

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038677.D
 Acq On : 09 Nov 2023 13:55
 Operator : JC/MD
 Sample : 05223-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-2-20231031

Quant Time: Nov 10 03:38:48 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)

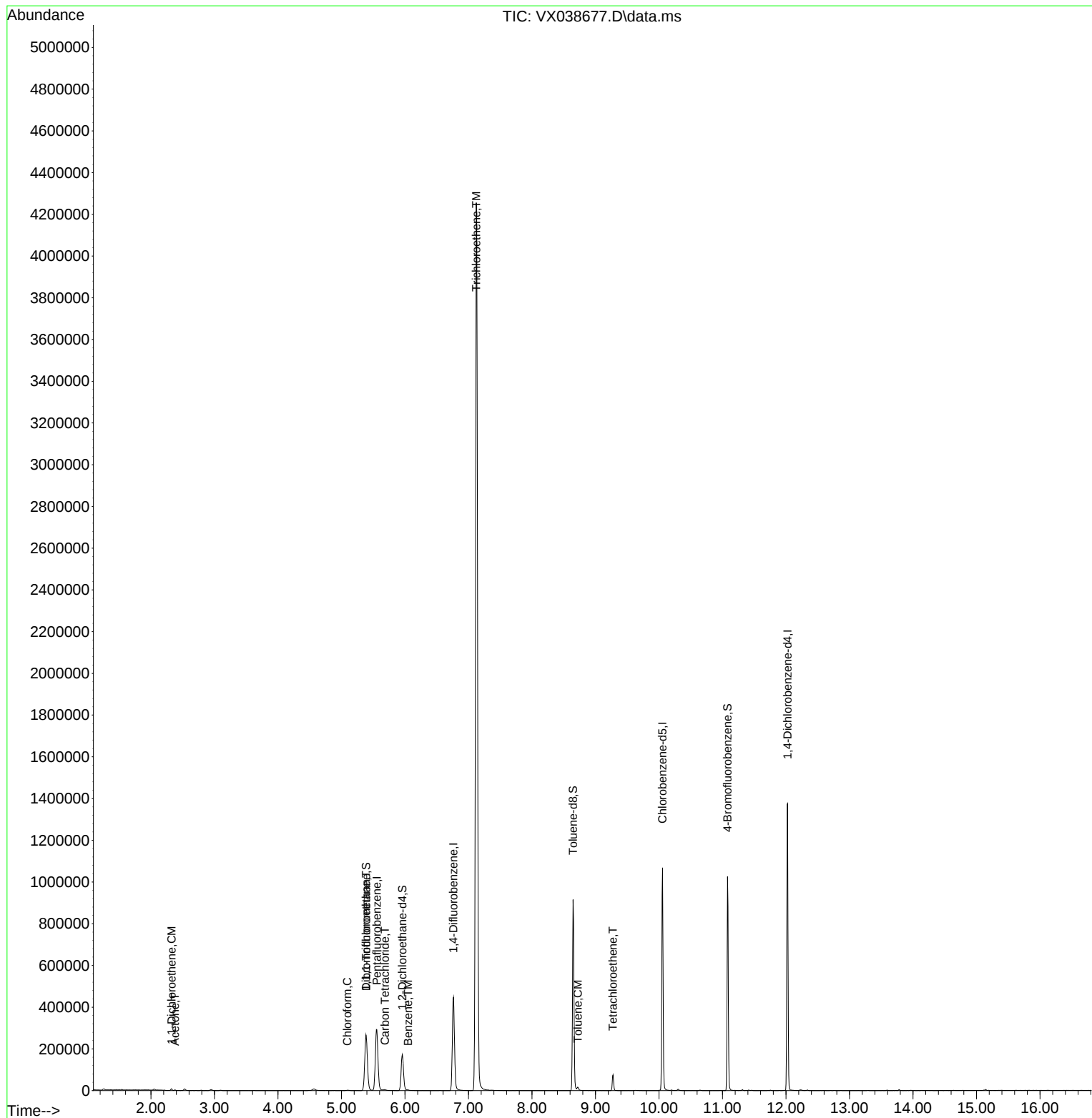
Internal Standards						
1) Pentafluorobenzene	5.556	168	304561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	499309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	323163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174444	46.007	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.020%		
35) Dibromofluoromethane	5.385	113	171156	47.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.180%		
50) Toluene-d8	8.647	98	567224	44.078	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.160%#		
62) 4-Bromofluorobenzene	11.079	95	273865	54.891	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.780%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.325	96	2738	0.963	ug/l	# 72
16) Acetone	2.380	43	3300	2.067	ug/l	# 86
30) Chloroform	5.093	83	2383	0.400	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	73345	13.993	ug/l	96
38) Carbon Tetrachloride	5.684	117	2836	0.568	ug/l	# 89
40) Benzene	6.050	78	3176	0.247	ug/l	94
44) Trichloroethene	7.123	130	1784756	445.817	ug/l	91
52) Toluene	8.720	92	5674	0.673	ug/l	97
64) Tetrachloroethene	9.275	164	15100	3.863	ug/l	94

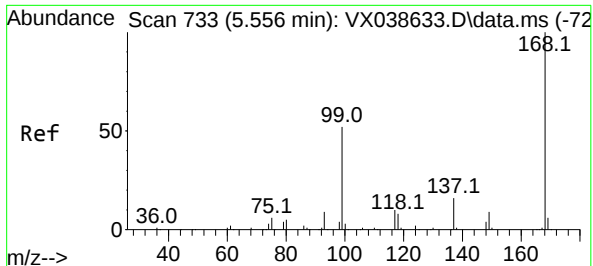
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FSND-FD-2-20231031

