Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
Data File : VX028660.D
Acq On : 12 May 2022 23:52
Operator : JC/MD
Sample : N2811-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Quant Time: May 13 02:51:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	220864	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	417795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166269	54.919	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.840%			
35) Dibromofluoromethane	5.391	113	138502	50.597	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.200%			
50) Toluene-d8	8.653	98	509541	49.373	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.740%			
62) 4-Bromofluorobenzene	11.079	95	187079	48.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.060%			
Target Compounds						Qvalue
16) Acetone	2.380	43	2427	1.868	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	3644	1.212	ug/l	98
30) Chloroform	5.099	83	1493	0.303	ug/l #	73
44) Trichloroethene	7.129	130	4849	1.513	ug/l	95
64) Tetrachloroethene	9.275	164	50034	16.518	ug/l	97

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

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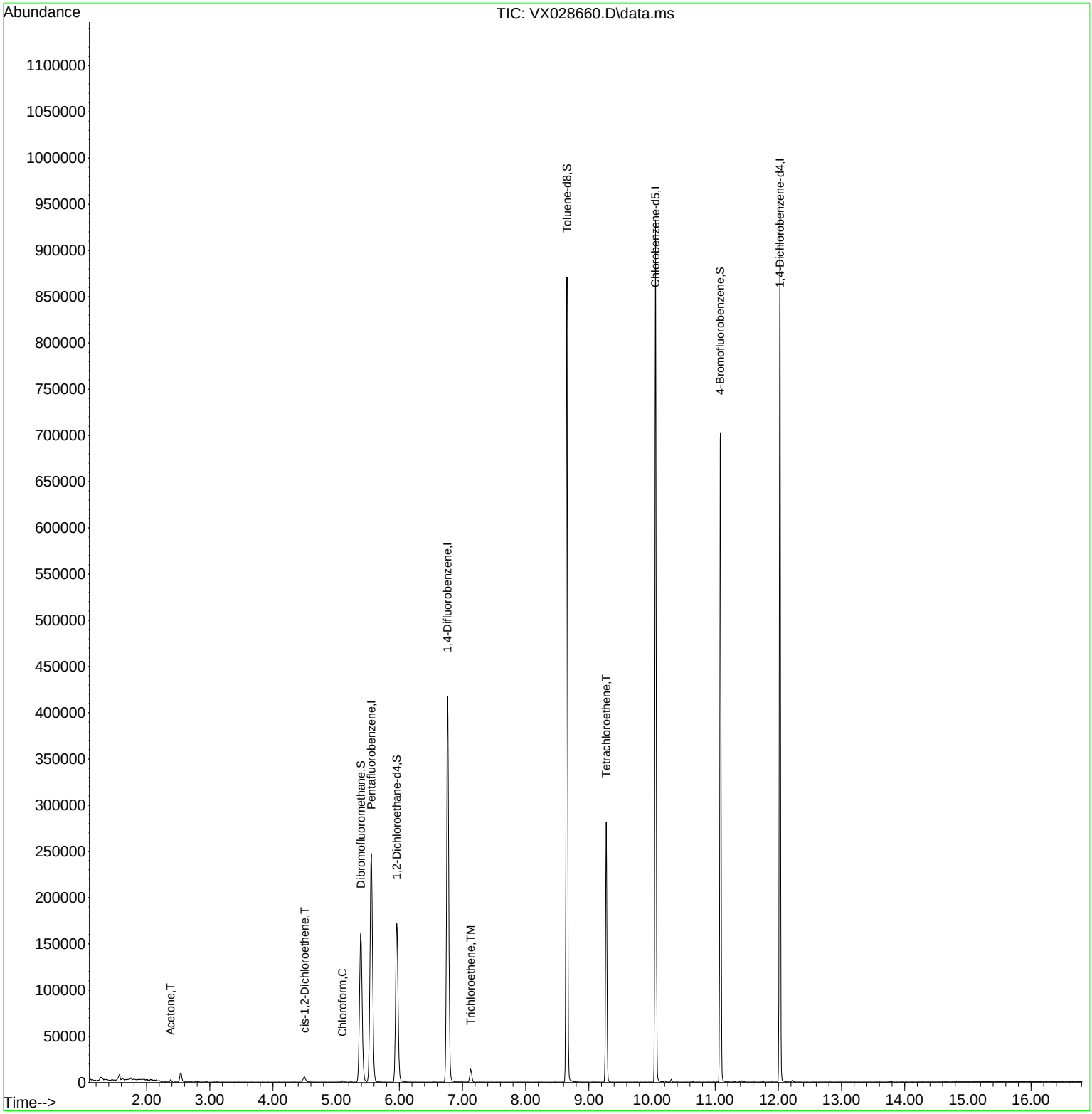
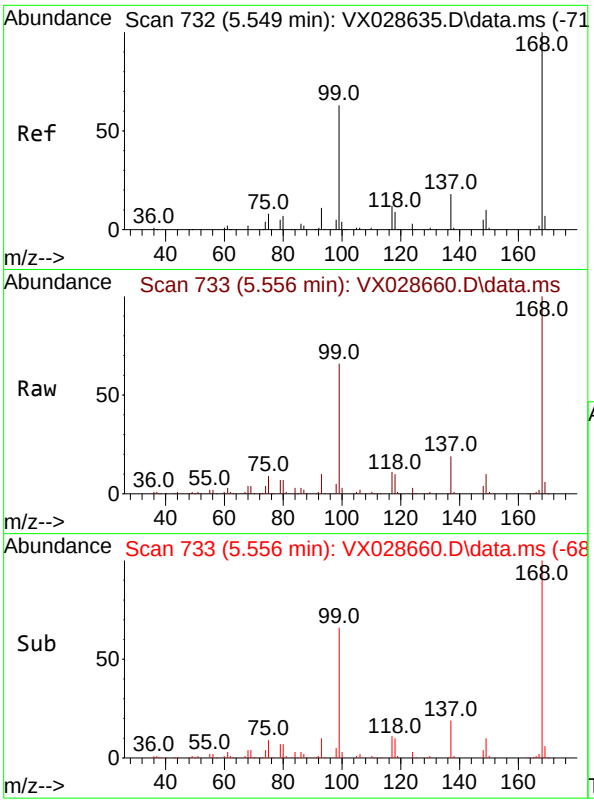


