

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038662.D
 Acq On : 08 Nov 2023 17:36
 Operator : JC/MD
 Sample : 05223-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-14-20231030

Quant Time: Nov 09 01:21:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

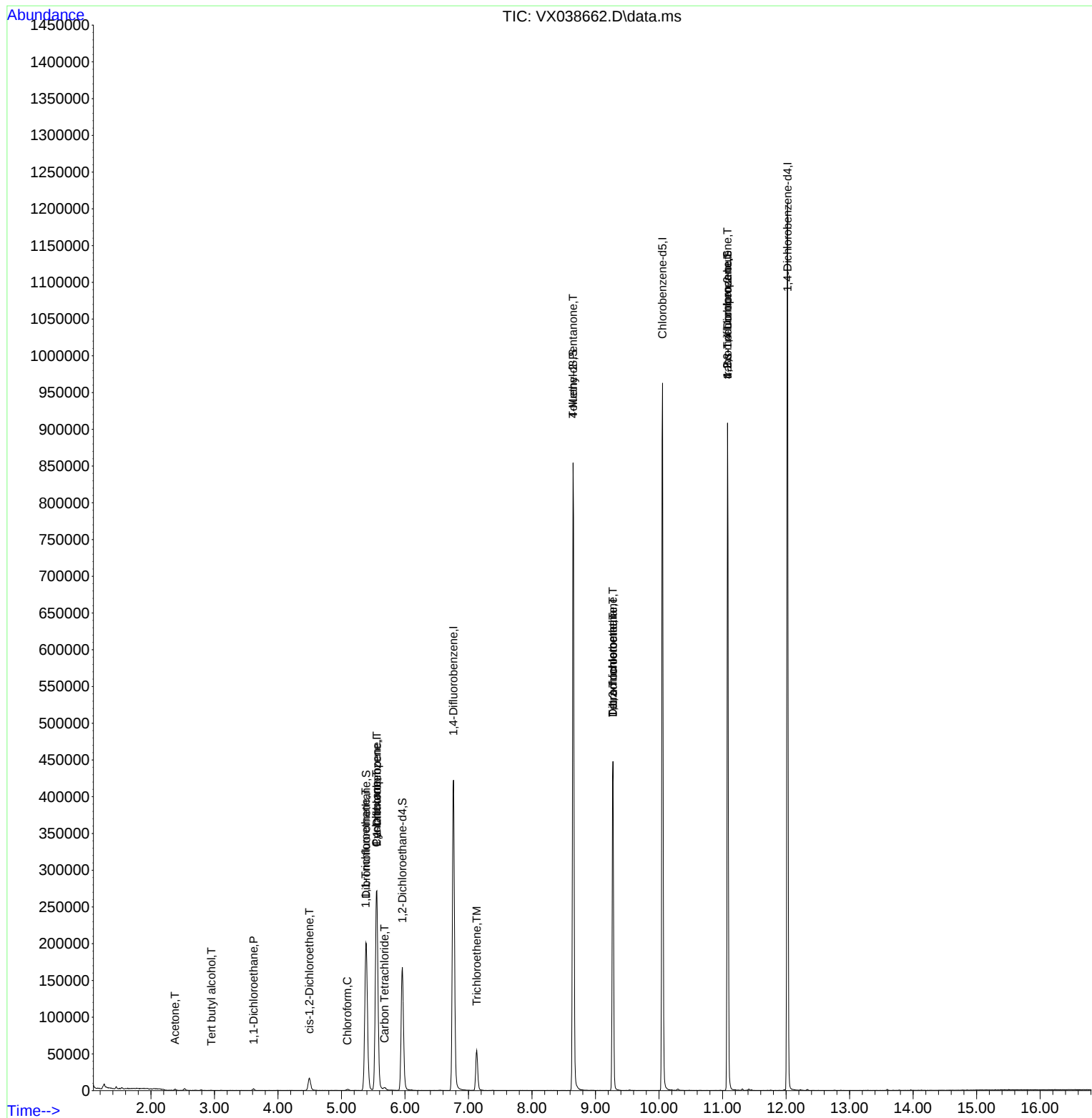
Internal Standards						
1) Pentafluorobenzene	5.556	168	283727	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	468484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	475177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166037	47.005	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.020%
35) Dibromofluoromethane	5.385	113	157179	46.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	536546	44.438	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.880%#
62) 4-Bromofluorobenzene	11.079	95	238703	50.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	277	0.384	ug/l	# 78
16) Acetone	2.380	43	1922	1.292	ug/l	98
24) 1,1-Dichloroethane	3.617	63	2537	0.536	ug/l	# 89
27) cis-1,2-Dichloroethene	4.495	96	12132	3.645	ug/l	76
30) Chloroform	5.092	83	1921	0.346	ug/l	90
31) Cyclohexane	5.550	56	4468	1.143	ug/l	# 1
32) 1,1,1-Trichloroethane	5.379	97	25809	5.285	ug/l	96
36) 1,1-Dichloropropene	5.556	75	18776	4.480	ug/l	# 52
38) Carbon Tetrachloride	5.678	117	2683	0.573	ug/l	# 87
44) Trichloroethene	7.129	130	23407	6.232	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1816	0.424	ug/l	# 1
55) 1,1,2-Trichloroethane	9.275	97	713	0.212	ug/l	# 1
60) Dibromochloromethane	9.275	129	86083	22.853	ug/l	# 11
64) Tetrachloroethene	9.275	164	90134	25.341	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	118189	21.798	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	118189	65.979	ug/l	# 5

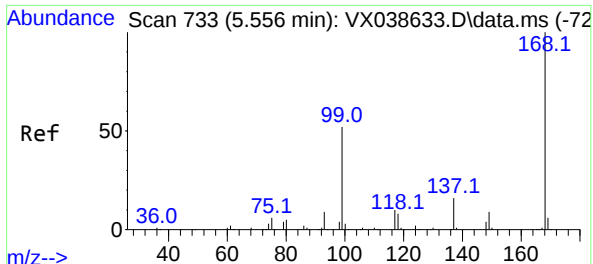
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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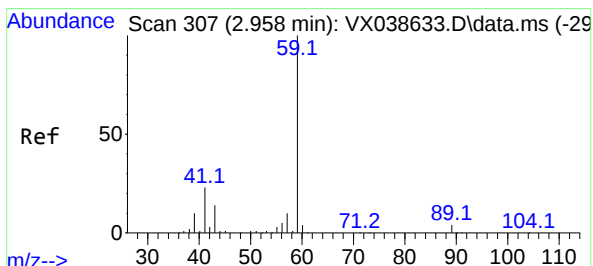
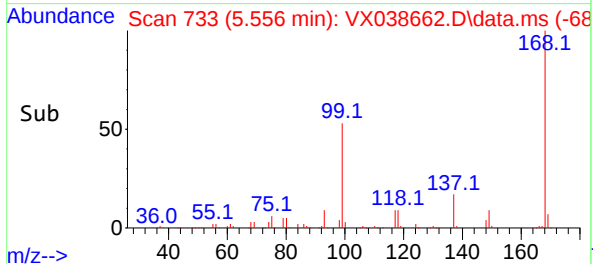
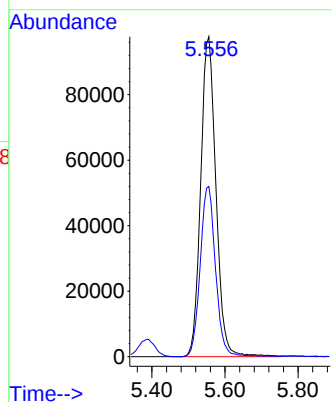
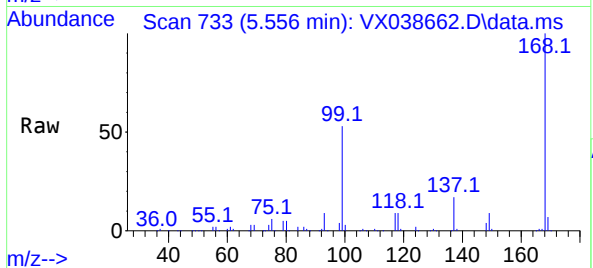