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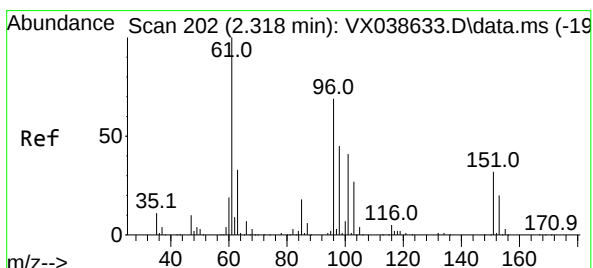
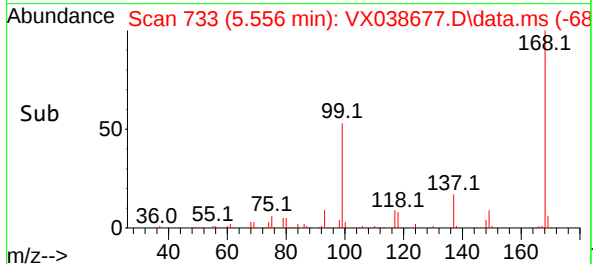
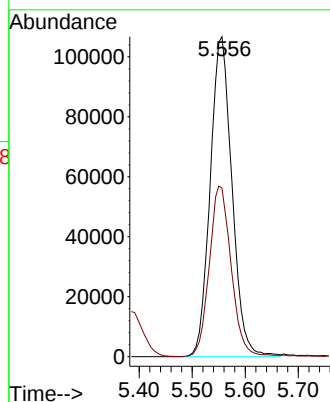
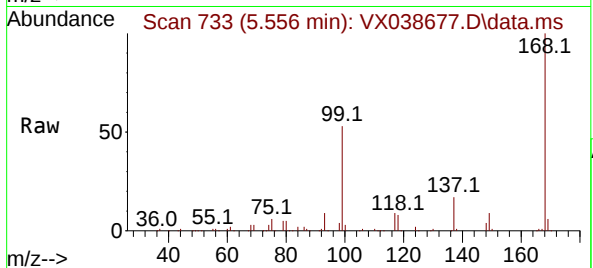




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

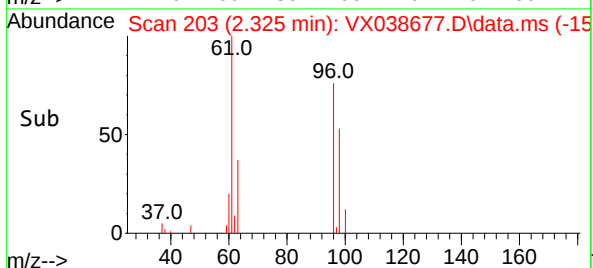
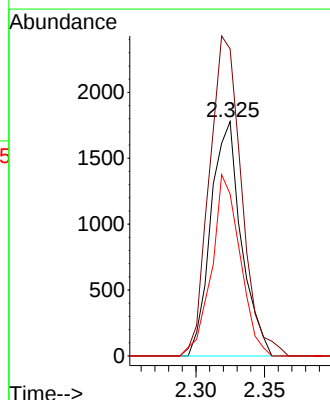
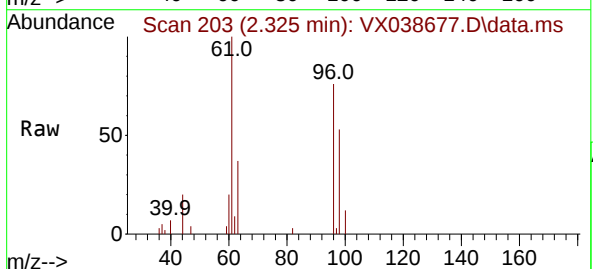
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-2-20231031

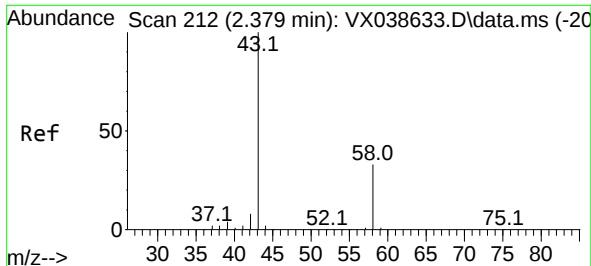
Tgt Ion:168 Resp: 304561
Ion Ratio Lower Upper
168 100
99 52.7 56.6 85.0#



#12
1,1-Dichloroethene
Concen: 0.963 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

Tgt Ion: 96 Resp: 2738
Ion Ratio Lower Upper
96 100
61 131.0 144.6 216.8#
98 69.1 50.4 75.6

