

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033729.D
 Acq On : 13 Jan 2023 17:51
 Operator : JC/MD
 Sample : 01156-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 05:38:16 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)

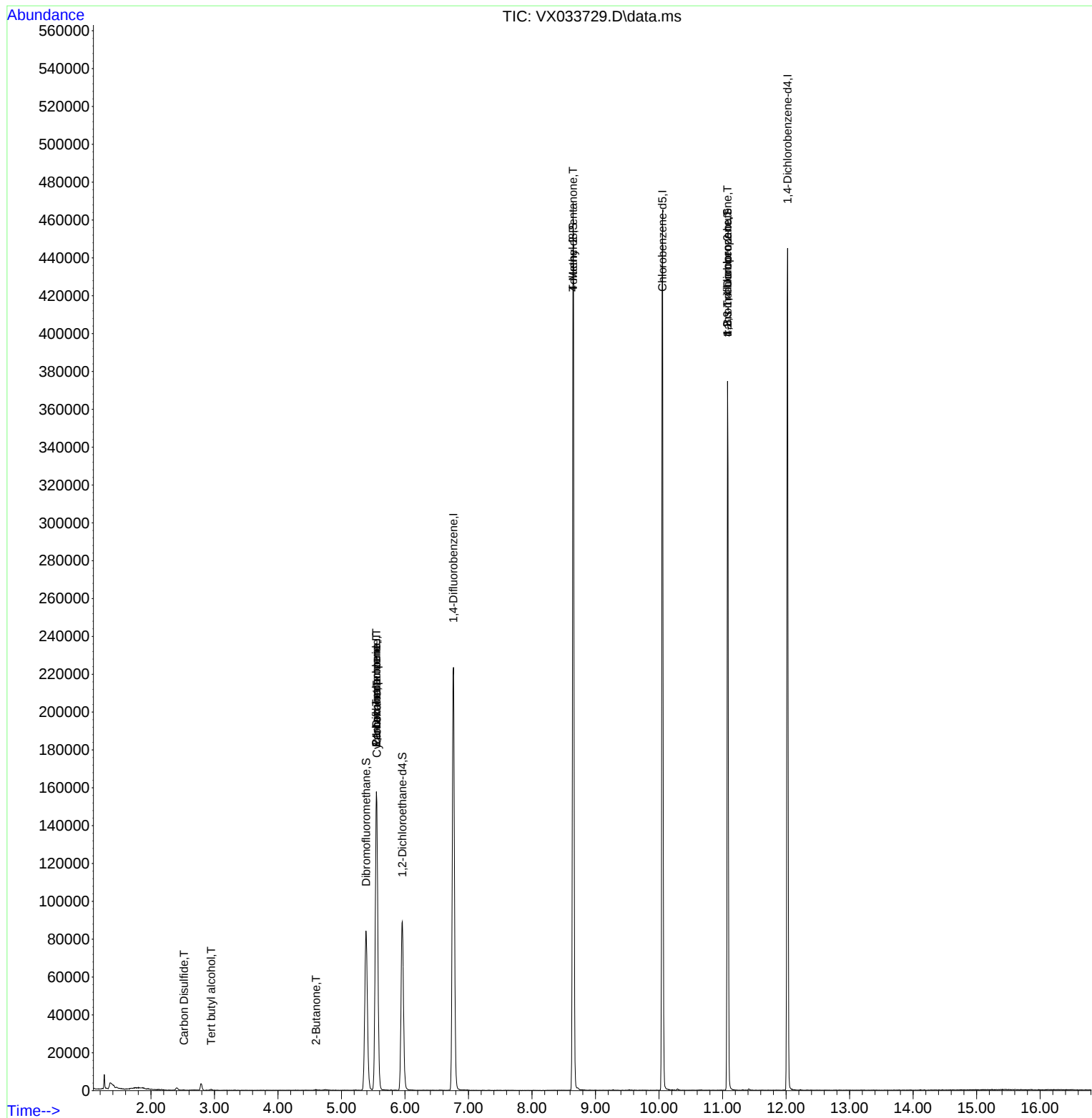
Internal Standards						
1) Pentafluorobenzene	5.550	168	161432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88185	51.882	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.760%	
35) Dibromofluoromethane	5.385	113	72979	49.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.360%	
50) Toluene-d8	8.647	98	275268	50.910	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	11.079	95	95607	47.625	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	330	1.118	ug/l #	86
16) Acetone	2.410	43	2099	Below Cal	#	87
17) Carbon Disulfide	2.520	76	222	1.887	ug/l #	76
20) Methylene Chloride	2.782	84	1664	Below Cal	#	86
25) 2-Butanone	4.599	43	544	0.490	ug/l	94
31) Cyclohexane	5.556	56	2873	1.149	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11023	5.090	ug/l #	48
37) Ethyl Acetate	4.727	43	1034	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	14592	6.505	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1223	0.582	ug/l #	1
73) Isopropylbenzene	10.976	105	50	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	47254	25.715	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	47254	79.919	ug/l #	8

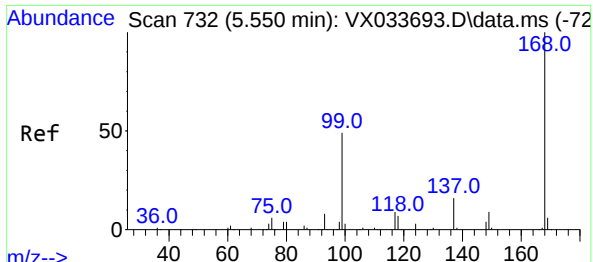
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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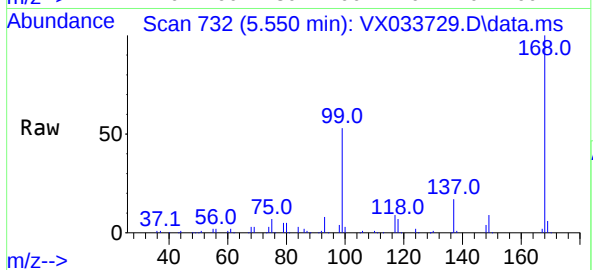
Quant Time: Jan 16 05:38:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
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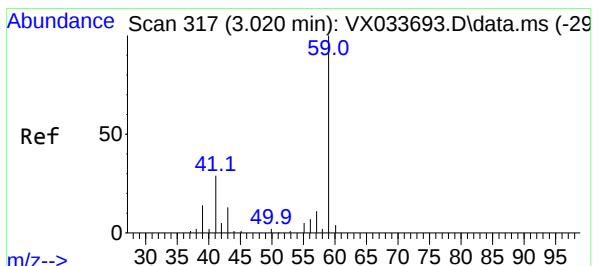
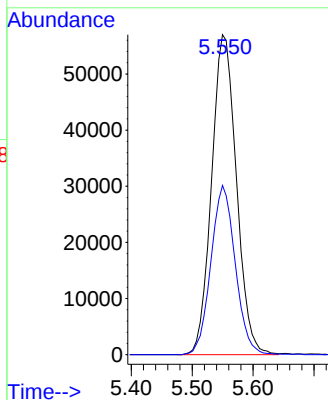
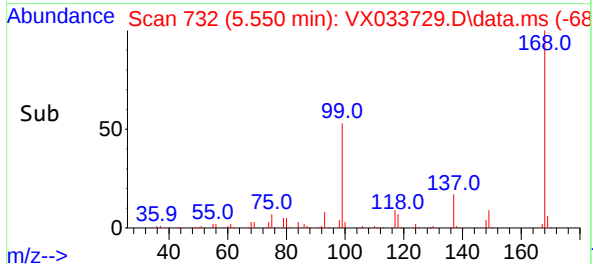


