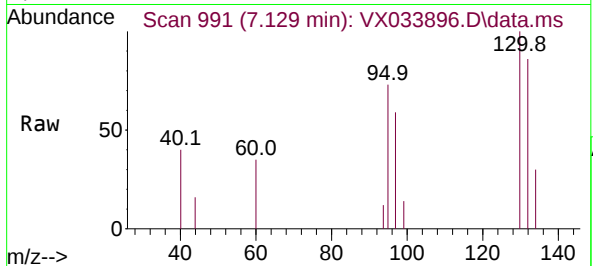




#44
Trichloroethene
Concen: 0.594 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

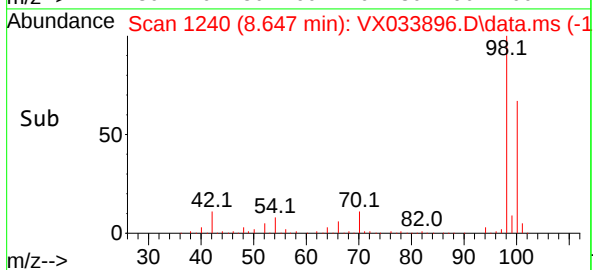
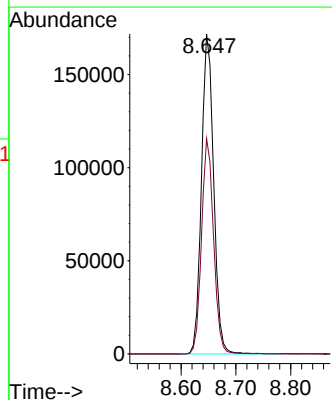
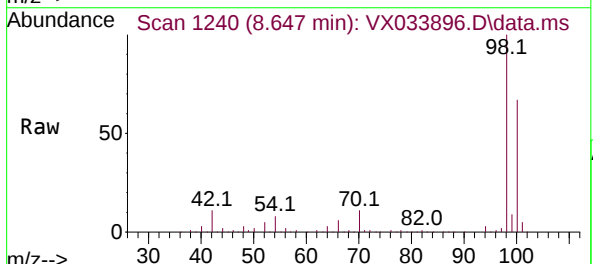
Instrument :
MSVOA_X
ClientSampleId :

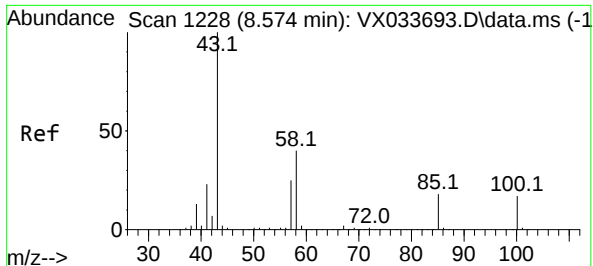
Tgt Ion:130 Resp: 1007
Ion Ratio Lower Upper
130 100
95 72.5 0.0 182.6



#50
Toluene-d8
Concen: 51.114 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Tgt Ion: 98 Resp: 265500
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4

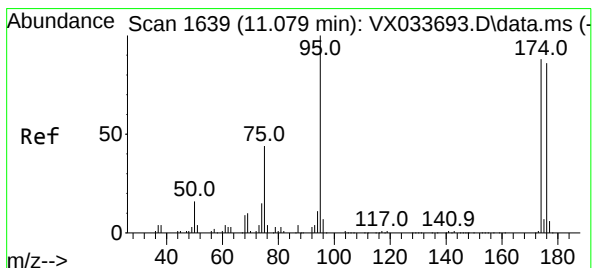
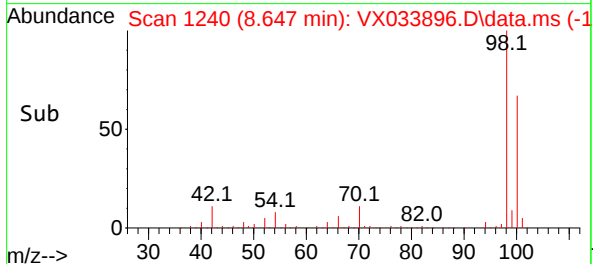
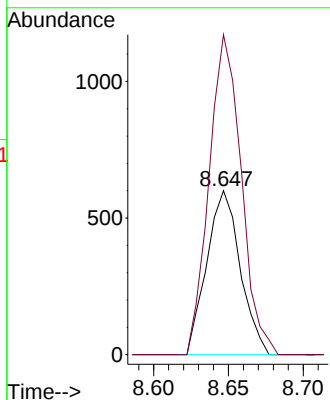
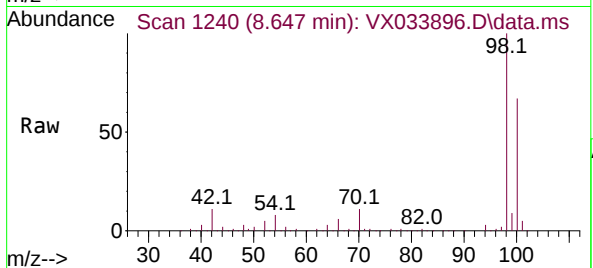