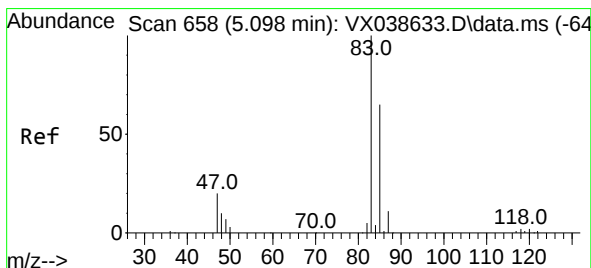
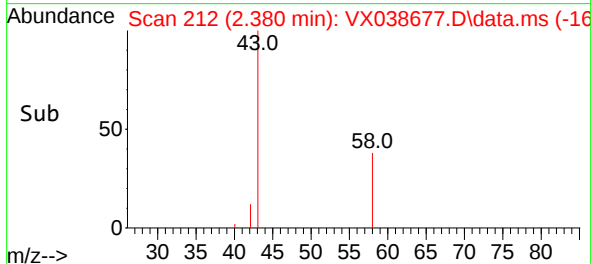
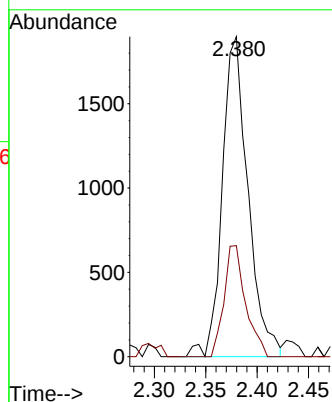
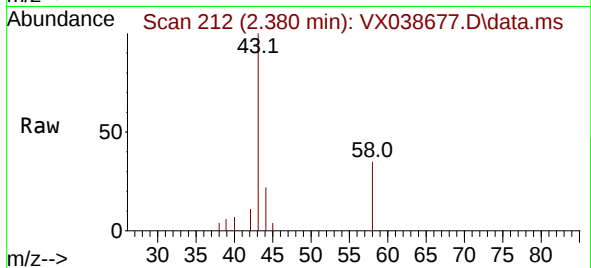




#16
Acetone
Concen: 2.067 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

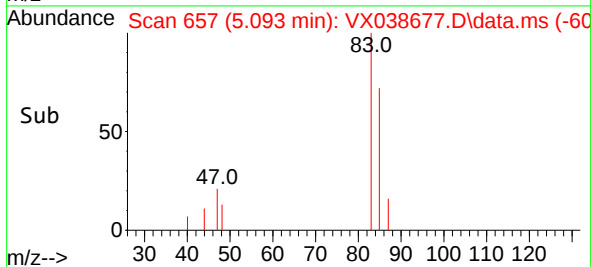
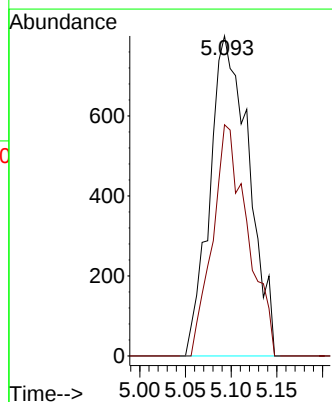
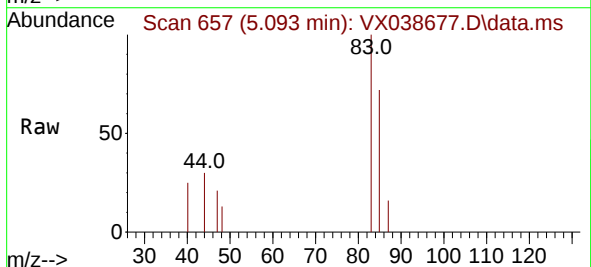
Instrument :
MSVOA_X
ClientSampleId :
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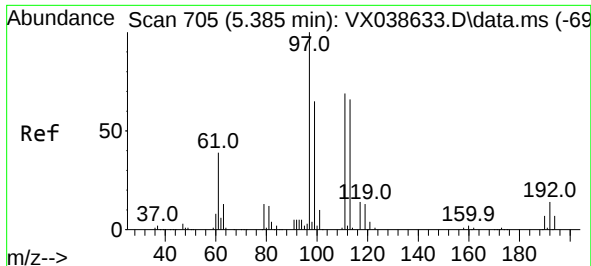
Tgt Ion: 43 Resp: 3300
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#



#30
Chloroform
Concen: 0.400 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

Tgt Ion: 83 Resp: 2383
Ion Ratio Lower Upper
83 100
85 72.3 50.3 75.5

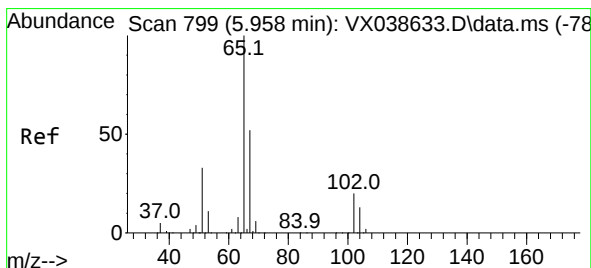
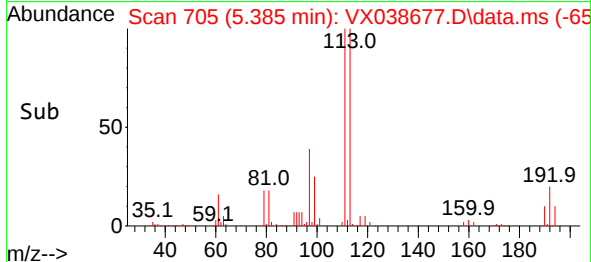
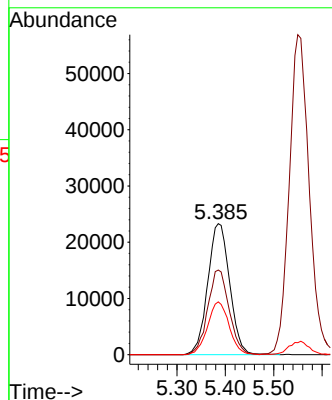
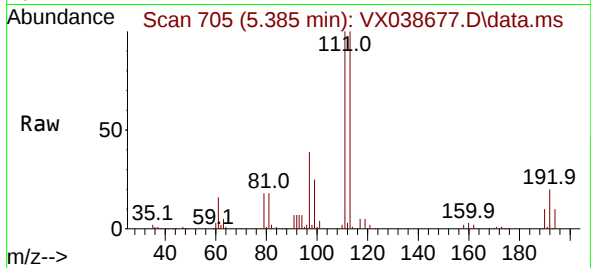




