Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
Data File : VX038700.D
Acq On : 10 Nov 2023 03:31
Operator : JC/MD
Sample : 05316-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1979

Quant Time: Nov 10 05:27:38 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	5.550	168	291378	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	482835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	283767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167248	46.105	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.200%			
35) Dibromofluoromethane	5.385	113	156720	45.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.140%			
50) Toluene-d8	8.647	98	574239	46.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.300%			
62) 4-Bromofluorobenzene	11.079	95	239807	49.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.400%			
Target Compounds						Qvalue
16) Acetone	2.380	43	5279	3.455	ug/l #	81
68) m/p-Xylenes	10.305	106	2870	0.419	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	3530	0.238	ug/l	99
95) Naphthalene	13.780	128	6402	0.333	ug/l	96

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

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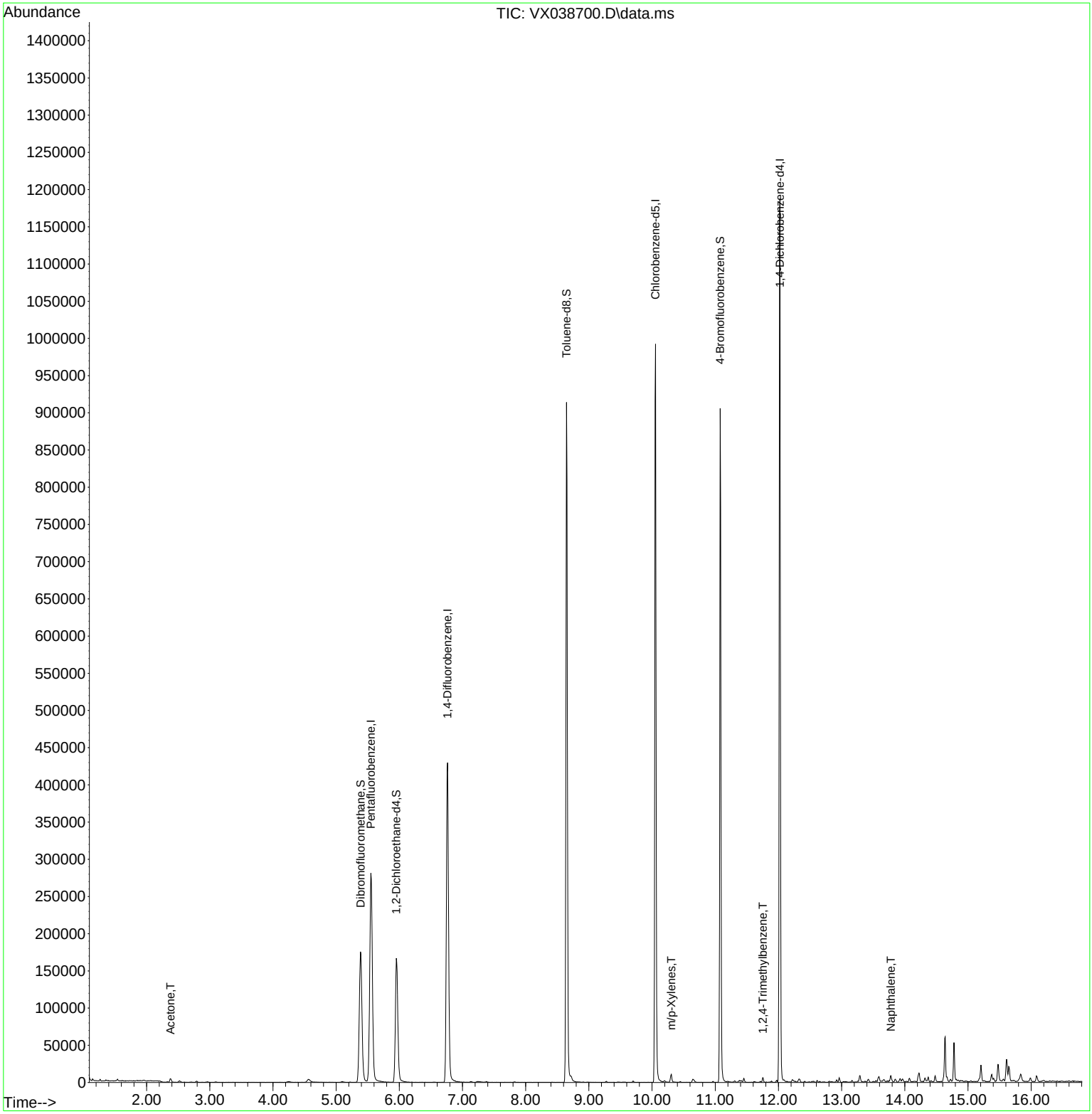
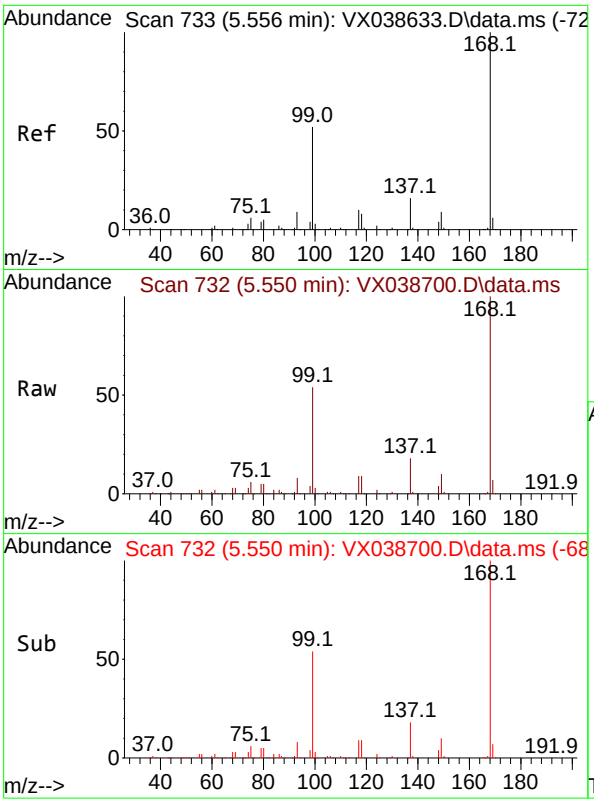


