

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011123\
 Data File : VX033689.D
 Acq On : 11 Jan 2023 11:01
 Operator : JC/MD
 Sample : VX011123WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBL02

Quant Time: Jan 12 00:20:08 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)

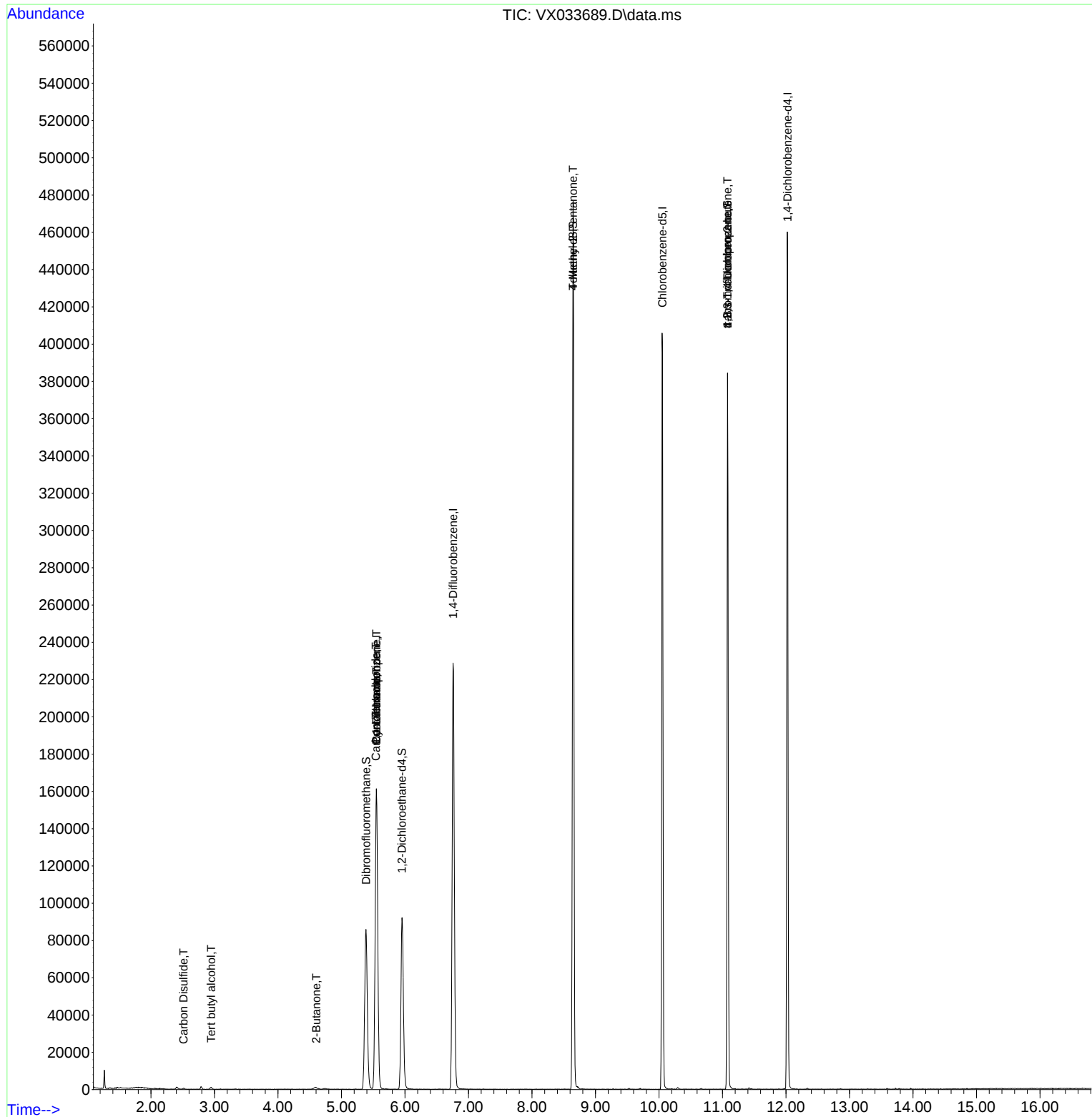
Internal Standards						
1) Pentafluorobenzene	5.550	168	166411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	241306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90416	51.603	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.200%	
35) Dibromofluoromethane	5.385	113	75890	50.648	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.300%	
50) Toluene-d8	8.647	98	281670	51.594	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	11.079	95	99638	49.156	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	619	2.034	ug/l #	86
16) Acetone	2.404	43	1663	Below Cal	#	79
17) Carbon Disulfide	2.514	76	659	2.008	ug/l #	76
20) Methylene Chloride	2.788	84	706	Below Cal	#	91
25) 2-Butanone	4.605	43	831	0.726	ug/l #	51
31) Cyclohexane	5.550	56	2975	1.154	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11144	5.096	ug/l #	48
37) Ethyl Acetate	4.745	43	1159	Below Cal	#	68
38) Carbon Tetrachloride	5.544	117	15168	6.697	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1129	0.532	ug/l #	1
64) Tetrachloroethene	9.275	164	32	Below Cal	#	38
73) Isopropylbenzene	10.957	105	67	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	48789	25.798	ug/l #	34
77) Bromobenzene	11.195	156	41	Below Cal	#	15
79) 2-Chlorotoluene	11.366	91	118	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48789	80.178	ug/l #	8
82) 4-Chlorotoluene	11.457	91	262	Below Cal	#	56

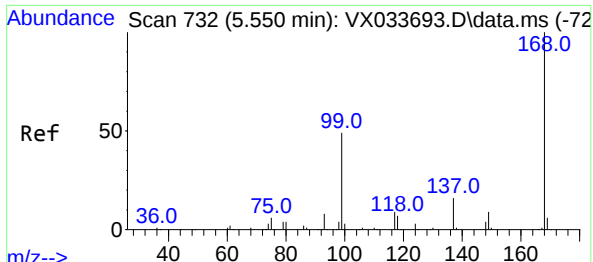
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 00:20:08 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