#32
 1,1,1-Trichloroethane
 Concen: 13.993 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038677.D
 Acq: 09 Nov 2023 13:55

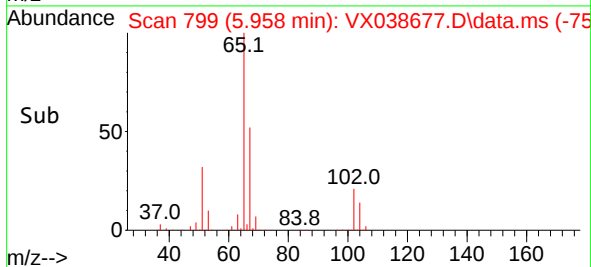
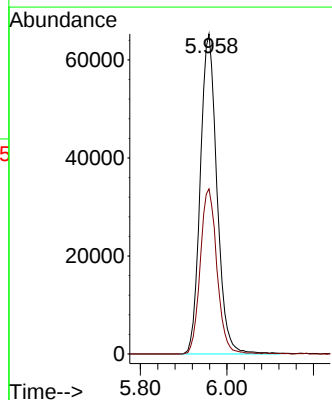
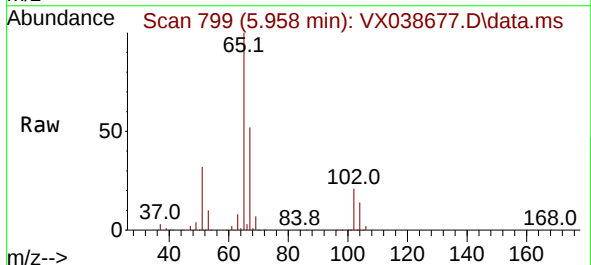
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-2-20231031

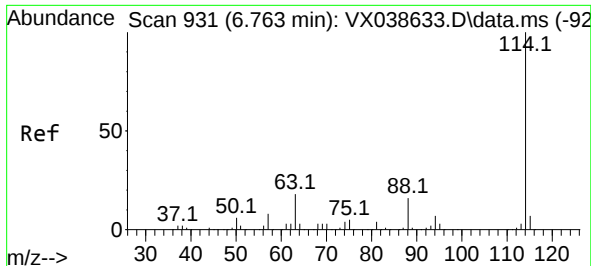
Tgt Ion: 97 Resp: 73345
 Ion Ratio Lower Upper
 97 100
 99 63.1 51.1 76.7
 61 39.6 36.4 54.6



#33
 1,2-Dichloroethane-d4
 Concen: 46.007 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038677.D
 Acq: 09 Nov 2023 13:55

Tgt Ion: 65 Resp: 174444
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2

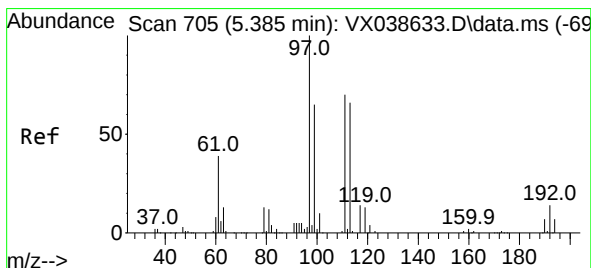
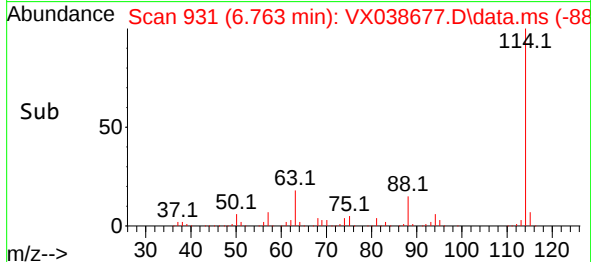
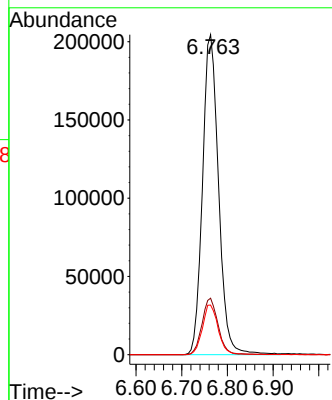
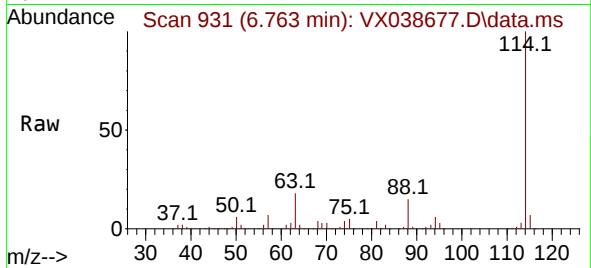