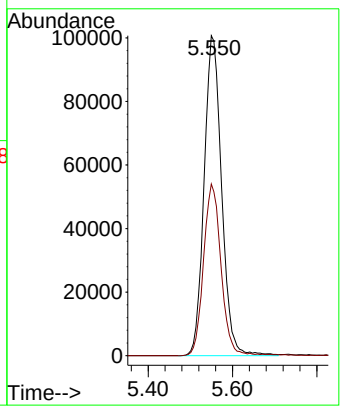


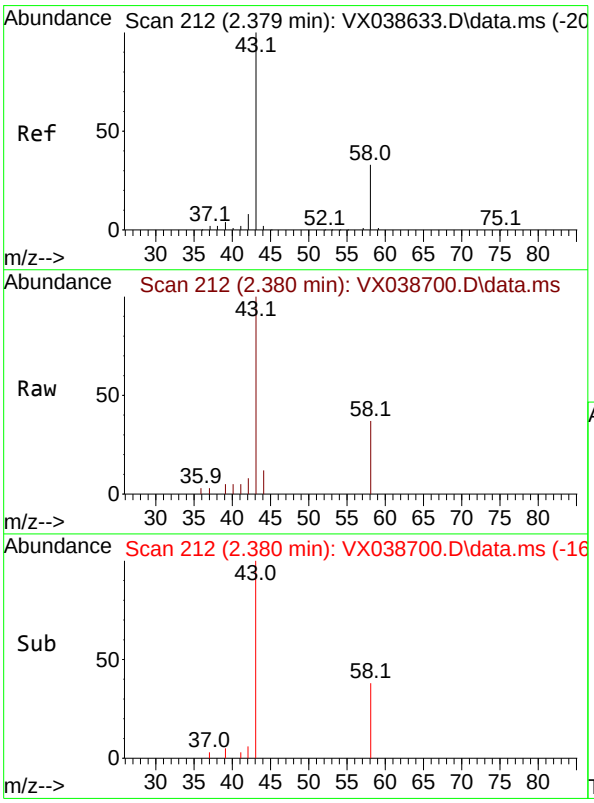
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Instrument :
MSVOA_X
ClientSampleId :
NWB-1979

