

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033728.D
 Acq On : 13 Jan 2023 17:28
 Operator : JC/MD
 Sample : 01156-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 05:38:07 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)

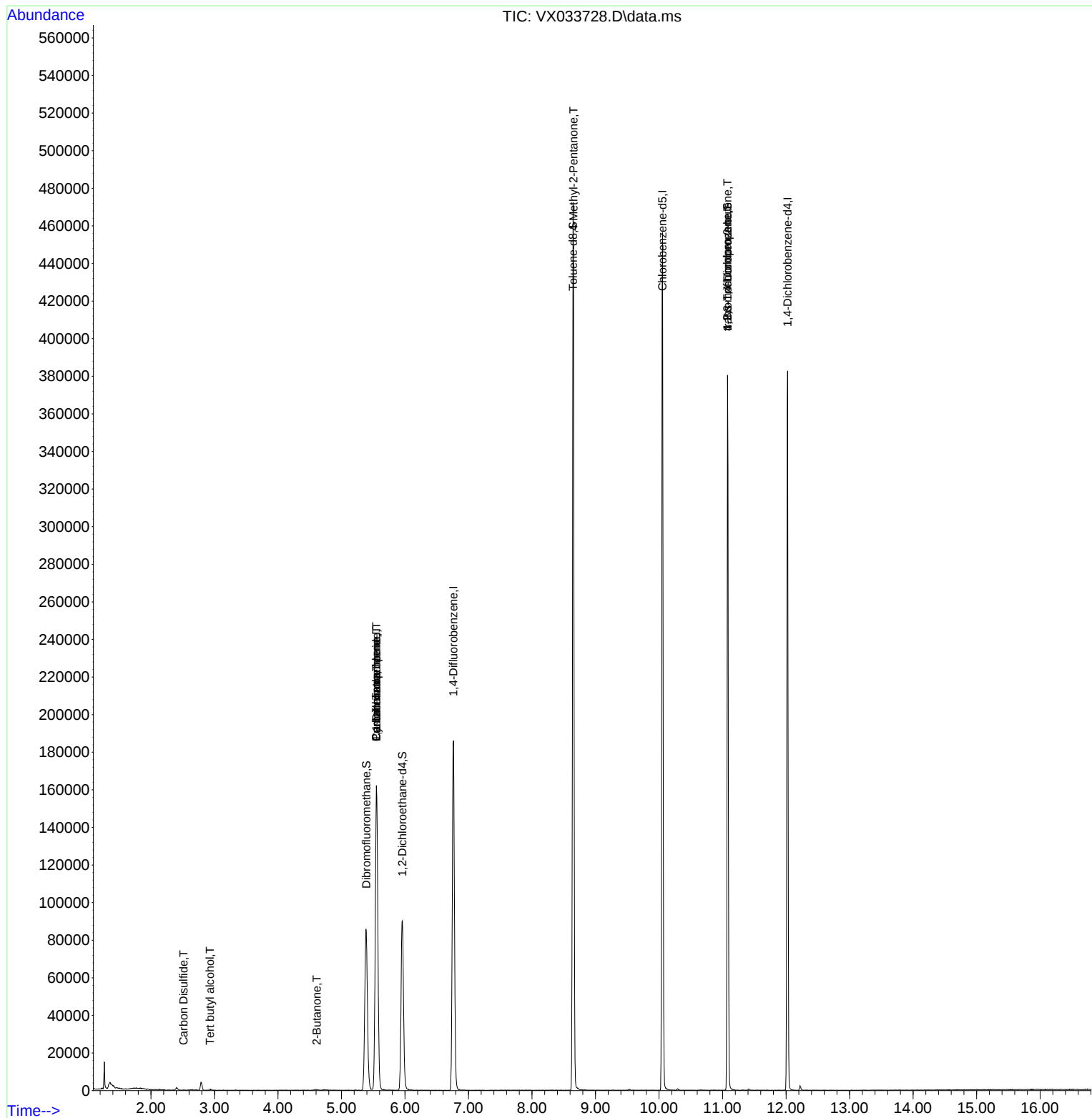
Internal Standards						
1) Pentafluorobenzene	5.550	168	167320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89709	50.921	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.840%		
35) Dibromofluoromethane	5.391	113	75979	64.587	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 129.180%#		
50) Toluene-d8	8.647	98	282897	66.002	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 132.000%#		
62) 4-Bromofluorobenzene	11.079	95	95156	59.795	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 119.600%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.928	59	382	1.248	ug/l #	86
16) Acetone	2.398	43	2238	Below Cal		99
17) Carbon Disulfide	2.514	76	269	1.898	ug/l #	76
20) Methylene Chloride	2.794	84	2061	Below Cal		91
25) 2-Butanone	4.611	43	435	0.378	ug/l #	51
31) Cyclohexane	5.550	56	2900	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11206	6.527	ug/l #	49
37) Ethyl Acetate	4.733	43	862	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	15233	8.567	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1075	0.646	ug/l #	1
73) Isopropylbenzene	11.079	105	92	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.085	83	23	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	46743	30.602	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	46743	95.108	ug/l #	8

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

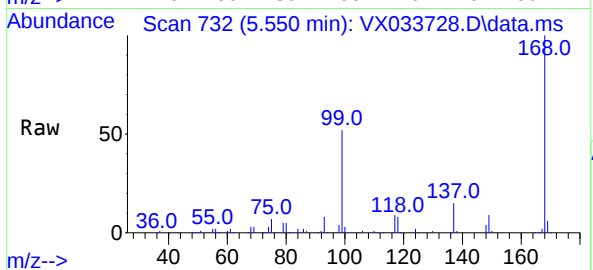
Quant Time: Jan 16 05:38:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



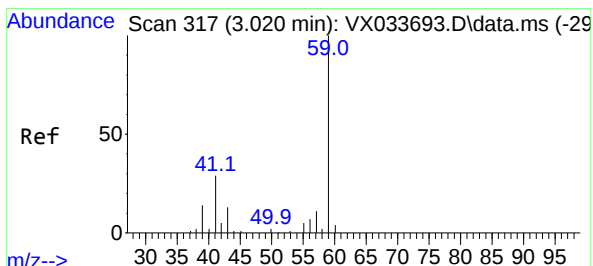
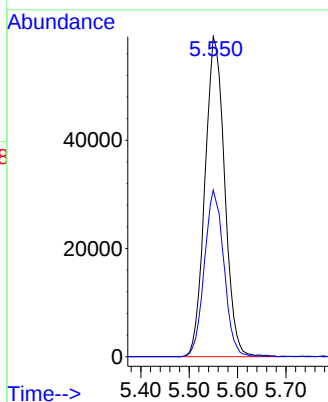
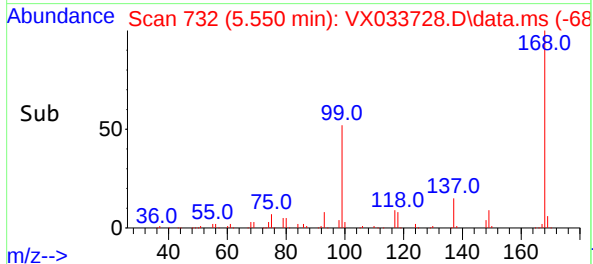


