

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033730.D
 Acq On : 13 Jan 2023 18:15
 Operator : JC/MD
 Sample : 01156-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 05:38:27 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)

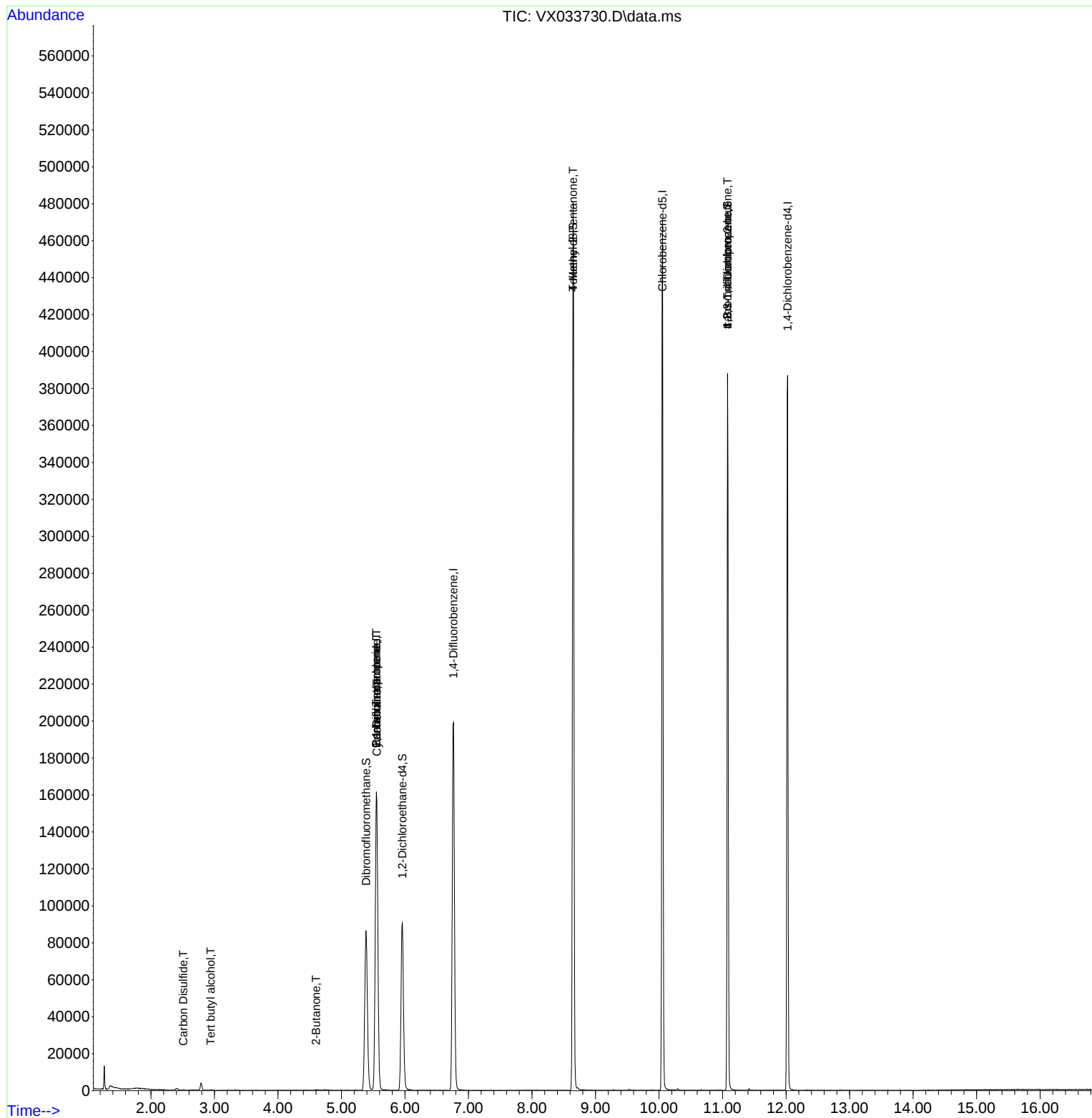
Internal Standards						
1) Pentafluorobenzene	5.550	168	169077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89652	50.360	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.720%	
35) Dibromofluoromethane	5.385	113	76188	59.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.920%	
50) Toluene-d8	8.647	98	282660	60.544	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 121.080%#	
62) 4-Bromofluorobenzene	11.079	95	98959	57.090	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	163	0.527	ug/l #	86
16) Acetone	2.404	43	1989	Below Cal	#	88
17) Carbon Disulfide	2.508	76	222	1.884	ug/l #	76
20) Methylene Chloride	2.788	84	1847	Below Cal		97
25) 2-Butanone	4.599	43	767	0.659	ug/l #	51
31) Cyclohexane	5.556	56	3063	1.169	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	11093	5.932	ug/l #	49
37) Ethyl Acetate	4.733	43	975	Below Cal	#	72
38) Carbon Tetrachloride	5.550	117	14802	7.642	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1193	0.658	ug/l #	1
73) Isopropylbenzene	11.085	105	139	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.079	83	43	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	47871	31.379	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	47871	97.524	ug/l #	8

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

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MSVOA_X
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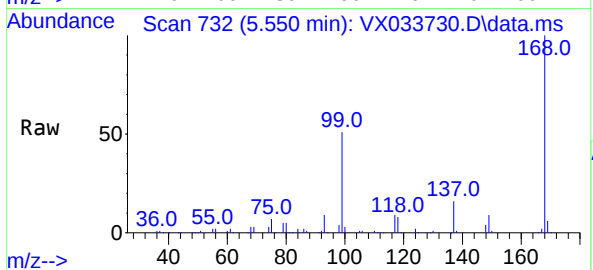
Quant Time: Jan 16 05:38:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
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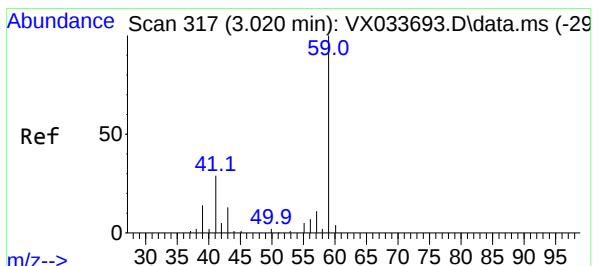
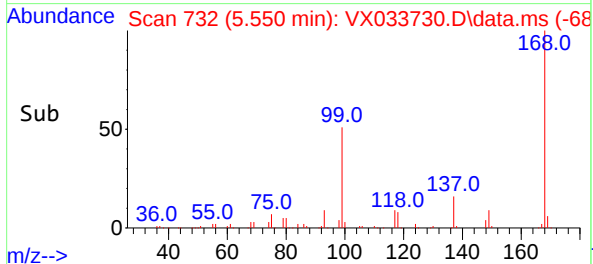
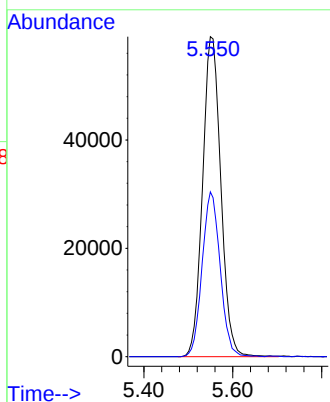