#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

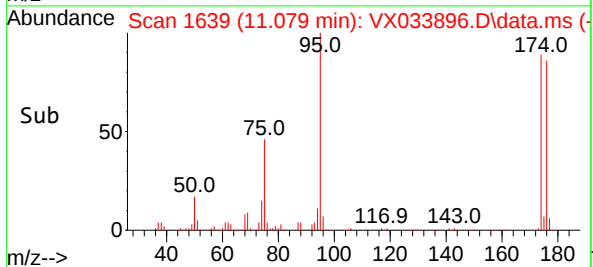
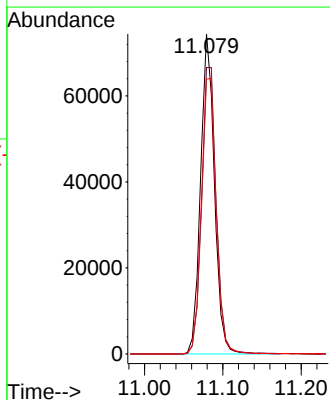
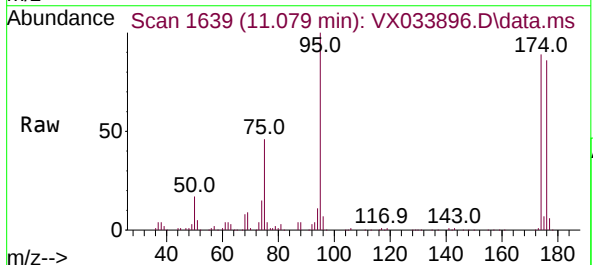
Instrument :
MSVOA_X
ClientSampleId :

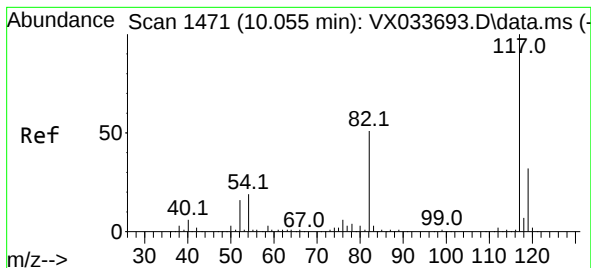
Tgt Ion: 43 Resp: 933
Ion Ratio Lower Upper
43 100
58 187.9 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 47.276 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Tgt Ion: 95 Resp: 91172
Ion Ratio Lower Upper
95 100
174 95.5 0.0 184.4
176 92.3 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: VX033896.D

Acq: 25 Jan 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

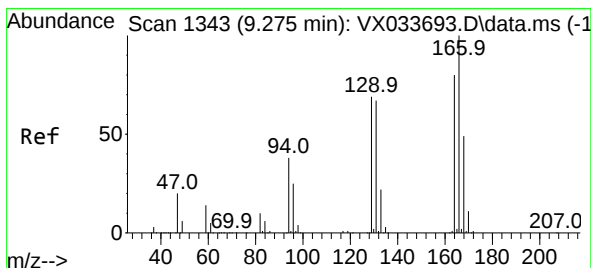
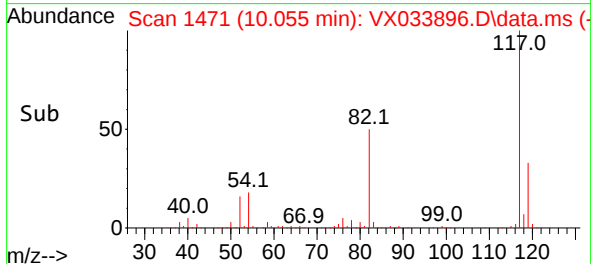
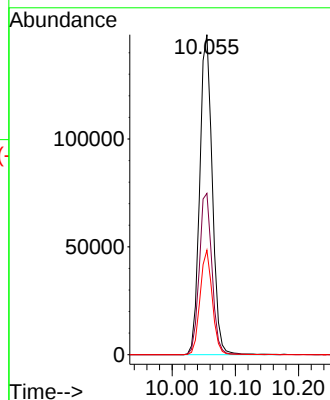
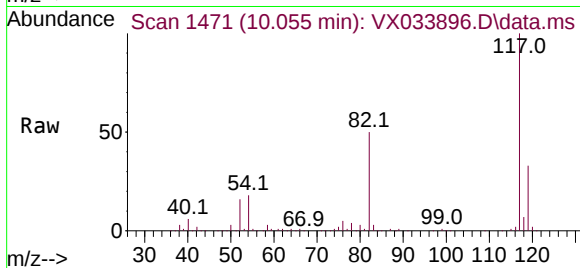
Tgt Ion:117 Resp: 205059

