

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032892.D
 Acq On : 17 Nov 2022 12:11
 Operator : JC/MD
 Sample : N5671-09 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20221115

Quant Time: Nov 18 01:40:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

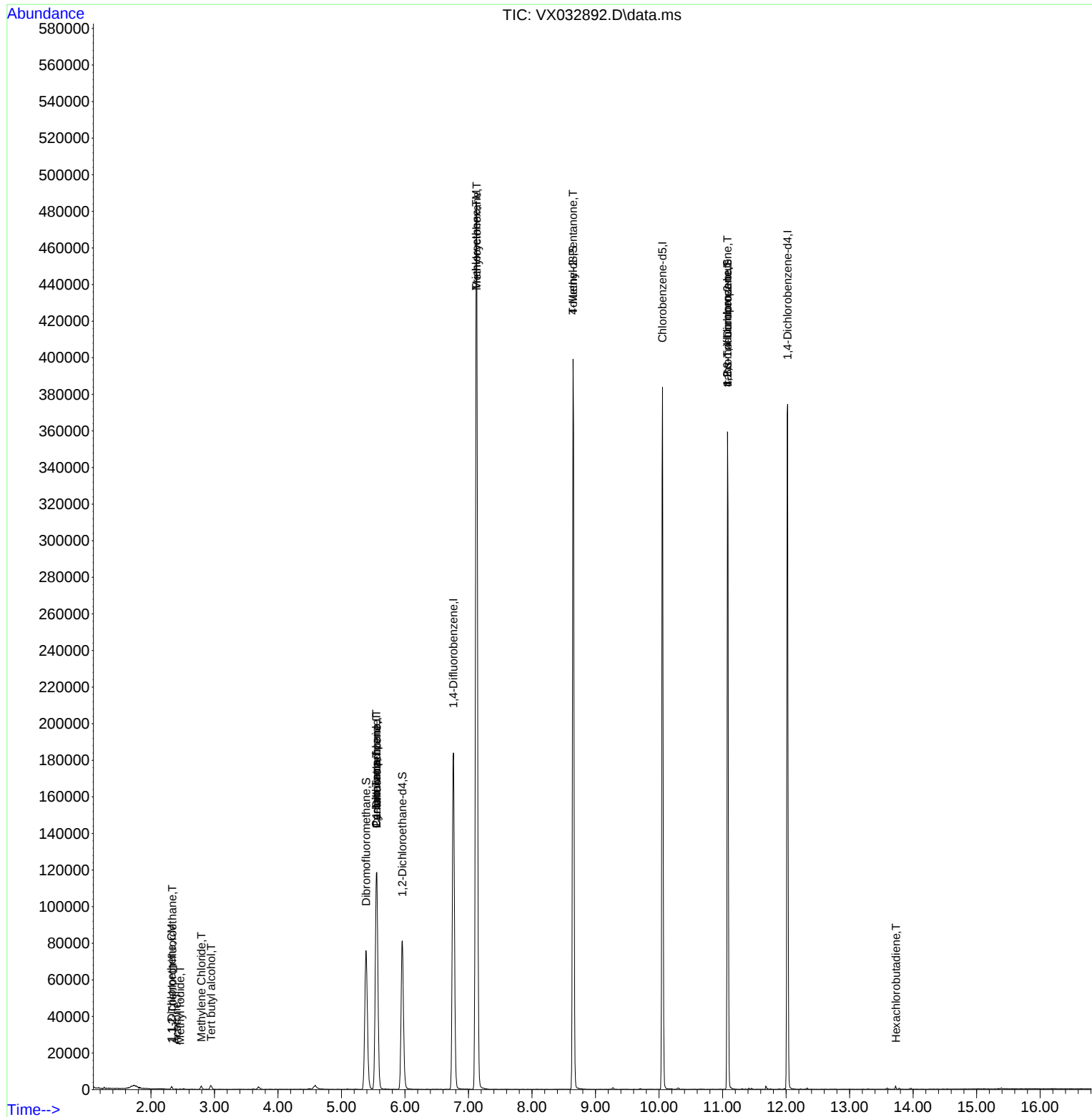
Internal Standards						
1) Pentafluorobenzene	5.556	168	114201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81322	51.249	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.500%	
35) Dibromofluoromethane	5.385	113	64901	48.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.160%	
50) Toluene-d8	8.647	98	233995	50.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	11.079	95	89510	49.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.660%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	251	0.205	ug/l #	84
10) Methyl Iodide	2.459	142	98	1.985	ug/l #	37
11) Tert butyl alcohol	2.946	59	1309	5.668	ug/l #	72
12) 1,1-Dichloroethene	2.324	96	350	0.306	ug/l #	74
16) Acetone	2.404	43	188	0.326	ug/l #	45
20) Methylene Chloride	2.794	84	873	0.660	ug/l #	93
31) Cyclohexane	5.550	56	2536	1.318	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	8851	4.758	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12358	5.990	ug/l #	15
39) Methylcyclohexane	7.128	83	2278	1.035	ug/l #	1
44) Trichloroethene	7.122	130	186503	125.853	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1085	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48981	27.598	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48981	87.817	ug/l #	6
94) Hexachlorobutadiene	13.731	225	259	0.330	ug/l #	74

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

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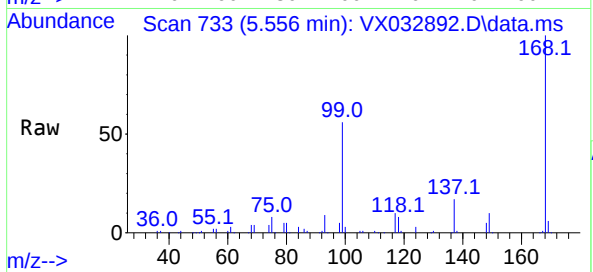
Quant Time: Nov 18 01:40:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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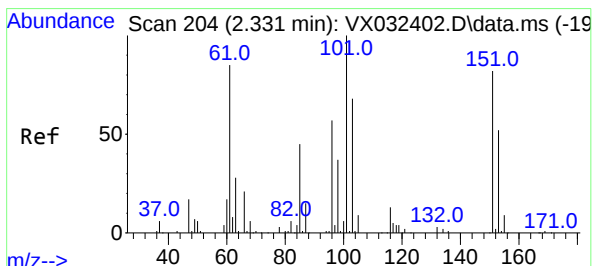
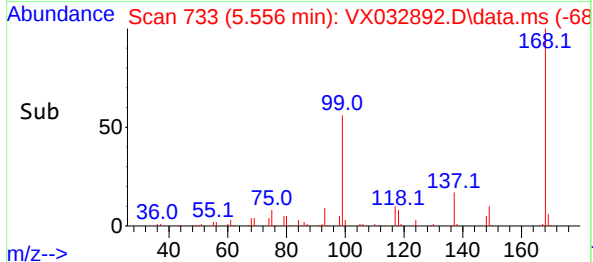
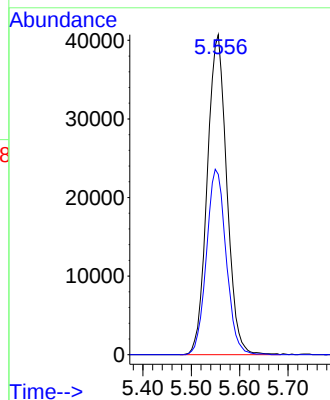