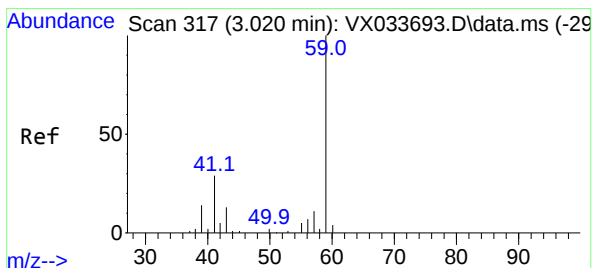
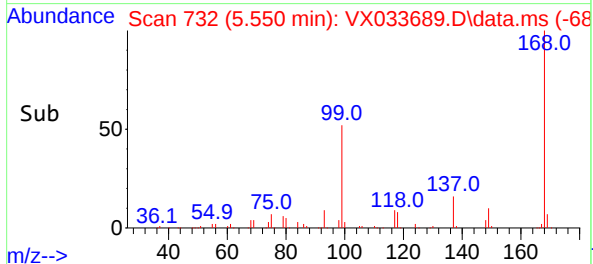
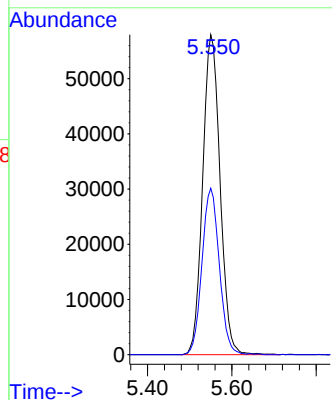
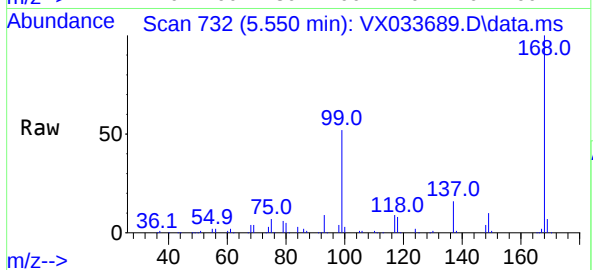




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

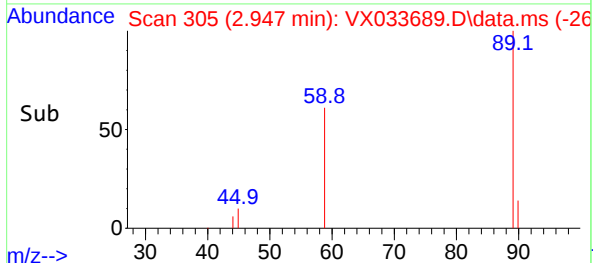
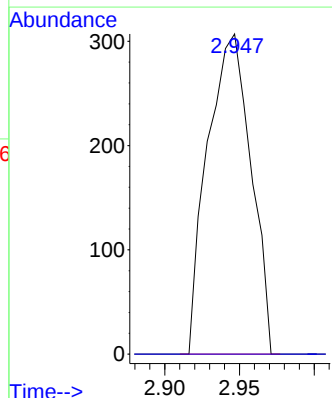
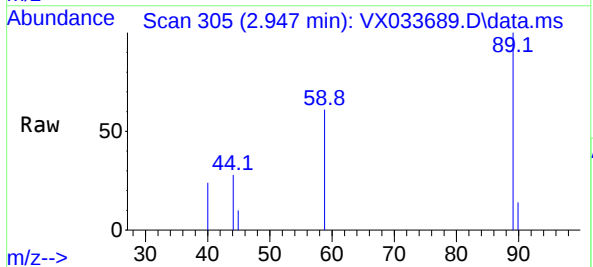
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL02

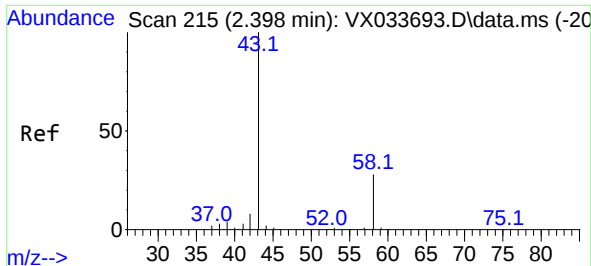
Tgt Ion:168 Resp: 166411
Ion Ratio Lower Upper
168 100
99 52.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 2.034 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

Tgt Ion: 59 Resp: 619
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

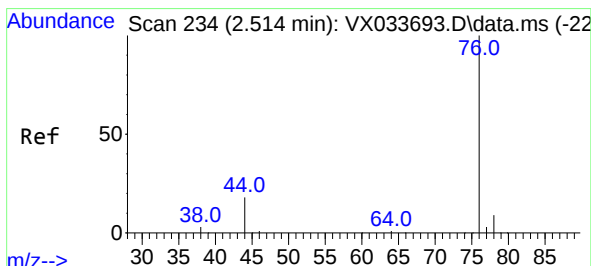
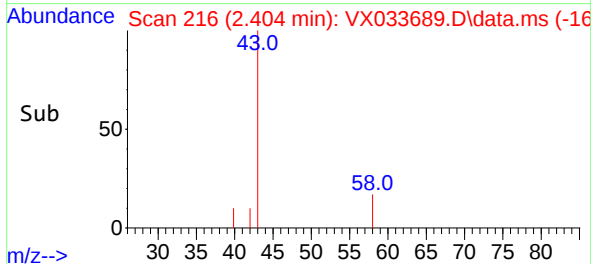
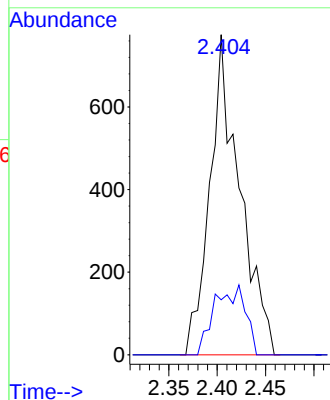
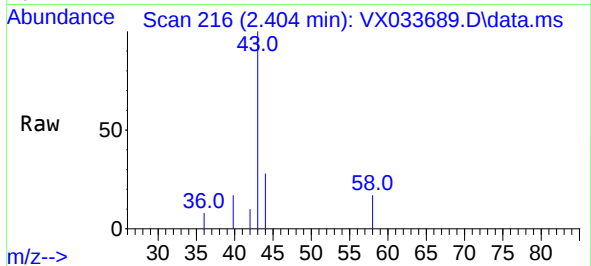




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

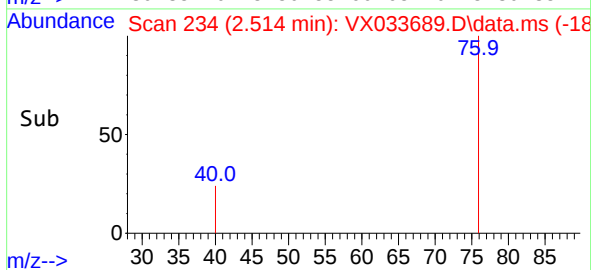
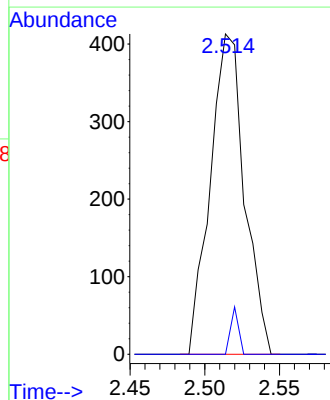
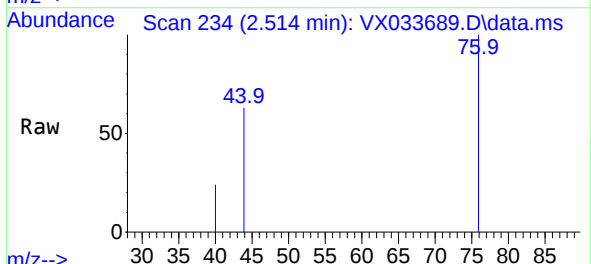
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL02