Tgt Ion:168 Resp: 291378

Ion	Ratio	Lower	Upper
168	100		
99	53.7	56.6	85.0#

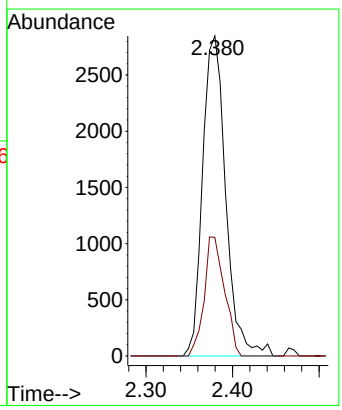


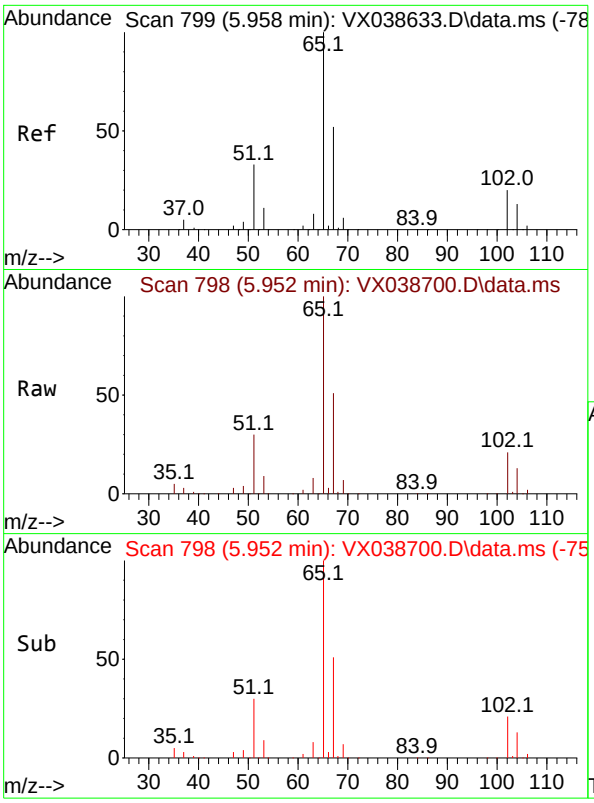


#16
Acetone
Concen: 3.455 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion: 43 Resp: 5279

Ion	Ratio	Lower	Upper
43	100		
58	37.0	21.9	32.9#



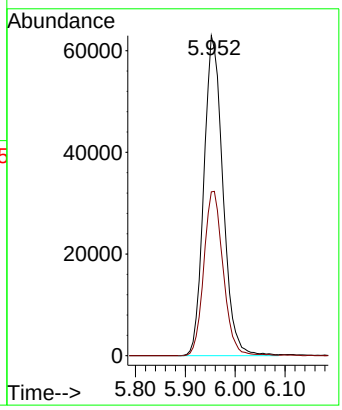


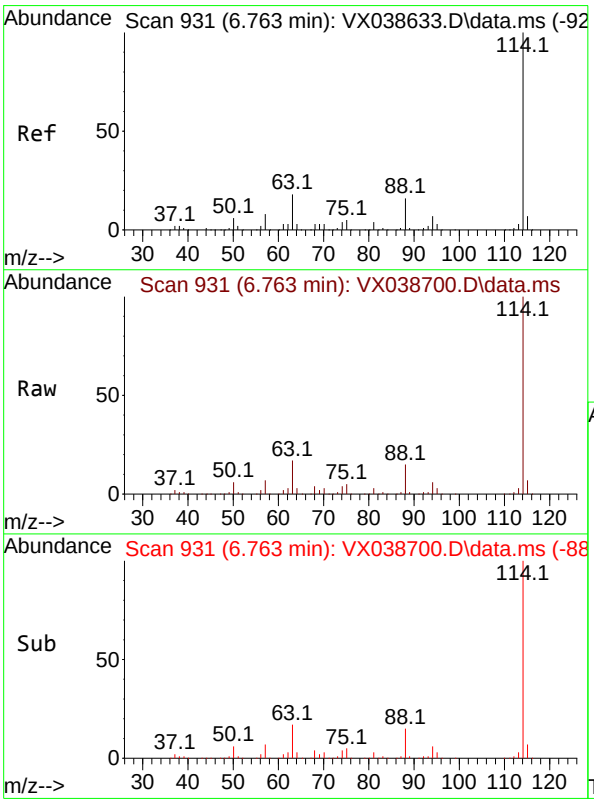
#33
1,2-Dichloroethane-d4
Concen: 46.105 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Instrument :
MSVOA_X
ClientSampleId :
NWB-1979