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115

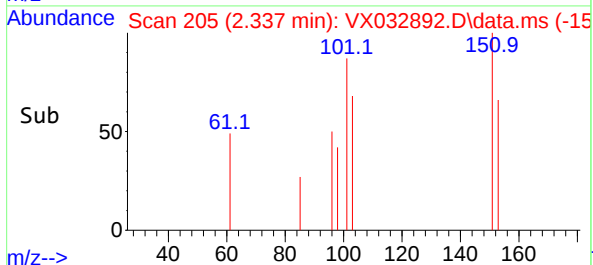
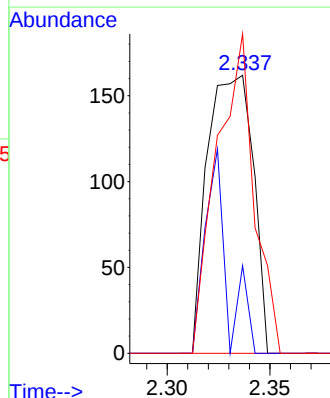
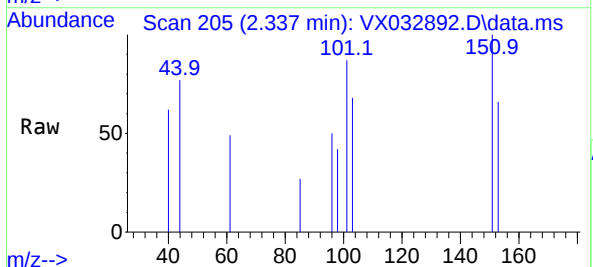


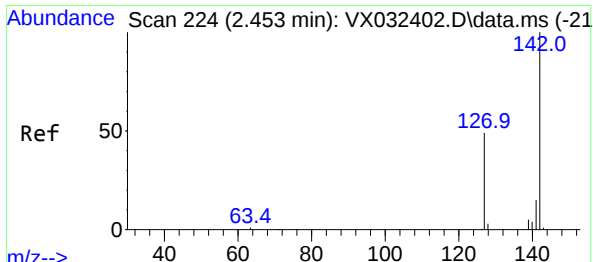
Tgt Ion:168 Resp: 114201
Ion Ratio Lower Upper
168 100
99 56.4 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.205 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

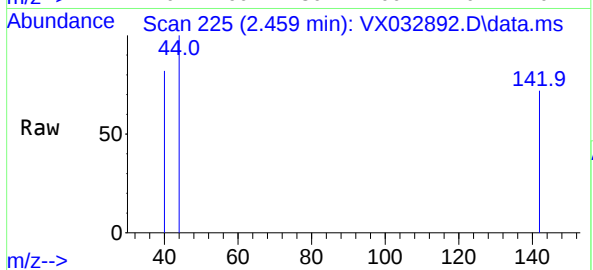
Tgt Ion:101 Resp: 251
Ion Ratio Lower Upper
101 100
85 35.5 37.0 55.4#
151 94.0 64.4 96.6



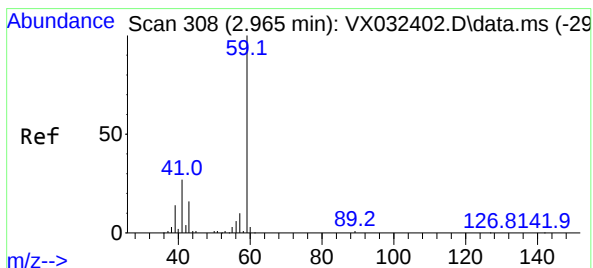
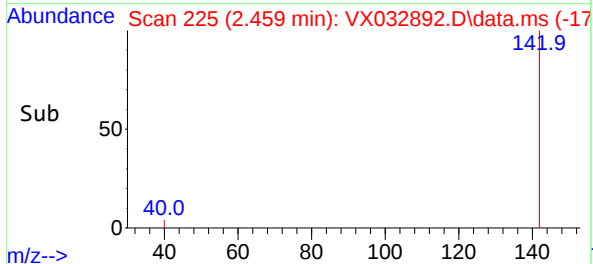
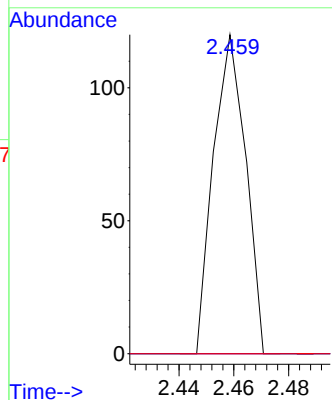


#10
Methyl Iodide
Concen: 1.985 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115

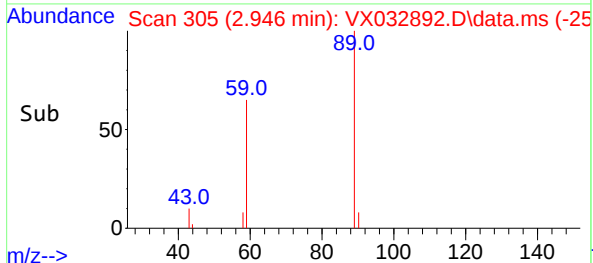
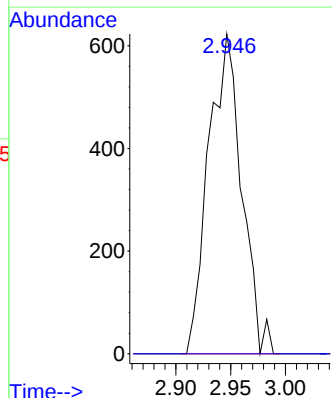
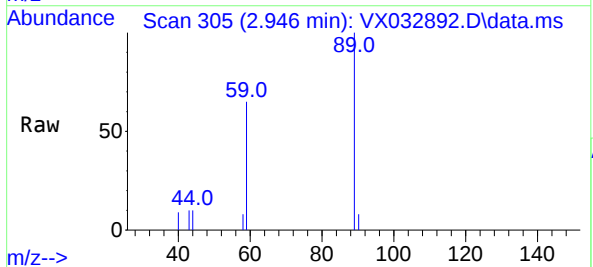