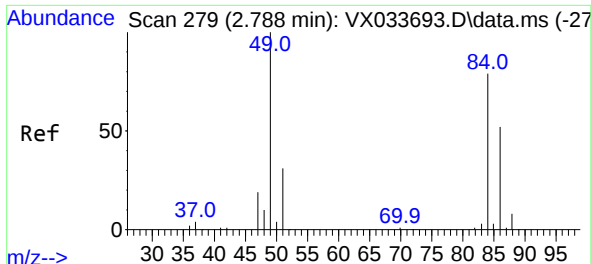
Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
58 17.2 22.6 33.8#



#17
Carbon Disulfide
Concen: 2.008 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

Tgt Ion: 76 Resp: 659
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

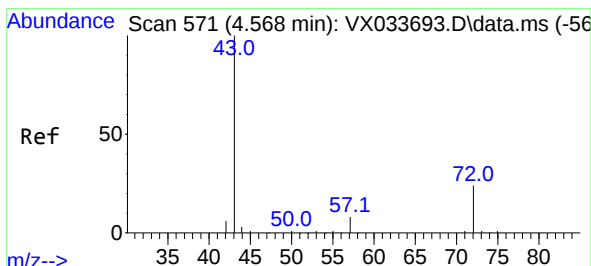
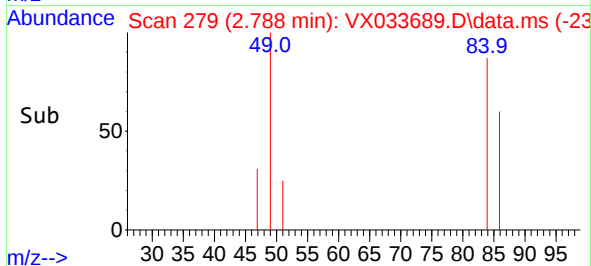
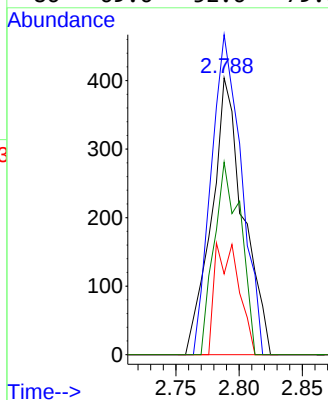
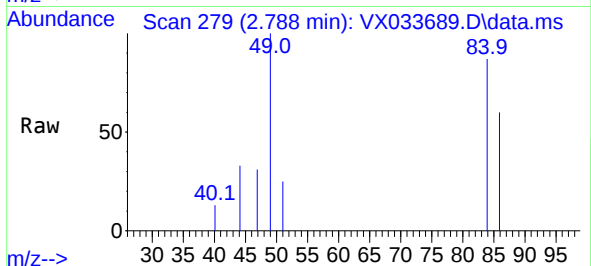




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

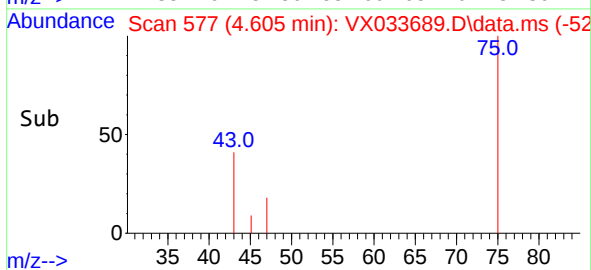
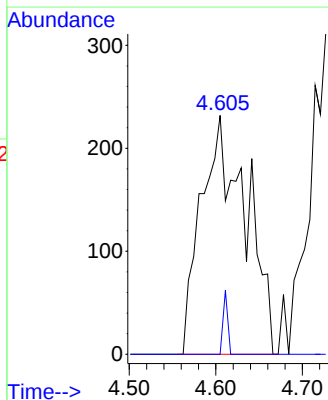
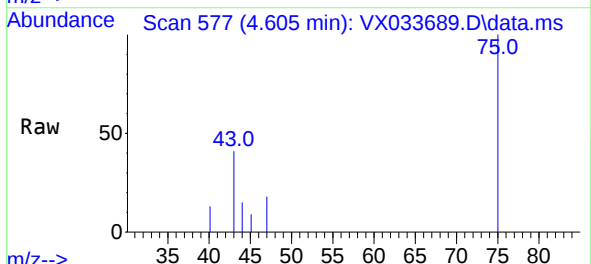
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL02

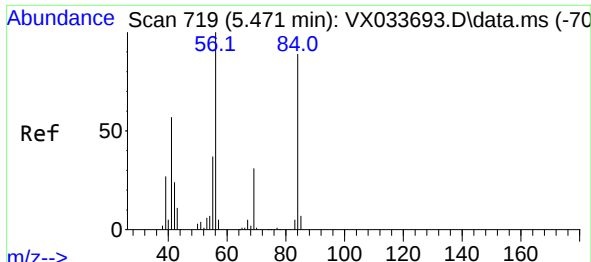
Tgt Ion:	84	Resp:	706
Ion	Ratio	Lower	Upper
84	100		
49	115.6	101.1	151.7
51	29.2	31.0	46.6#
86	69.6	52.6	79.0



#25
2-Butanone
Concen: 0.726 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.037 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

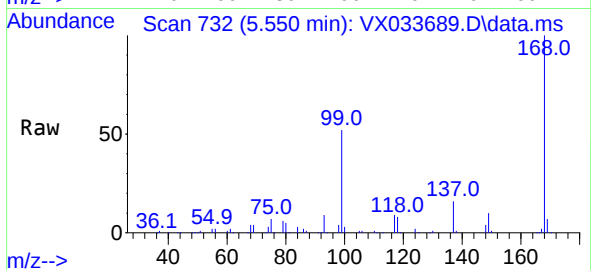
Tgt Ion:	43	Resp:	831
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



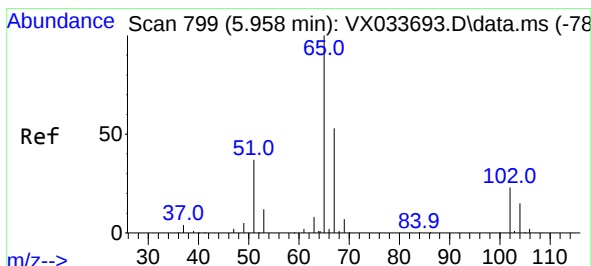
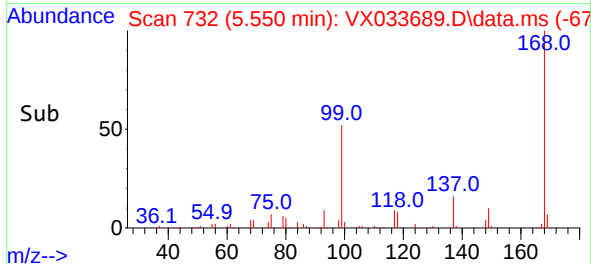
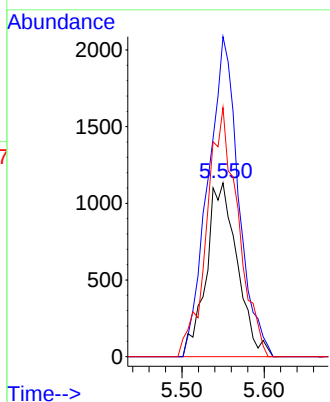