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

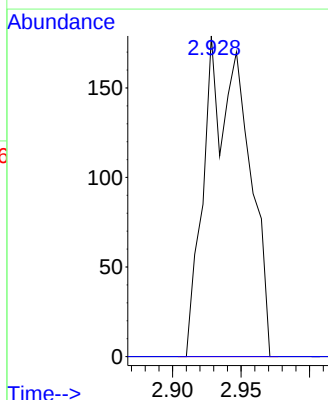
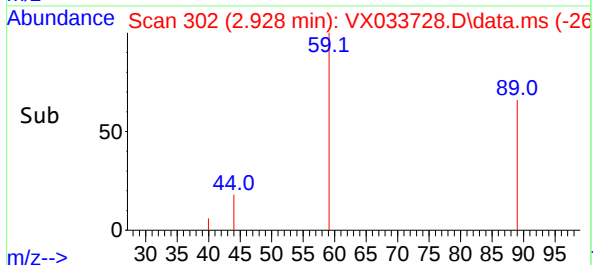
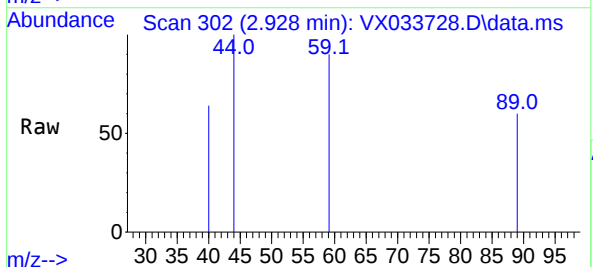


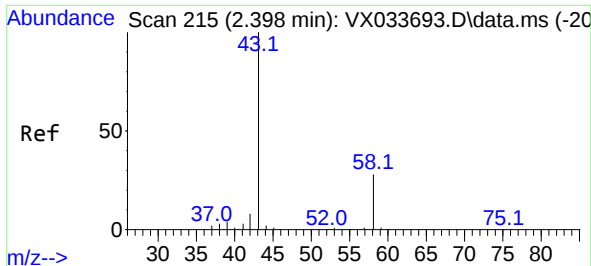
Tgt Ion:168 Resp: 167320
Ion Ratio Lower Upper
168 100
99 52.1 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.248 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.092 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

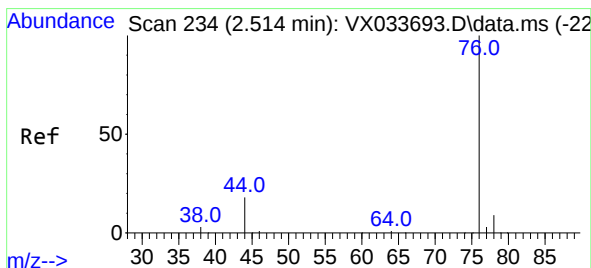
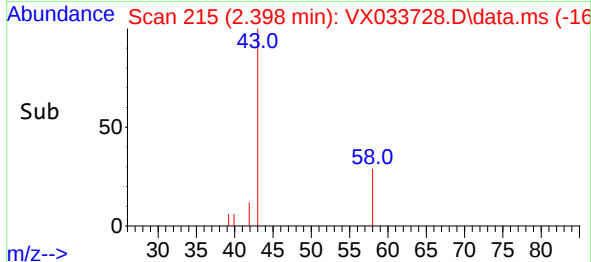
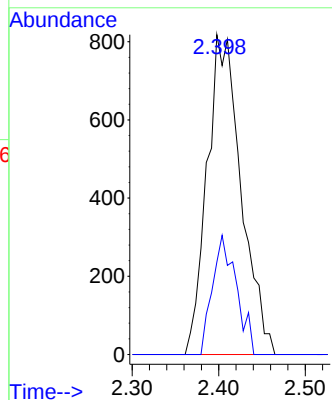
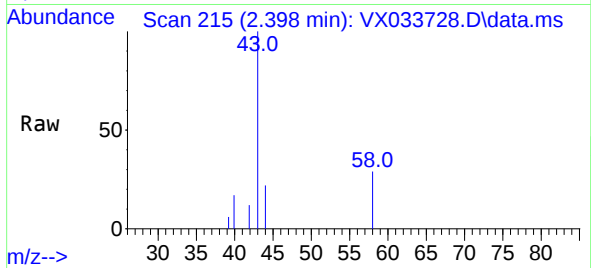




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

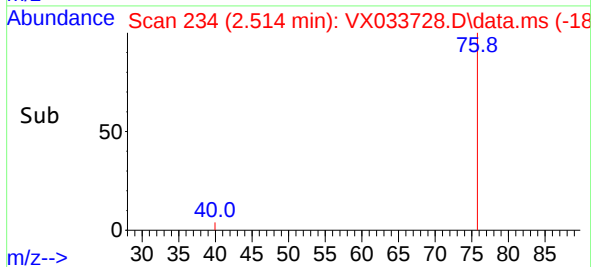
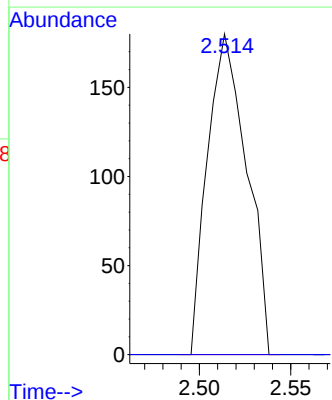
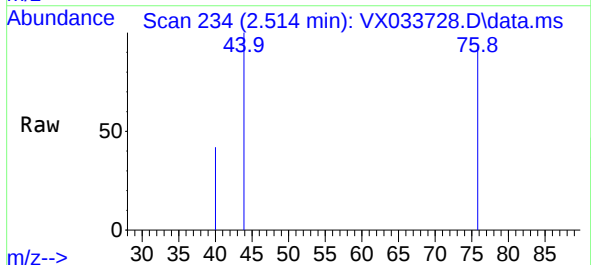
Instrument :
MSVOA_X
ClientSampleId :