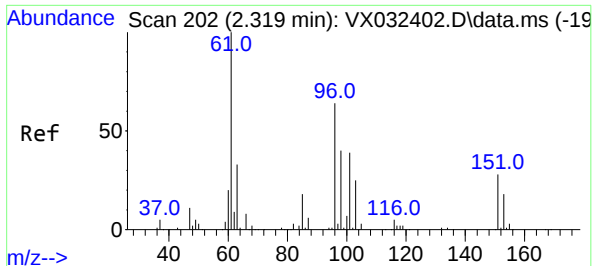
Tgt Ion:142 Resp: 98
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 5.668 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Tgt Ion: 59 Resp: 1309
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

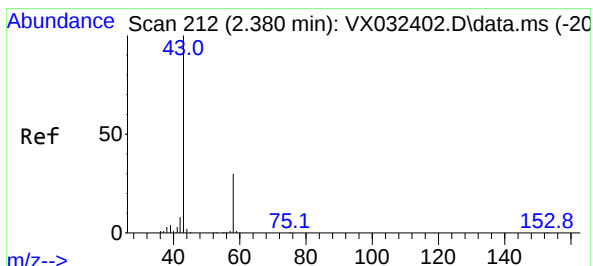
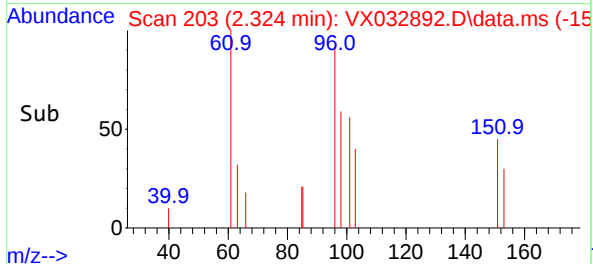
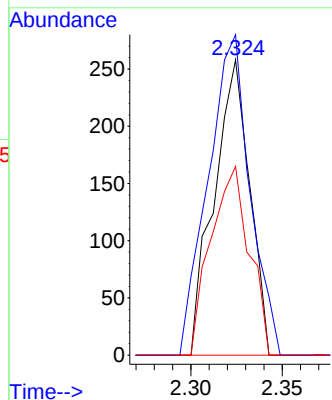
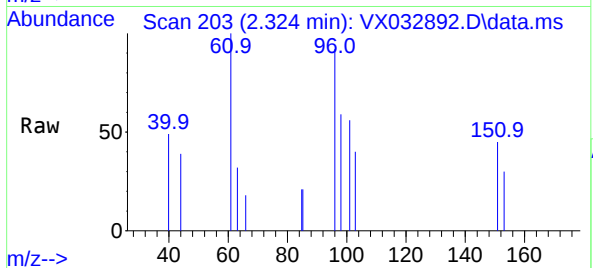




#12
1,1-Dichloroethene
Concen: 0.306 ug/l
RT: 2.324 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

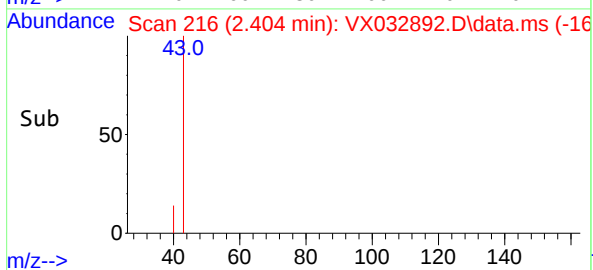
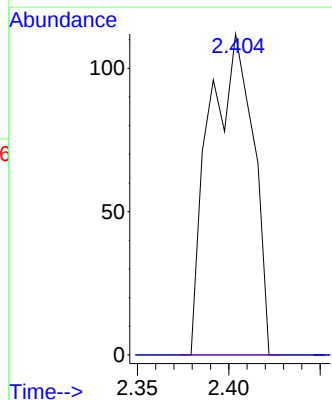
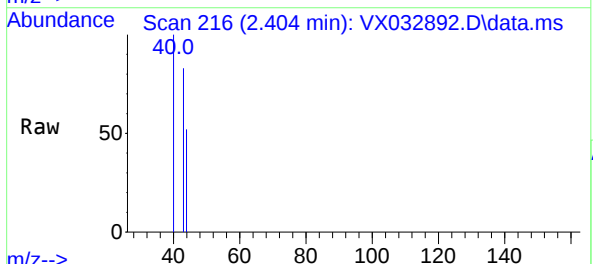
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115

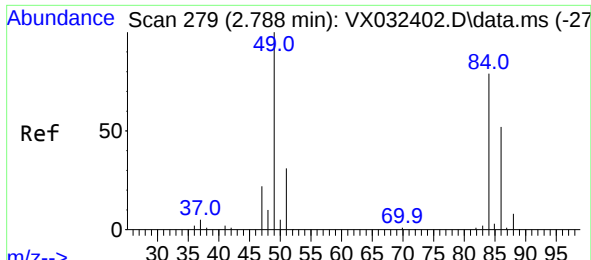
Tgt Ion: 96 Resp: 350
Ion Ratio Lower Upper
96 100
61 108.5 125.1 187.7#
98 64.0 50.6 76.0



#16
Acetone
Concen: 0.326 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.024 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



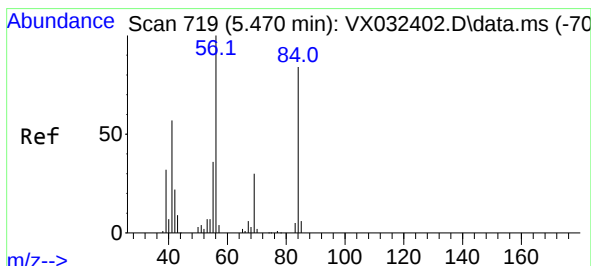
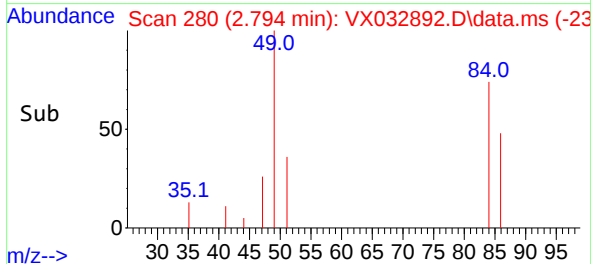
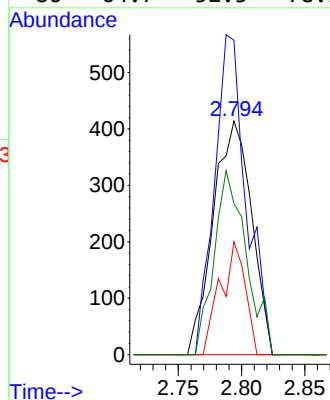
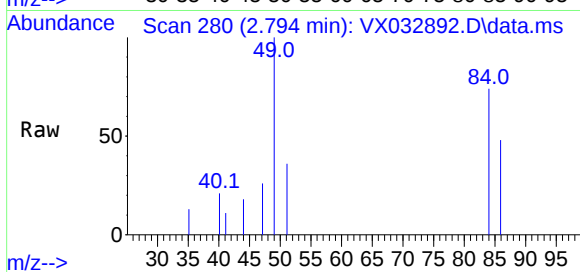