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

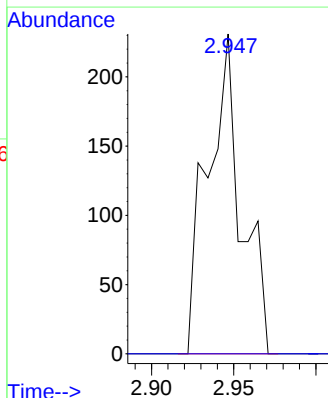
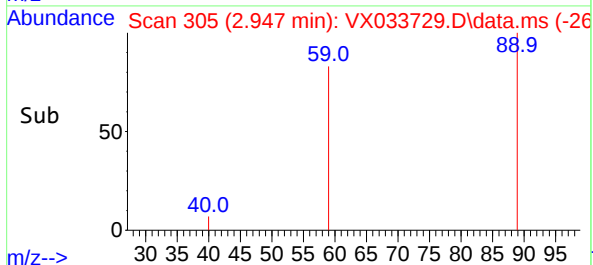
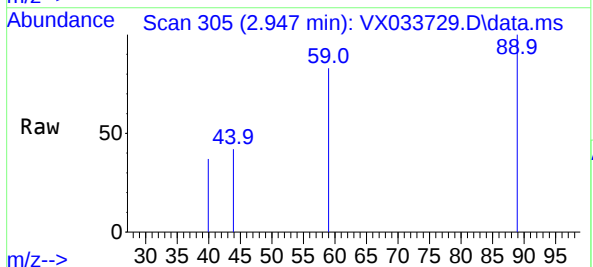


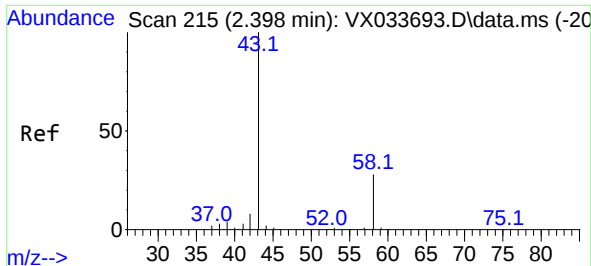
Tgt Ion:168 Resp: 161432
Ion Ratio Lower Upper
168 100
99 52.9 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.118 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

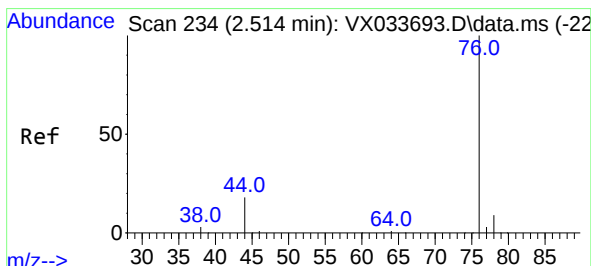
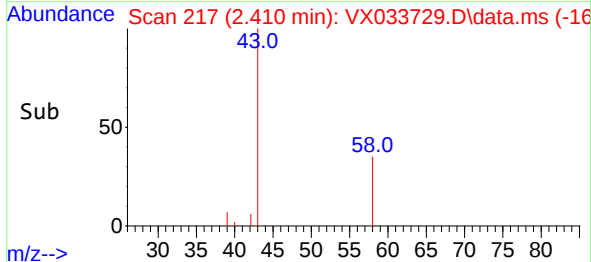
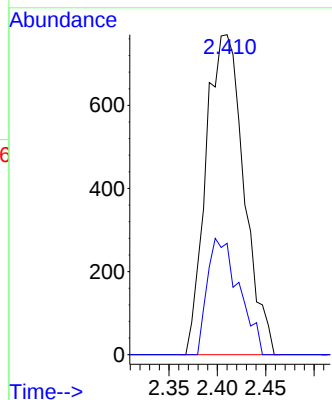
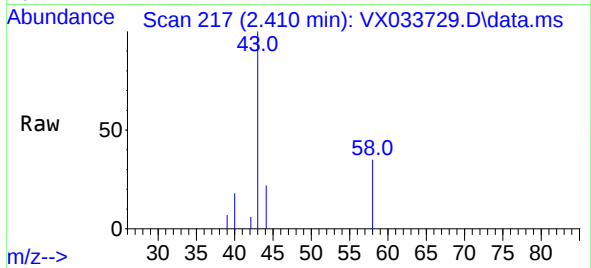




#16
Acetone
Concen: Below Cal
RT: 2.410 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