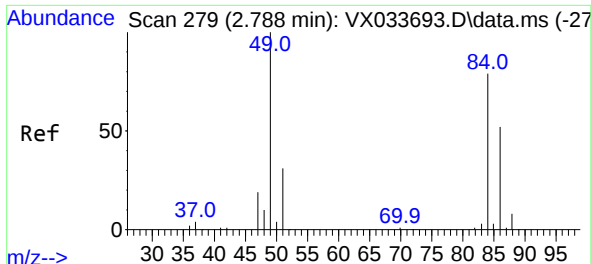
Tgt Ion: 43 Resp: 2238
Ion Ratio Lower Upper
43 100
58 28.9 22.6 33.8



#17
Carbon Disulfide
Concen: 1.898 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

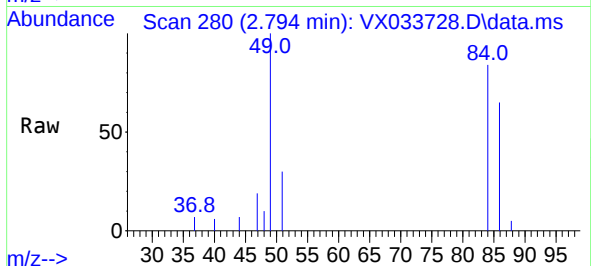
Tgt Ion: 76 Resp: 269
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





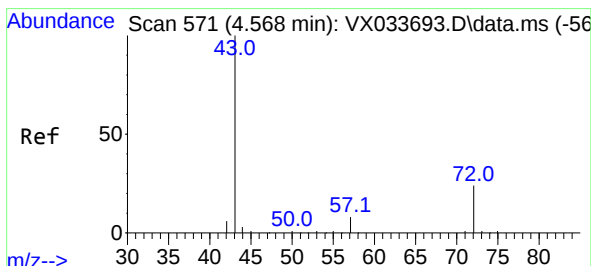
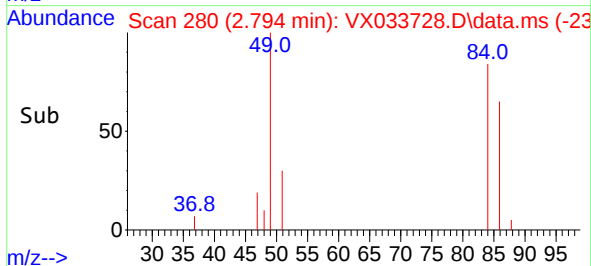
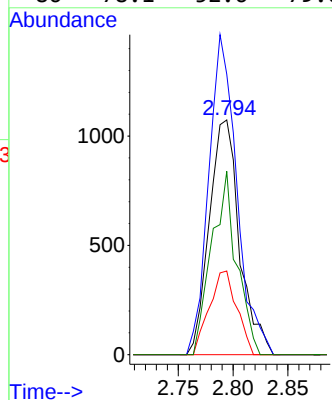
#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 2061

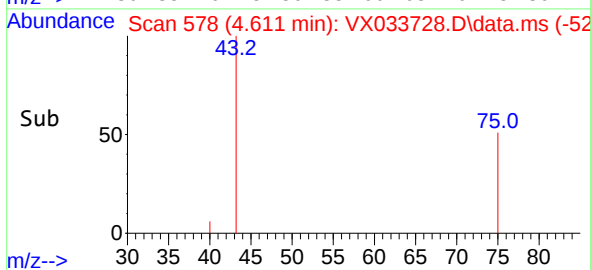
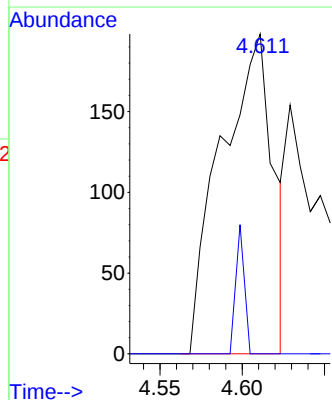
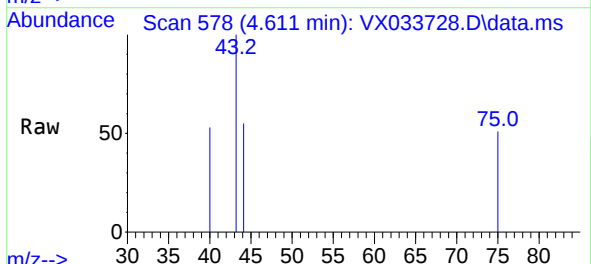
Ion	Ratio	Lower	Upper
84	100		
49	119.5	101.1	151.7
51	35.7	31.0	46.6
86	78.1	52.6	79.0

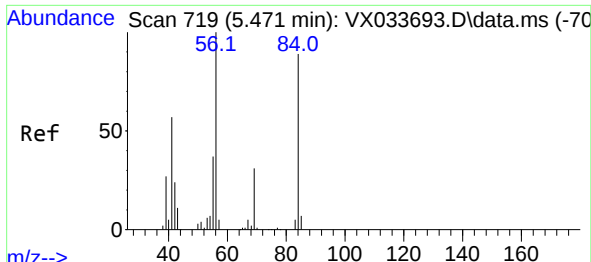


#25
2-Butanone
Concen: 0.378 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Tgt Ion: 43 Resp: 435

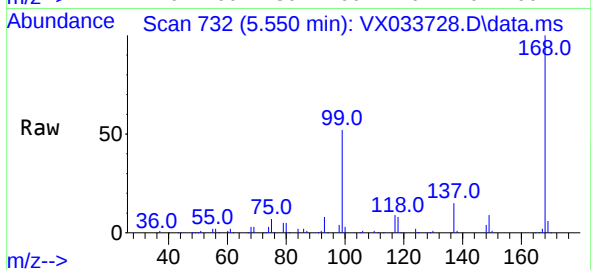
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