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

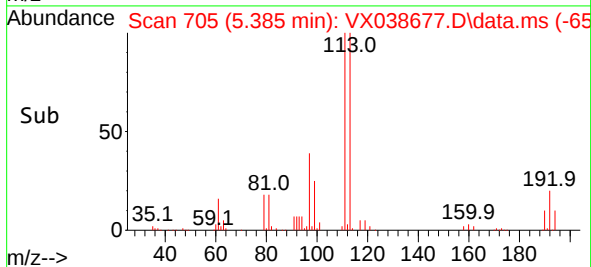
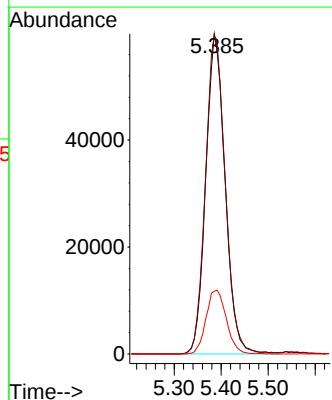
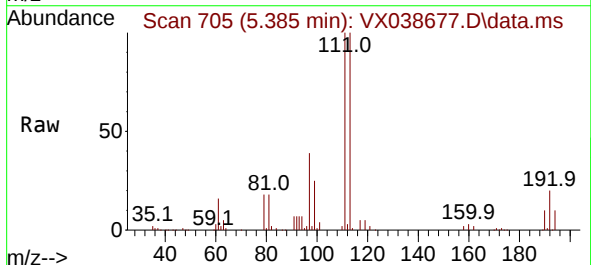
Instrument :
MSVOA_X
ClientSampleId :
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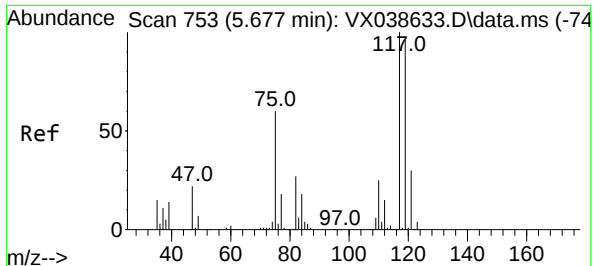
Tgt Ion:114 Resp: 499309
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.594 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

Tgt Ion:113 Resp: 171156
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 21.0 13.3 19.9#

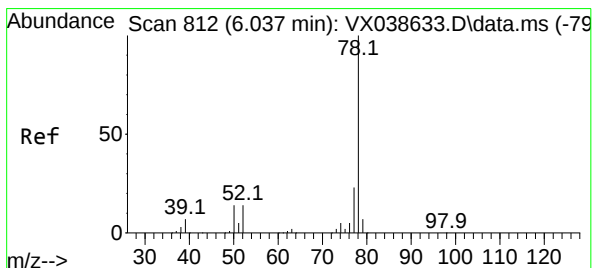
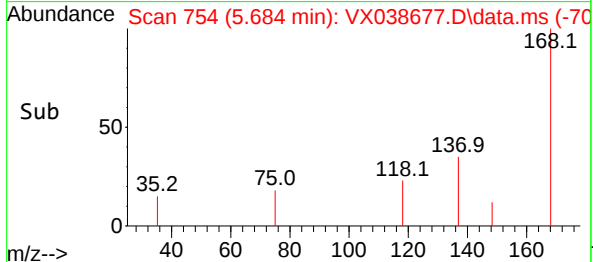
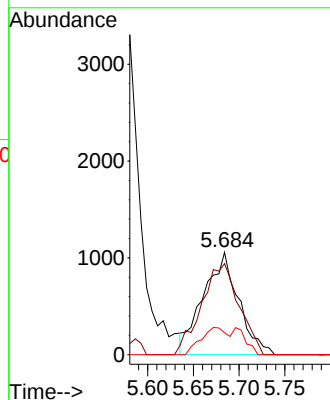
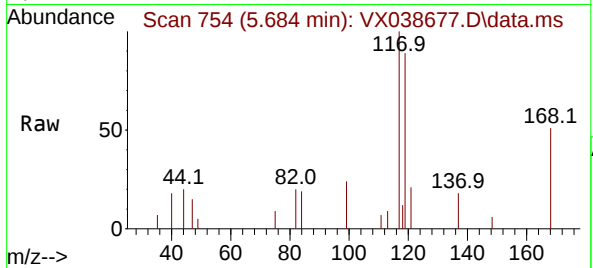




#38
Carbon Tetrachloride
Concen: 0.568 ug/l
RT: 5.684 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