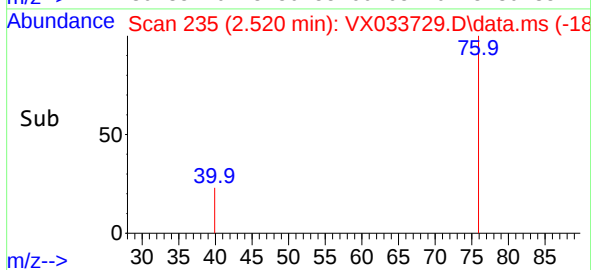
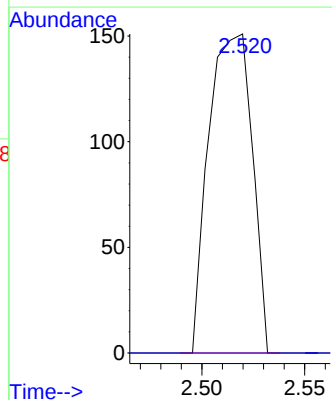
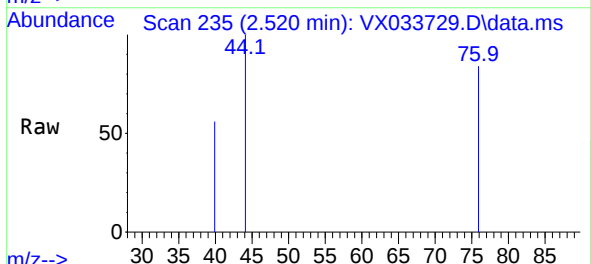
Instrument :
MSVOA_X
ClientSampleId :

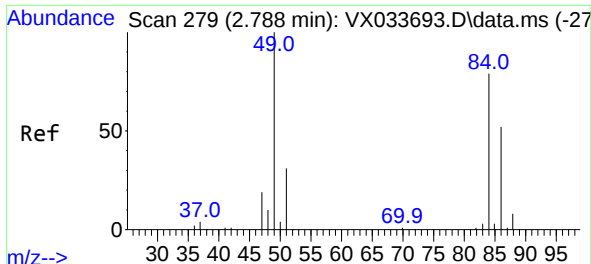
Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
58 34.8 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.887 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

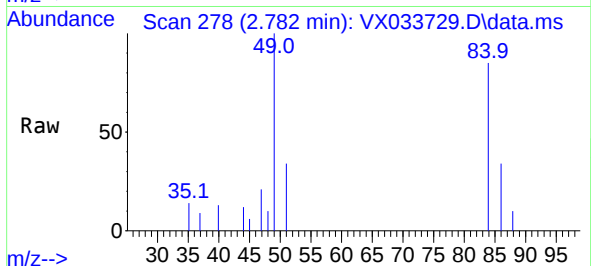
Tgt Ion: 76 Resp: 222
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





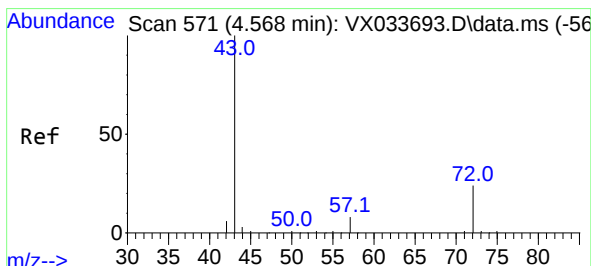
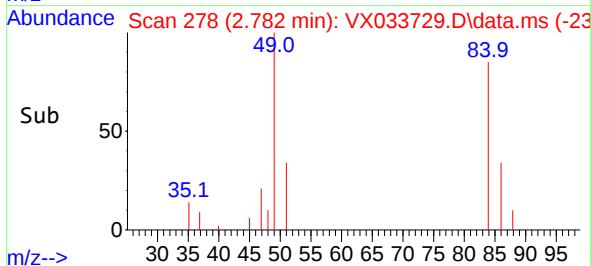
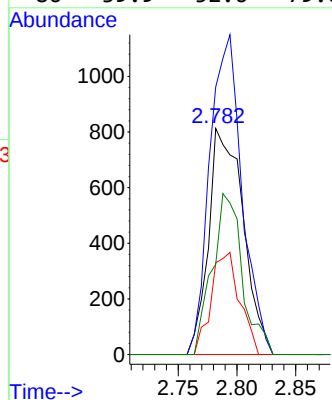
#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1664

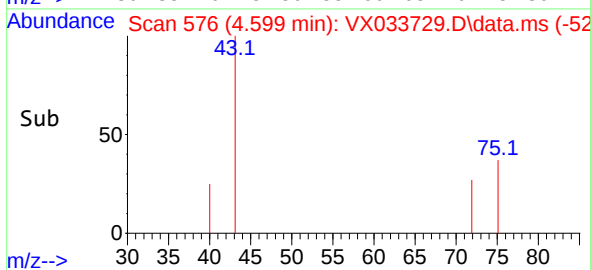
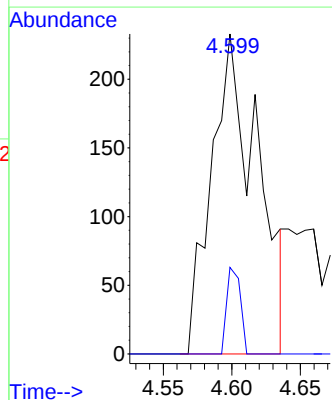
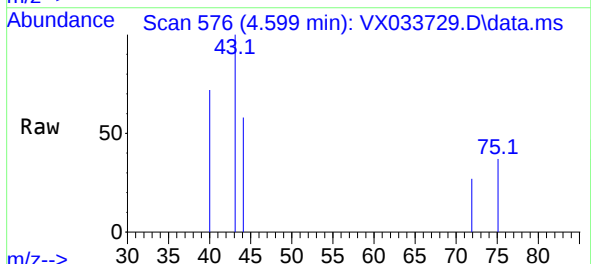
Ion	Ratio	Lower	Upper
84	100		
49	118.3	101.1	151.7
51	40.6	31.0	46.6
86	39.9	52.6	79.0

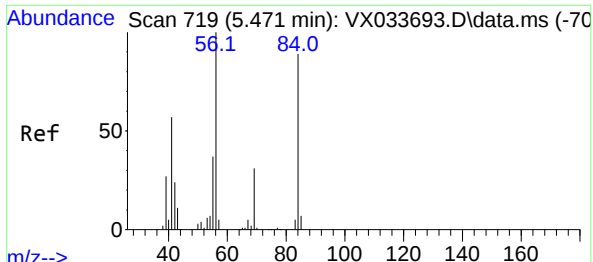


#25
2-Butanone
Concen: 0.490 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.030 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Tgt Ion: 43 Resp: 544