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

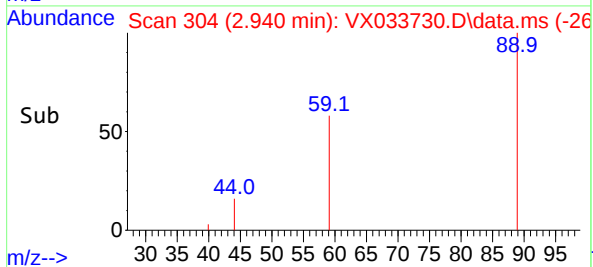
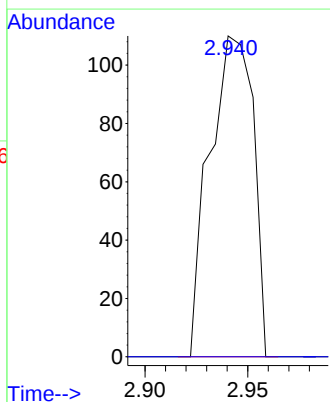
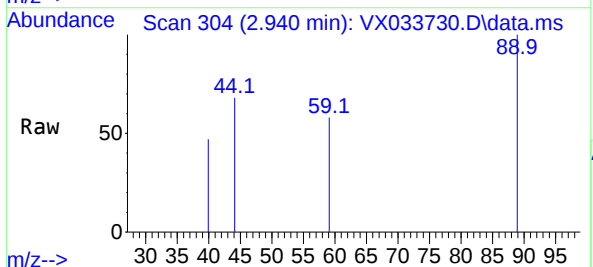


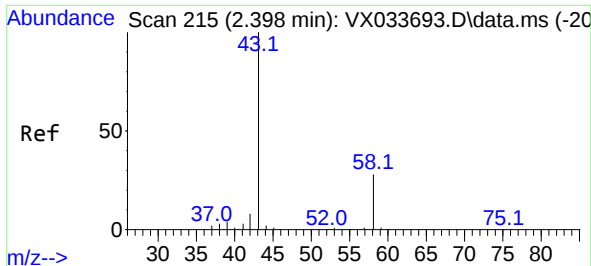
Tgt Ion:168 Resp: 169077
Ion Ratio Lower Upper
168 100
99 51.5 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.527 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

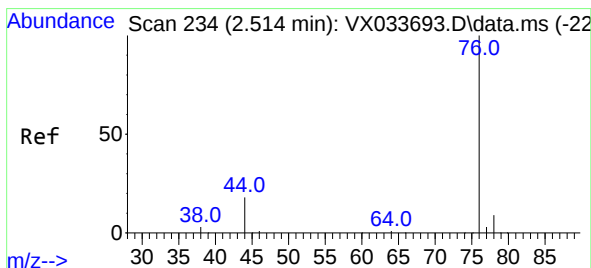
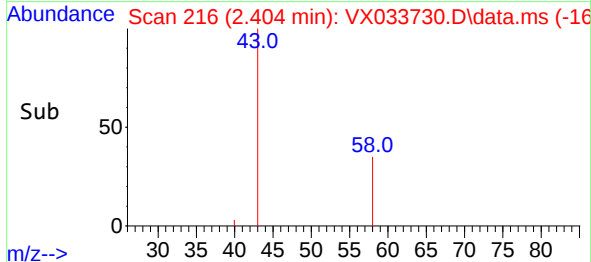
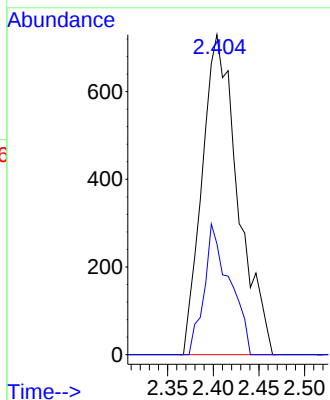
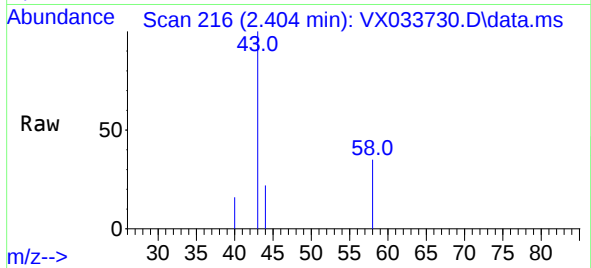




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

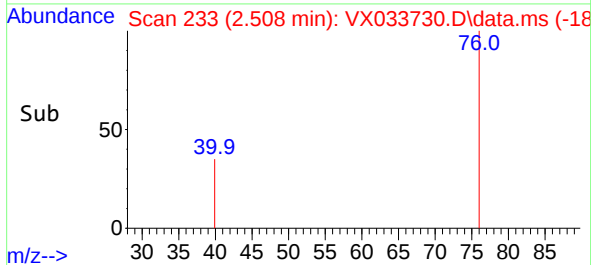
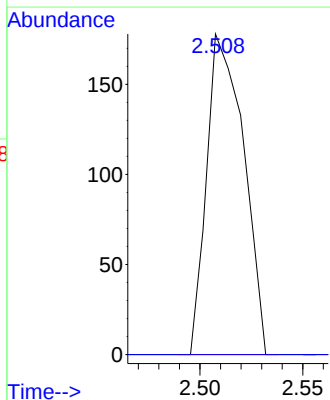
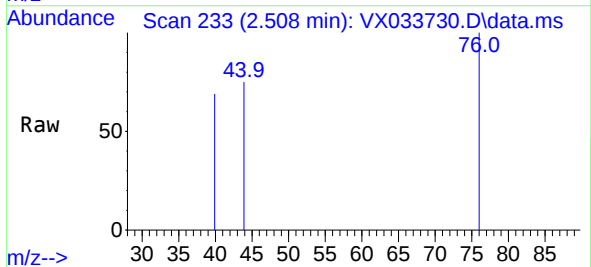
Instrument :
MSVOA_X
ClientSampleId :