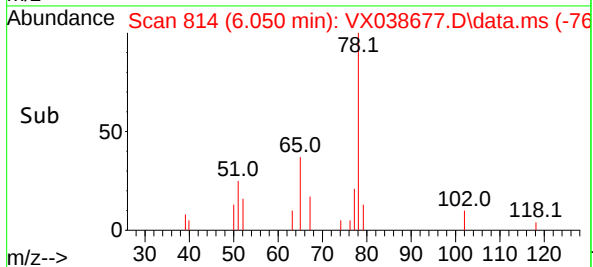
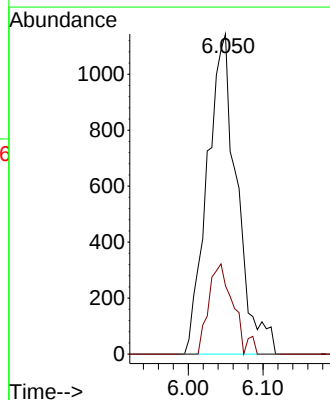
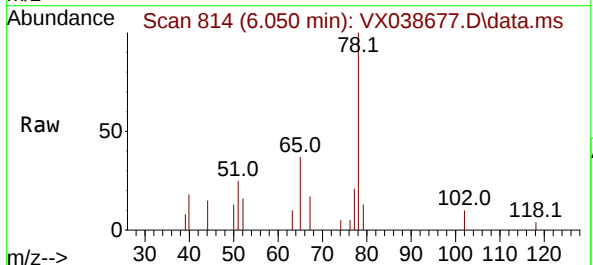
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ClientSampleId :
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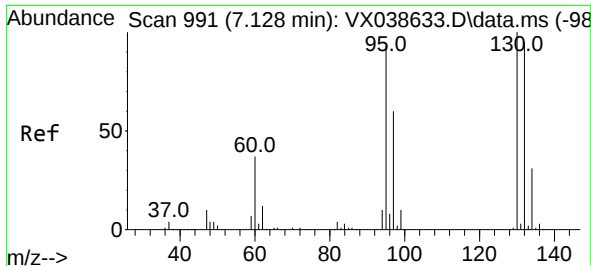
Tgt Ion:117 Resp: 2836
Ion Ratio Lower Upper
117 100
119 88.9 78.2 117.2
121 21.5 24.4 36.6#



#40
Benzene
Concen: 0.247 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.013 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

Tgt Ion: 78 Resp: 3176
Ion Ratio Lower Upper
78 100
77 21.3 19.3 28.9

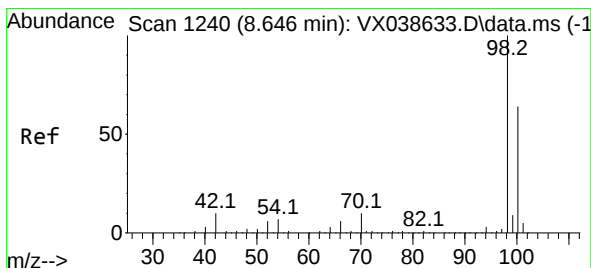
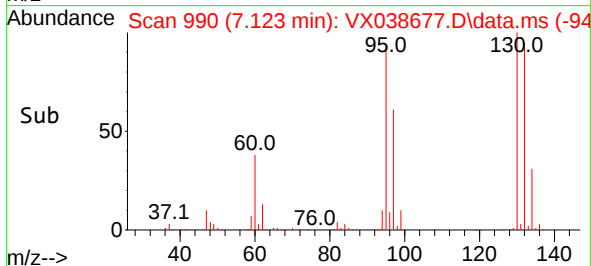
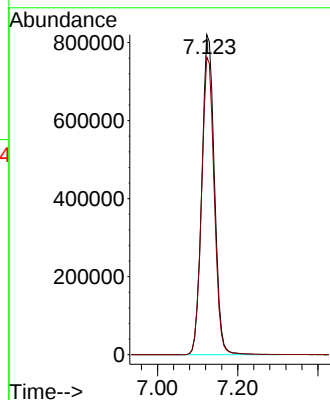
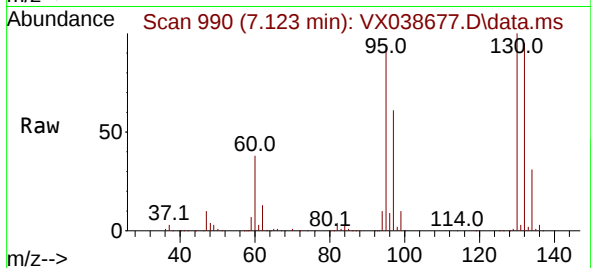




#44
Trichloroethene
Concen: 445.817 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

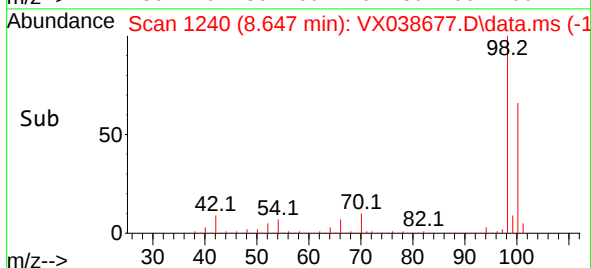
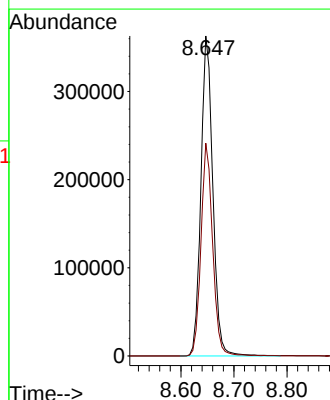
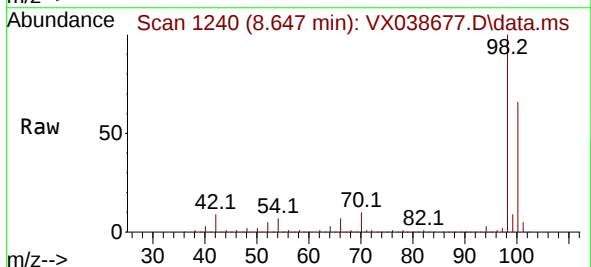
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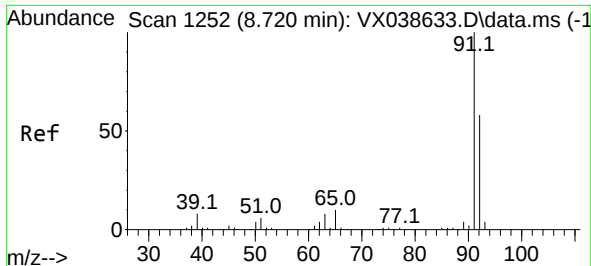
Tgt Ion:130 Resp: 1784756
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.4