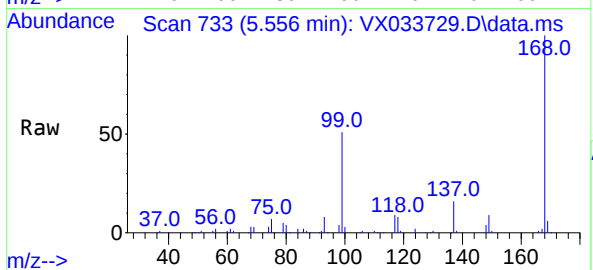
Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.4	29.2



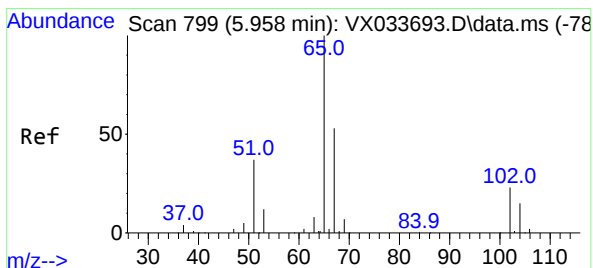
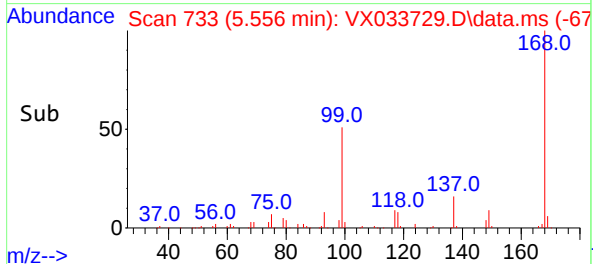
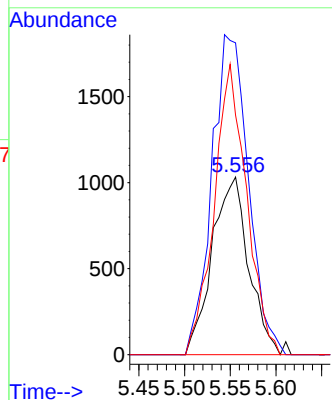


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

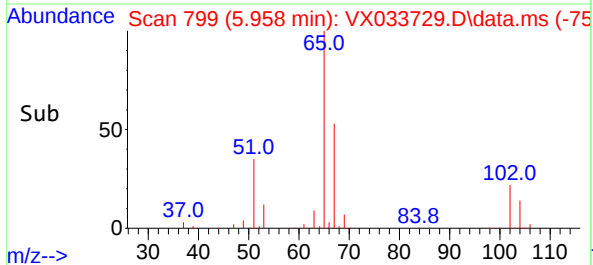
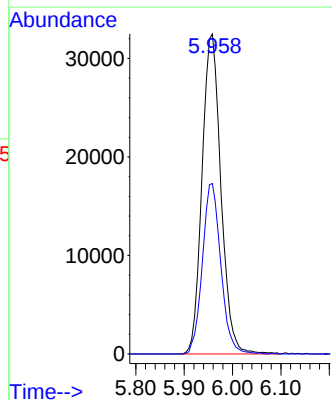
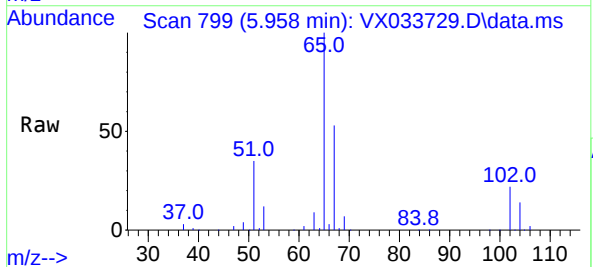


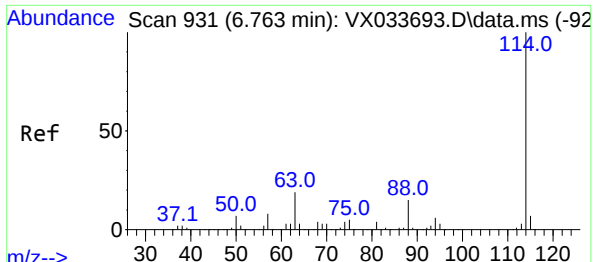
Tgt Ion: 56 Resp: 2873
Ion Ratio Lower Upper
56 100
69 175.7 24.6 37.0#
84 134.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 51.882 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

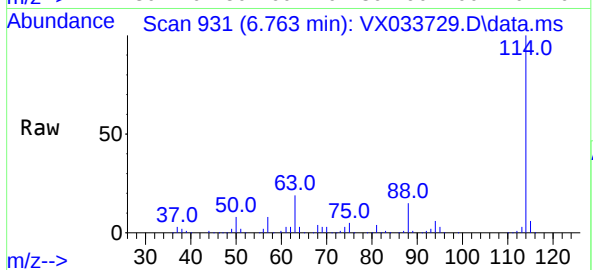
Tgt Ion: 65 Resp: 88185
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8



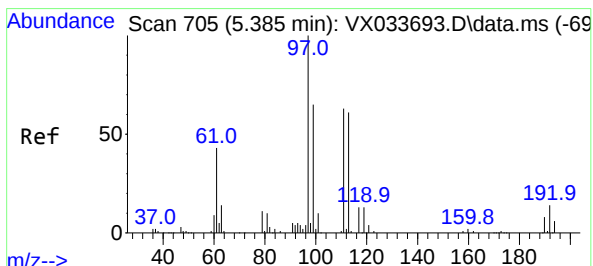
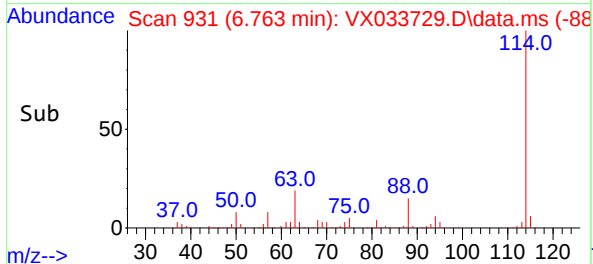
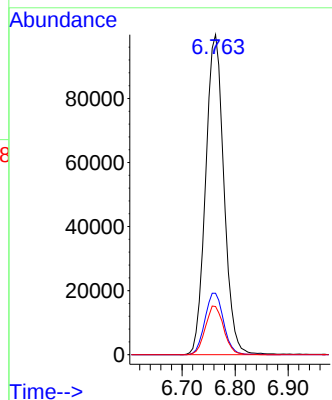