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

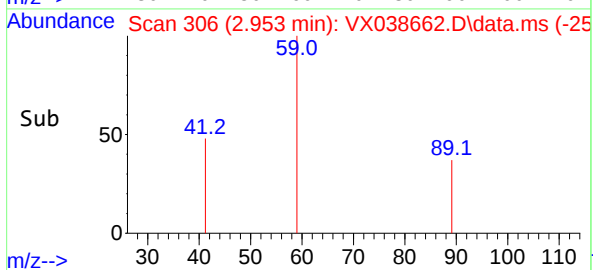
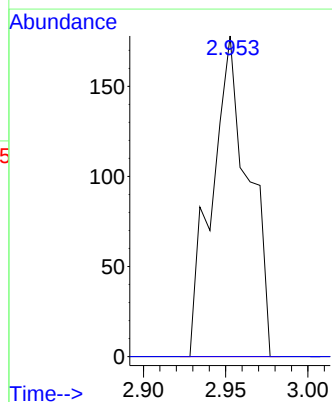
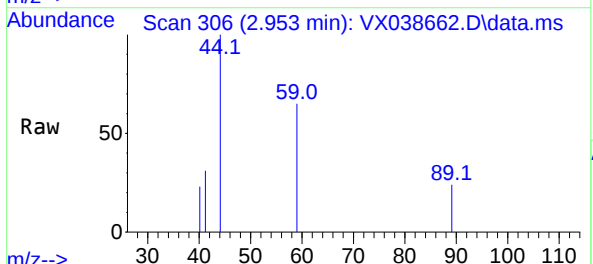
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

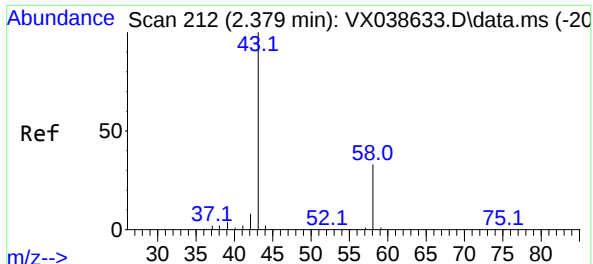
Tgt Ion:168 Resp: 283727
Ion Ratio Lower Upper
168 100
99 53.2 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.384 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion: 59 Resp: 277
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

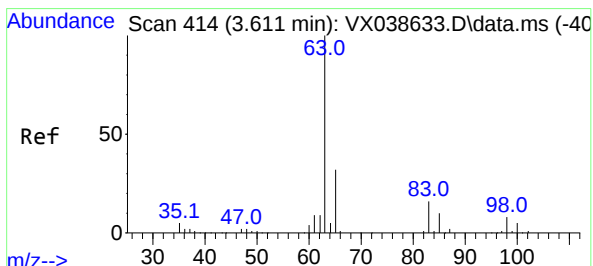
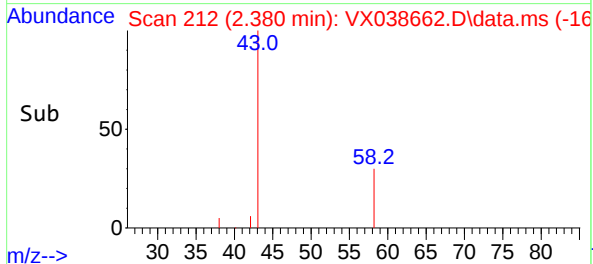
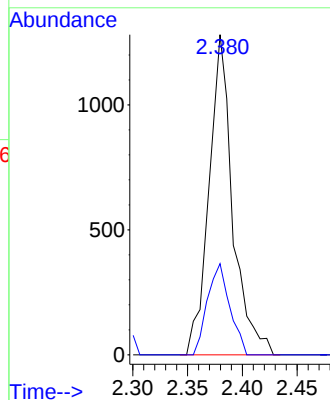
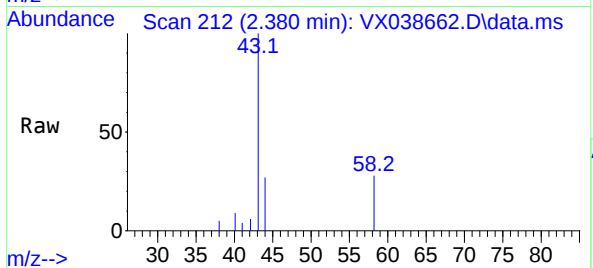




#16
Acetone
Concen: 1.292 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

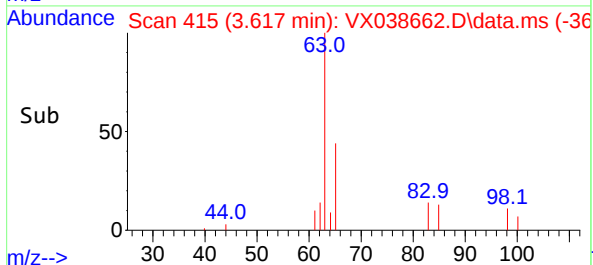
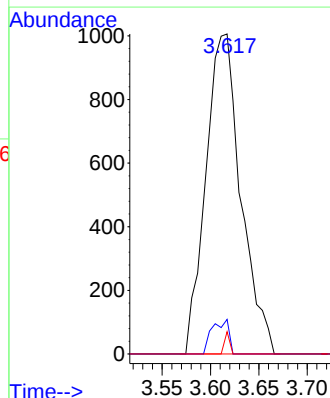
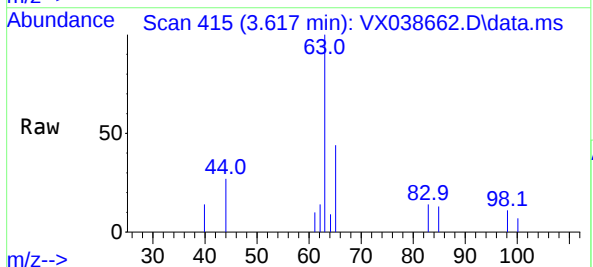
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

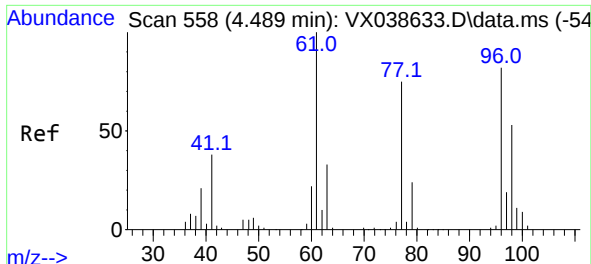
Tgt Ion: 43 Resp: 1922
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9