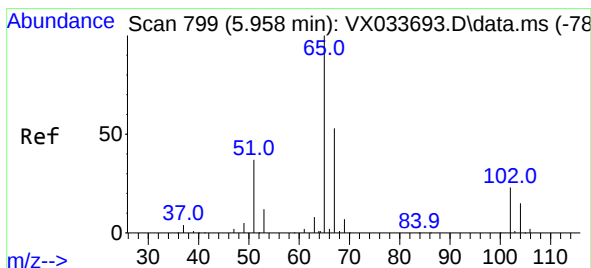
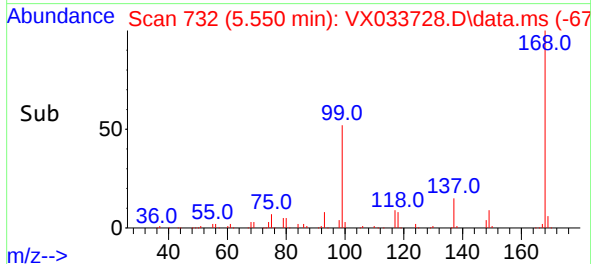
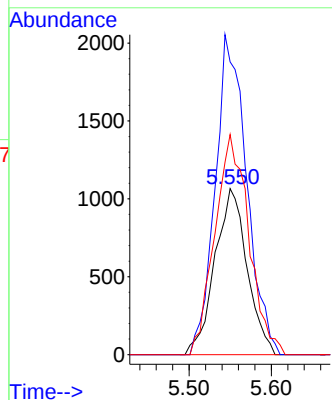


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

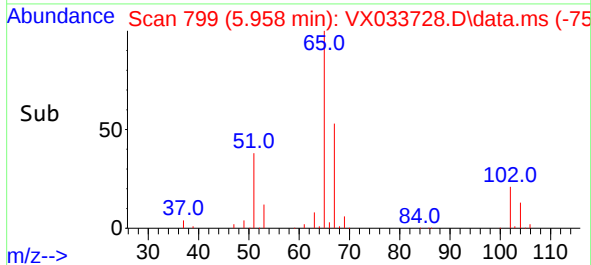
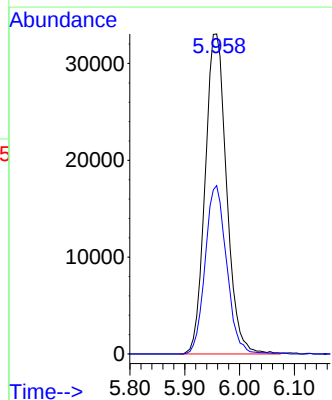
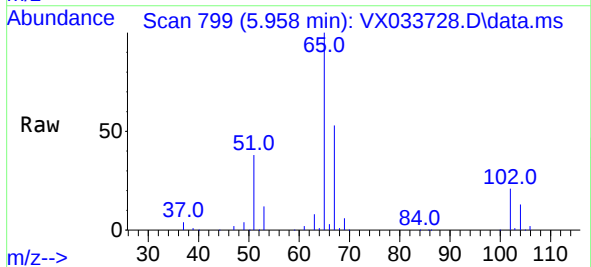


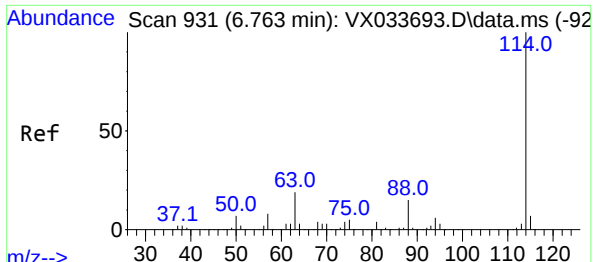
Tgt Ion: 56 Resp: 2900
Ion Ratio Lower Upper
56 100
69 176.3 24.6 37.0#
84 132.6 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 50.921 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Tgt Ion: 65 Resp: 89709
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

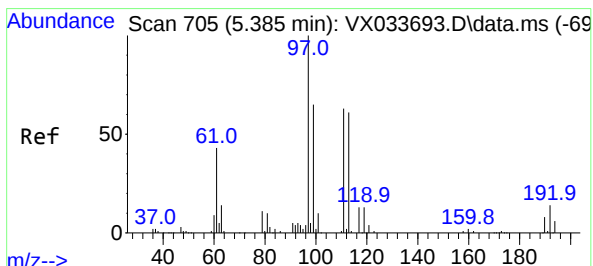
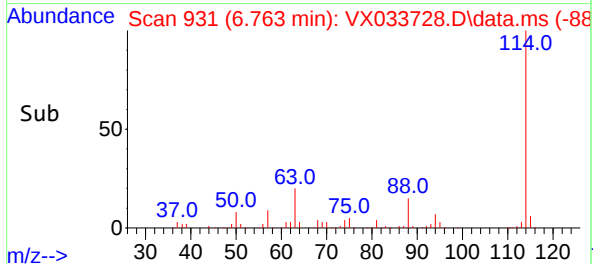
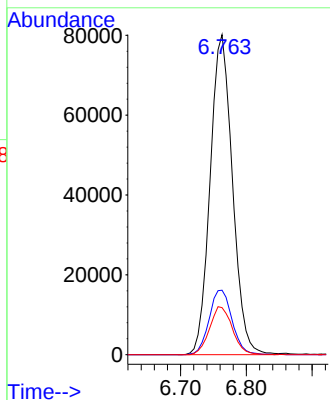
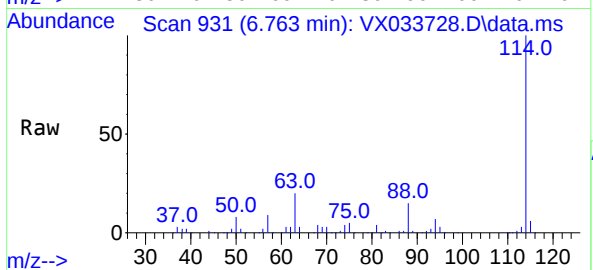




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

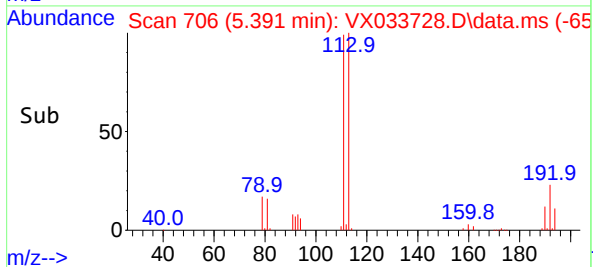
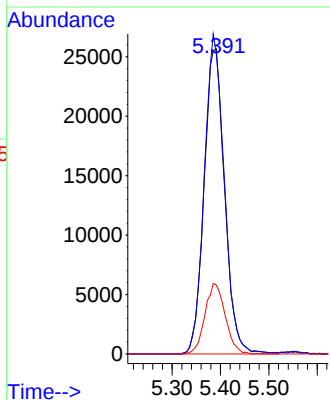
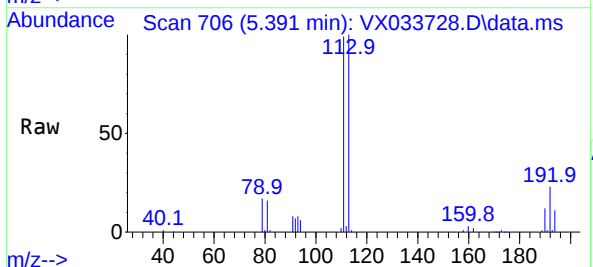
Instrument :
MSVOA_X
ClientSampleId :