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

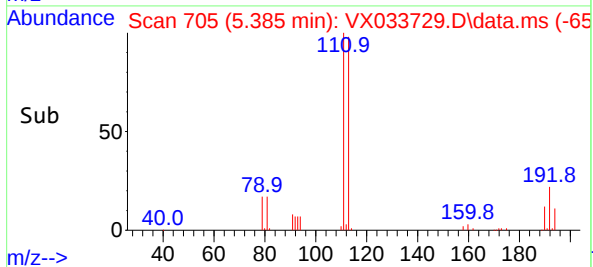
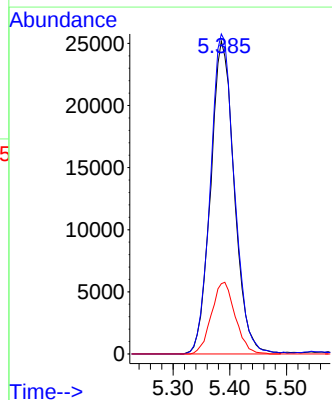
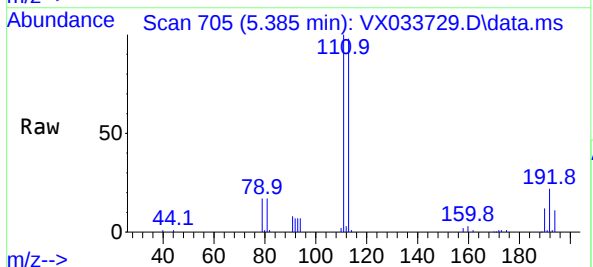


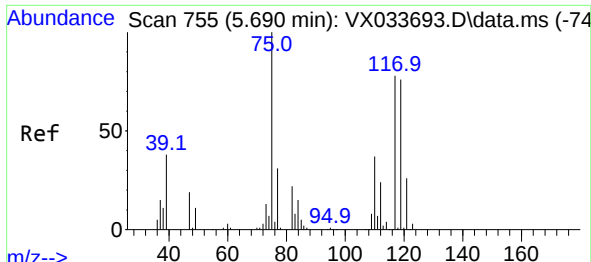
Tgt Ion:114 Resp: 238987
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.178 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

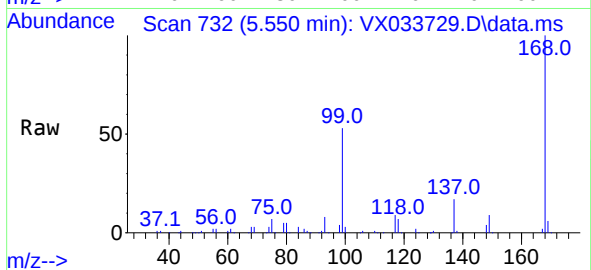
Tgt Ion:113 Resp: 72979
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 23.0 19.0 28.4



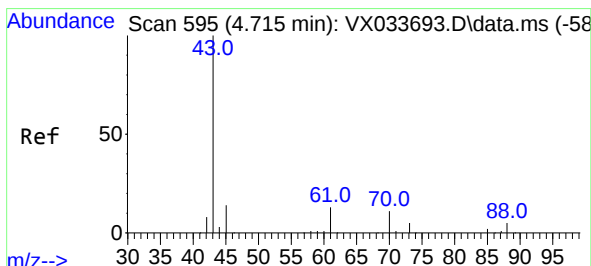
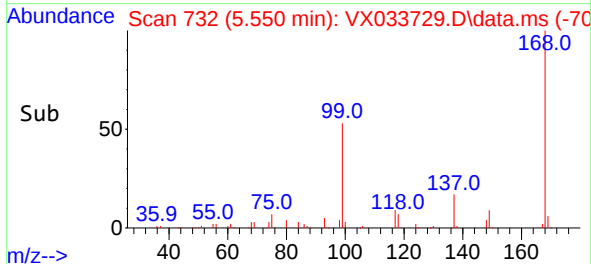
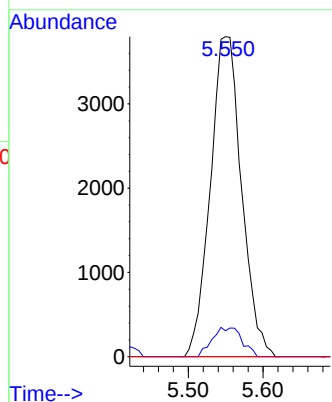


#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

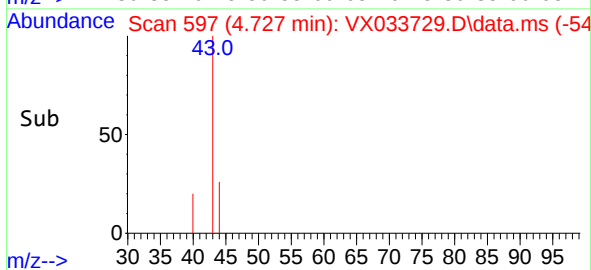
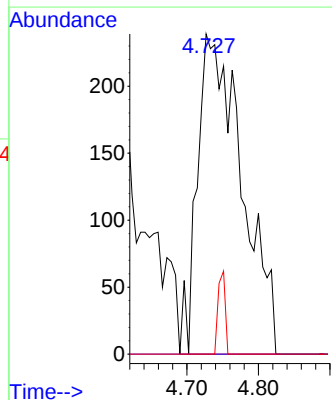
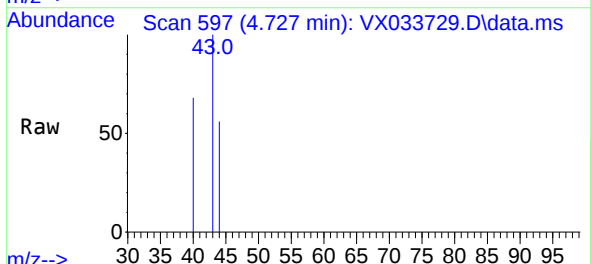