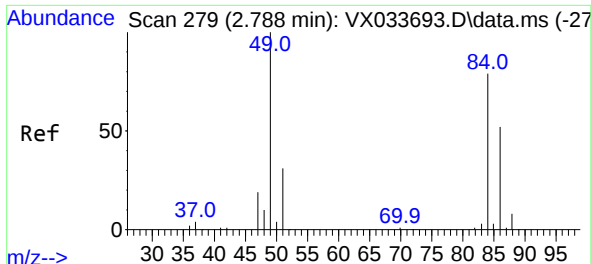
Tgt Ion: 43 Resp: 1989
Ion Ratio Lower Upper
43 100
58 34.7 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.884 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

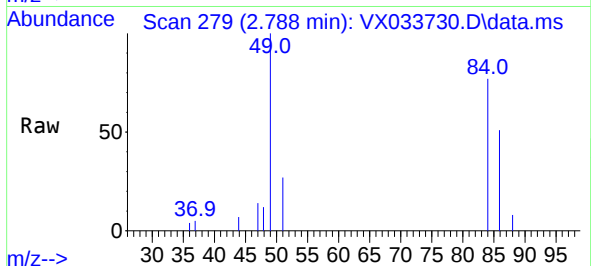
Tgt Ion: 76 Resp: 222
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



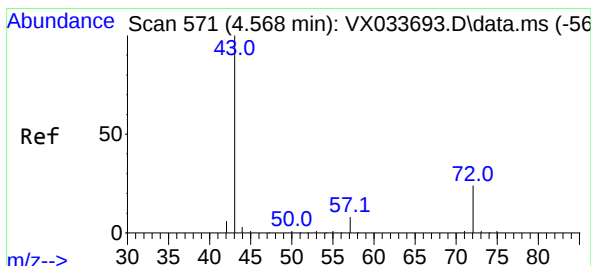
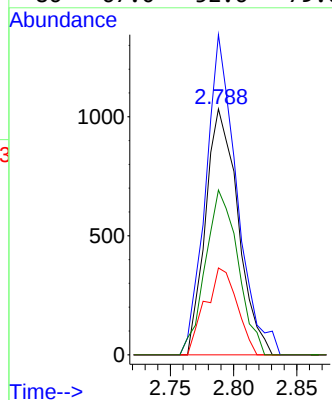


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

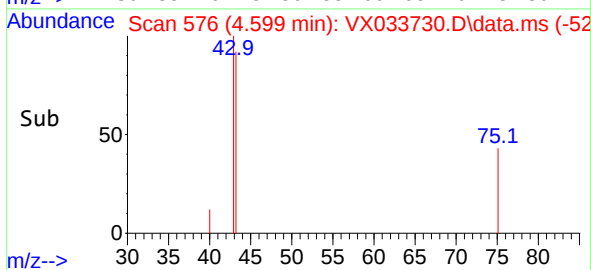
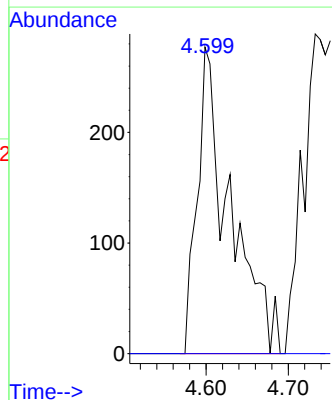
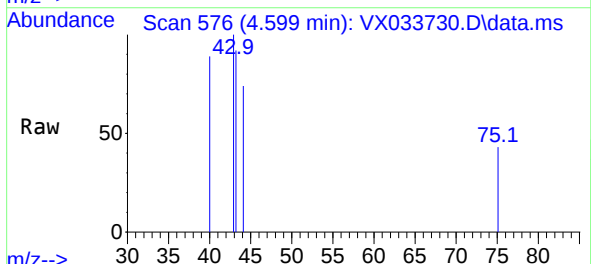


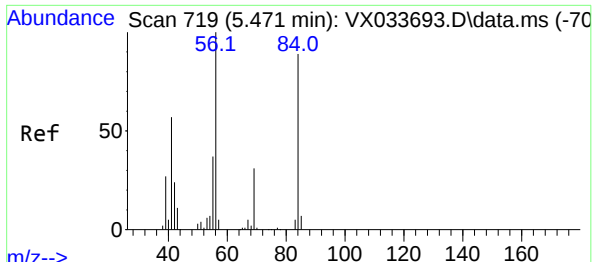
Tgt Ion:	84	Resp:	1847
Ion	Ratio	Lower	Upper
84	100		
49	130.2	101.1	151.7
51	35.3	31.0	46.6
86	67.0	52.6	79.0



#25
2-Butanone
Concen: 0.659 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.030 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

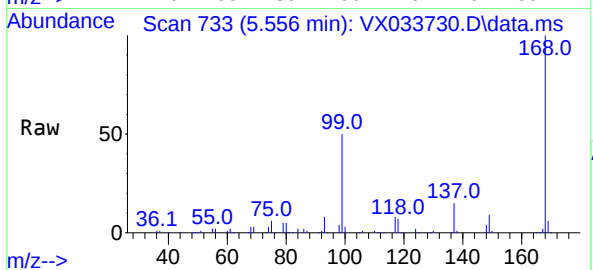
Tgt Ion:	43	Resp:	767
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



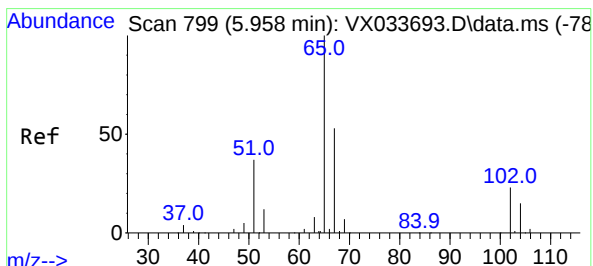
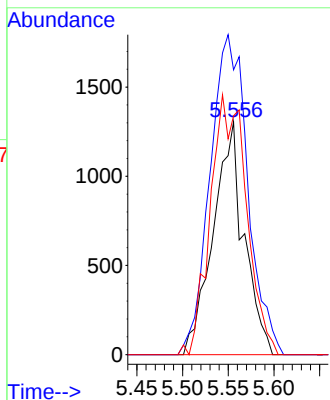
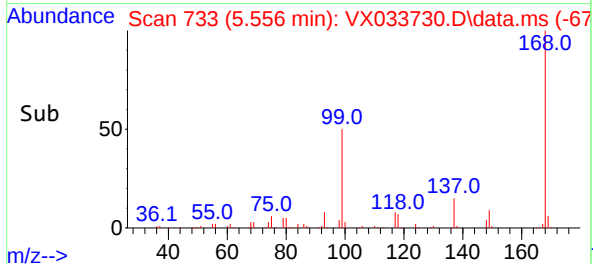