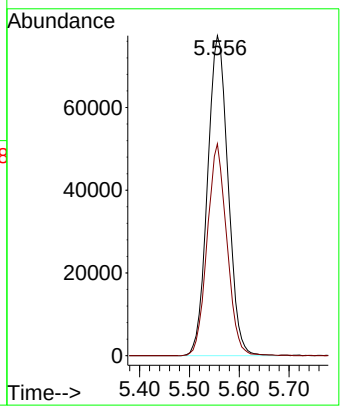


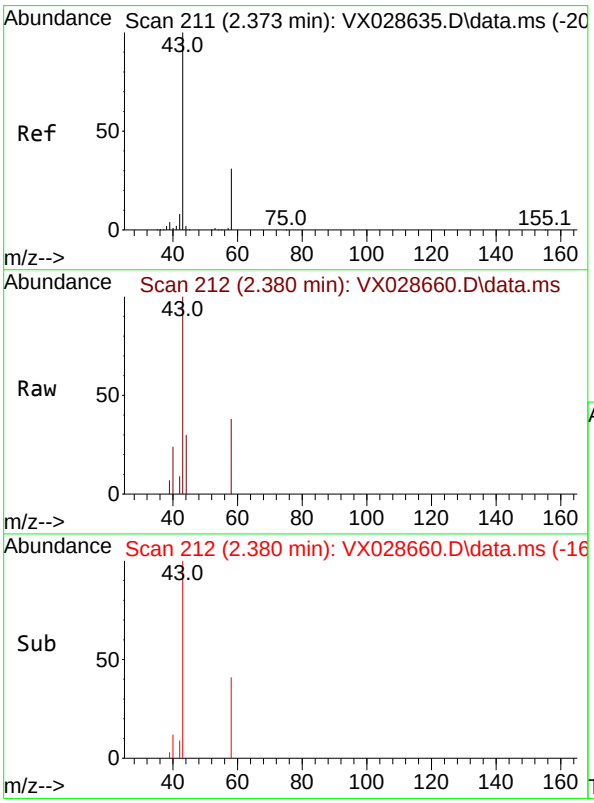
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:168 Resp: 220864