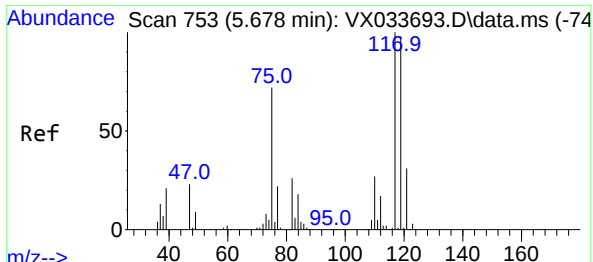
Tgt Ion: 75 Resp: 11023
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

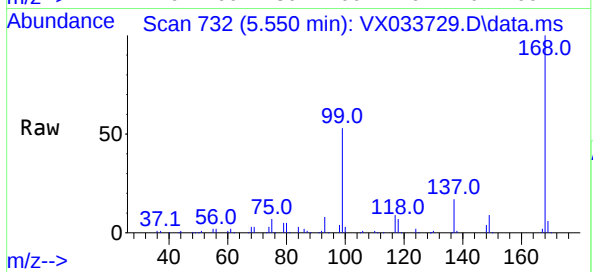
Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



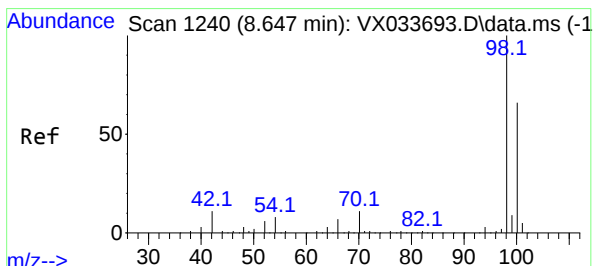
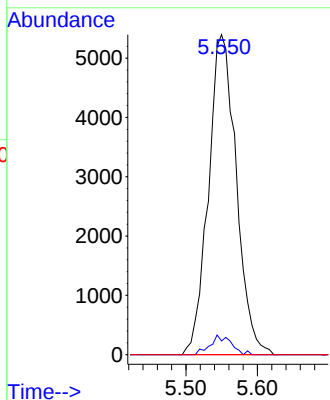
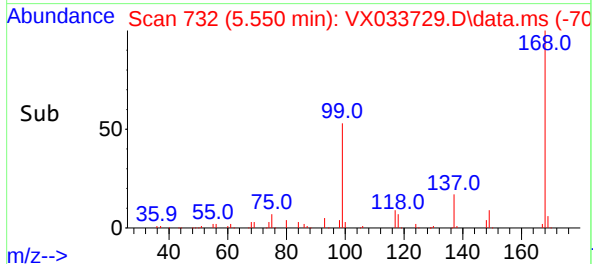


#38
Carbon Tetrachloride
Concen: 6.505 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

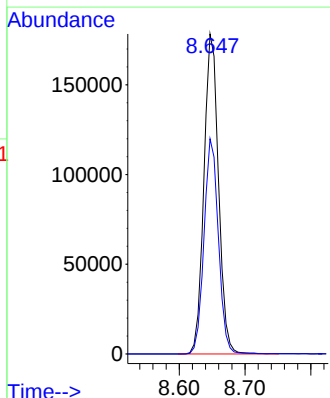
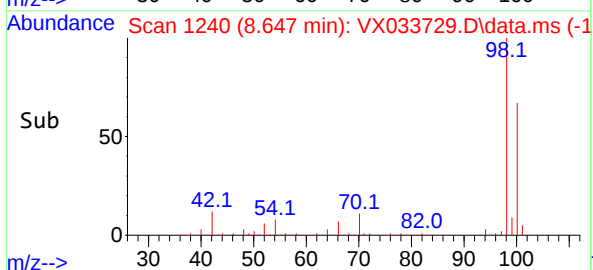
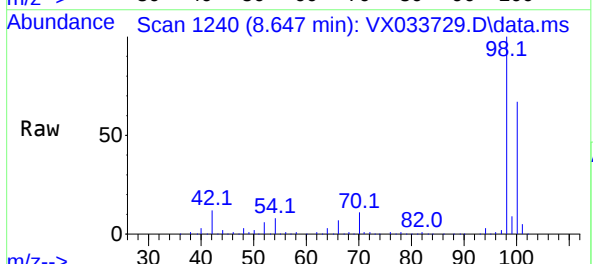


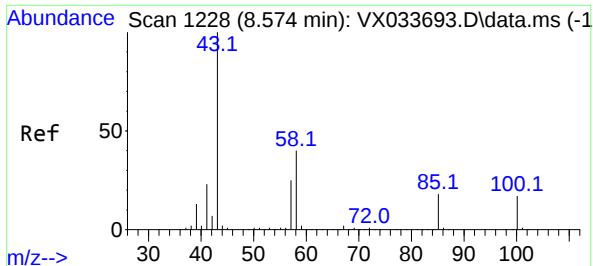
Tgt Ion:117 Resp: 14592
Ion Ratio Lower Upper
117 100
119 4.3 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.910 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Tgt Ion: 98 Resp: 275268
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4

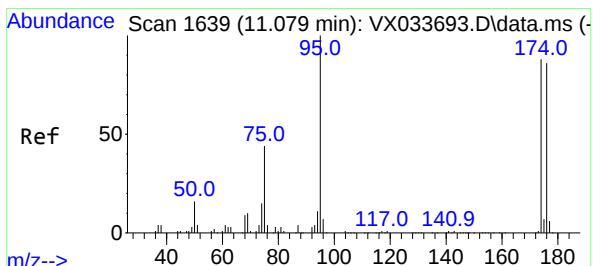
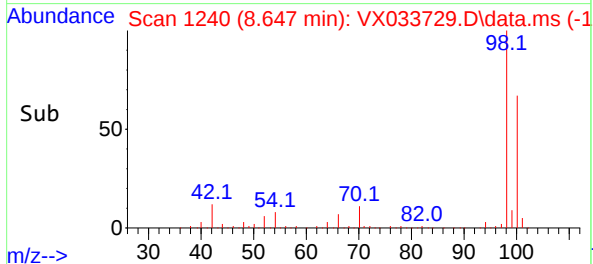
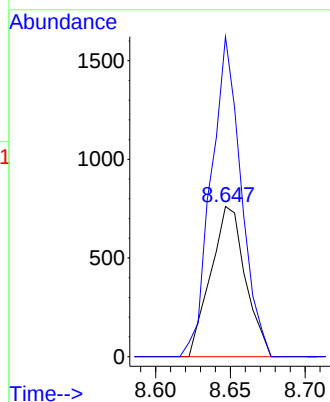
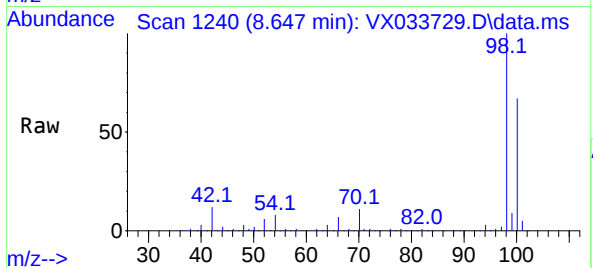