#31
Cyclohexane
Concen: 1.169 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

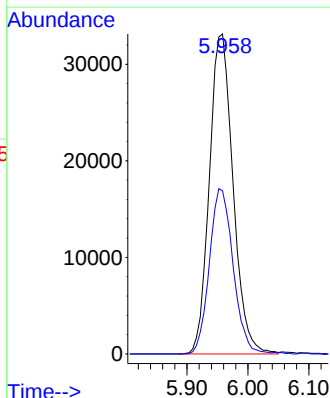
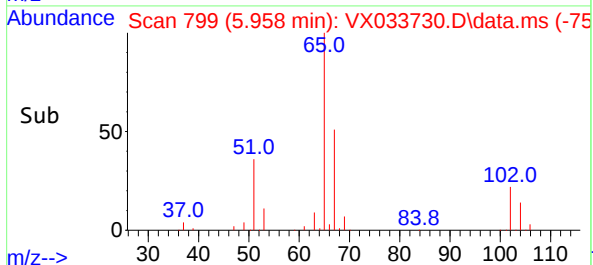
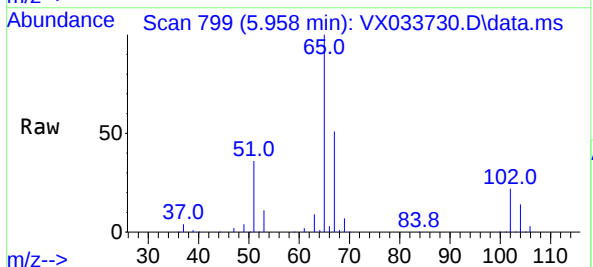


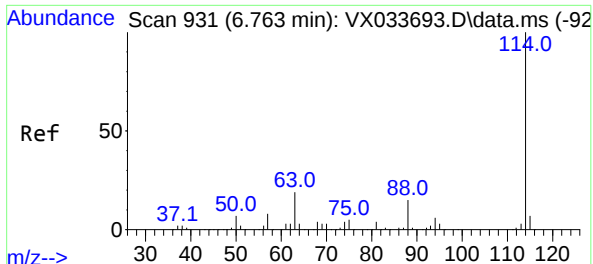
Tgt Ion: 56 Resp: 3063
Ion Ratio Lower Upper
56 100
69 122.4 24.6 37.0#
84 102.6 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 50.360 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Tgt Ion: 65 Resp: 89652
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

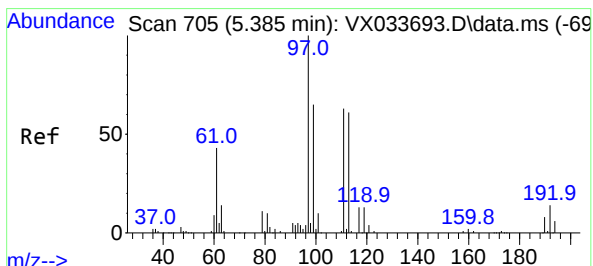
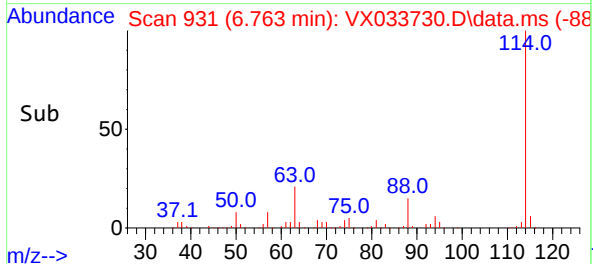
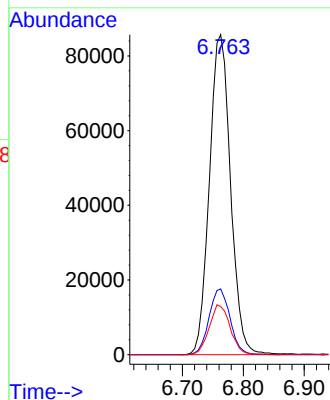
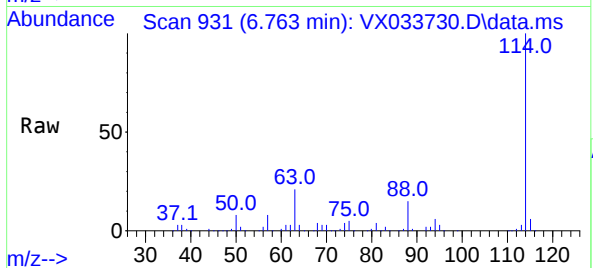




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

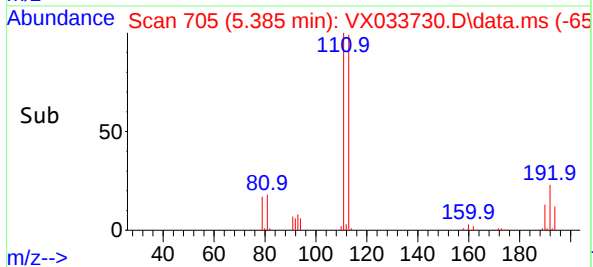
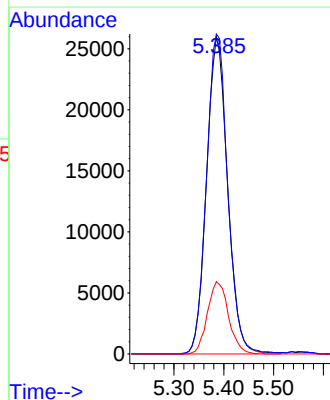
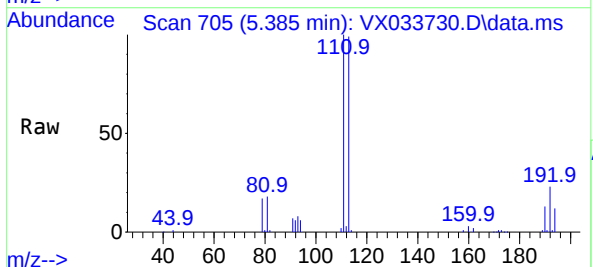
Instrument :
MSVOA_X
ClientSampleId :