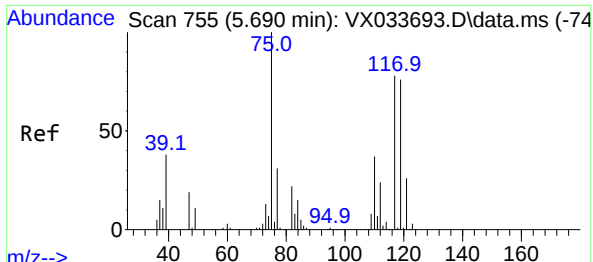
Tgt Ion:114 Resp: 189449
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 64.587 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

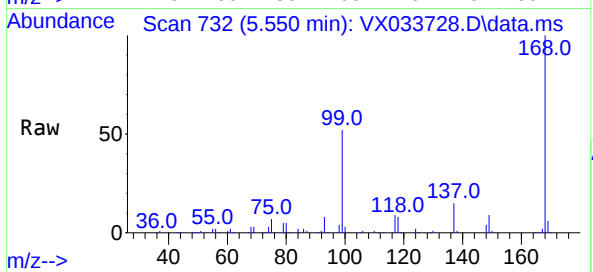
Tgt Ion:113 Resp: 75979
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.6
192 22.7 19.0 28.4



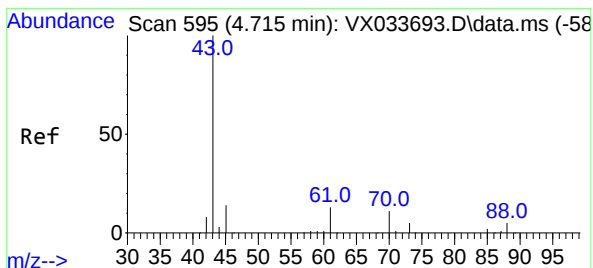
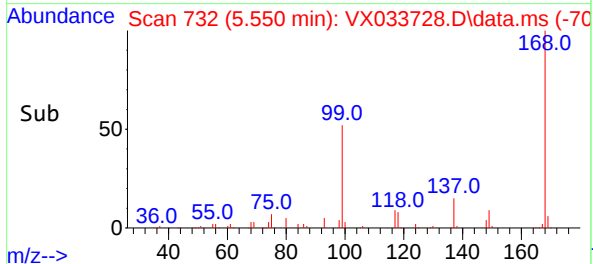
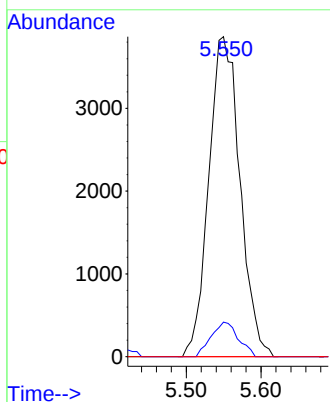


#36
1,1-Dichloropropene
Concen: 6.527 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

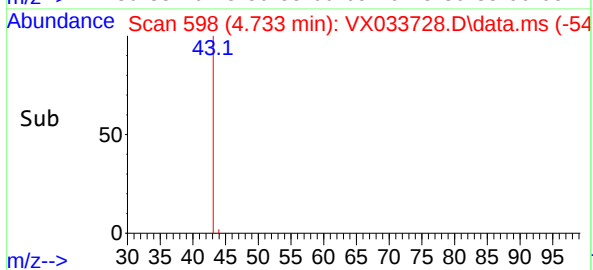
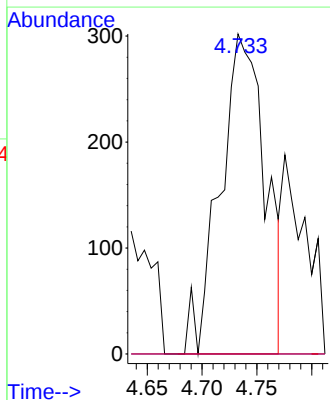
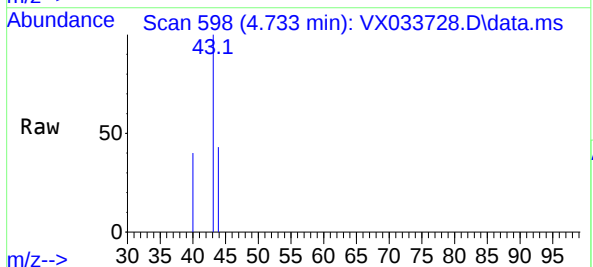


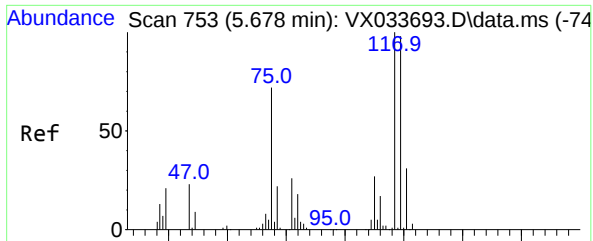
Tgt Ion: 75 Resp: 11206
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

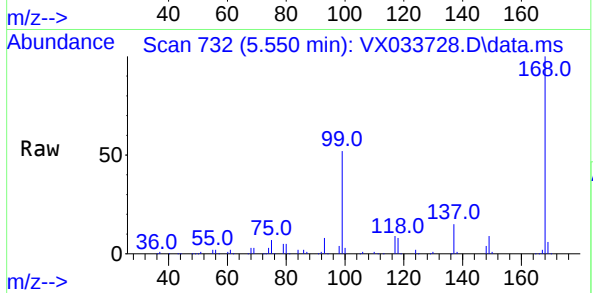
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