#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

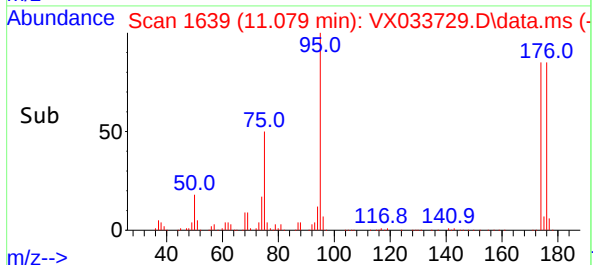
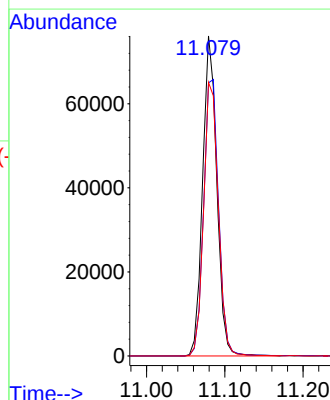
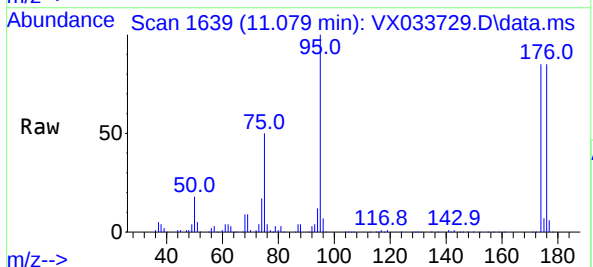
Instrument :
MSVOA_X
ClientSampleId :

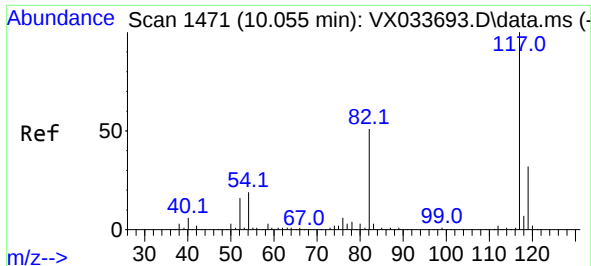
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
58 185.0 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 47.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

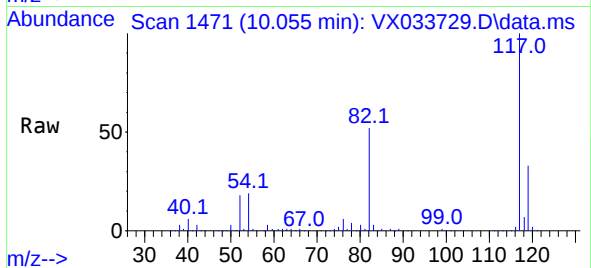
Tgt Ion: 95 Resp: 95607
Ion Ratio Lower Upper
95 100
174 91.1 0.0 184.4
176 88.7 0.0 178.8



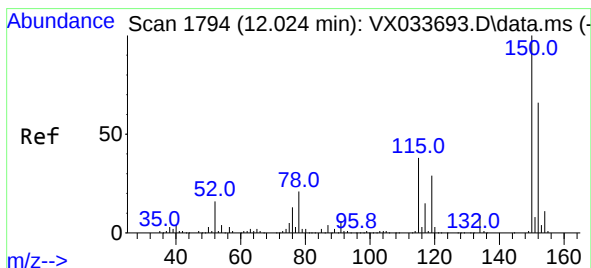
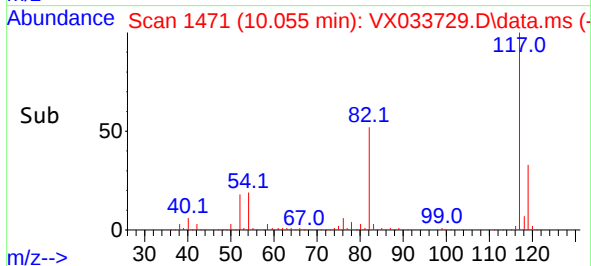
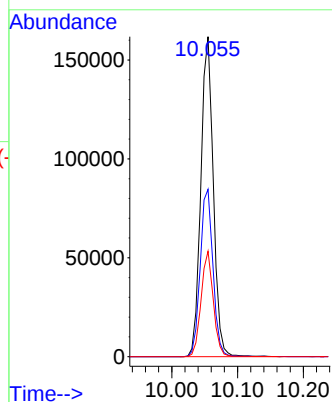


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

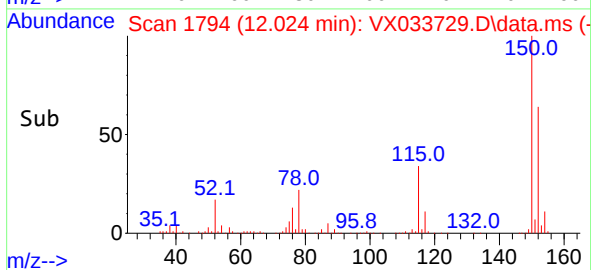
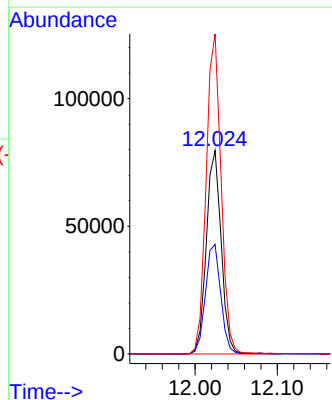
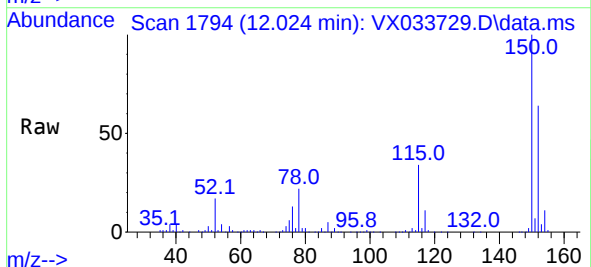