Ion	Ratio	Lower	Upper
168	100		
99	66.2	41.7	62.5#

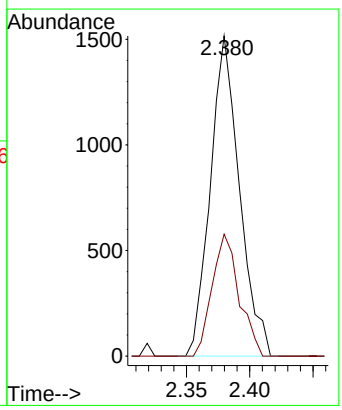


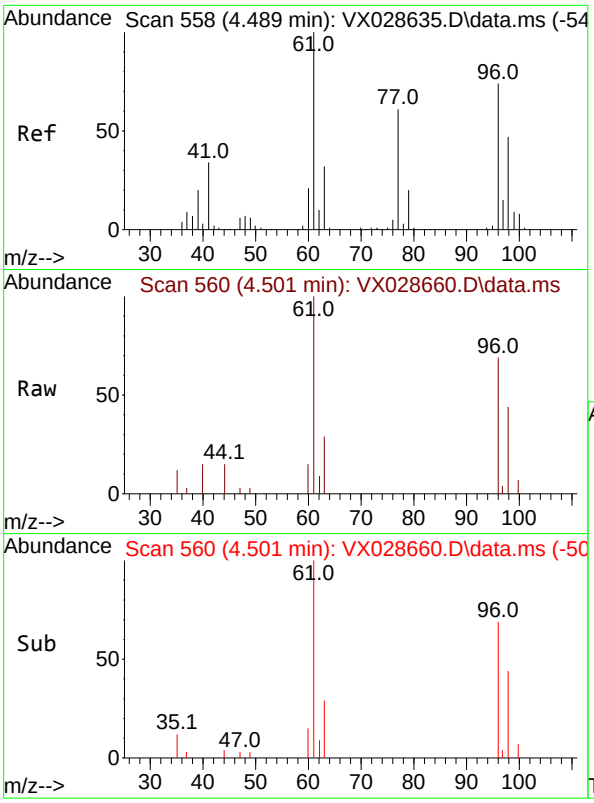


#16
Acetone
Concen: 1.868 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 43 Resp: 2427

Ion	Ratio	Lower	Upper
43	100		
58	38.1	28.8	43.2



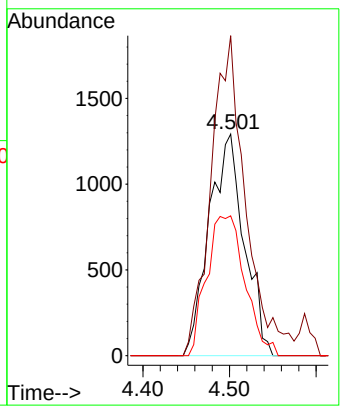


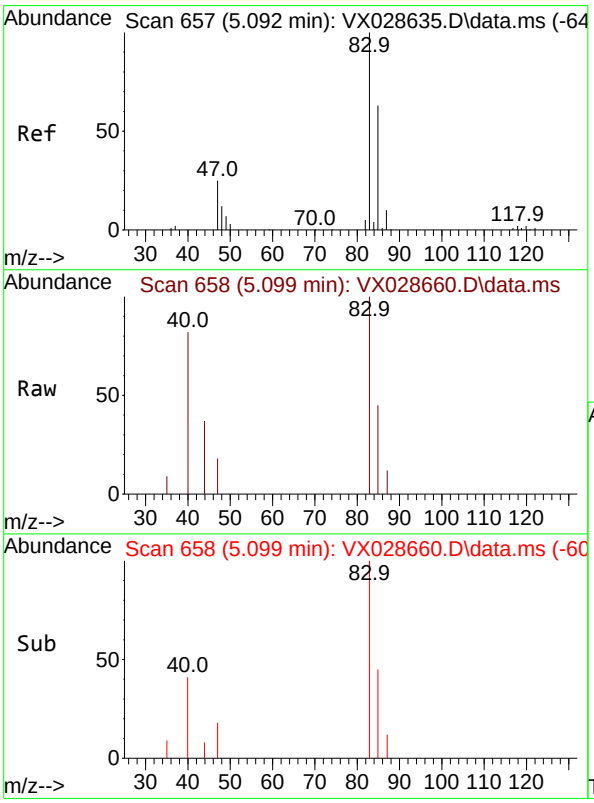
#27
cis-1,2-Dichloroethene
Concen: 1.212 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 96 Resp: 3644

Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	283.8
98	68.7	0.0	129.8

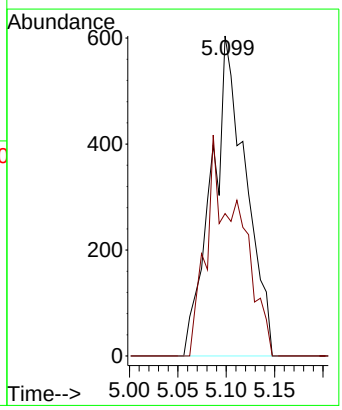


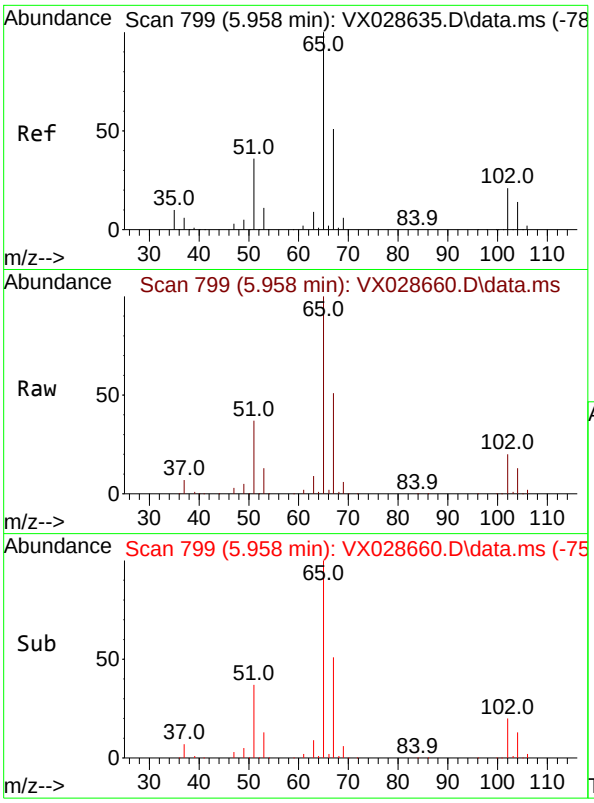


#30
Chloroform
Concen: 0.303 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 83 Resp: 1493