#20
Methylene Chloride
Concen: 0.660 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115

Tgt Ion: 84 Resp: 873

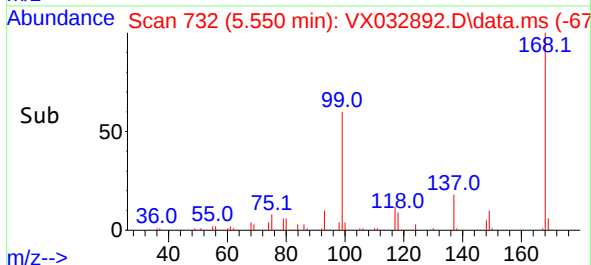
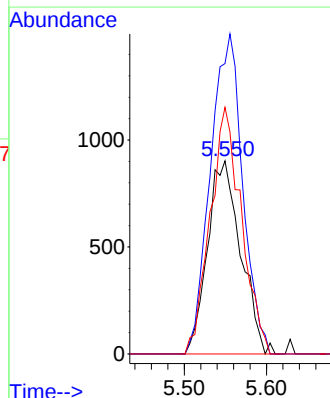
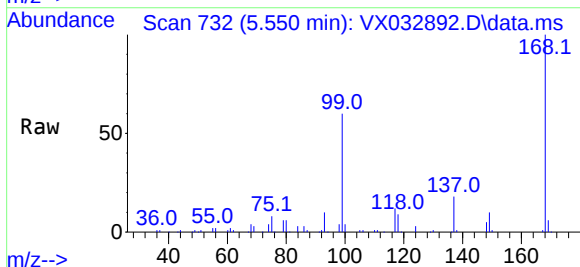
Ion	Ratio	Lower	Upper
84	100		
49	134.5	101.0	151.6
51	48.3	31.1	46.7#
86	64.7	52.3	78.5

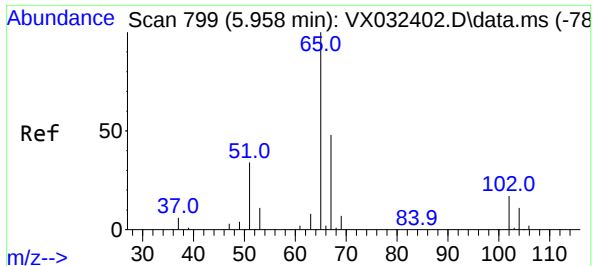


#31
Cyclohexane
Concen: 1.318 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Tgt Ion: 56 Resp: 2536

Ion	Ratio	Lower	Upper
56	100		
69	150.4	24.1	36.1#
84	127.7	66.9	100.3#

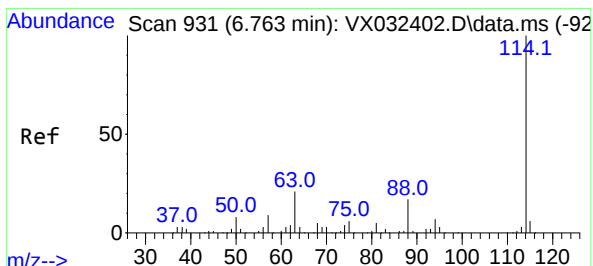
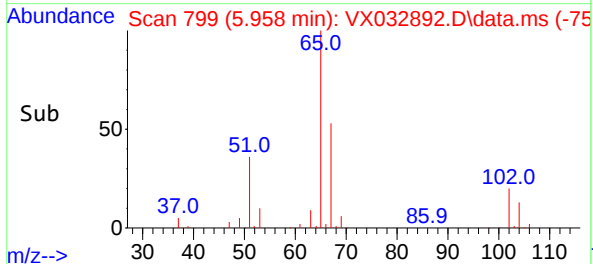
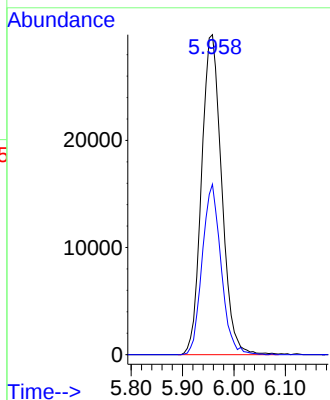
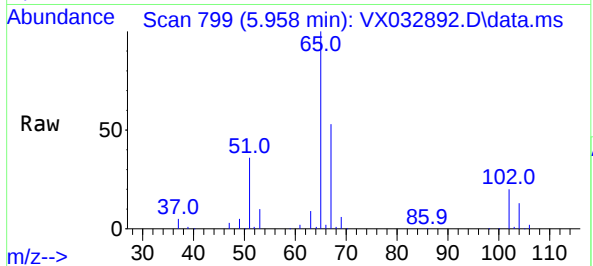




#33
1,2-Dichloroethane-d4
Concen: 51.249 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

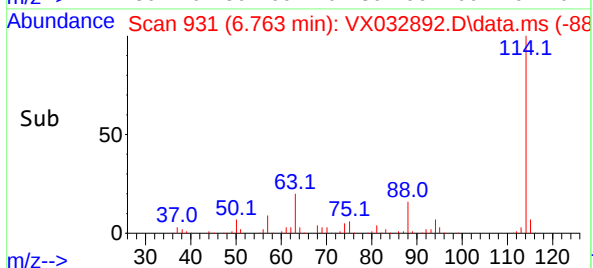
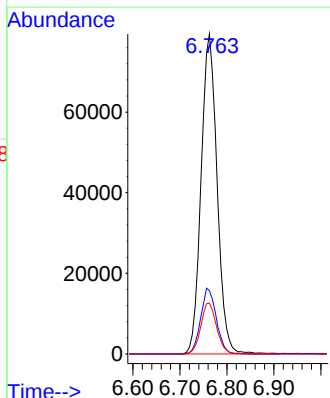
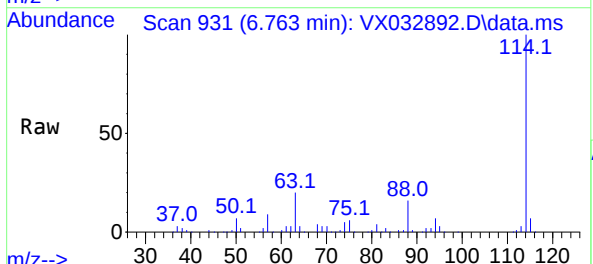
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115

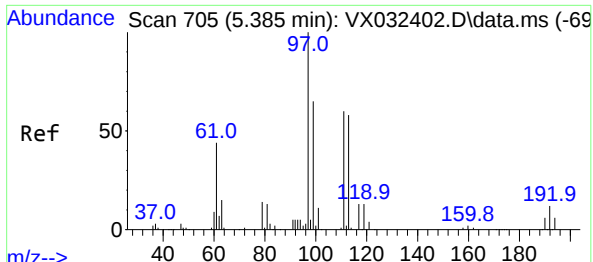
Tgt Ion: 65 Resp: 81322
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Tgt Ion: 114 Resp: 187276
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.8 0.0 33.4