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL02

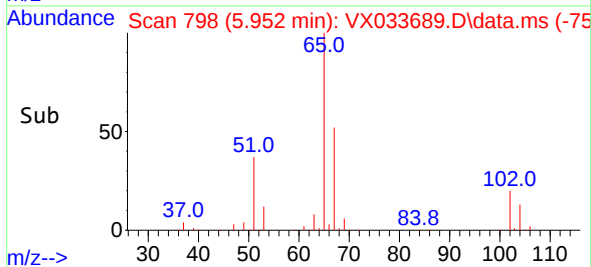
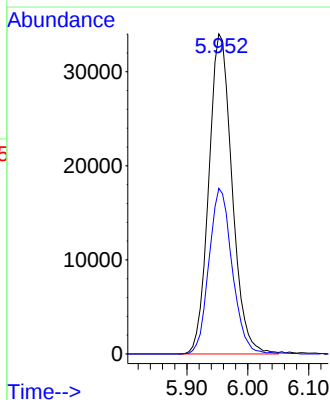
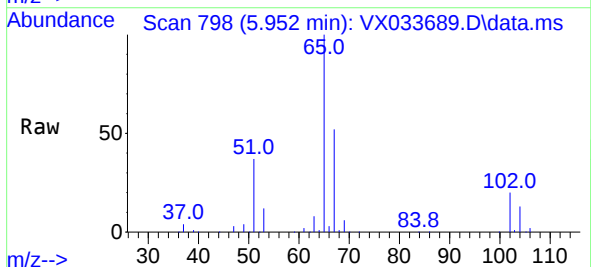


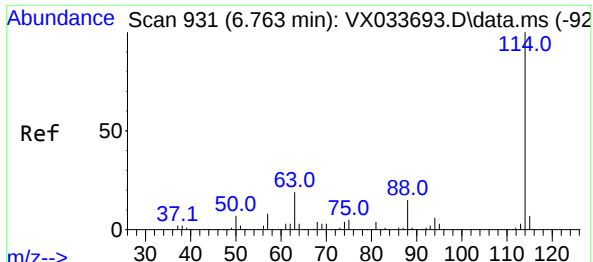
Tgt Ion: 56 Resp: 2975
Ion Ratio Lower Upper
56 100
69 184.2 24.6 37.0#
84 143.4 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 51.603 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

Tgt Ion: 65 Resp: 90416
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

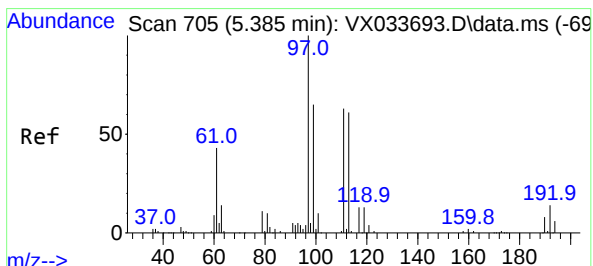
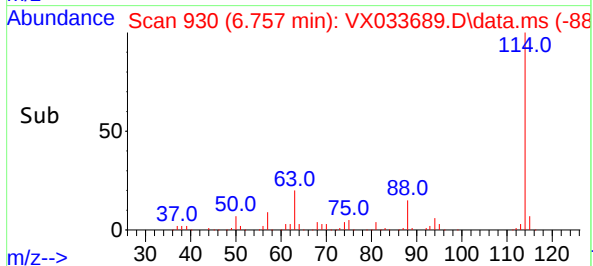
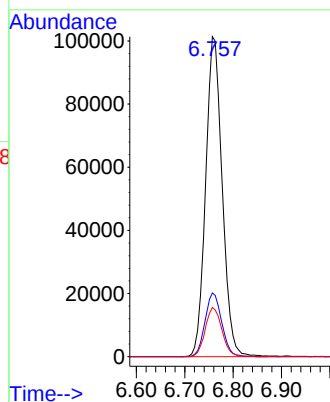
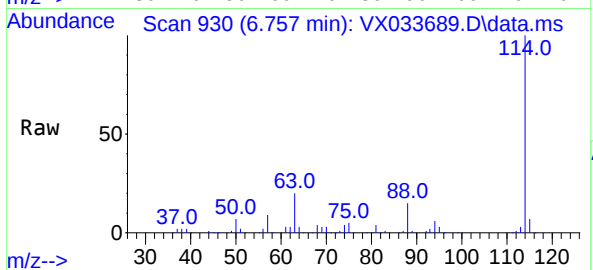




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

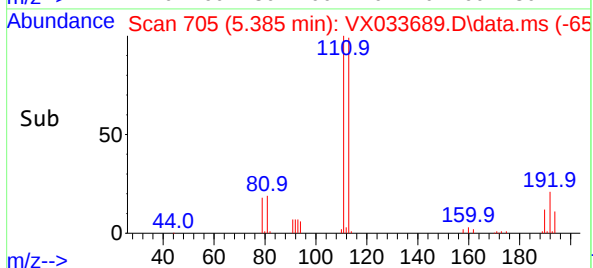
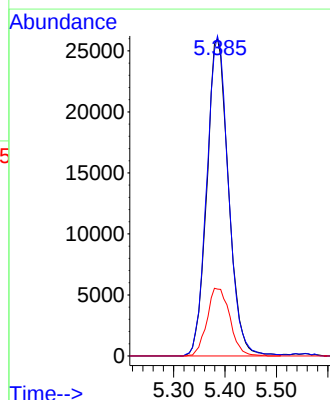
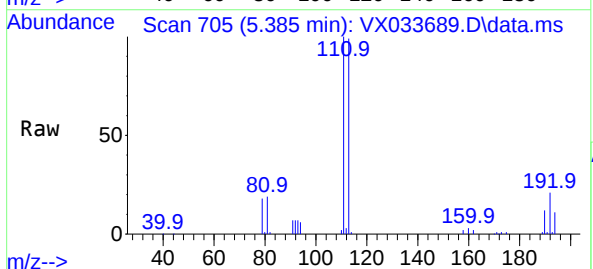
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL02

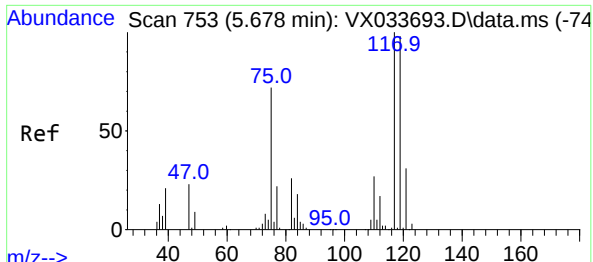
Tgt Ion:114 Resp: 241306
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.648 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