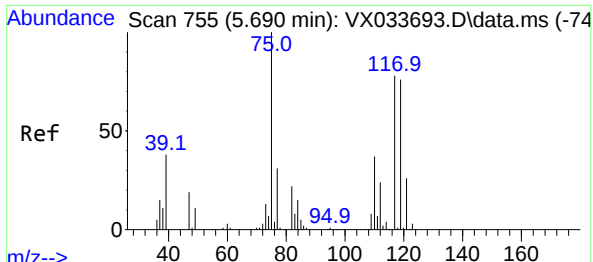
Tgt Ion:114 Resp: 206357
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 59.459 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

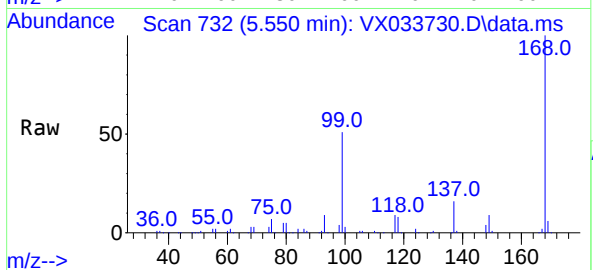
Tgt Ion:113 Resp: 76188
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 22.8 19.0 28.4



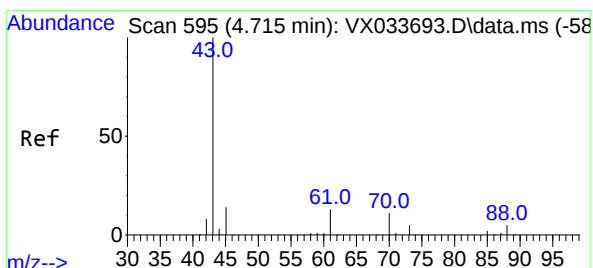
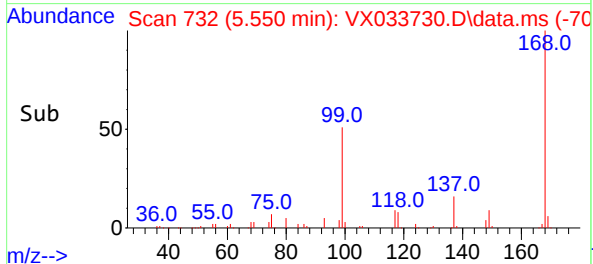
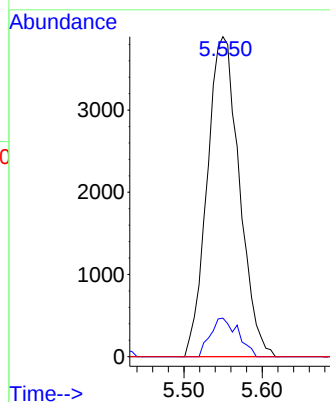


#36
1,1-Dichloropropene
Concen: 5.932 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

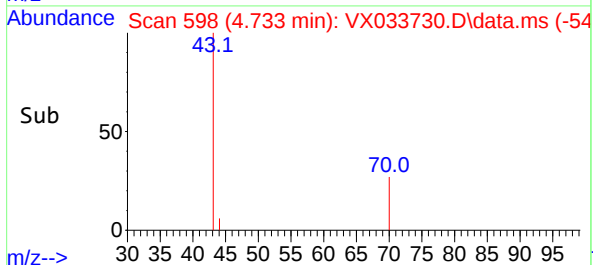
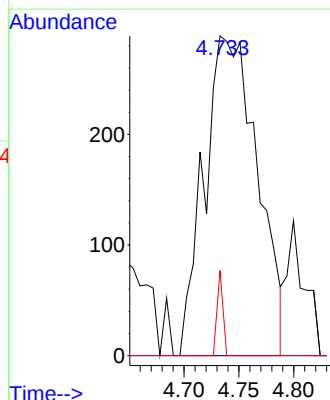
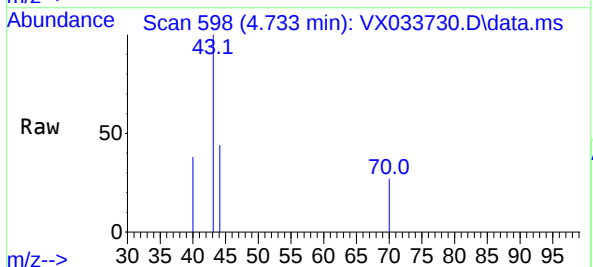


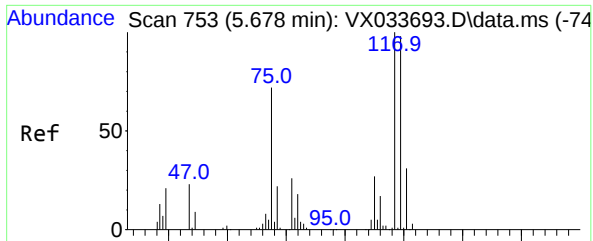
Tgt Ion: 75 Resp: 11093
Ion Ratio Lower Upper
75 100
110 10.4 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

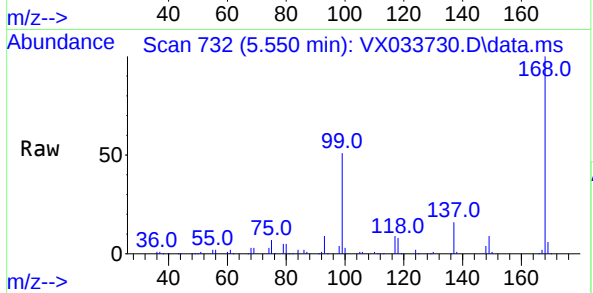
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 2.9 8.5 12.7#