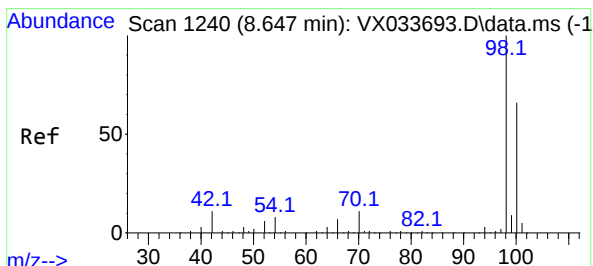
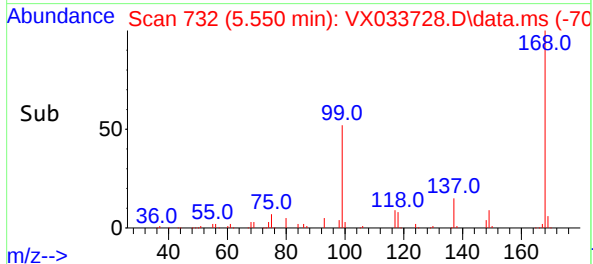
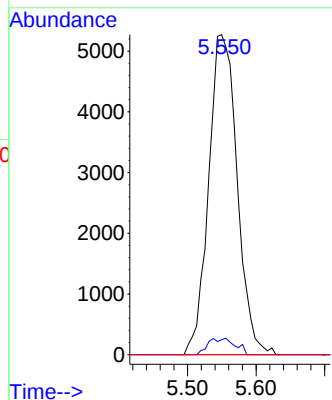


#38
Carbon Tetrachloride
Concen: 8.567 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

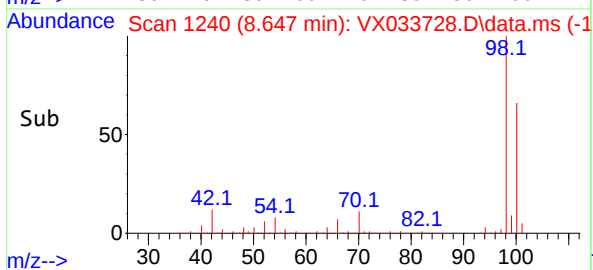
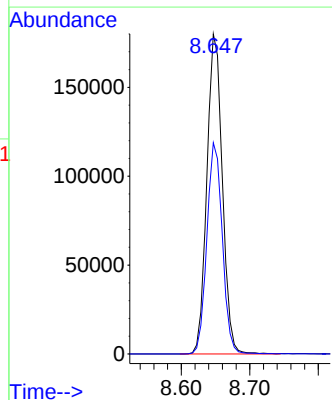
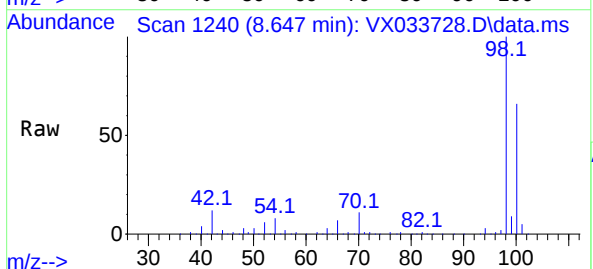


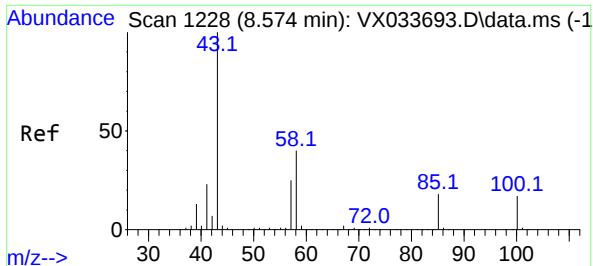
Tgt Ion:117 Resp: 15233
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 66.002 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Tgt Ion: 98 Resp: 282897
Ion Ratio Lower Upper
98 100
100 65.9 53.6 80.4

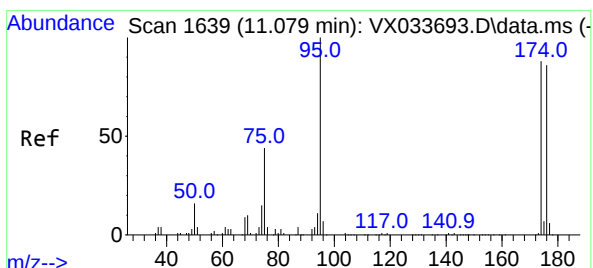
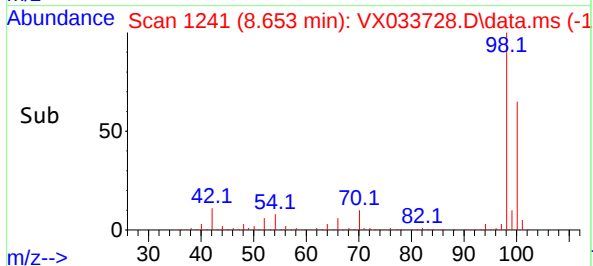
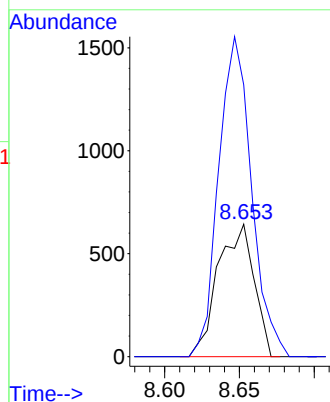
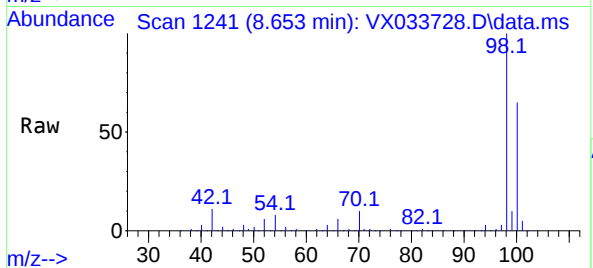