Tgt Ion:113 Resp: 75890
Ion Ratio Lower Upper
113 100
111 101.1 83.0 124.6
192 22.5 19.0 28.4

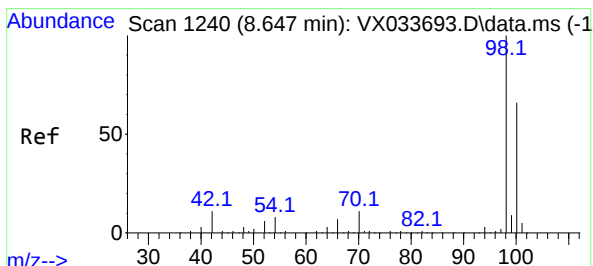
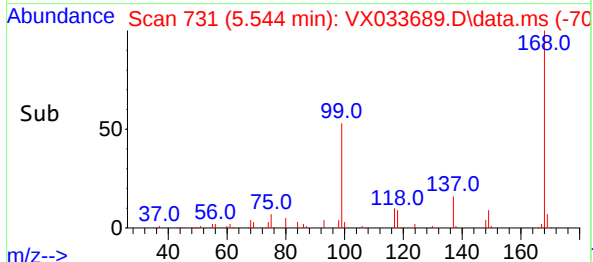
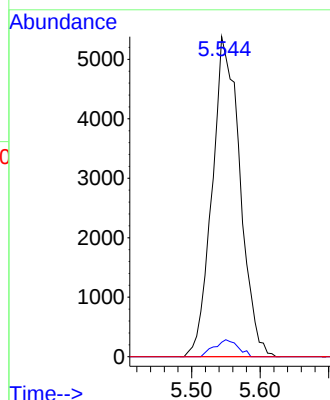
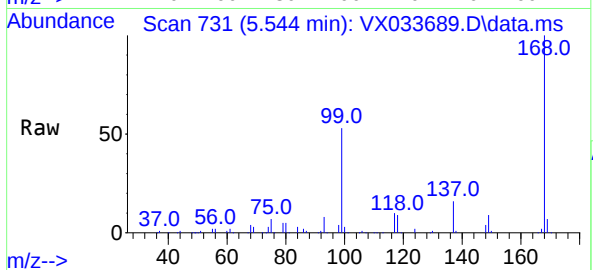




#38
Carbon Tetrachloride
Concen: 6.697 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

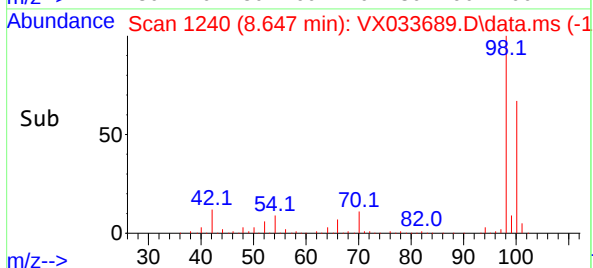
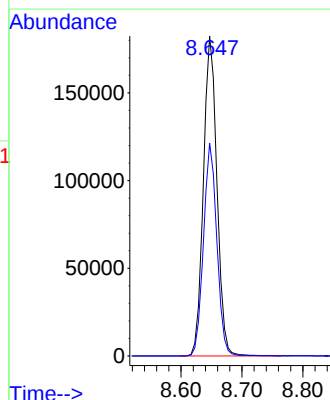
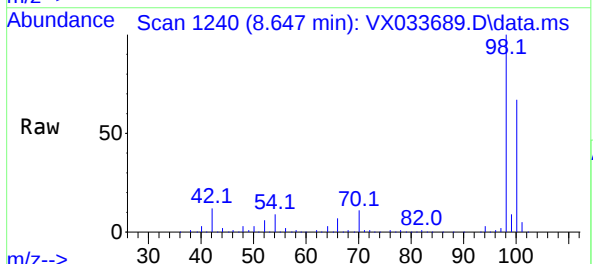
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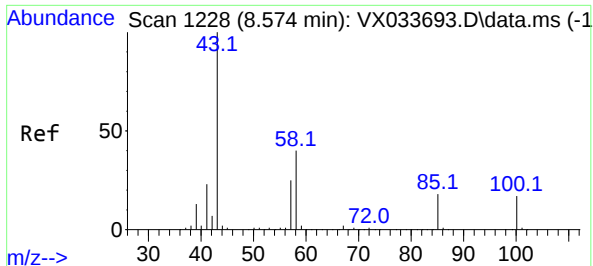
Tgt Ion:117 Resp: 15168
Ion Ratio Lower Upper
117 100
119 4.5 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.594 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

Tgt Ion: 98 Resp: 281670
Ion Ratio Lower Upper
98 100
100 65.7 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.532 ug/l

RT: 8.647 min Scan# 1129

Delta R.T. 0.073 min

Lab File: VX033689.D

Acq: 11 Jan 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

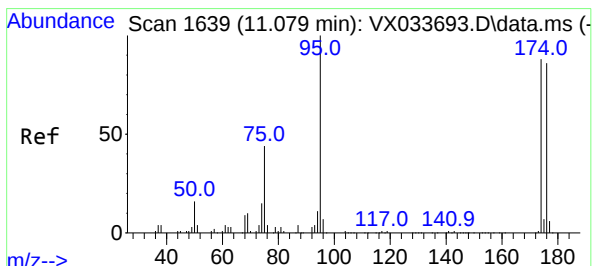
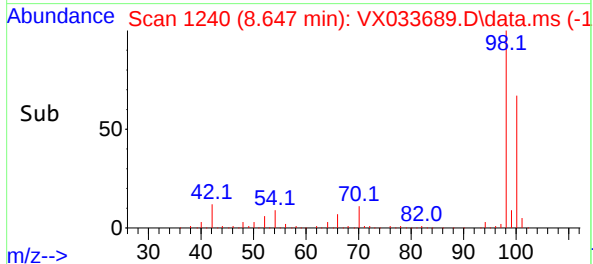
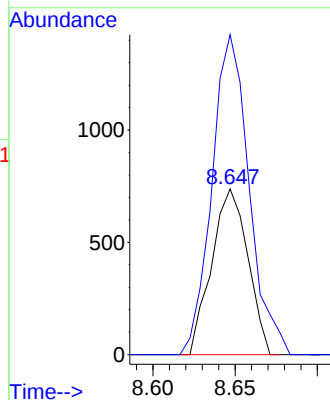
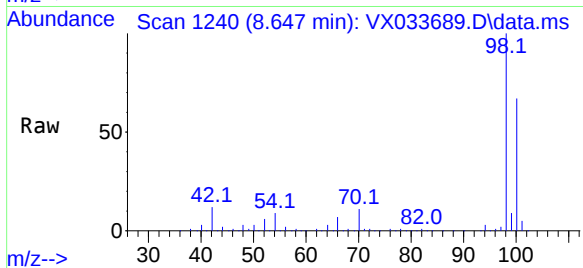
VX0111WBL02