#24
1,1-Dichloroethane
Concen: 0.536 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion: 63 Resp: 2537
Ion Ratio Lower Upper
63 100
98 10.8 3.3 9.8#
100 7.0 2.1 6.5#

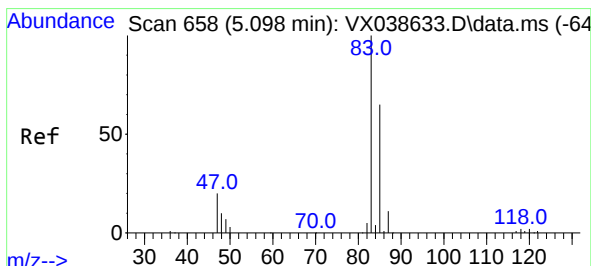
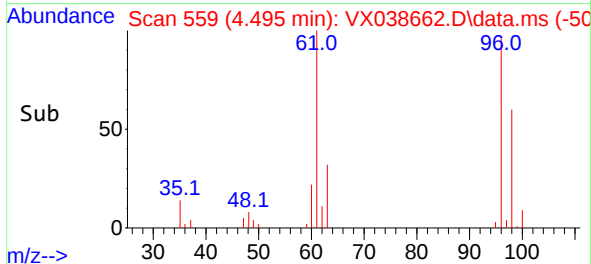
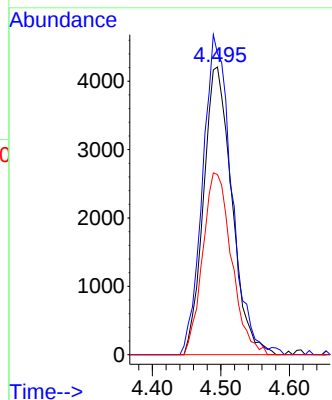
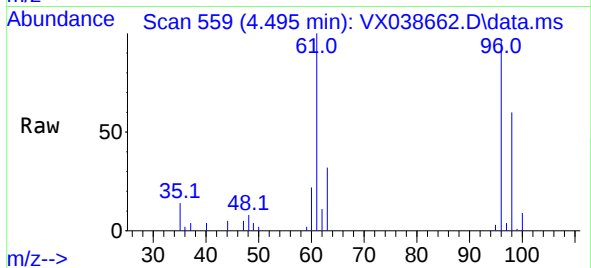




#27
cis-1,2-Dichloroethene
Concen: 3.645 ug/l
RT: 4.495 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

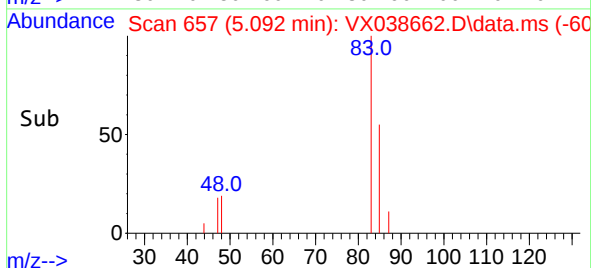
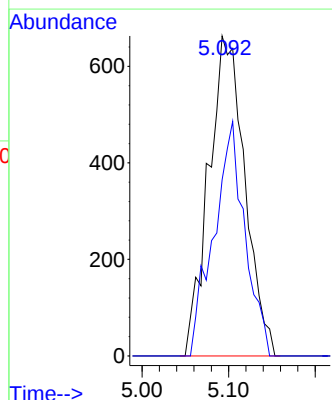
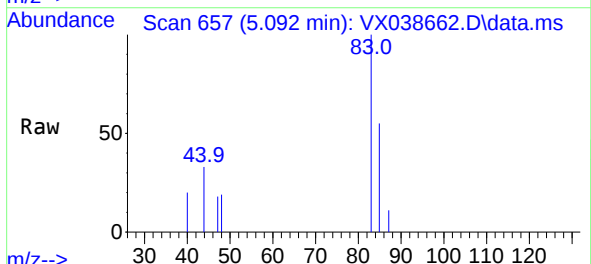
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

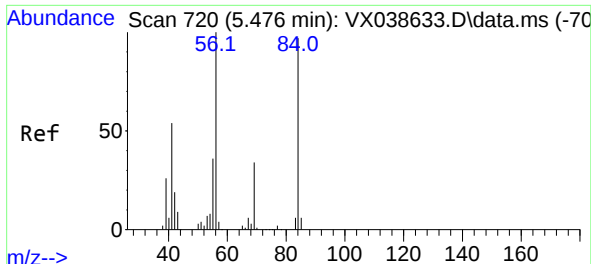
Tgt Ion: 96 Resp: 12132
Ion Ratio Lower Upper
96 100
61 112.4 0.0 312.2
98 64.3 0.0 129.0



#30
Chloroform
Concen: 0.346 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

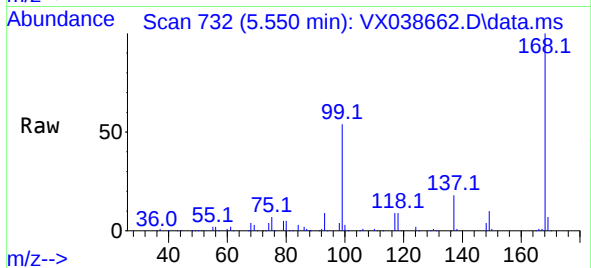
Tgt Ion: 83 Resp: 1921
Ion Ratio Lower Upper
83 100
85 55.1 50.3 75.5



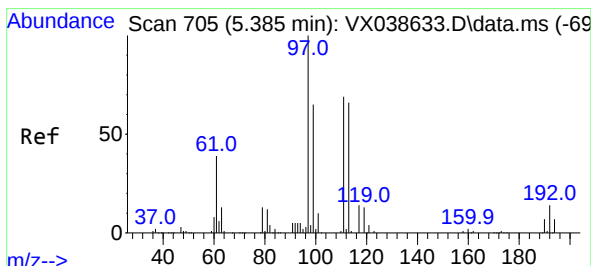
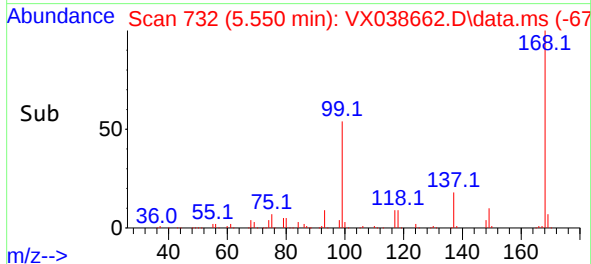
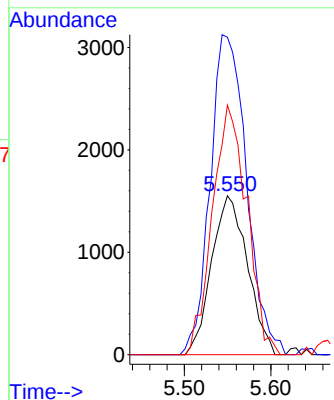