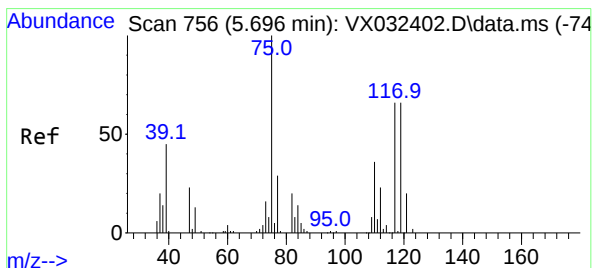
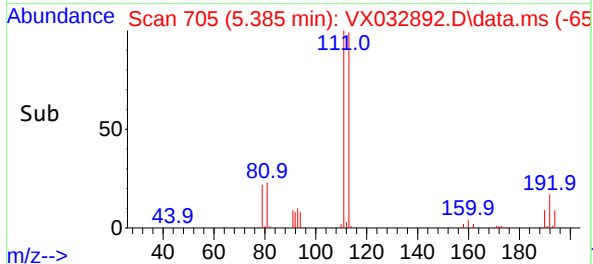
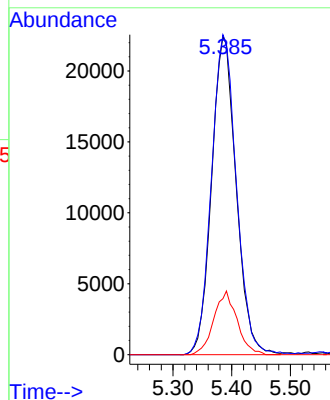
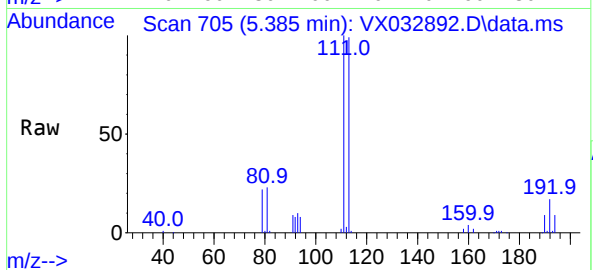




#35
Dibromofluoromethane
Concen: 48.584 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

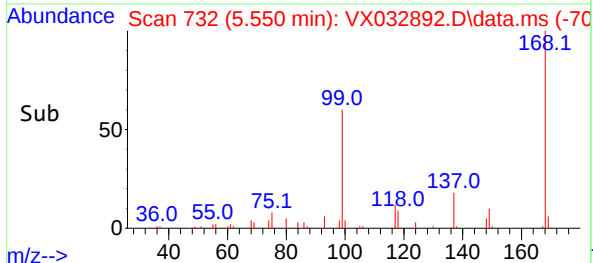
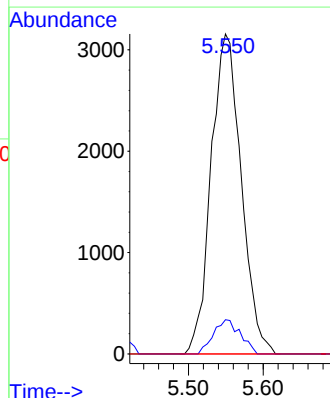
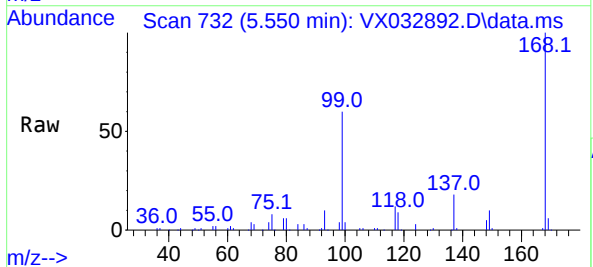
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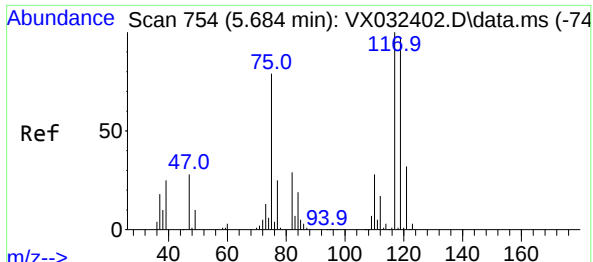
Tgt Ion:113 Resp: 64901
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.758 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

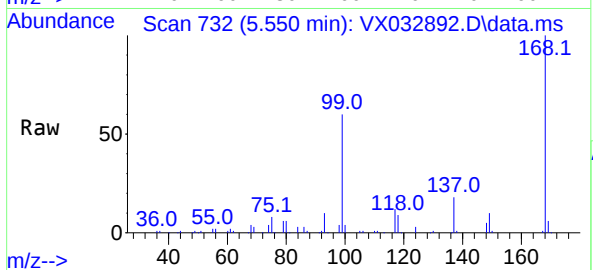
Tgt Ion: 75 Resp: 8851
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.5 36.7#



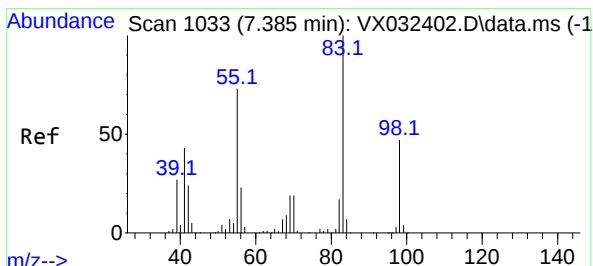
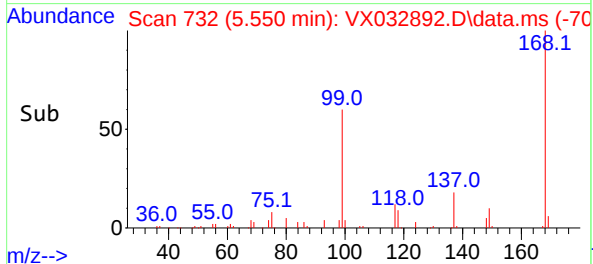
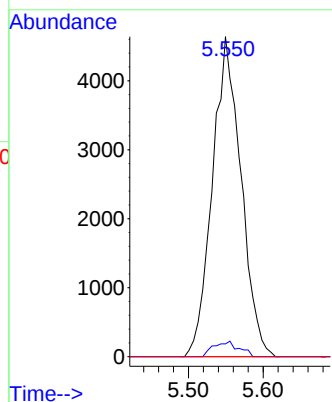


#38
Carbon Tetrachloride
Concen: 5.990 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115