Tgt Ion: 43 Resp: 1129

Ion Ratio Lower Upper

43 100

58 198.2 31.2 46.8#



#62

4-Bromofluorobenzene

Concen: 49.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033689.D

Acq: 11 Jan 2023 11:01

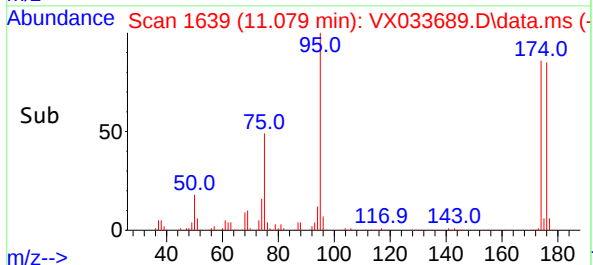
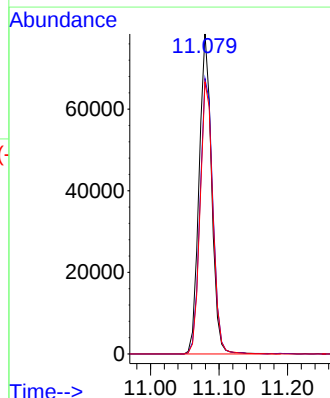
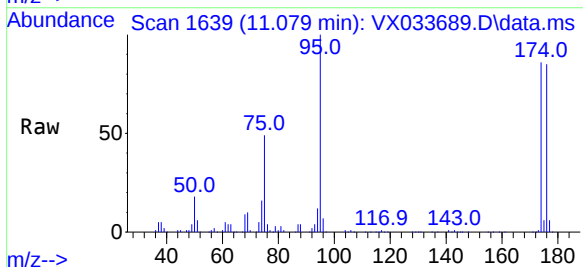
Tgt Ion: 95 Resp: 99638

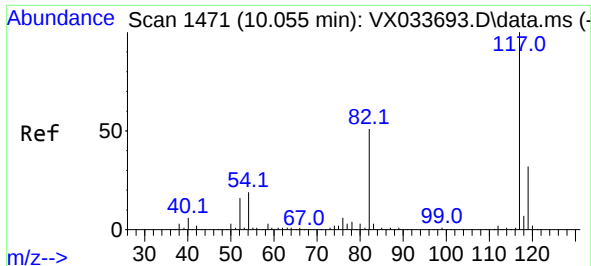
Ion Ratio Lower Upper

95 100

174 88.9 0.0 184.4

176 86.5 0.0 178.8

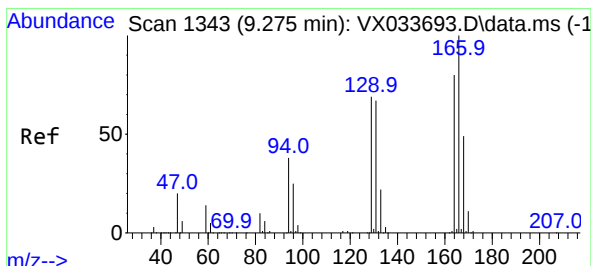
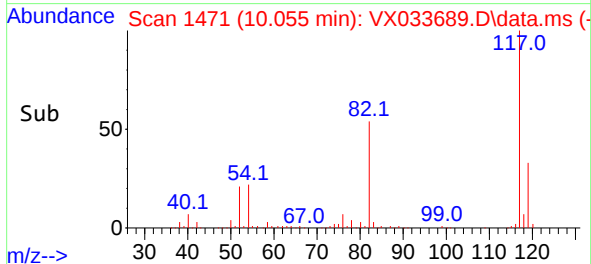
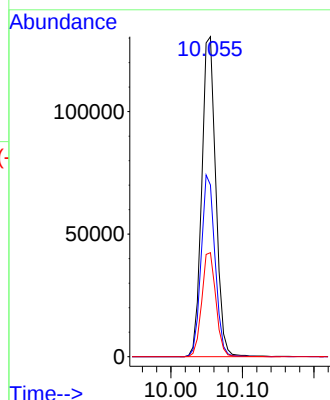
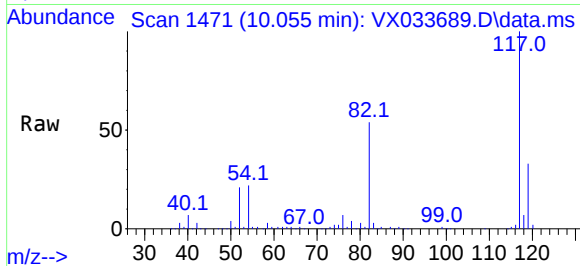




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

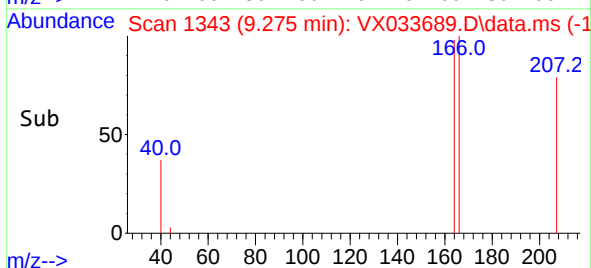
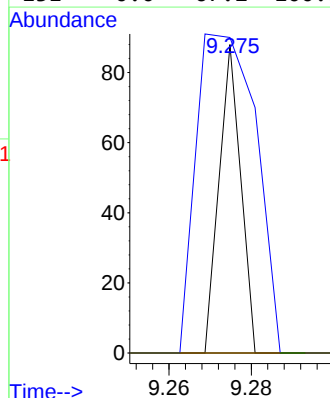
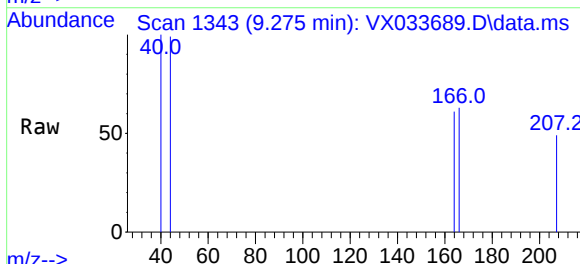
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL02

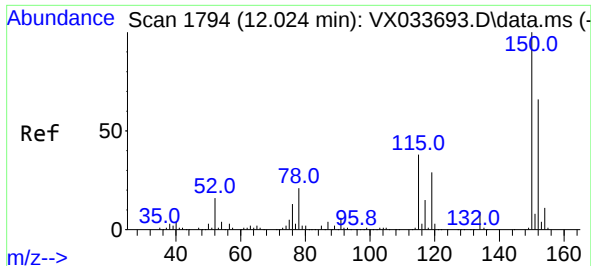
Tgt Ion:	117	Resp:	178151
Ion	Ratio	Lower	Upper
117	100		
82	53.7	40.6	60.8
119	32.5	25.6	38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