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

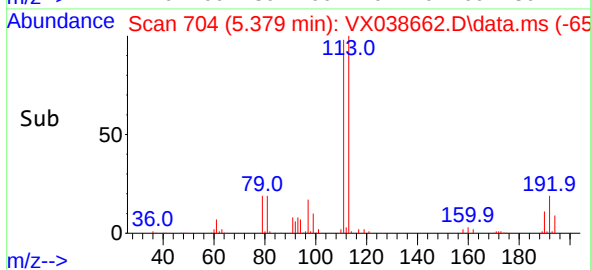
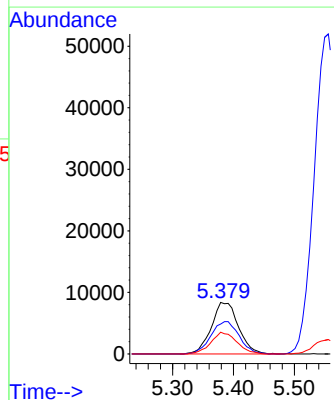
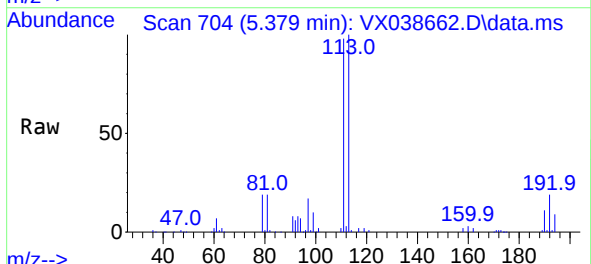


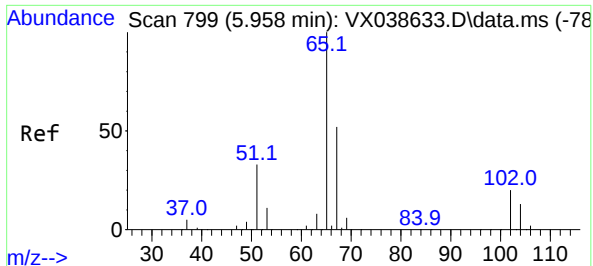
Tgt Ion: 56 Resp: 4468
Ion Ratio Lower Upper
56 100
69 199.7 23.4 35.2#
84 157.1 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 5.285 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion: 97 Resp: 25809
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 40.4 36.4 54.6

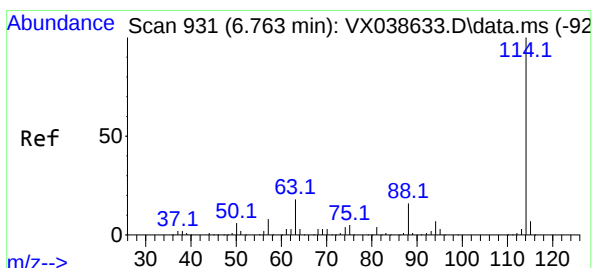
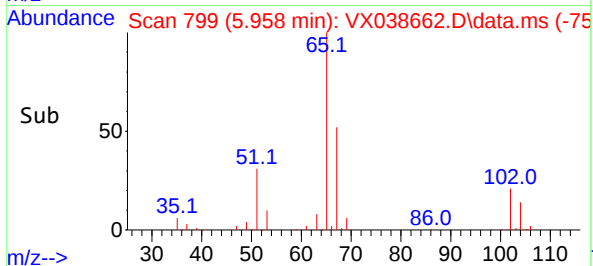
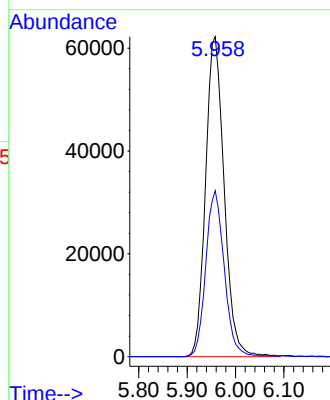
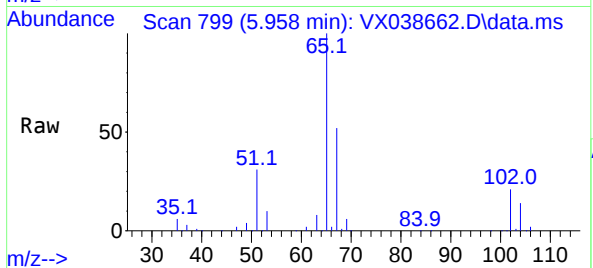




#33
1,2-Dichloroethane-d4
Concen: 47.005 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

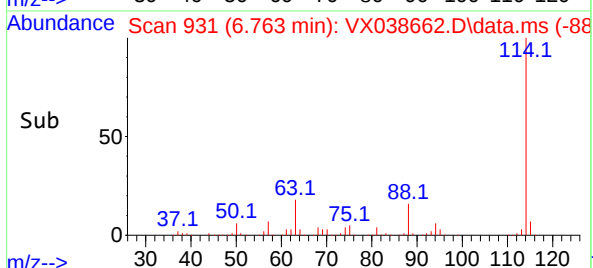
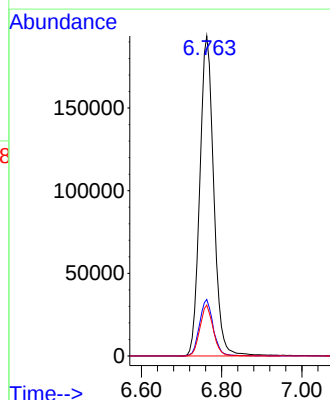
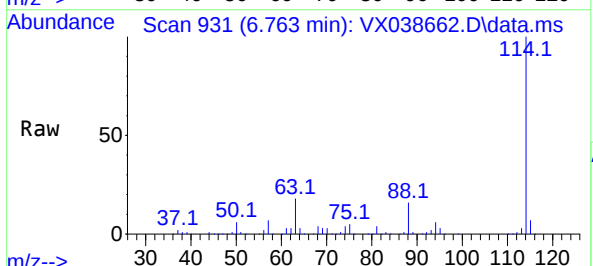
Instrument :
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ClientSampleId :
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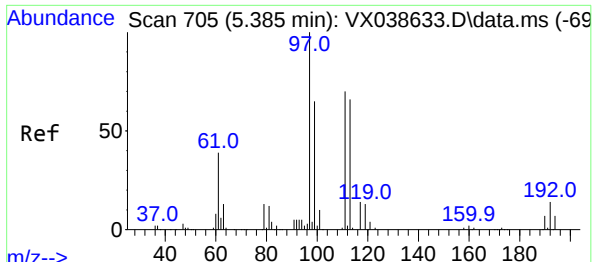
Tgt Ion: 65 Resp: 166037
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

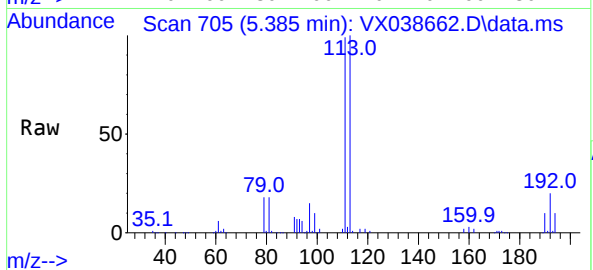
Tgt Ion:114 Resp: 468484
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 15.9 0.0 36.6