#50
Toluene-d8
Concen: 44.078 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

Tgt Ion: 98 Resp: 567224
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

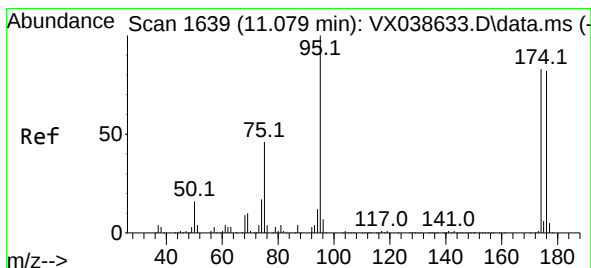
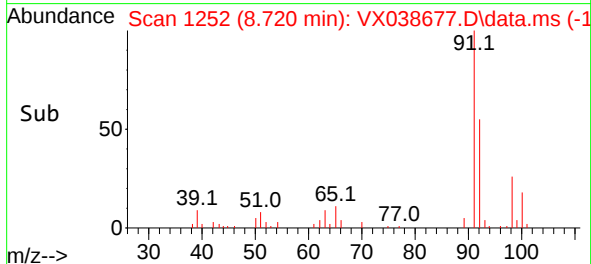
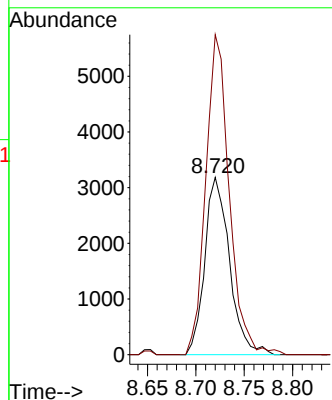
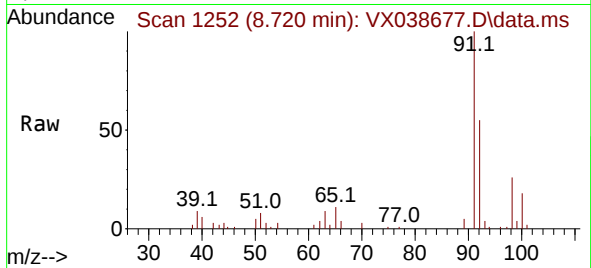




#52
Toluene
Concen: 0.673 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

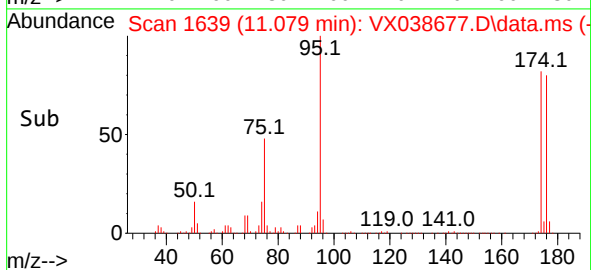
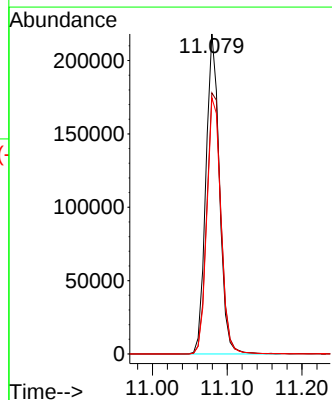
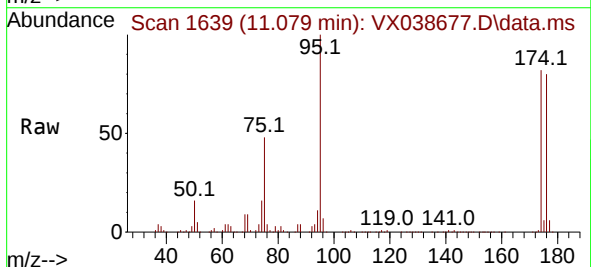
Instrument :
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ClientSampleId :
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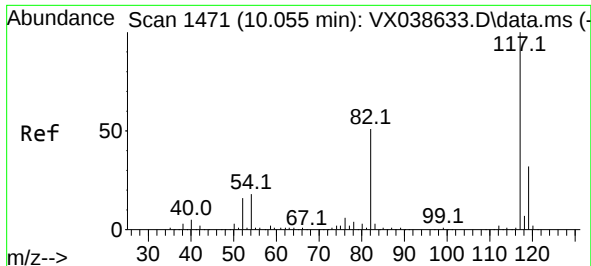
Tgt Ion: 92 Resp: 5674
Ion Ratio Lower Upper
92 100
91 171.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 54.891 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