Tgt Ion:	164	Resp:	32
Ion	Ratio	Lower	Upper
164	100		
166	102.3	100.2	150.2
129	0.0	69.2	103.8#
131	0.0	67.2	100.8#

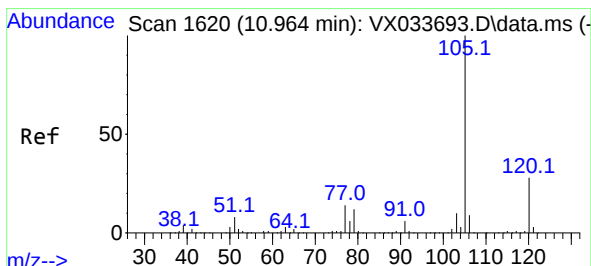
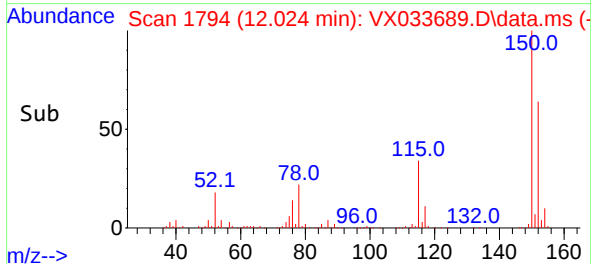
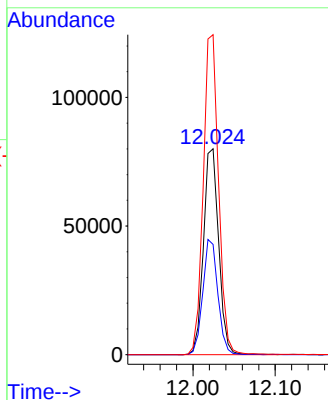
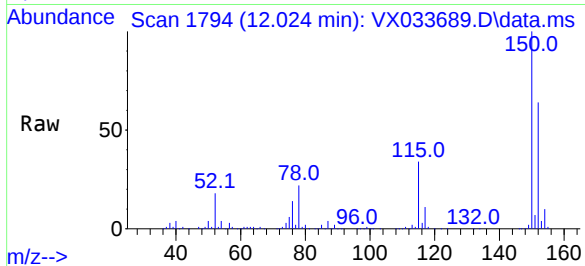




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

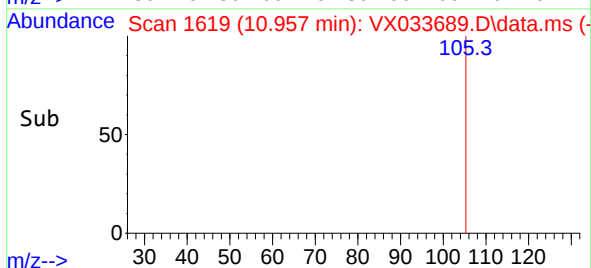
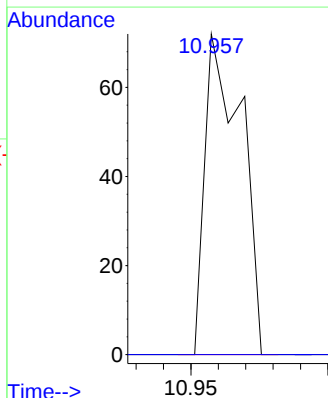
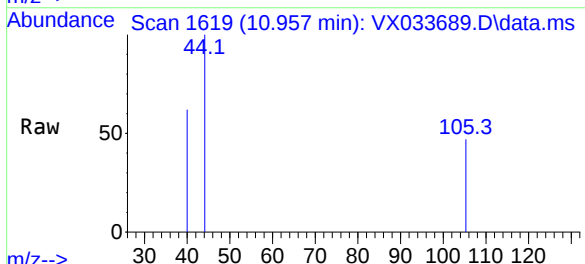
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL02

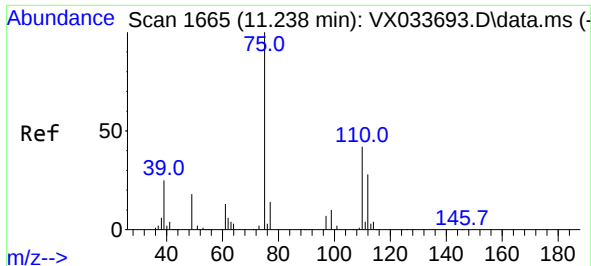
Tgt Ion:152 Resp: 102929
Ion Ratio Lower Upper
152 100
115 55.4 38.7 116.1
150 156.8 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.957 min Scan# 1619
Delta R.T. -0.007 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

Tgt Ion:105 Resp: 67
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

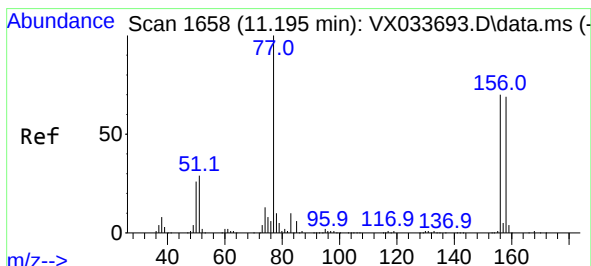
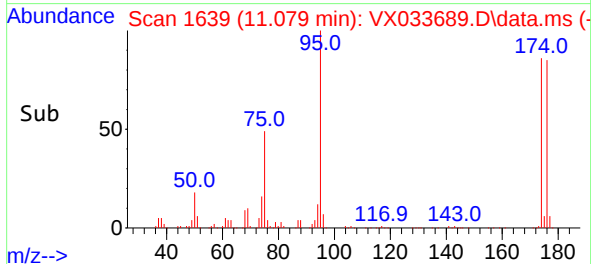
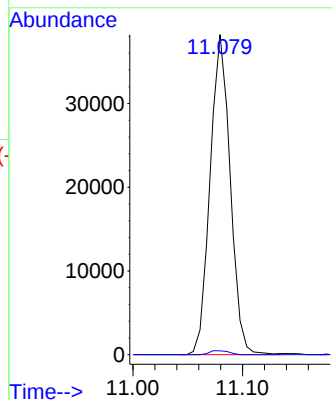
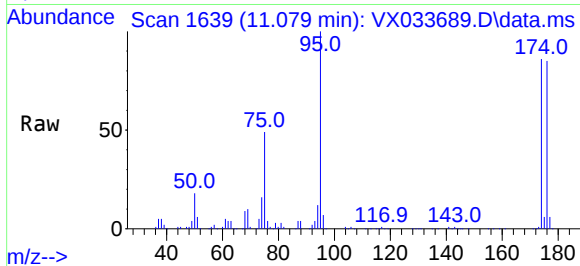