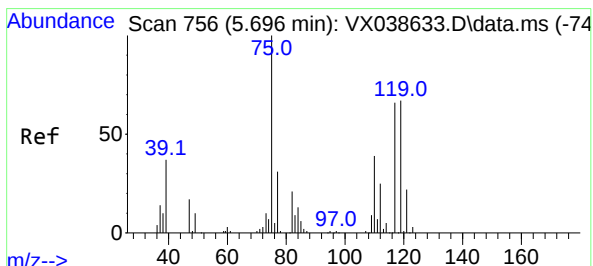
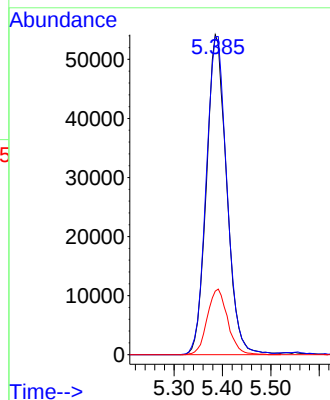
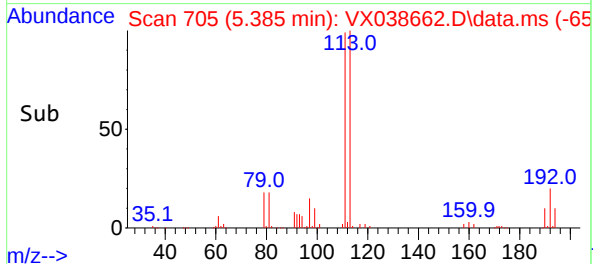


#35
Dibromofluoromethane
Concen: 46.583 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

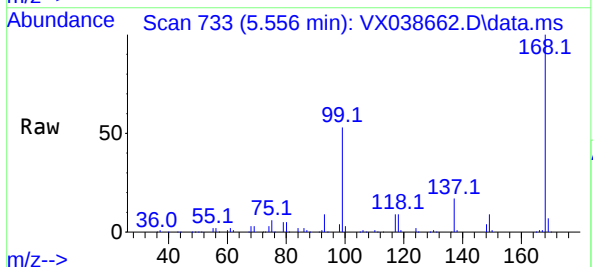
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MSVOA_X
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FSND-MW-14-20231030



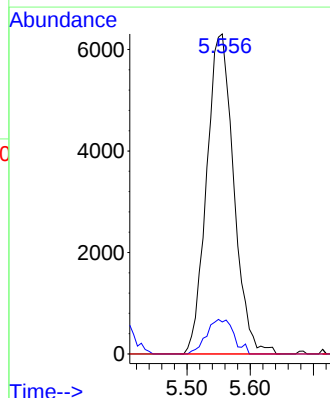
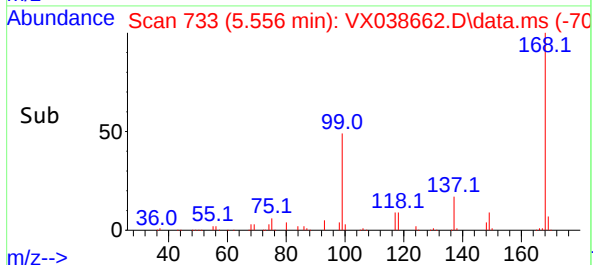
Tgt Ion:113 Resp: 157179
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 20.7 13.3 19.9#

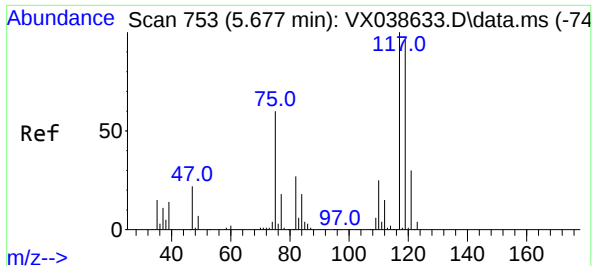


#36
1,1-Dichloropropene
Concen: 4.480 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36



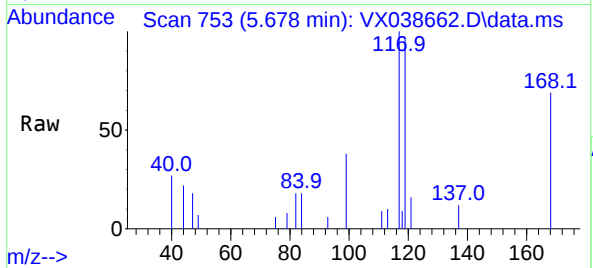
Tgt Ion: 75 Resp: 18776
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



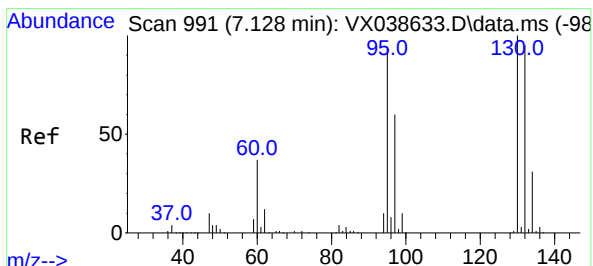
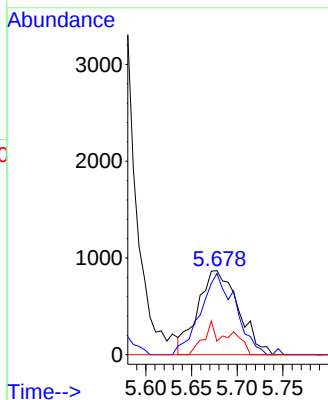
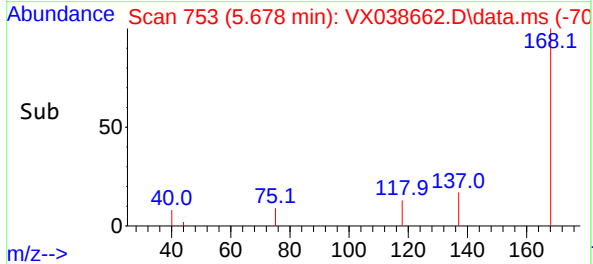


#38
Carbon Tetrachloride
Concen: 0.573 ug/l
RT: 5.678 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Instrument : MSVOA_X
ClientSampleId : FSND-MW-14-20231030

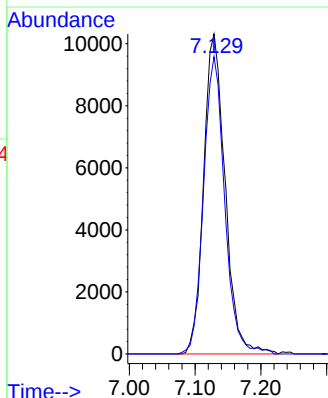
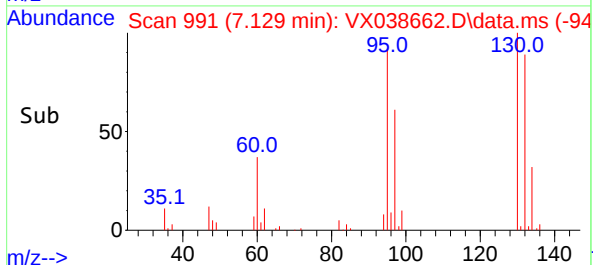
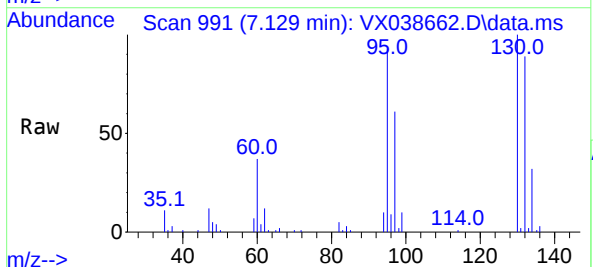