#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

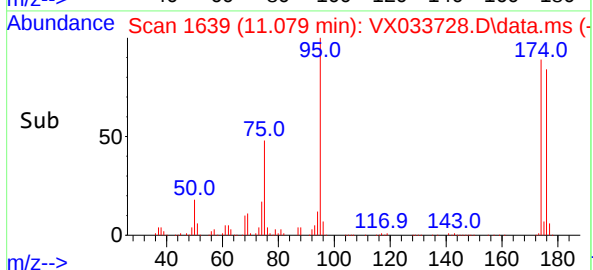
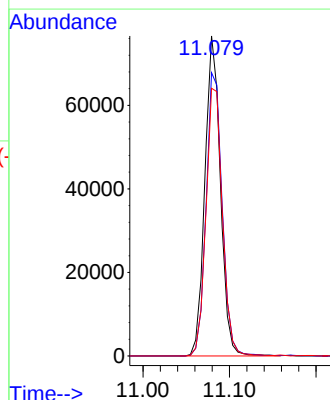
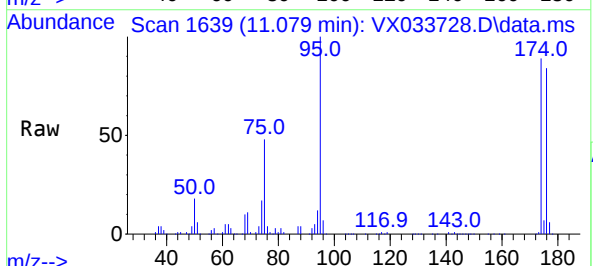
Instrument :
MSVOA_X
ClientSampleId :

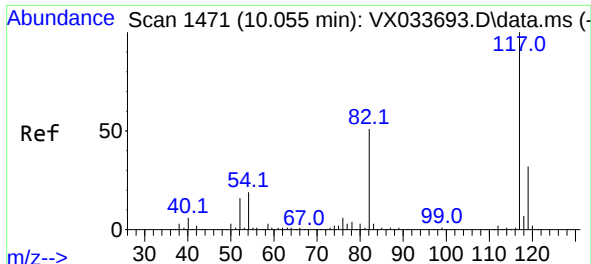
Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
58 221.1 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 59.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

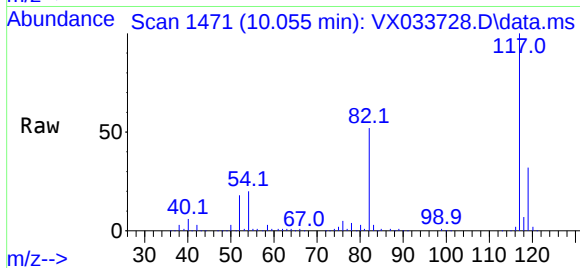
Tgt Ion: 95 Resp: 95156
Ion Ratio Lower Upper
95 100
174 91.8 0.0 184.4
176 88.8 0.0 178.8



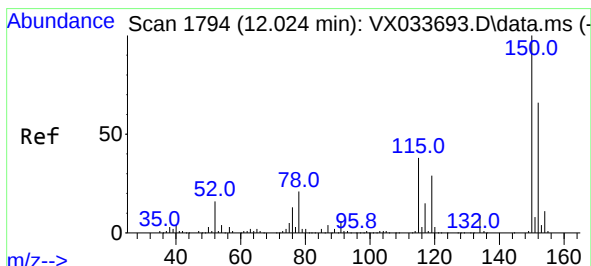
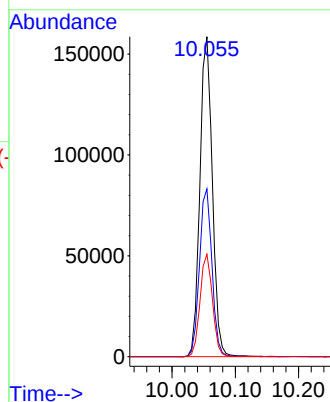
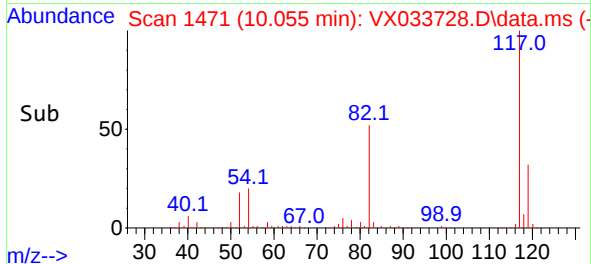


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

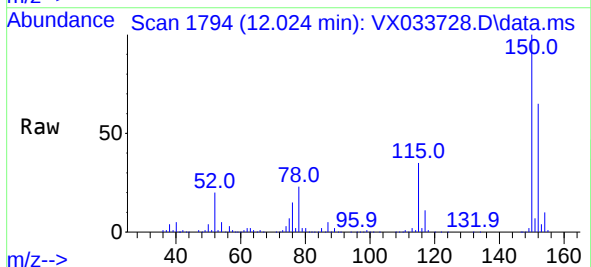
Instrument :
MSVOA_X
ClientSampleId :



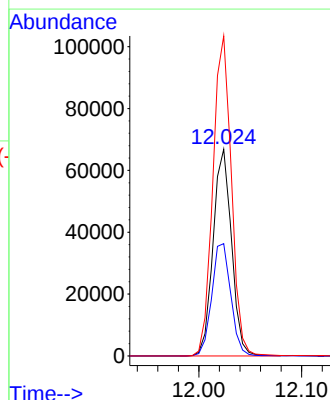
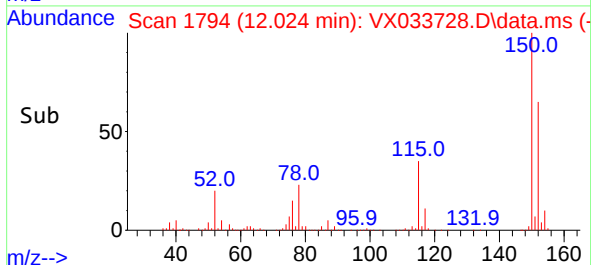
Tgt Ion:117 Resp: 217607
Ion Ratio Lower Upper
117 100
82 52.5 40.6 60.8
119 32.0 25.6 38.4

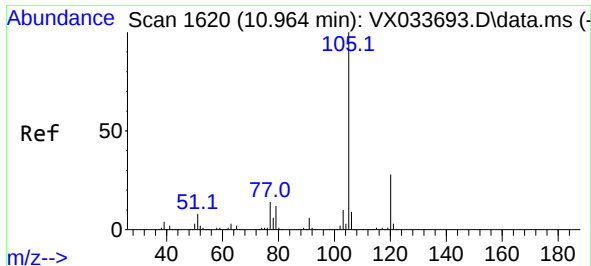


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28



Tgt Ion:152 Resp: 83133
Ion Ratio Lower Upper
152 100
115 56.2 38.7 116.1
150 155.5 0.0 348.2