#76
1,2,3-Trichloropropane
Concen: 25.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

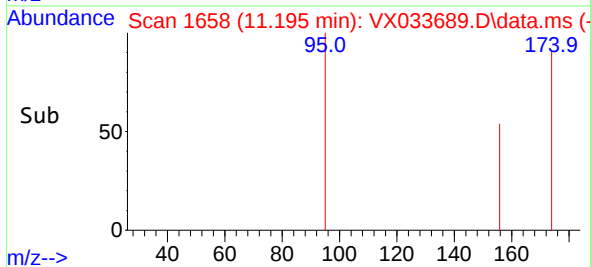
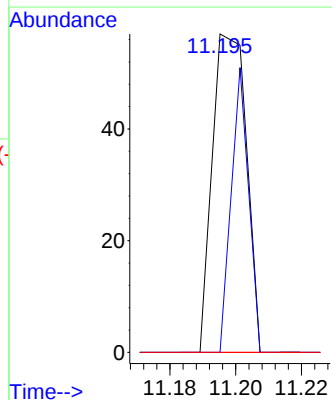
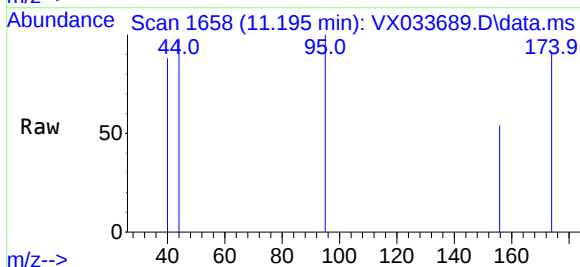
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL02

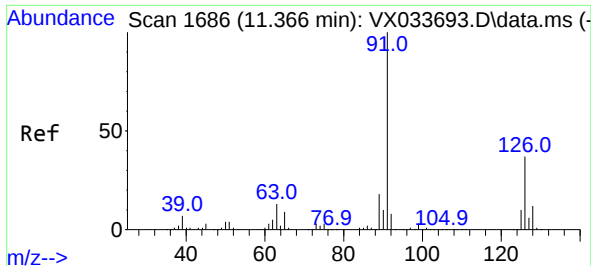
Tgt Ion: 75 Resp: 48789
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#77
Bromobenzene
Concen: Below Cal
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

Tgt Ion: 156 Resp: 41
Ion Ratio Lower Upper
156 100
77 46.3 68.1 204.3#
158 0.0 48.0 144.2#

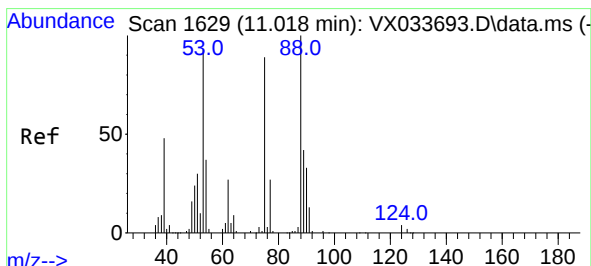
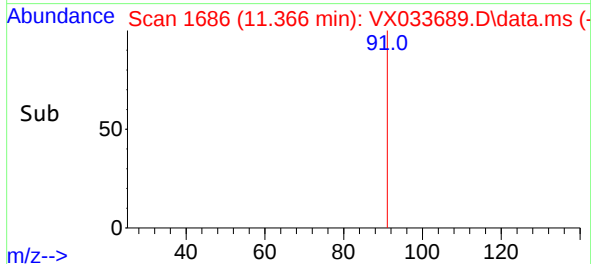
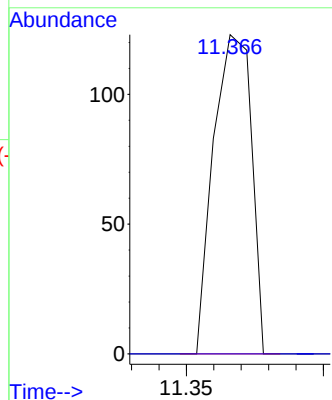
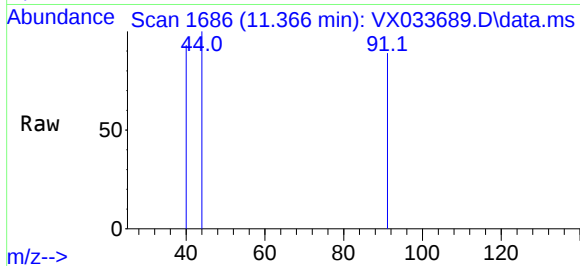




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

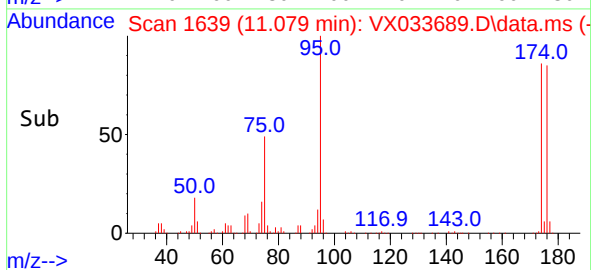
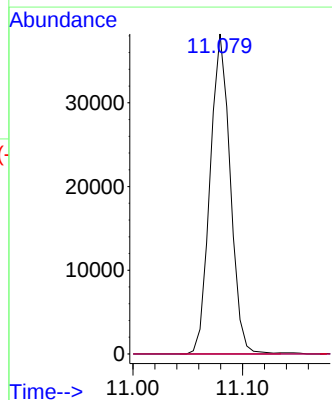
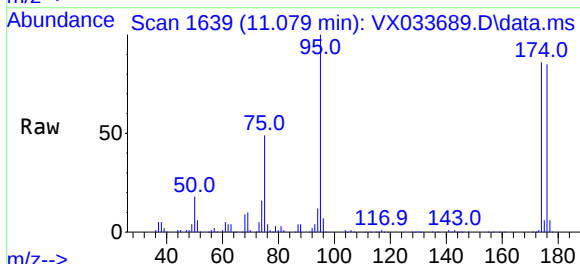
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBL02

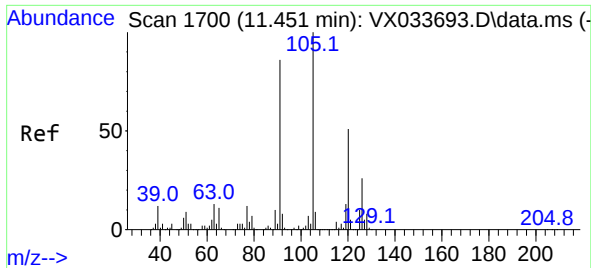
Tgt Ion: 91 Resp: 118
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033689.D
Acq: 11 Jan 2023 11:01

Tgt Ion: 75 Resp: 48789
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: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033689.D
 Acq: 11 Jan 2023 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBL02

Tgt Ion: 91 Resp: 262
 Ion Ratio Lower Upper
 91 100
 126 7.3 15.8 47.4#