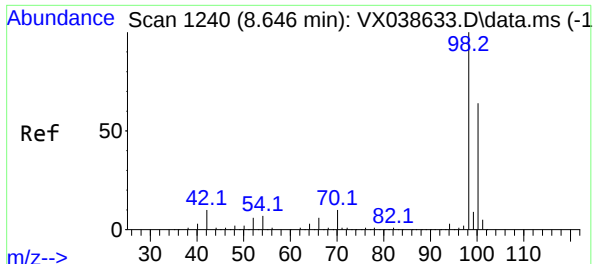
Tgt Ion:117 Resp: 2683
Ion Ratio Lower Upper
117 100
119 89.2 78.2 117.2
121 16.1 24.4 36.6#



#44
Trichloroethene
Concen: 6.232 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion:130 Resp: 23407
Ion Ratio Lower Upper
130 100
95 92.9 0.0 204.4

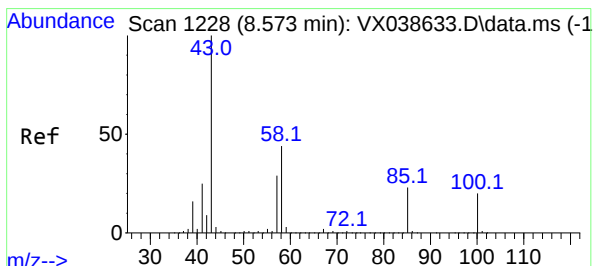
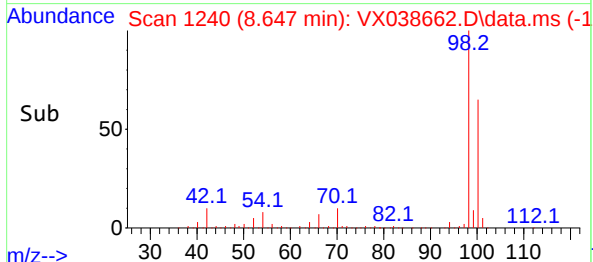
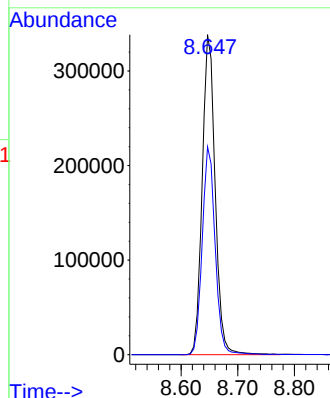
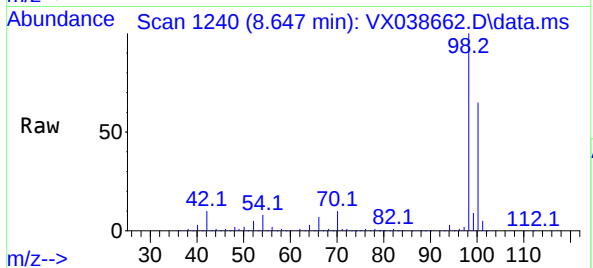




#50
Toluene-d8
Concen: 44.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

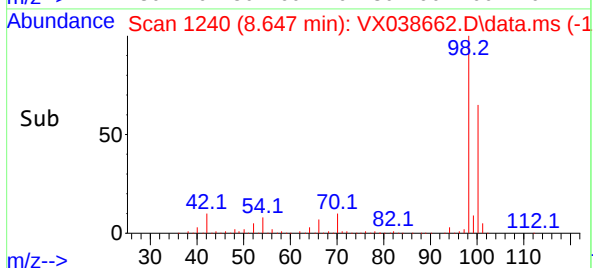
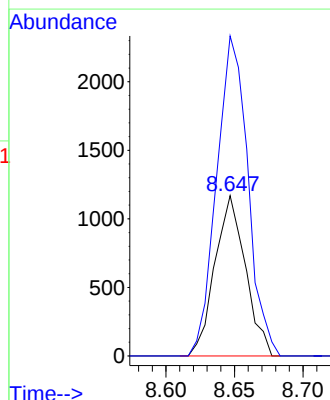
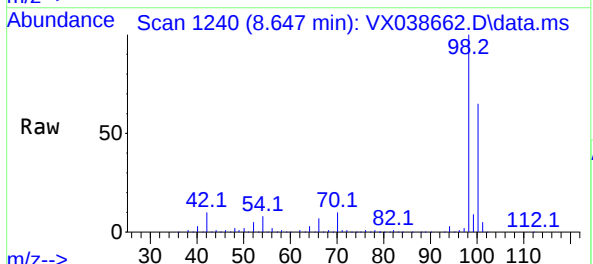
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

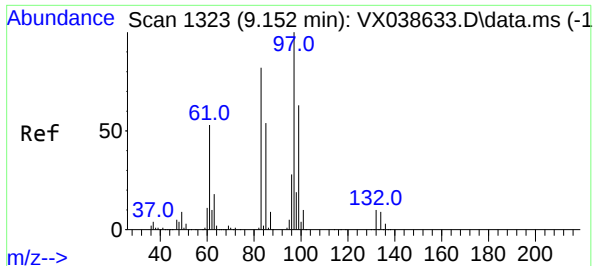
Tgt Ion: 98 Resp: 536546
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion: 43 Resp: 1816
Ion Ratio Lower Upper
43 100
58 204.2 30.4 45.6#





#55

1,1,2-Trichloroethane

Concen: 0.212 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.122 min

Lab File: VX038662.D

Acq: 08 Nov 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-14-20231030

Tgt Ion: 97 Resp: 713

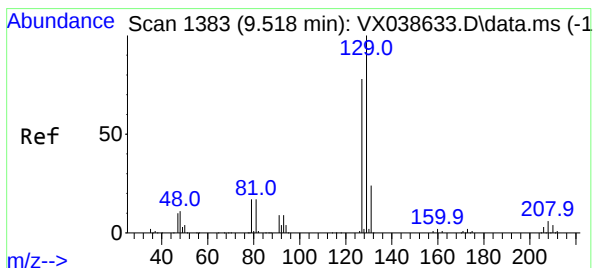
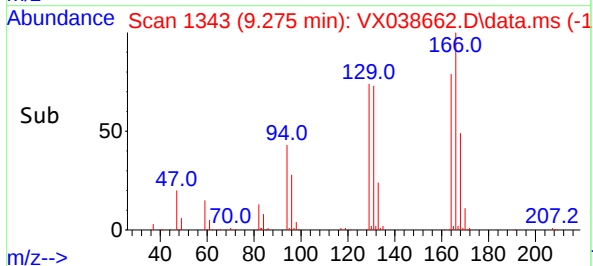
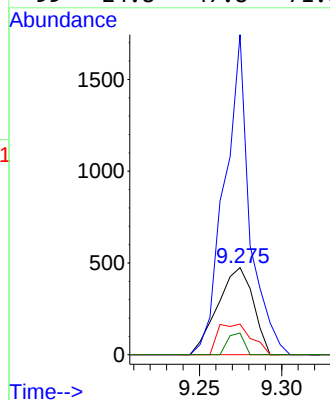
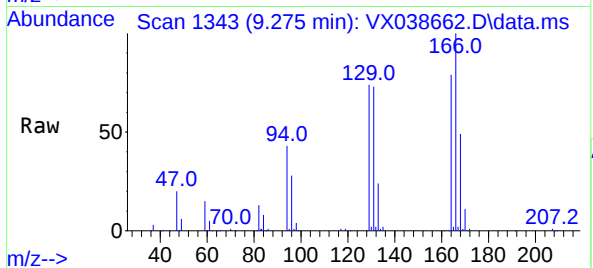
Ion Ratio Lower Upper