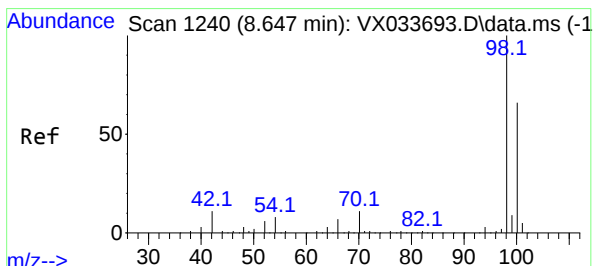
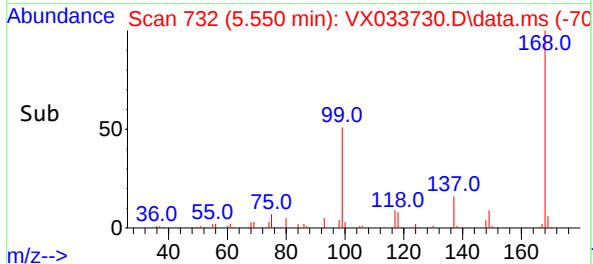
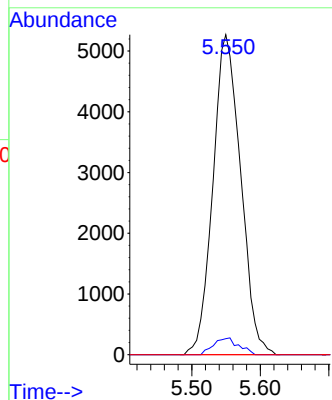


#38
Carbon Tetrachloride
Concen: 7.642 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

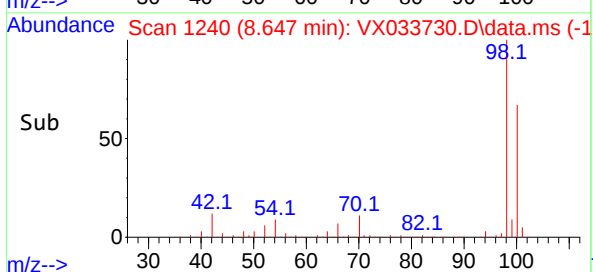
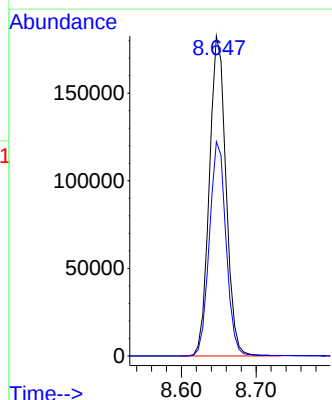
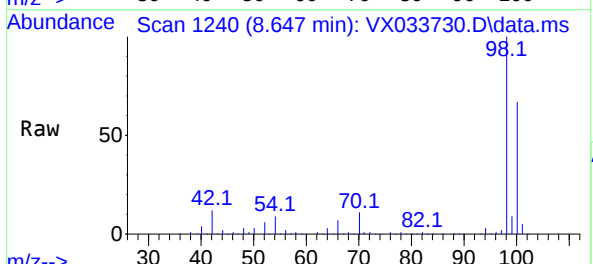


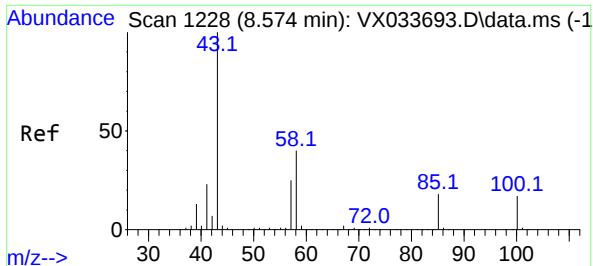
Tgt Ion:117 Resp: 14802
Ion Ratio Lower Upper
117 100
119 5.0 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 60.544 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Tgt Ion: 98 Resp: 282660
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4

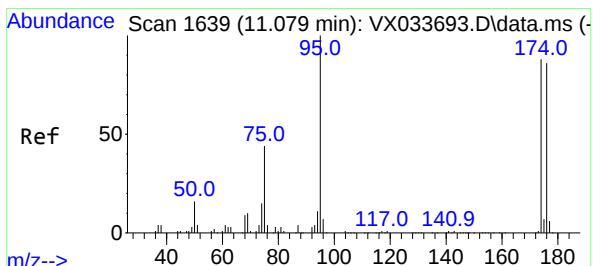
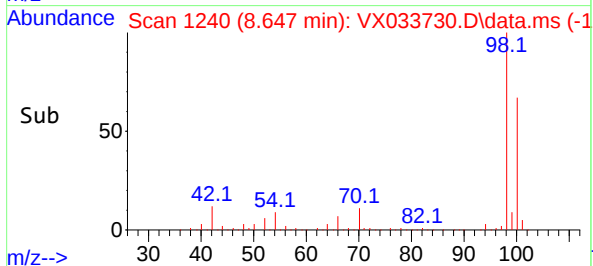
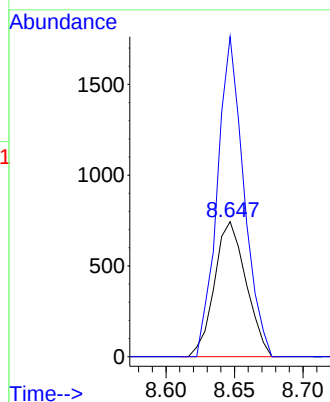
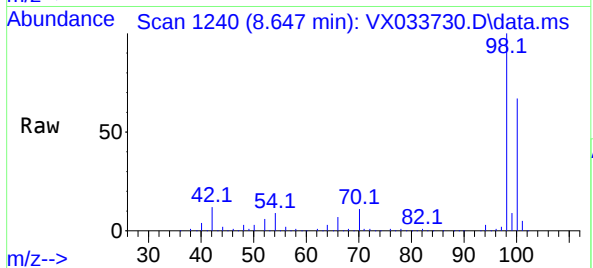




#51
4-Methyl-2-Pentanone
Concen: 0.658 ug/l
RT: 8.647 min Scan# 1193
Delta R.T. 0.073 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