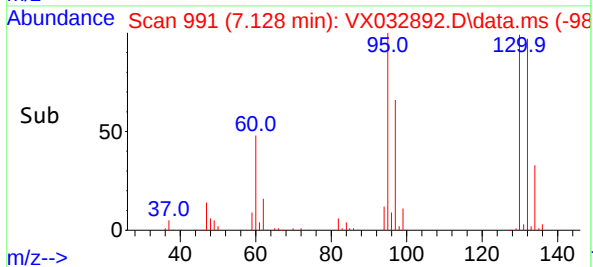
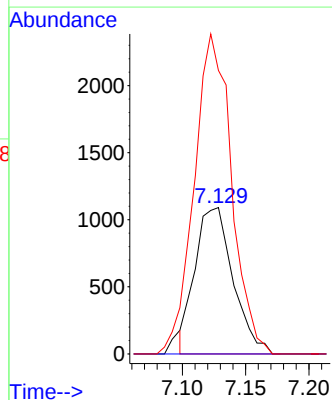
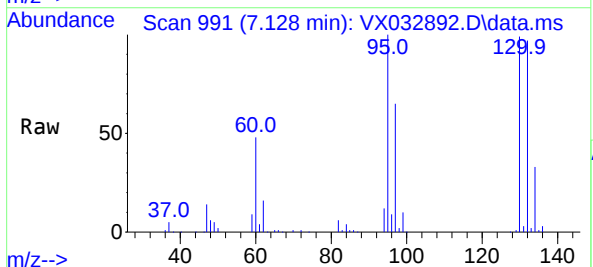


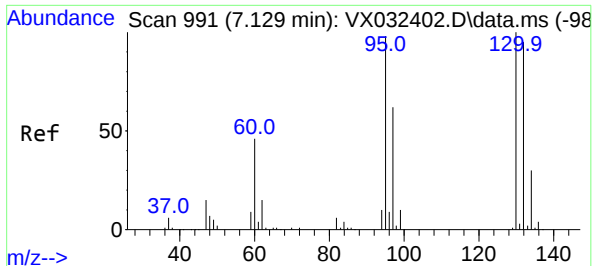
Tgt Ion:117 Resp: 12358
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 1.035 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Tgt Ion: 83 Resp: 2278
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 193.7 37.2 55.8#

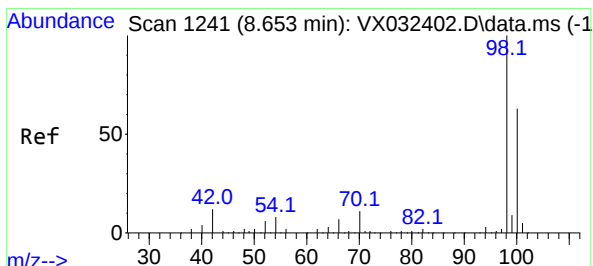
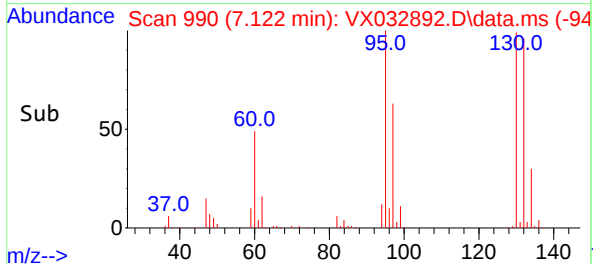
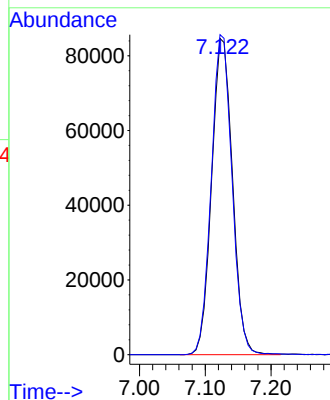
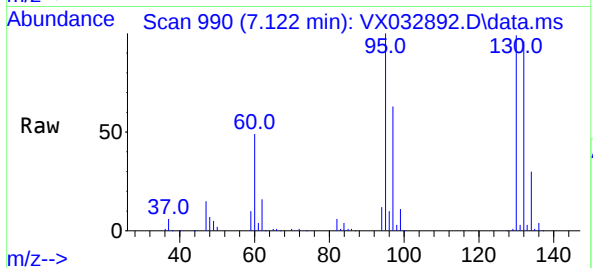




#44
Trichloroethene
Concen: 125.853 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

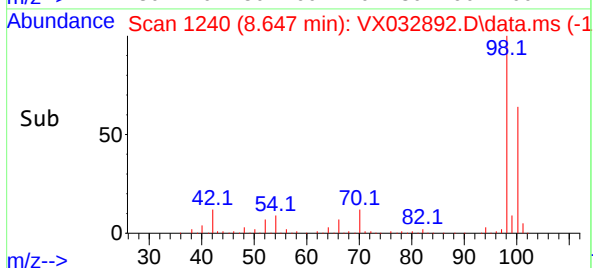
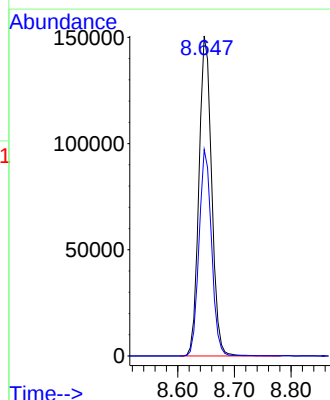
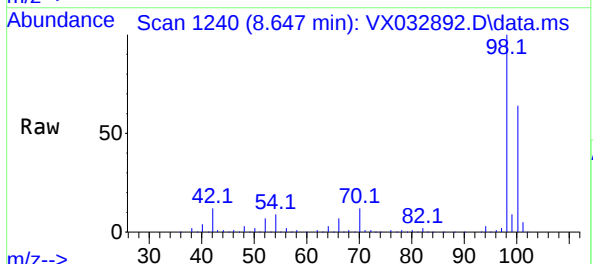
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115

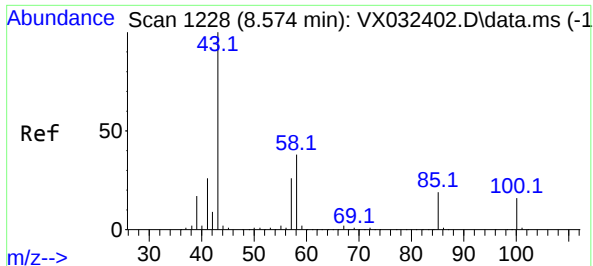
Tgt Ion:130 Resp: 186503
Ion Ratio Lower Upper
130 100
95 101.2 0.0 195.2



#50
Toluene-d8
Concen: 50.375 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Tgt Ion: 98 Resp: 233995
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