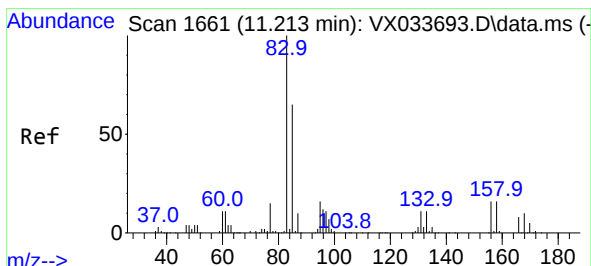
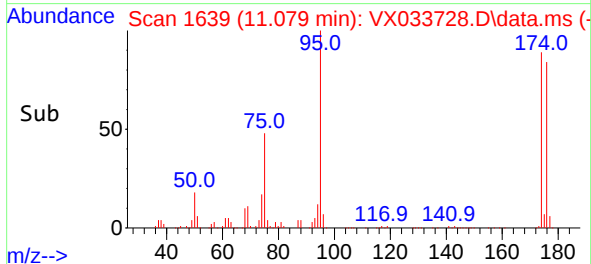
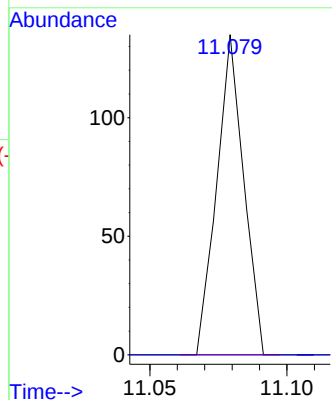
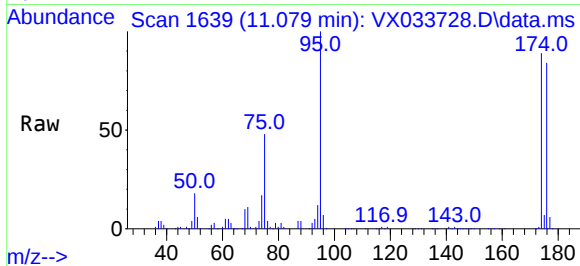




#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. 0.115 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

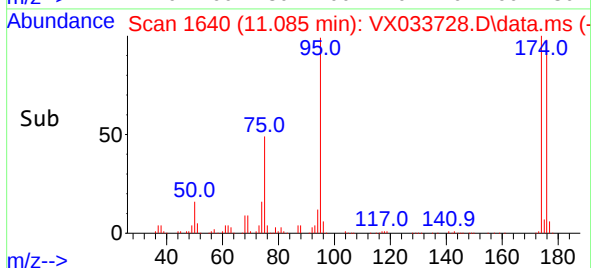
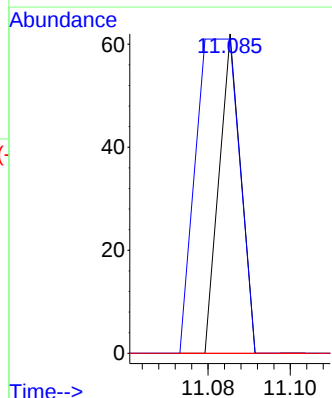
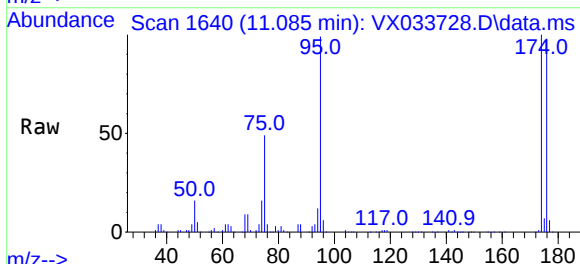
Instrument :
MSVOA_X
ClientSampleId :

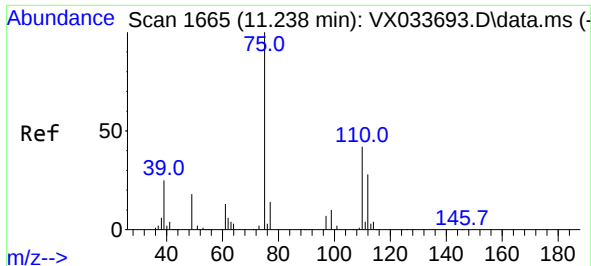
Tgt Ion:105 Resp: 92
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. -0.128 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Tgt Ion: 83 Resp: 23
Ion Ratio Lower Upper
83 100
131 195.7 5.5 16.7#
85 0.0 32.3 96.9#

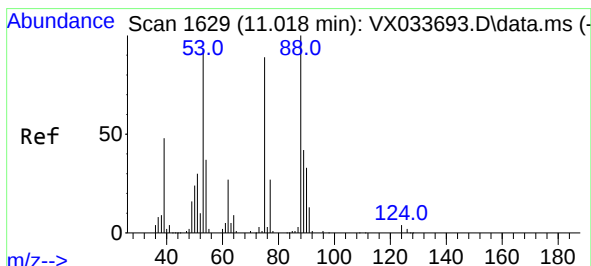
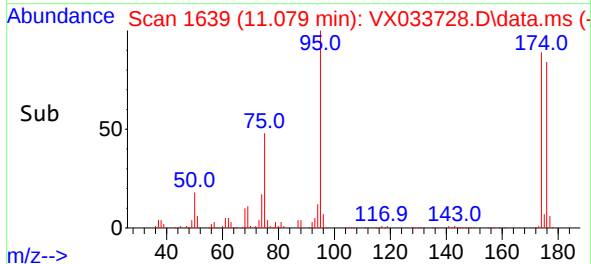
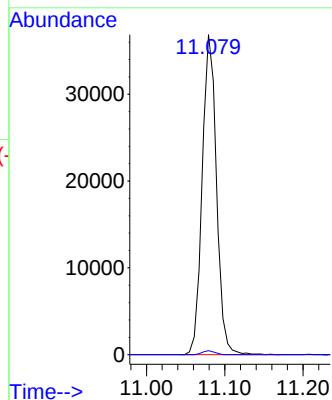
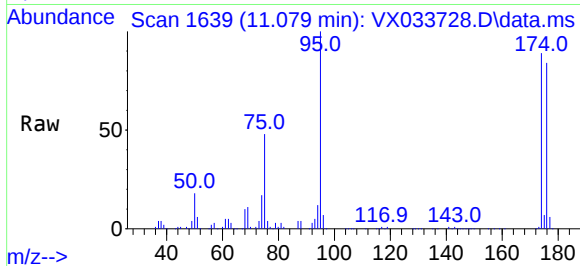




#76
1,2,3-Trichloropropane
Concen: 30.602 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 46743
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033728.D
Acq: 13 Jan 2023 17:28

Tgt Ion: 75 Resp: 46743
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