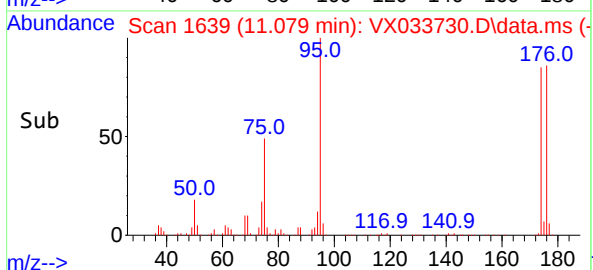
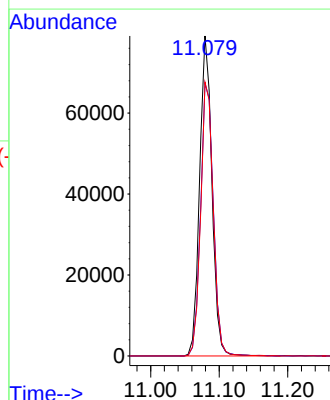
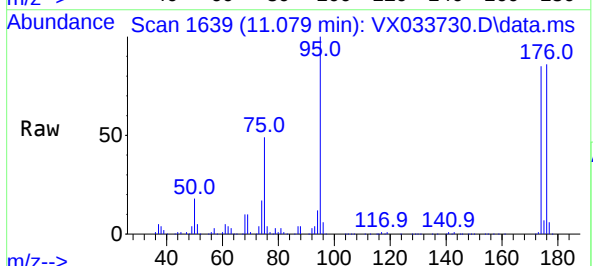
Instrument :
MSVOA_X
ClientSampleId :

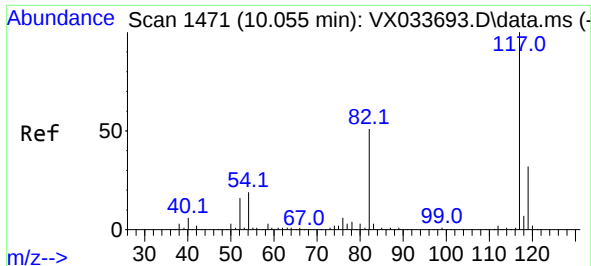
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 199.2 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 57.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

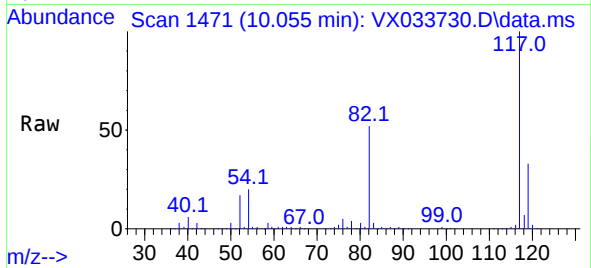
Tgt Ion: 95 Resp: 98959
Ion Ratio Lower Upper
95 100
174 88.6 0.0 184.4
176 87.6 0.0 178.8



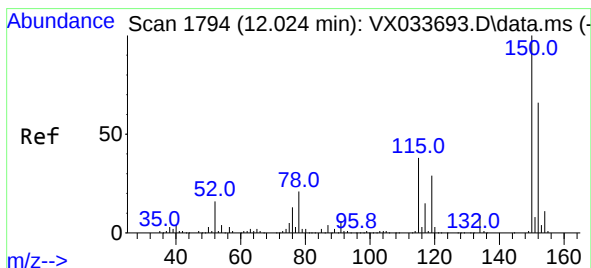
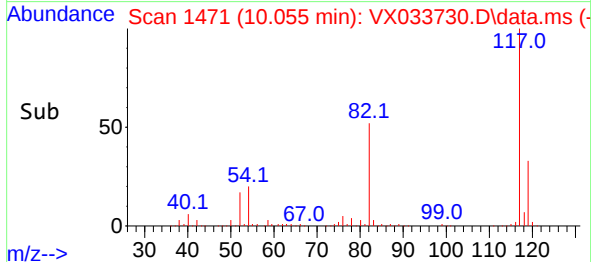
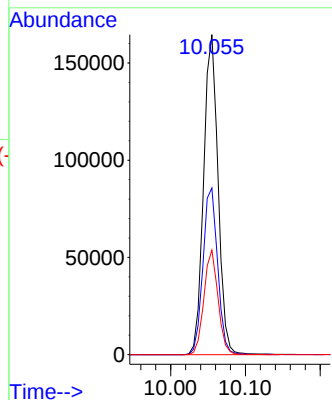


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

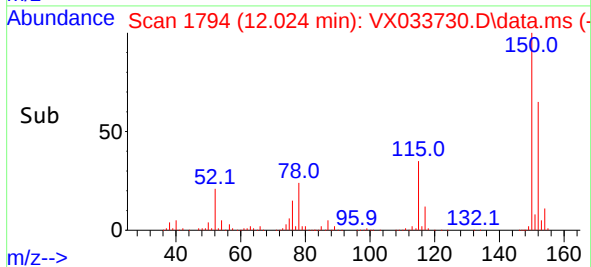
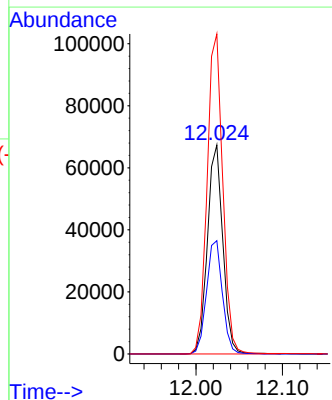
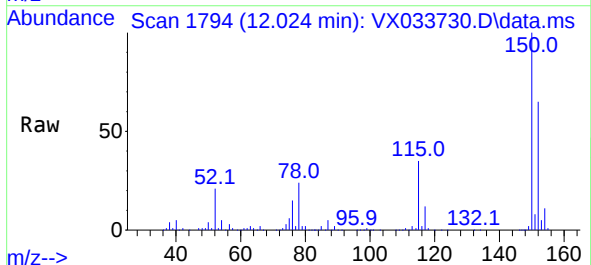


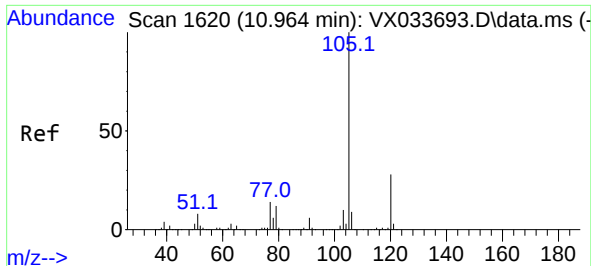
Tgt Ion:117 Resp: 220926
Ion Ratio Lower Upper
117 100
82 52.1 40.6 60.8
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Tgt Ion:152 Resp: 83030
Ion Ratio Lower Upper
152 100
115 56.1 38.7 116.1
150 155.5 0.0 348.2