Tgt Ion: 95 Resp: 273865
Ion Ratio Lower Upper
95 100
174 86.2 0.0 135.6
176 82.9 0.0 131.0

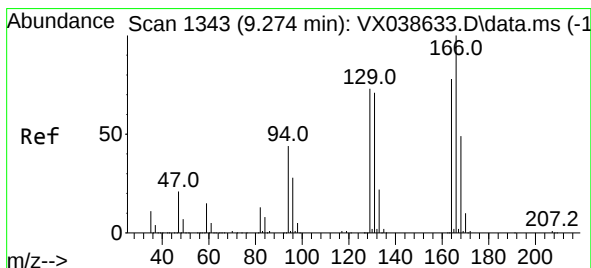
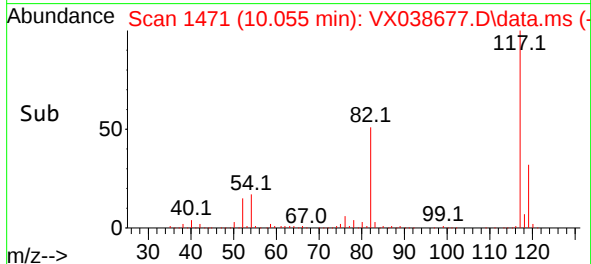
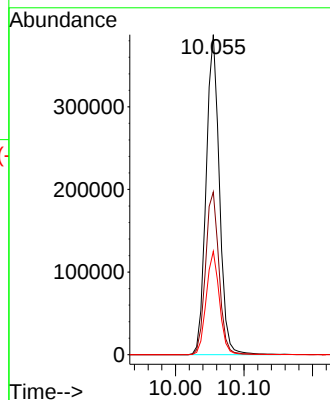
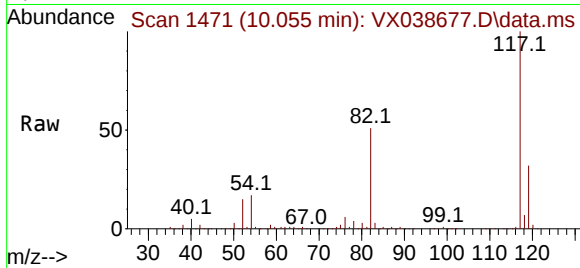




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

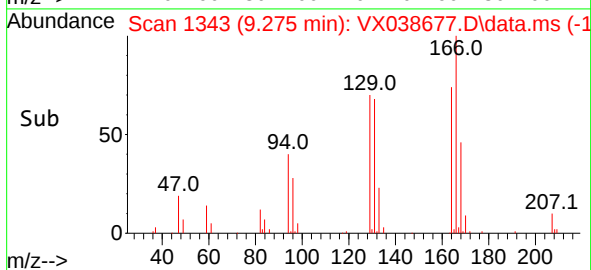
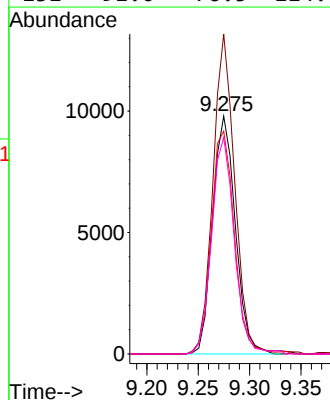
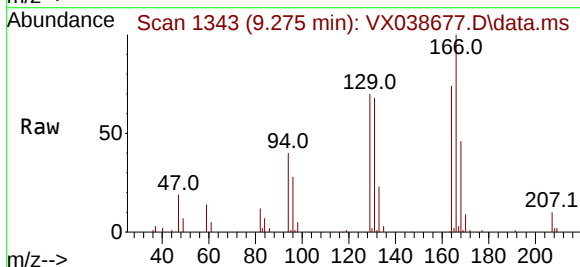
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-2-20231031

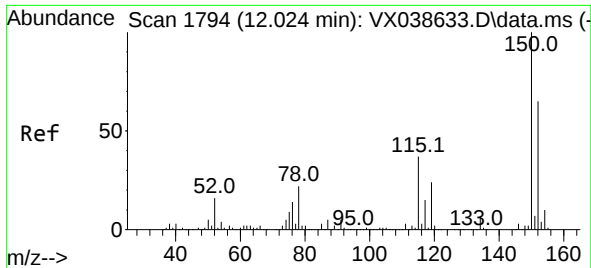
Tgt Ion:117 Resp: 522219
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 3.863 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038677.D
Acq: 09 Nov 2023 13:55

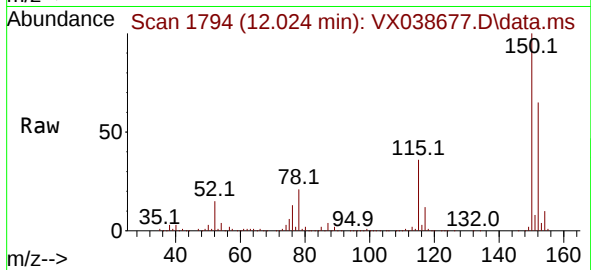
Tgt Ion:164 Resp: 15100
Ion Ratio Lower Upper
164 100
166 134.5 102.7 154.1
129 93.7 80.4 120.6
131 91.0 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038677.D
 Acq: 09 Nov 2023 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-2-20231031



Tgt Ion:152 Resp: 323163
 Ion Ratio Lower Upper
 152 100
 115 57.8 43.3 129.9
 150 155.3 0.0 345.0