Ion	Ratio	Lower	Upper
83	100		
85	44.5	52.7	79.1#



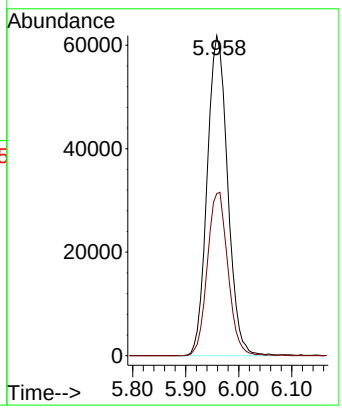


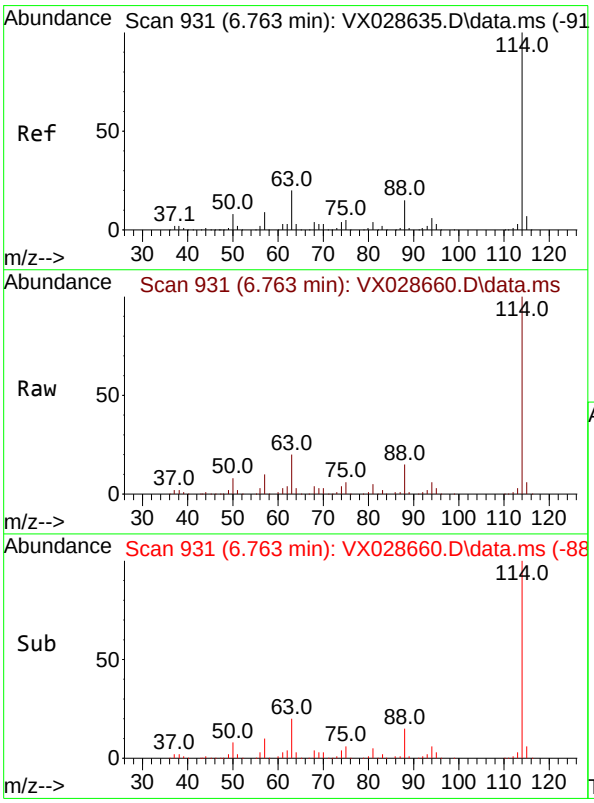
#33
1,2-Dichloroethane-d4
Concen: 54.919 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 65 Resp: 166269