97 100

83 367.2 65.8 98.8#

85 35.2 41.6 62.4#

99 24.8 47.8 71.8#



#60

Dibromochloromethane

Concen: 22.853 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX038662.D

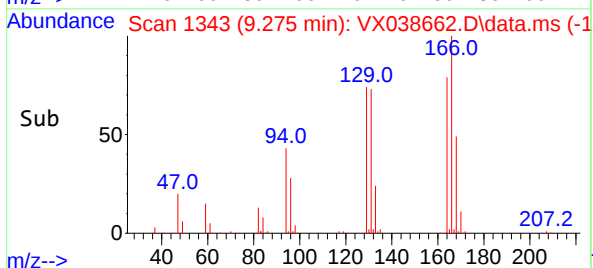
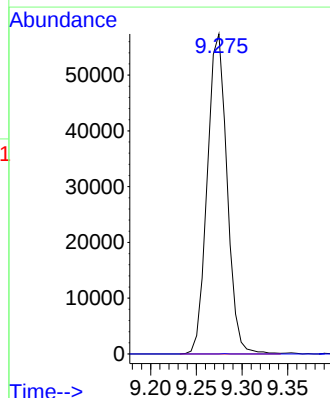
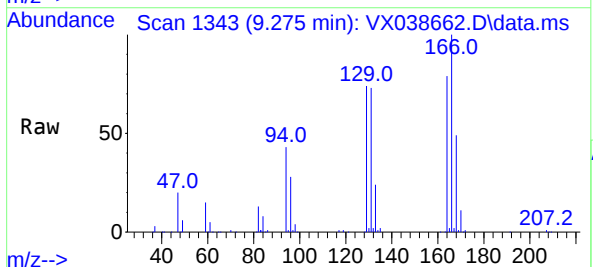
Acq: 08 Nov 2023 17:36

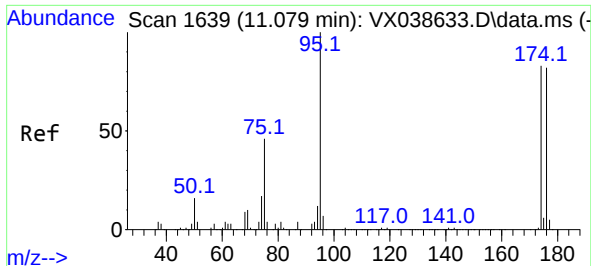
Tgt Ion: 129 Resp: 86083

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

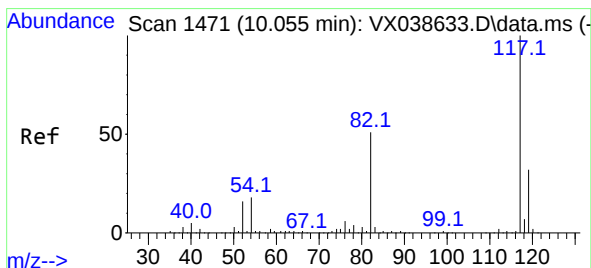
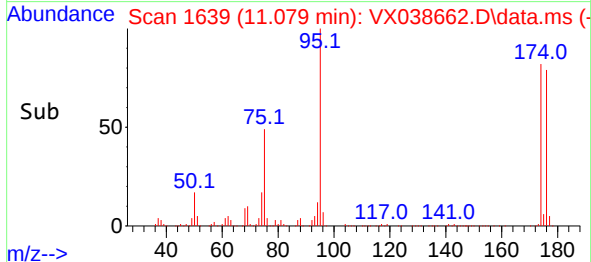
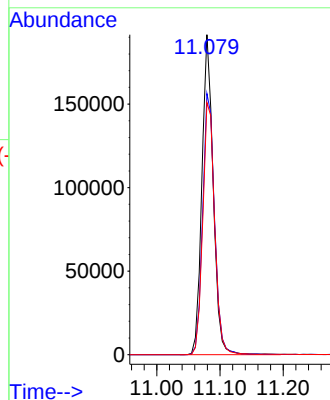
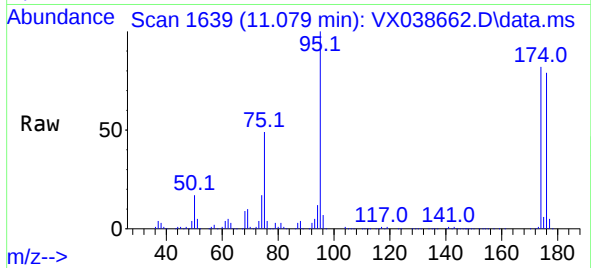




#62
4-Bromofluorobenzene
Concen: 50.991 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

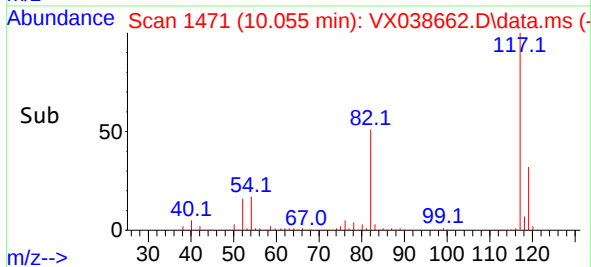
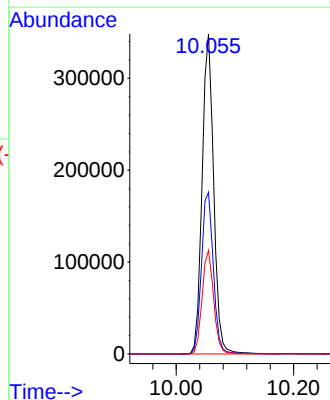
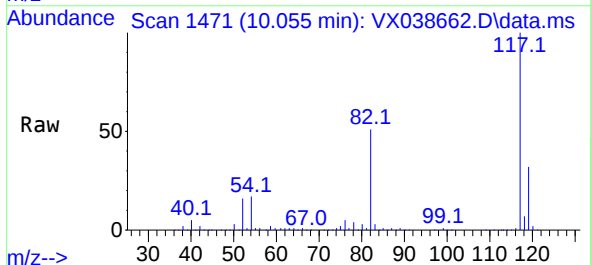
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