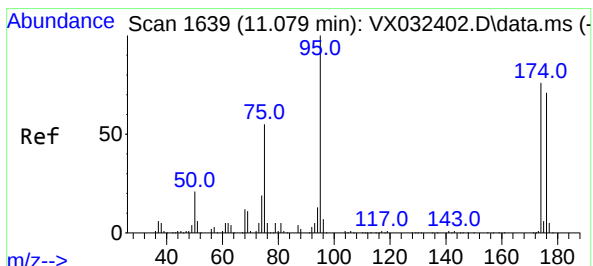
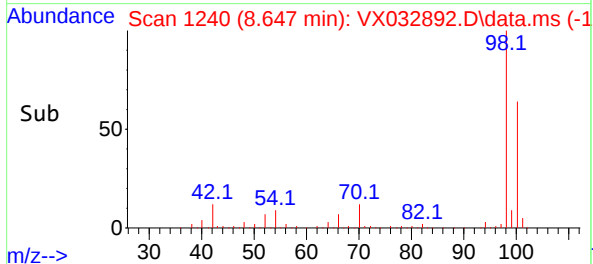
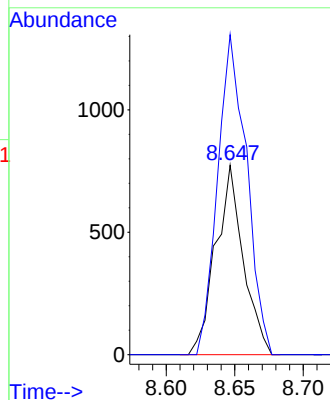
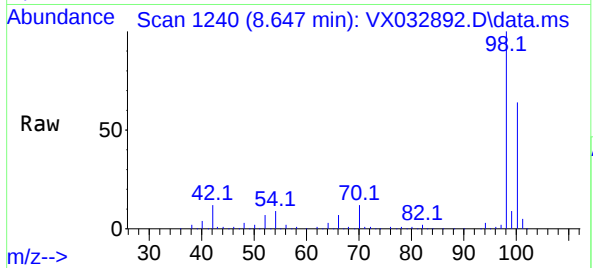




#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

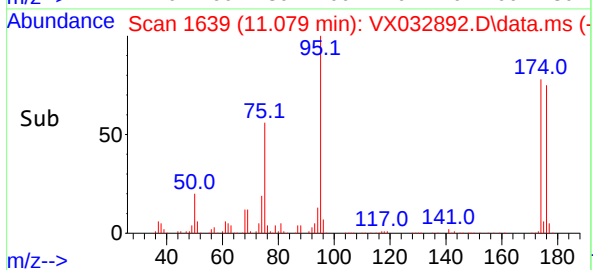
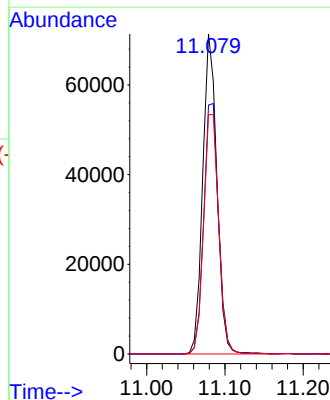
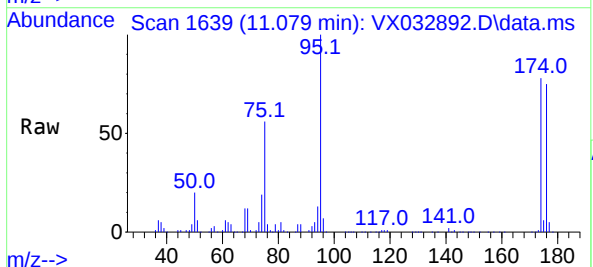
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115

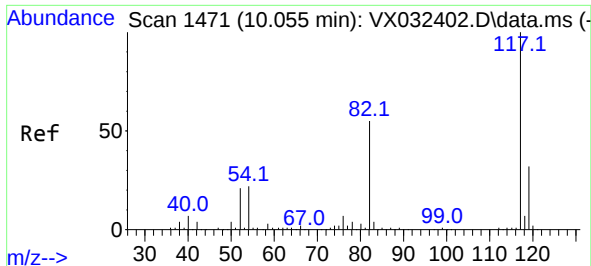
Tgt Ion: 43 Resp: 1085
Ion Ratio Lower Upper
43 100
58 177.1 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 49.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Tgt Ion: 95 Resp: 89510
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 79.2 0.0 154.4

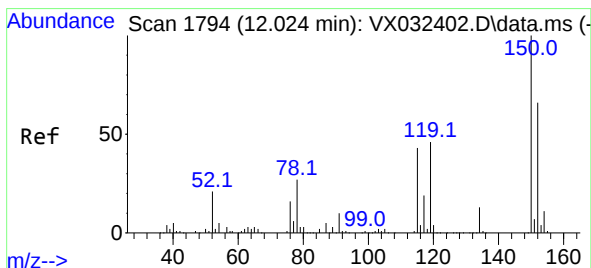
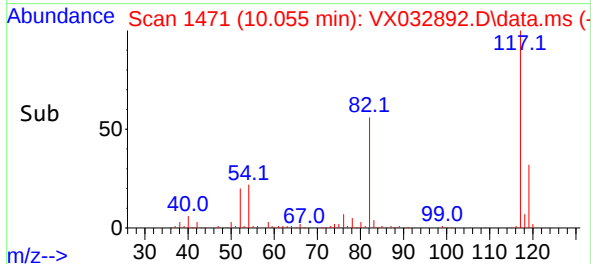
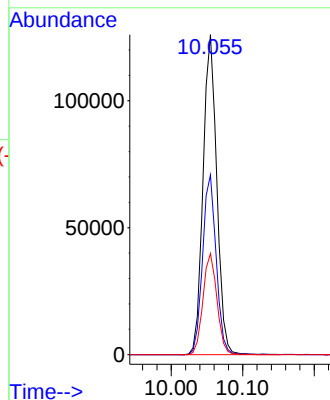
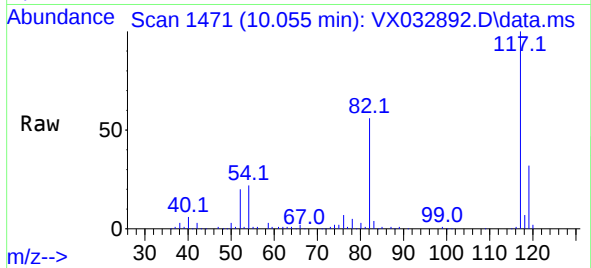