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	107.4

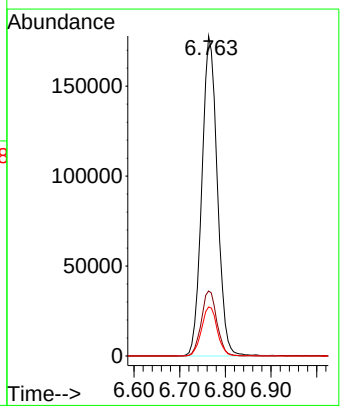


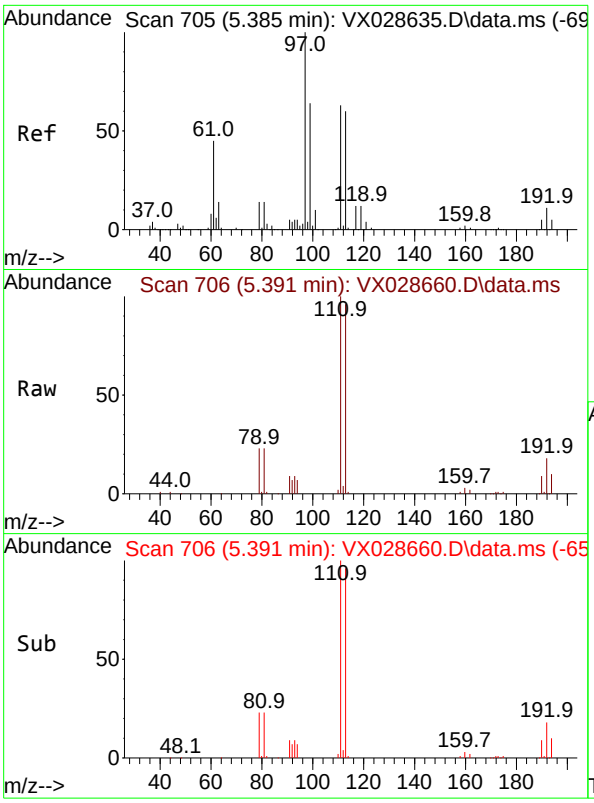


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion:114 Resp: 417795

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	36.8
88	15.3	0.0	32.4



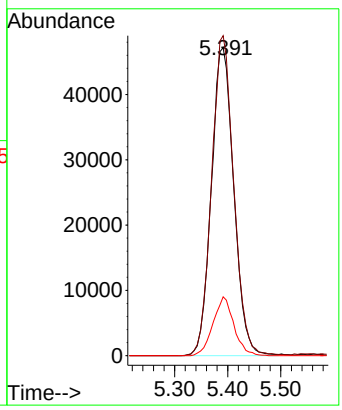


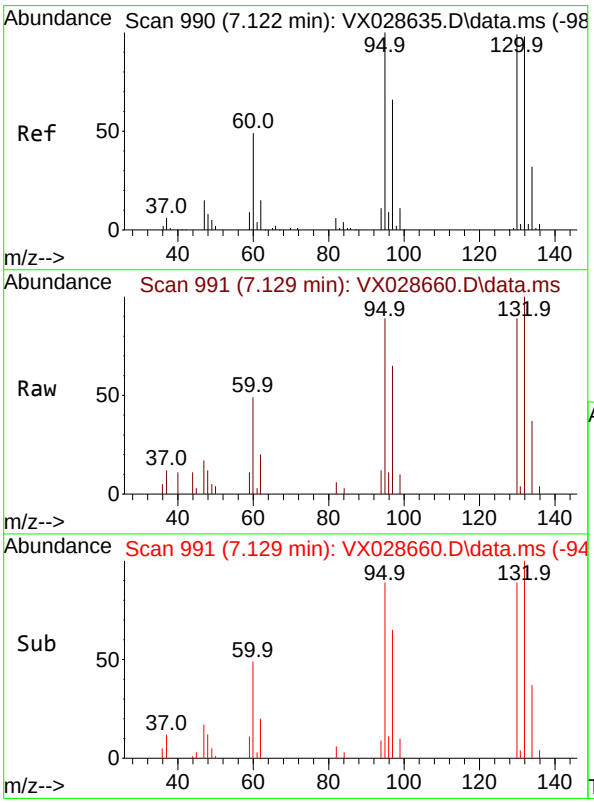
#35
Dibromofluoromethane
Concen: 50.597 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:113 Resp: 138502

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	17.8	16.9	25.3

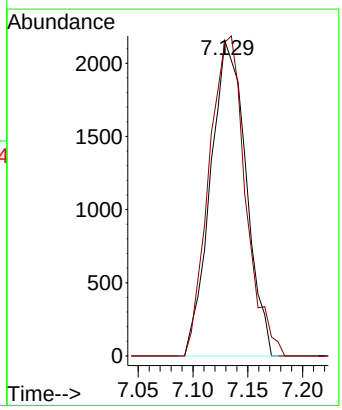


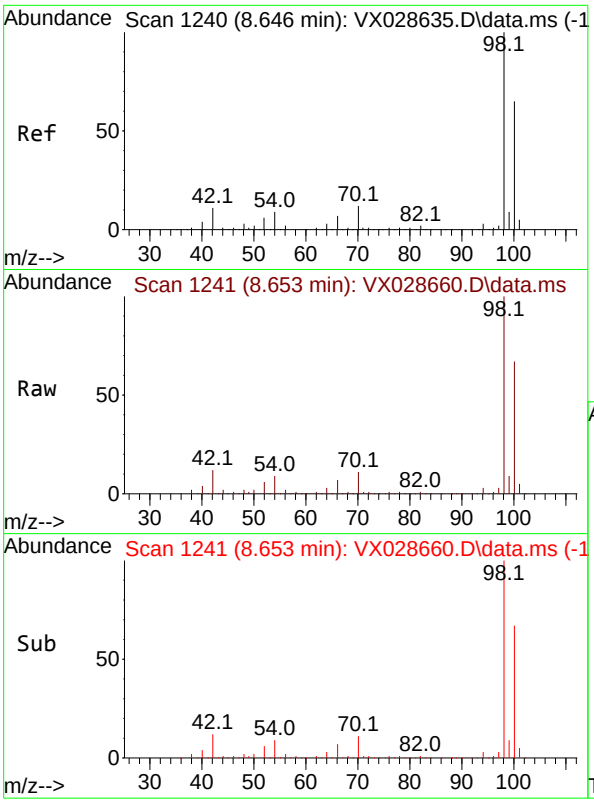


#44
Trichloroethene
Concen: 1.513 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion:130 Resp: 4849

Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	188.8



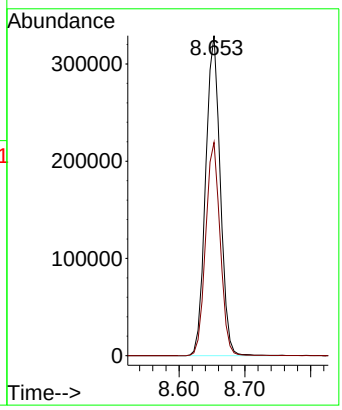


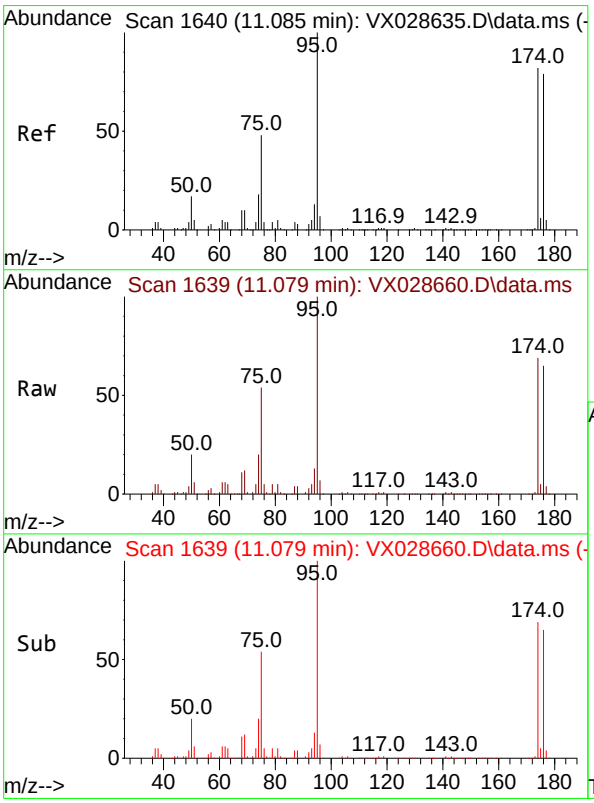
#50
Toluene-d8
Concen: 49.373 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 98 Resp: 509541

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8

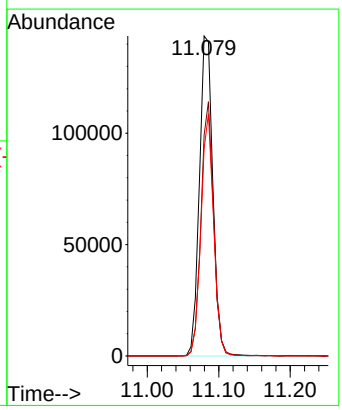


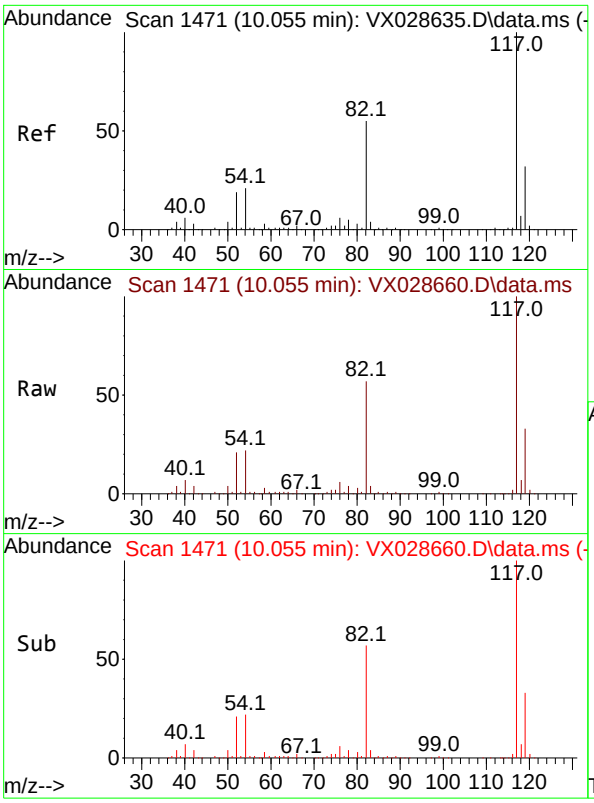


#62
4-Bromofluorobenzene
Concen: 48.533 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 95 Resp: 187079