Ion Ratio Lower Upper

117 100

82 50.4 40.6 60.8

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: Below Cal

RT: 9.268 min Scan# 1342

Delta R.T. -0.007 min

Lab File: VX033896.D

Acq: 25 Jan 2023 18:30

Tgt Ion:164 Resp: 19

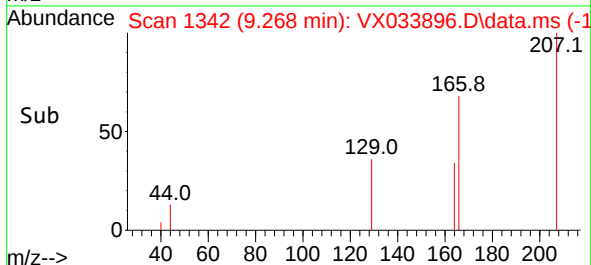
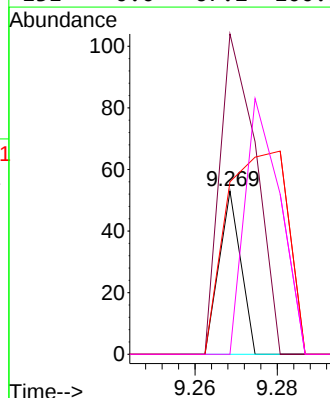
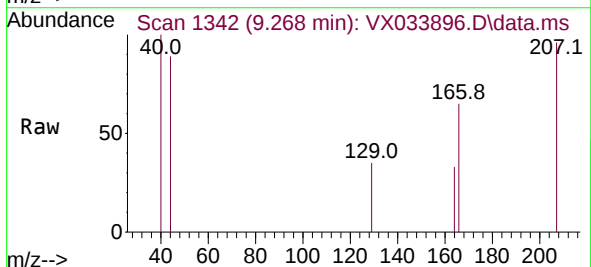
Ion Ratio Lower Upper

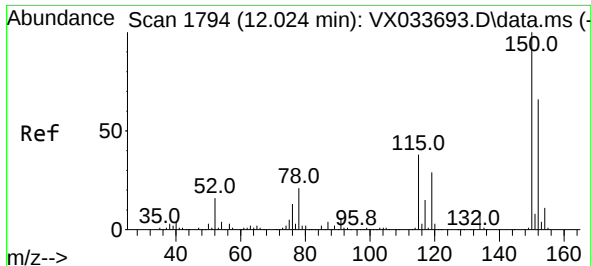
164 100

166 196.2 100.2 150.2#

129 105.7 69.2 103.8#

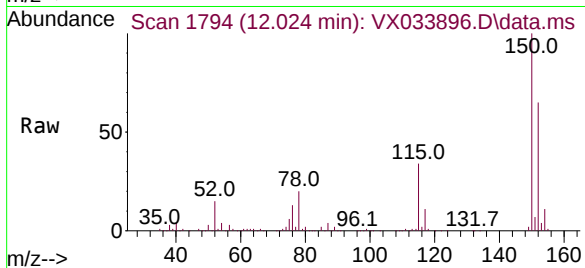
131 0.0 67.2 100.8#



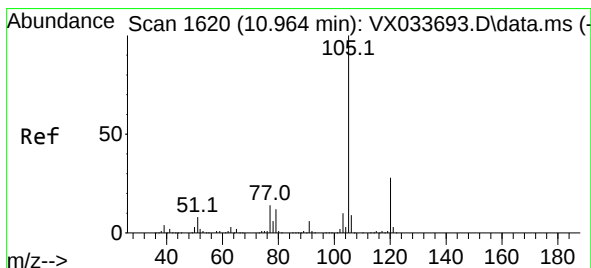
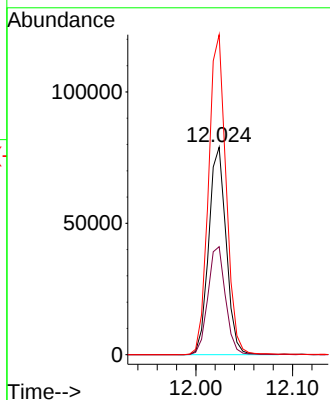
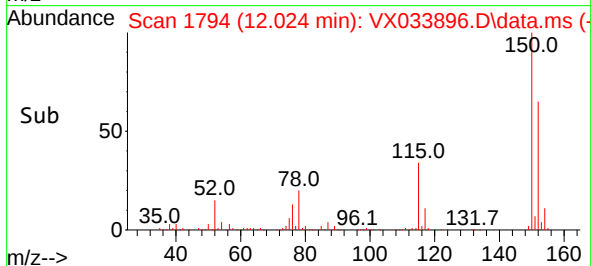