Tgt Ion: 65 Resp: 167248

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	100.2

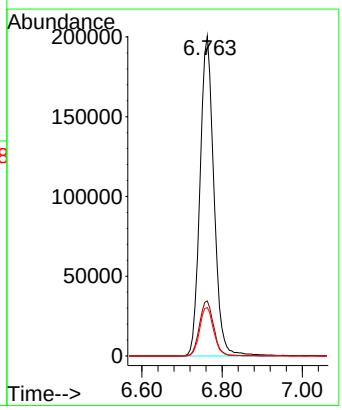


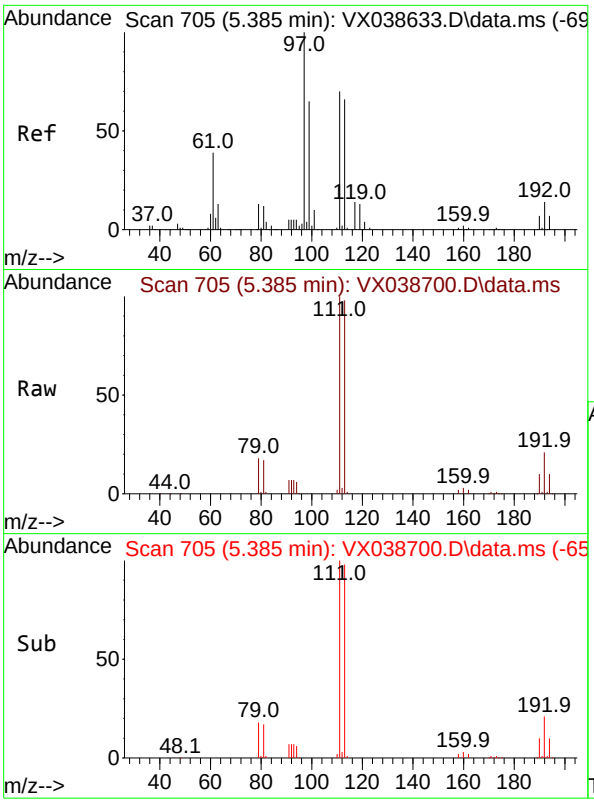


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion:114 Resp: 482835

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	45.0
88	15.1	0.0	36.6



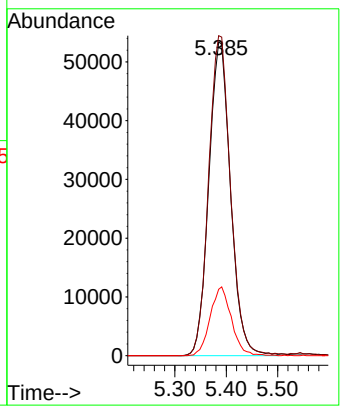


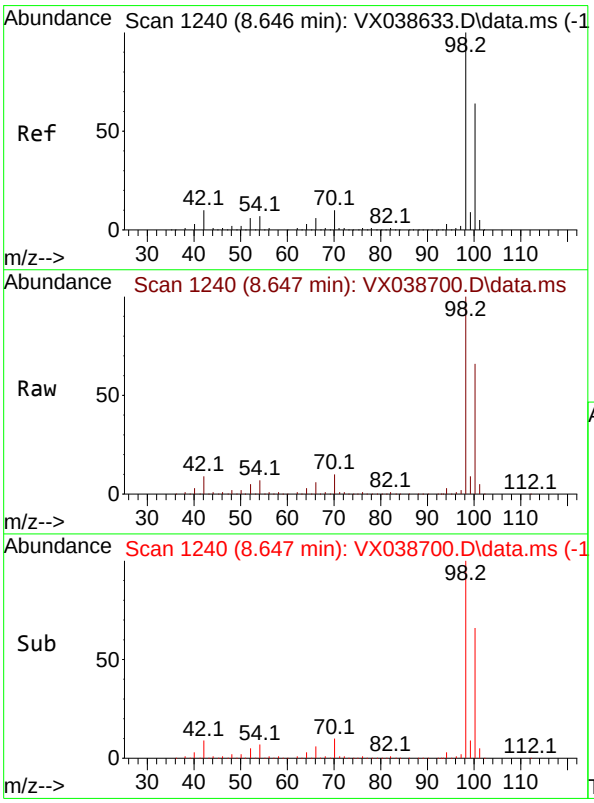
#35
Dibromofluoromethane
Concen: 45.067 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Instrument :
MSVOA_X
ClientSampleId :
NWB-1979