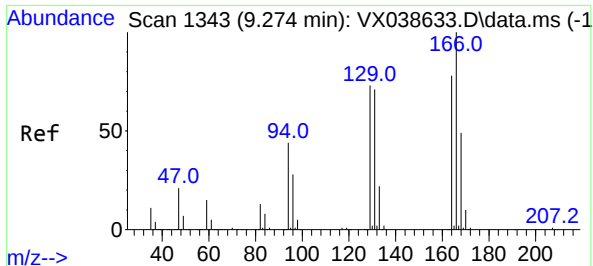
Tgt Ion: 95 Resp: 238703
Ion Ratio Lower Upper
95 100
174 86.0 0.0 135.6
176 82.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion: 117 Resp: 475177
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 32.4 25.5 38.3



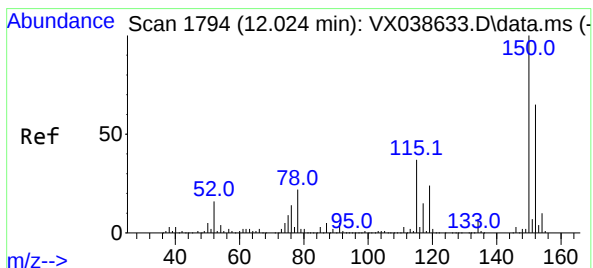
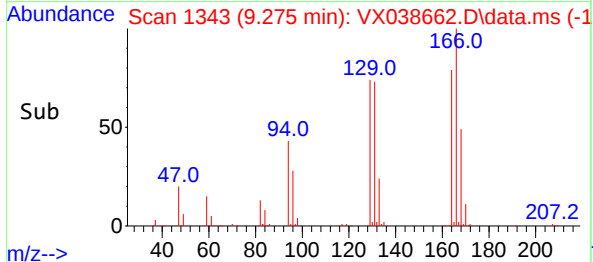
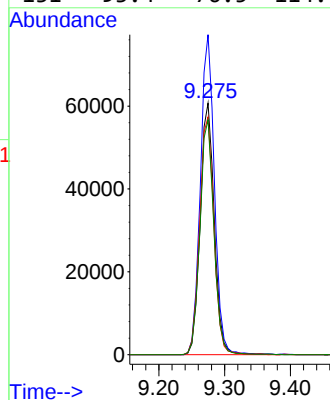
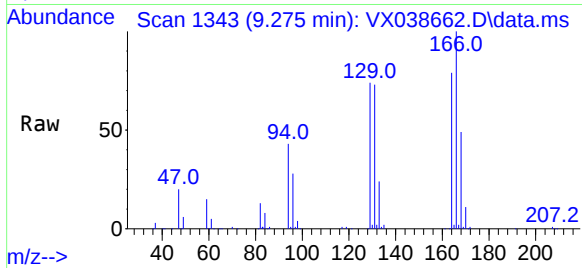


#64
Tetrachloroethene
Concen: 25.341 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

Tgt Ion:164 Resp: 90134

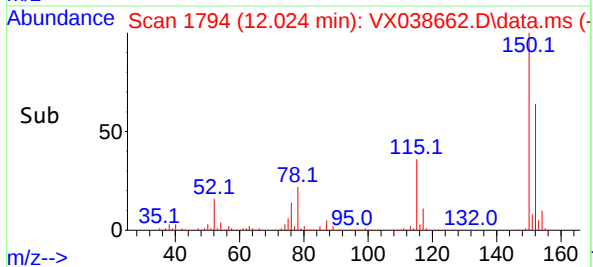
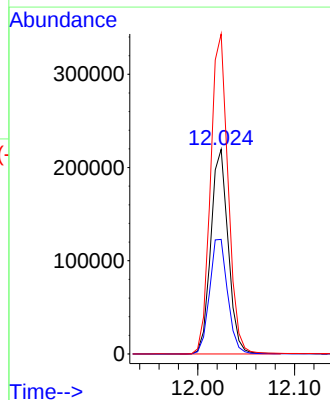
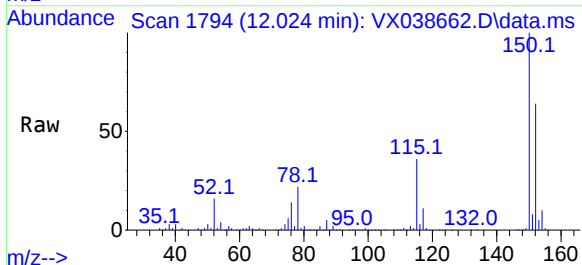
Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.7	154.1
129	94.5	80.4	120.6
131	93.4	76.5	114.7

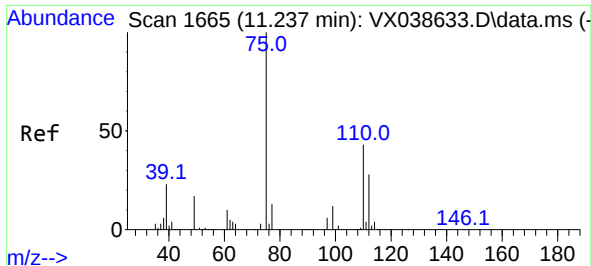


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion:152 Resp: 273768

Ion	Ratio	Lower	Upper
152	100		
115	58.5	43.3	129.9
150	158.6	0.0	345.0

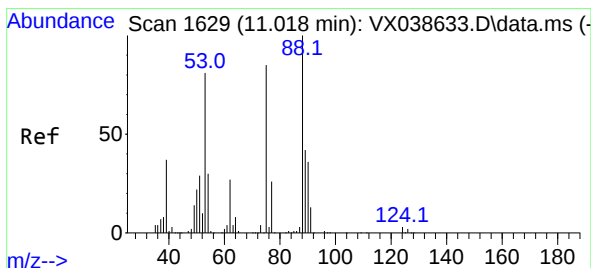
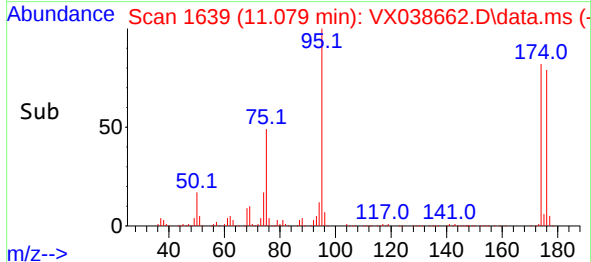
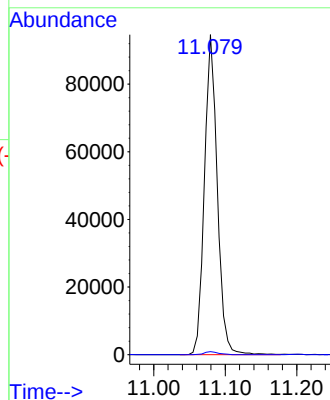
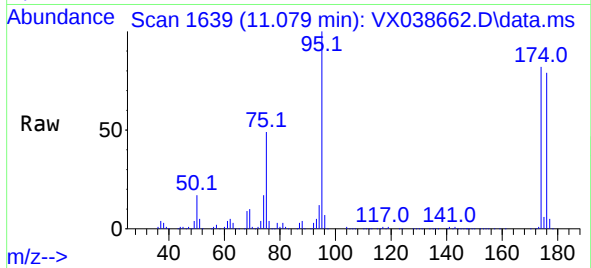




#76
1,2,3-Trichloropropane
Concen: 21.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

Tgt Ion: 75 Resp: 118189
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion: 75 Resp: 118189
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