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :

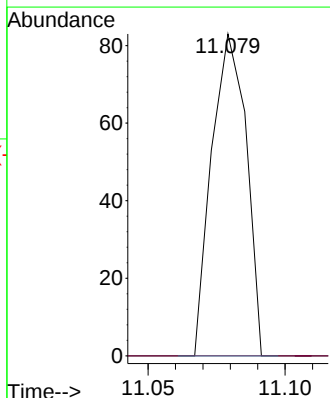
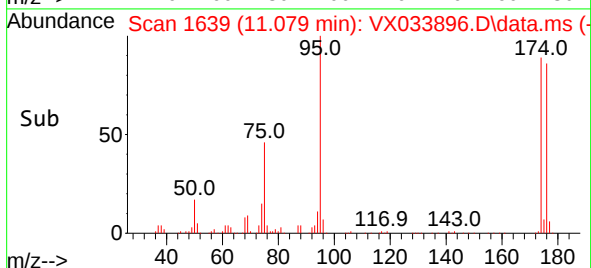
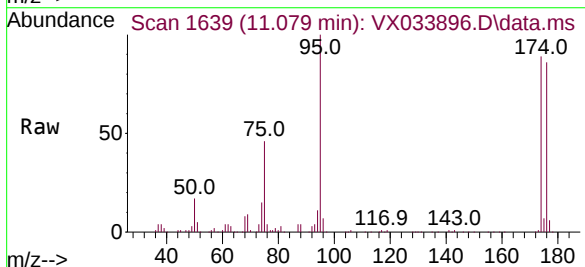


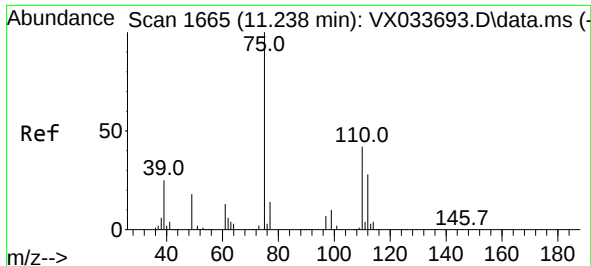
Tgt Ion:152 Resp: 99220
Ion Ratio Lower Upper
152 100
115 52.6 38.7 116.1
150 155.7 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. 0.115 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Tgt Ion:105 Resp: 73
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

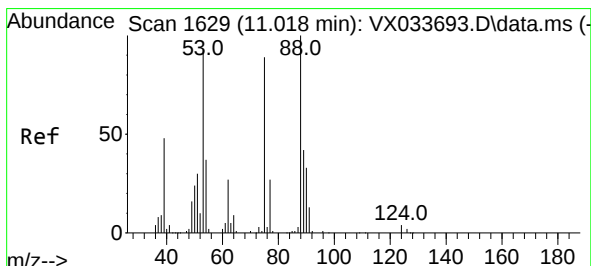
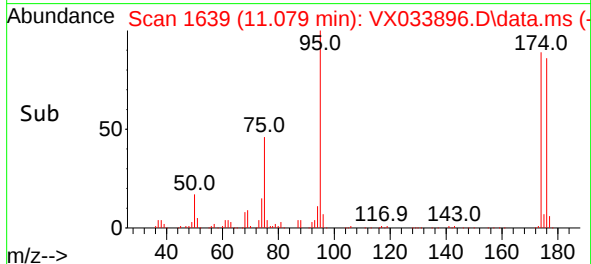
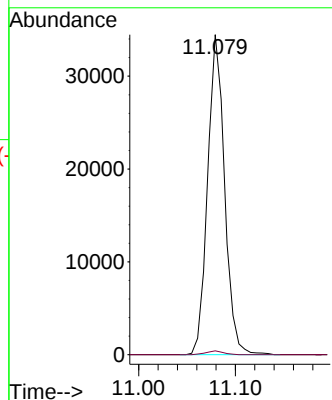
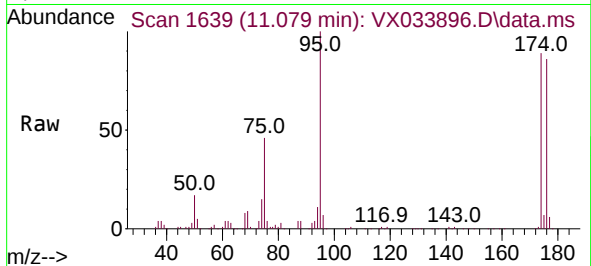




#76
1,2,3-Trichloropropane
Concen: 23.041 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42005
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033896.D
Acq: 25 Jan 2023 18:30

Tgt Ion: 75 Resp: 42005
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