Tgt Ion:113 Resp: 156720

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	21.5	13.3	19.9#

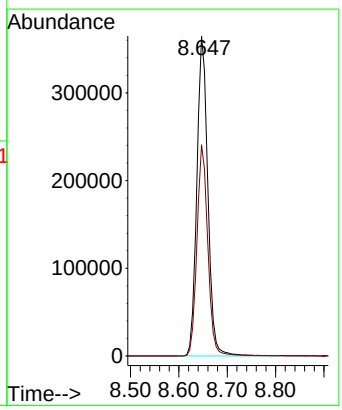


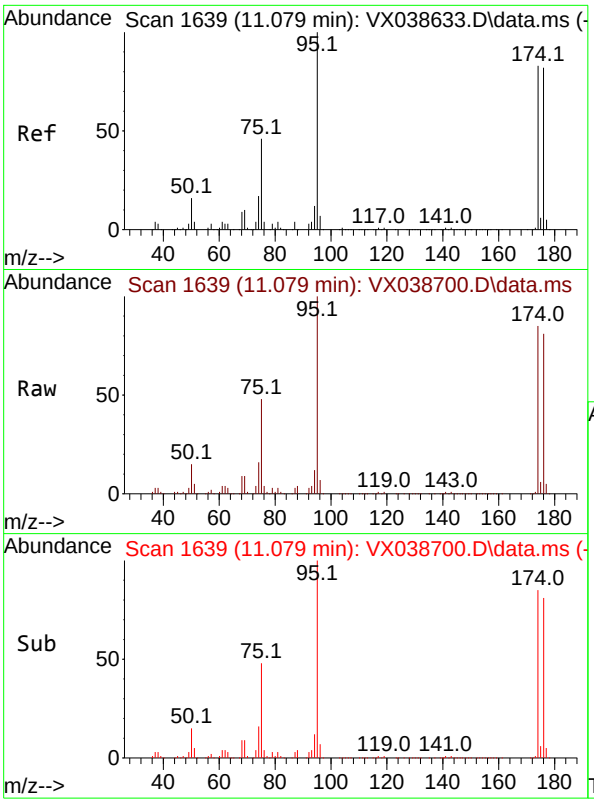


#50
Toluene-d8
Concen: 46.146 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion: 98 Resp: 574239