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	163.0
176	71.6	0.0	155.0



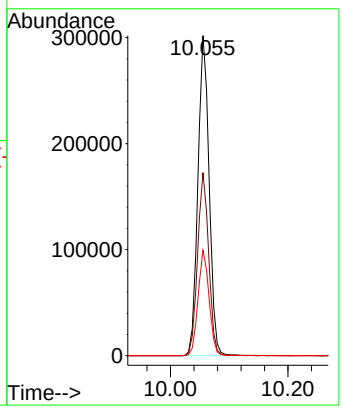


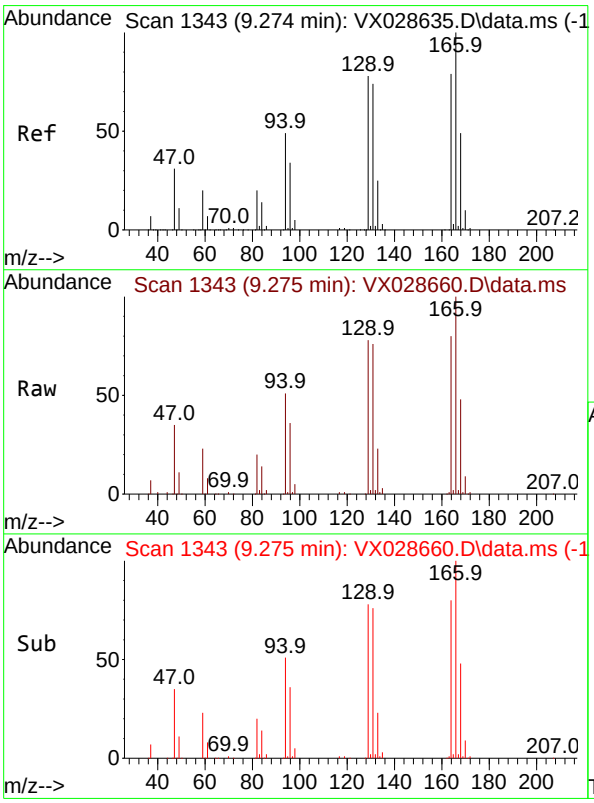
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:117 Resp: 401108

Ion	Ratio	Lower	Upper
117	100		
82	57.2	41.8	62.8
119	33.0	24.8	37.2

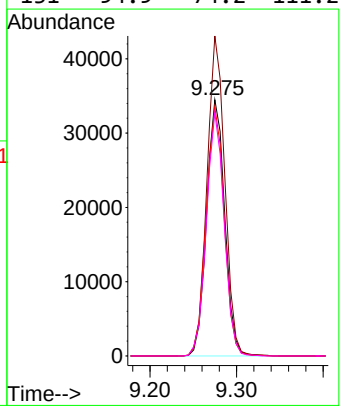


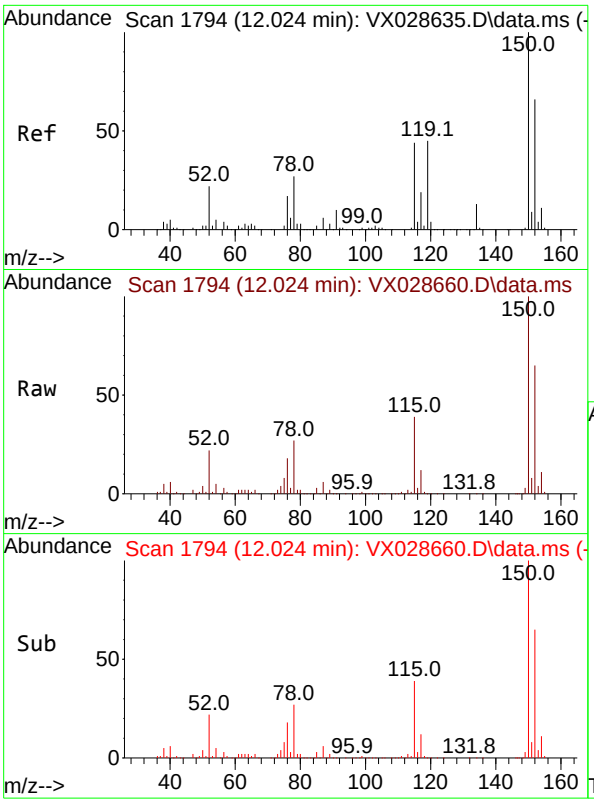


#64
Tetrachloroethene
Concen: 16.518 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion:164 Resp: 50034

Ion	Ratio	Lower	Upper
164	100		
166	124.9	101.2	151.8
129	97.2	73.0	109.4
131	94.9	74.2	111.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 179775

Ion	Ratio	Lower	Upper
152	100		
115	61.5	37.5	112.7
150	156.7	0.0	338.2