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

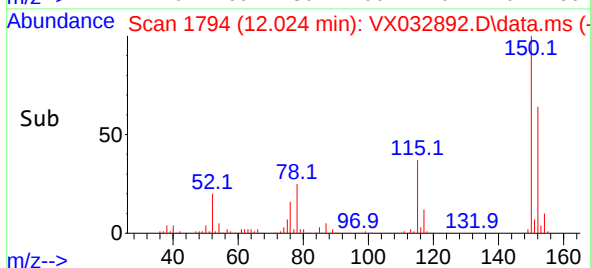
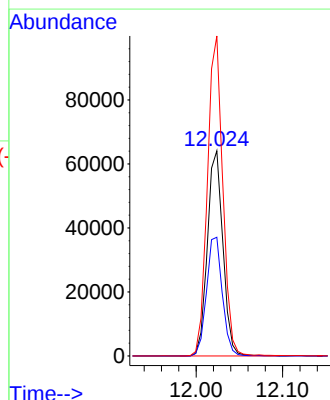
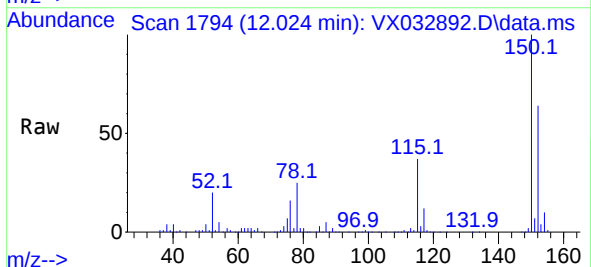
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115

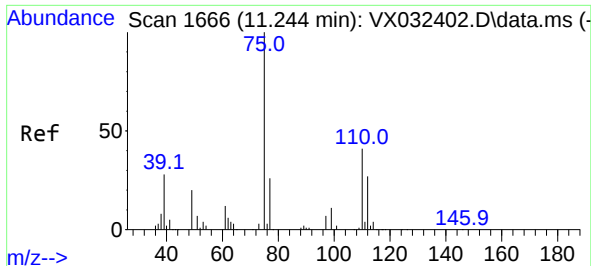
Tgt Ion:117 Resp: 168175
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Tgt Ion:152 Resp: 79776
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 154.7 0.0 351.8

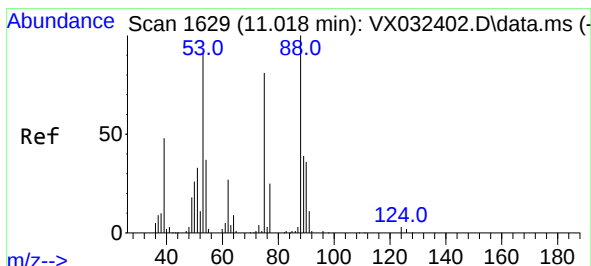
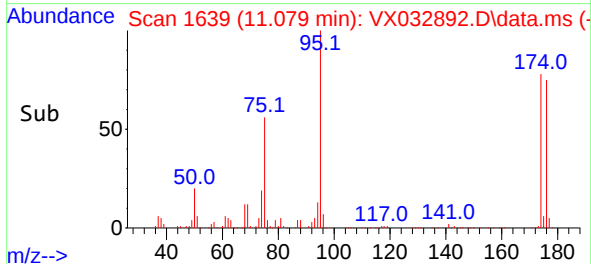
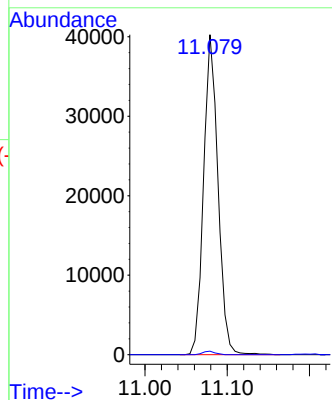
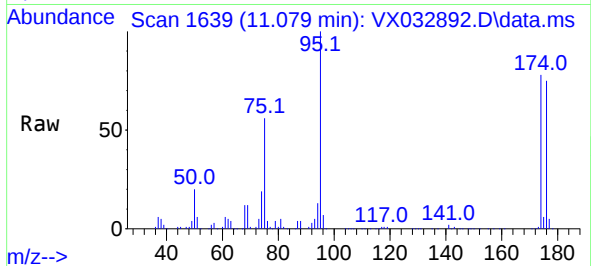




#76
1,2,3-Trichloropropane
Concen: 27.598 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

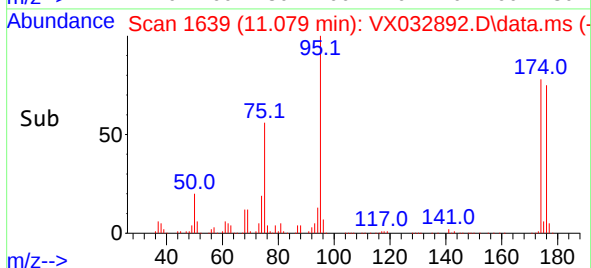
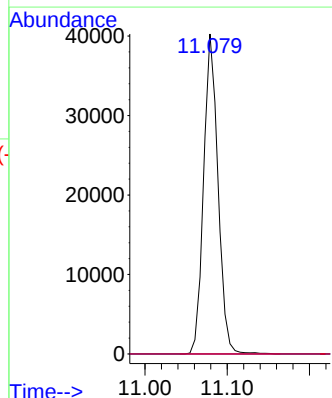
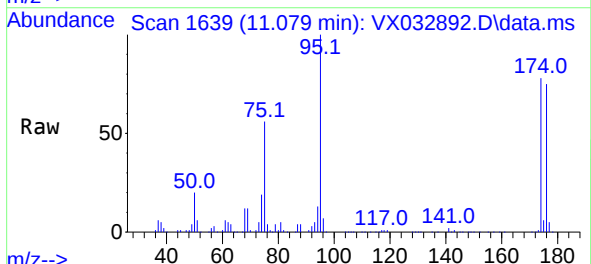
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115

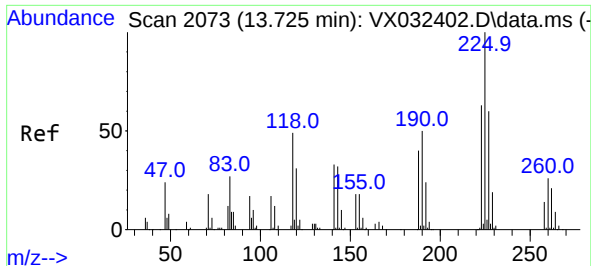
Tgt Ion: 75 Resp: 48981
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.817 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

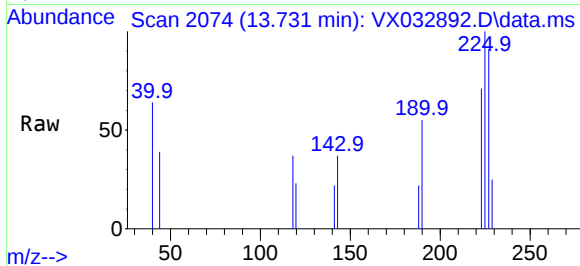
Tgt Ion: 75 Resp: 48981
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#94
Hexachlorobutadiene
Concen: 0.330 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX032892.D
Acq: 17 Nov 2022 12:11

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20221115



Tgt Ion:225 Resp: 259
Ion Ratio Lower Upper
225 100
223 72.2 31.9 95.9
227 96.5 31.9 95.5#