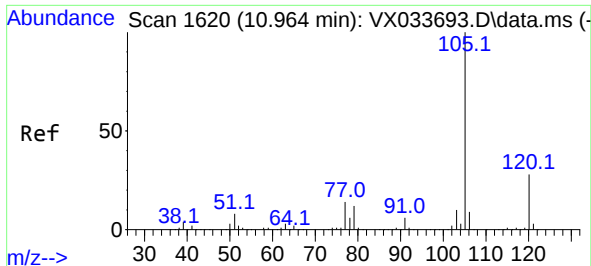
Tgt Ion:117 Resp: 213224
Ion Ratio Lower Upper
117 100
82 52.3 40.6 60.8
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

Tgt Ion:152 Resp: 100014
Ion Ratio Lower Upper
152 100
115 55.8 38.7 116.1
150 158.0 0.0 348.2

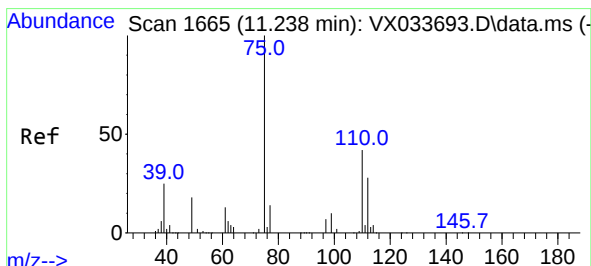
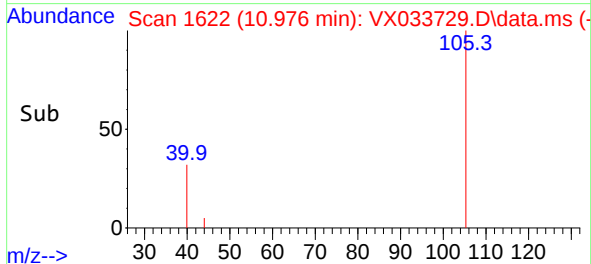
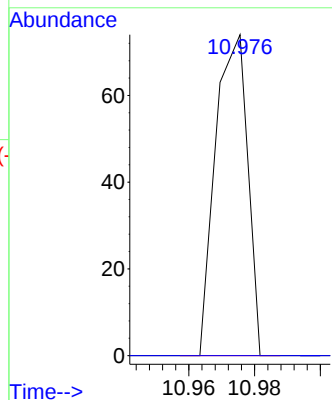
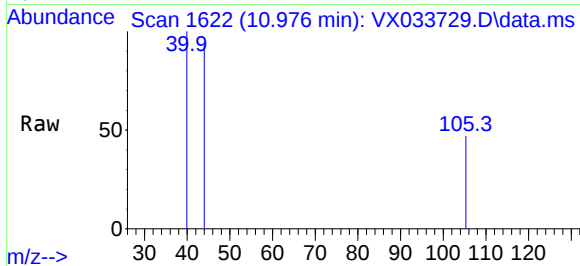




#73
Isopropylbenzene
Concen: Below Cal
RT: 10.976 min Scan# 1639
Delta R.T. 0.012 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

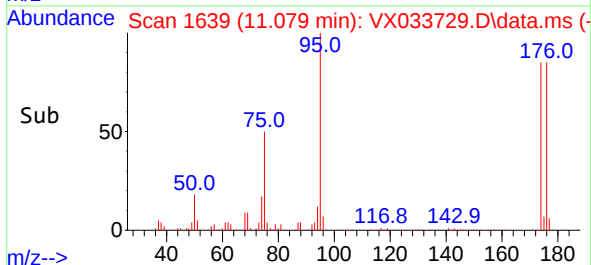
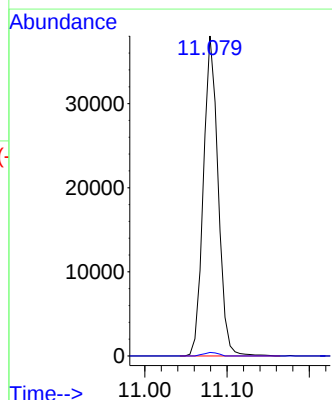
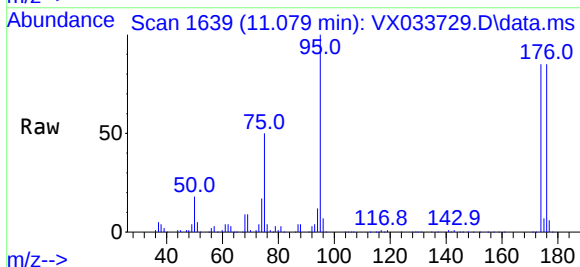
Instrument :
MSVOA_X
ClientSampleId :

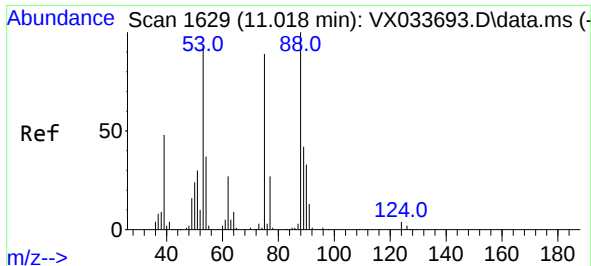
Tgt Ion:105 Resp: 50
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#76
1,2,3-Trichloropropane
Concen: 25.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033729.D
Acq: 13 Jan 2023 17:51

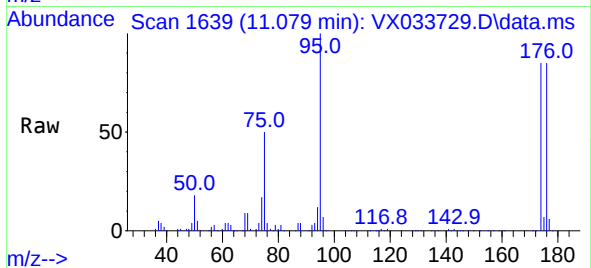
Tgt Ion: 75 Resp: 47254
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.919 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033729.D
 Acq: 13 Jan 2023 17:51

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 47254
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