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7



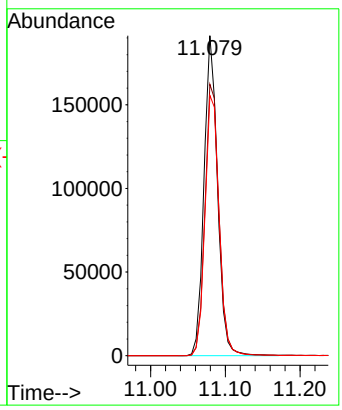


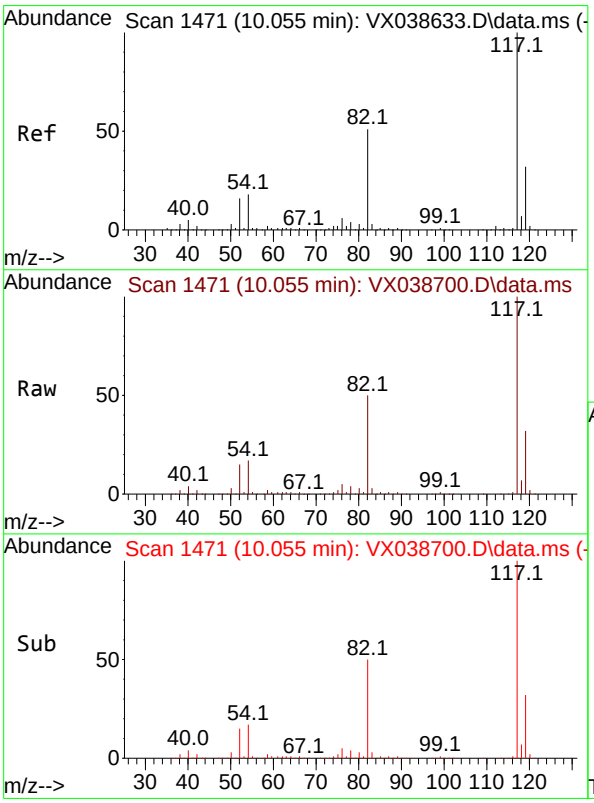
#62
4-Bromofluorobenzene
Concen: 49.704 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Instrument :
MSVOA_X
ClientSampleId :
NWB-1979