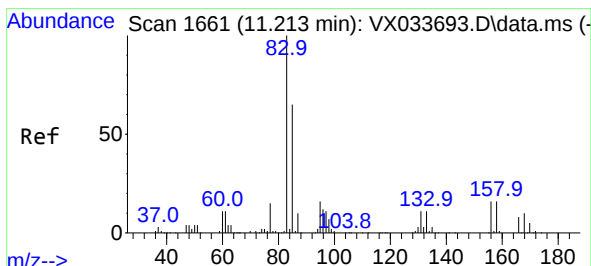
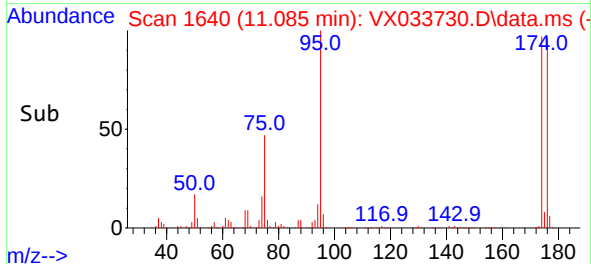
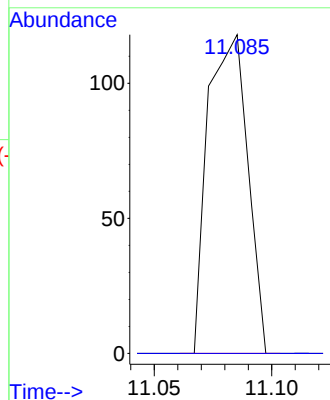
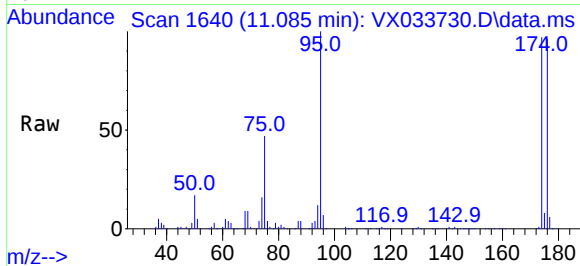




#73
Isopropylbenzene
Concen: Below Cal
RT: 11.085 min Scan# 1639
Delta R.T. 0.121 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

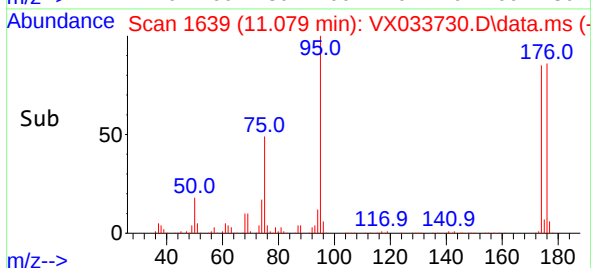
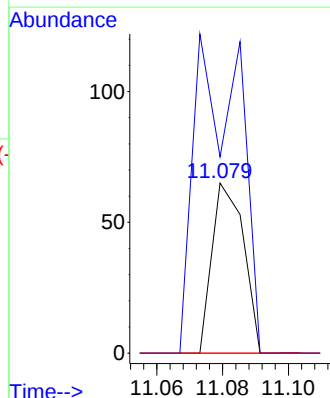
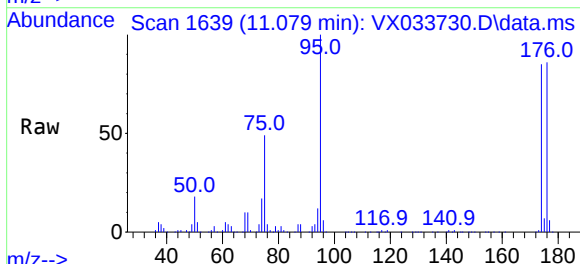
Instrument :
MSVOA_X
ClientSampleId :

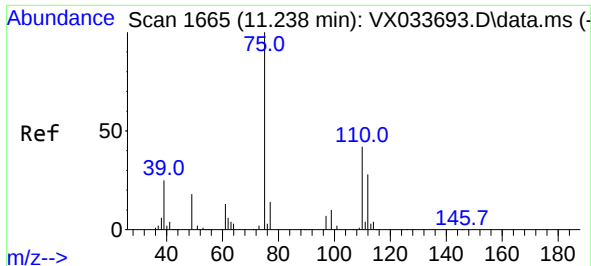
Tgt Ion:105 Resp: 139
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Tgt Ion: 83 Resp: 43
Ion Ratio Lower Upper
83 100
131 269.8 5.5 16.7#
85 0.0 32.3 96.9#

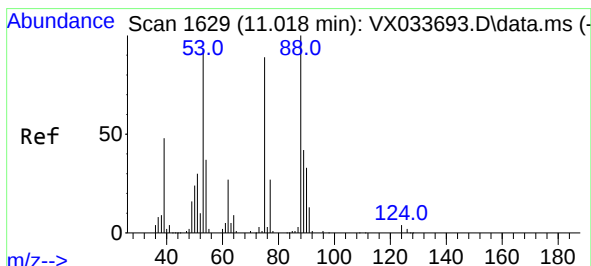
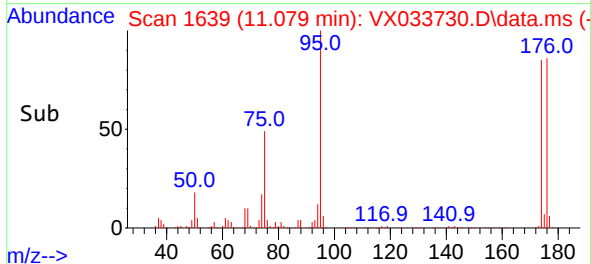
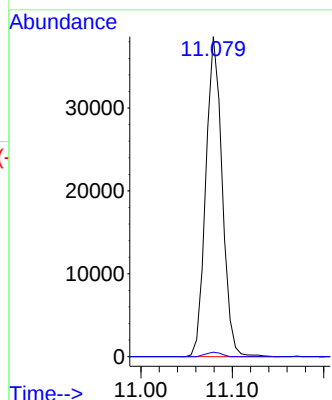
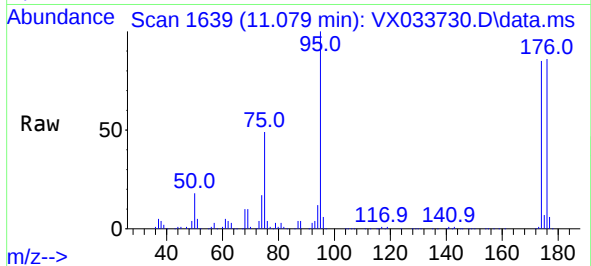




#76
1,2,3-Trichloropropane
Concen: 31.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47871
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.524 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033730.D
Acq: 13 Jan 2023 18:15

Tgt Ion: 75 Resp: 47871
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