Tgt Ion: 95 Resp: 239807

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	135.6
176	85.4	0.0	131.0

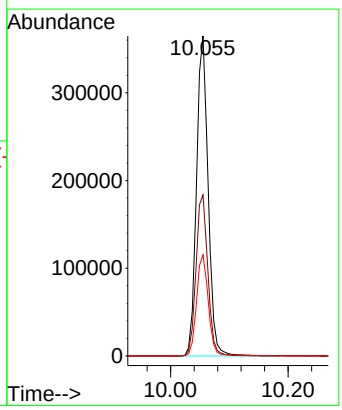


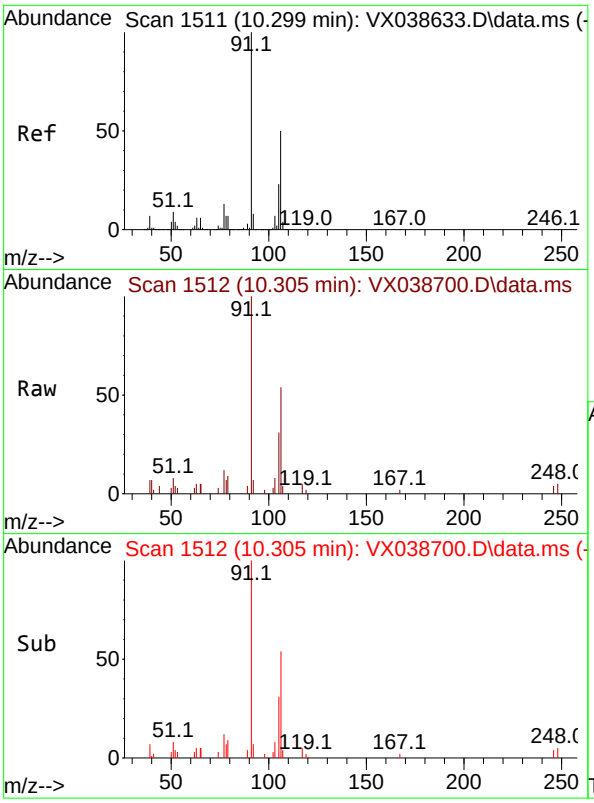


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion:117 Resp: 501029

Ion	Ratio	Lower	Upper
117	100		
82	50.4	46.2	69.4
119	31.6	25.5	38.3



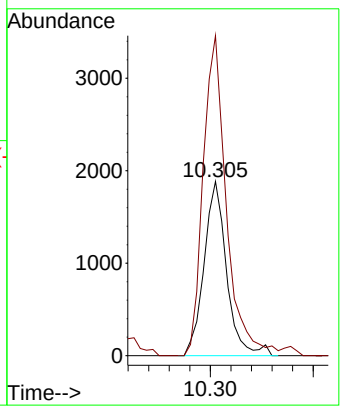


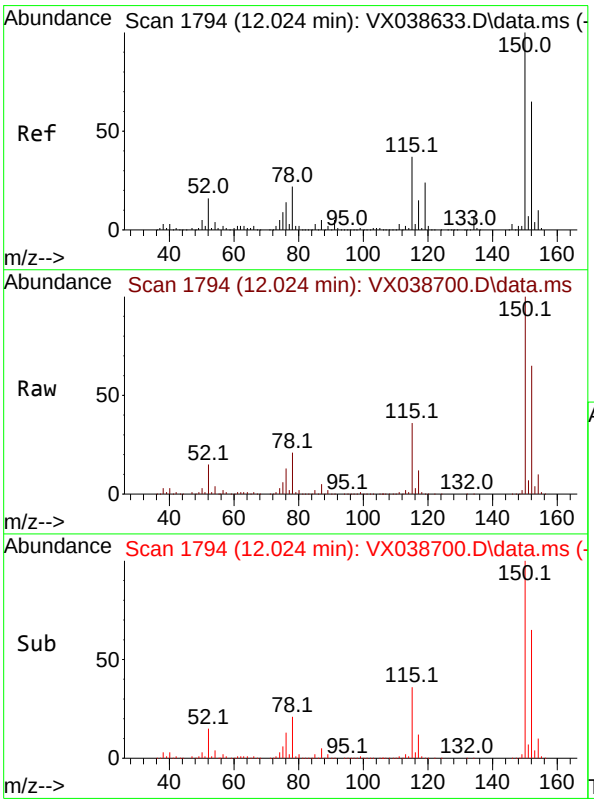
#68
m/p-Xylenes
Concen: 0.419 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Instrument :
MSVOA_X
ClientSampleId :
NWB-1979

Tgt Ion:106 Resp: 2870

Ion	Ratio	Lower	Upper
106	100		
91	188.9	165.5	248.3

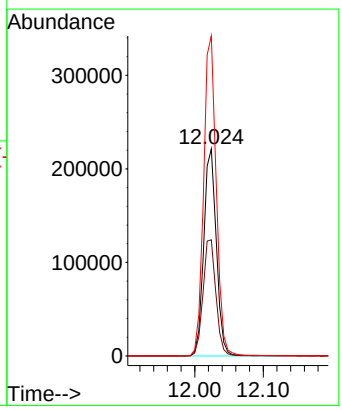


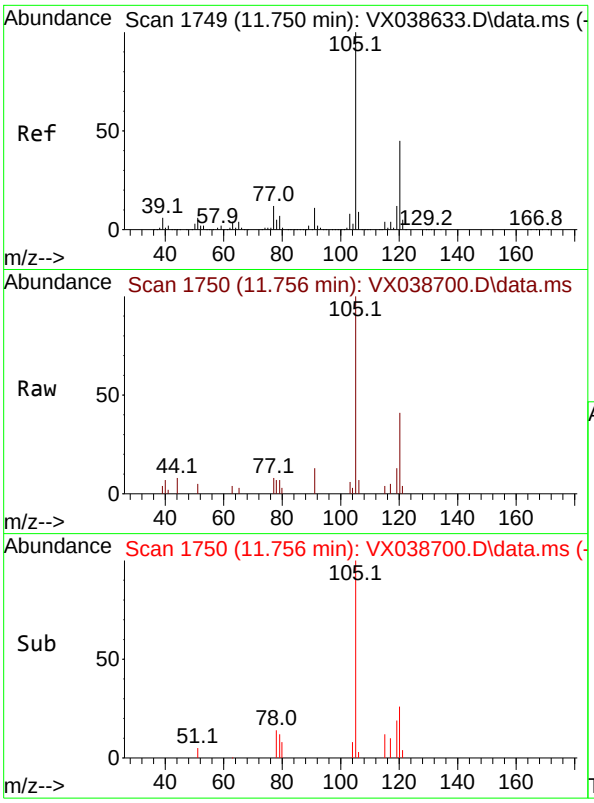


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion:152 Resp: 283767

Ion	Ratio	Lower	Upper
152	100		
115	57.5	43.3	129.9
150	154.7	0.0	345.0



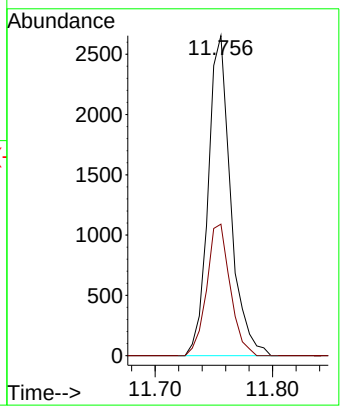


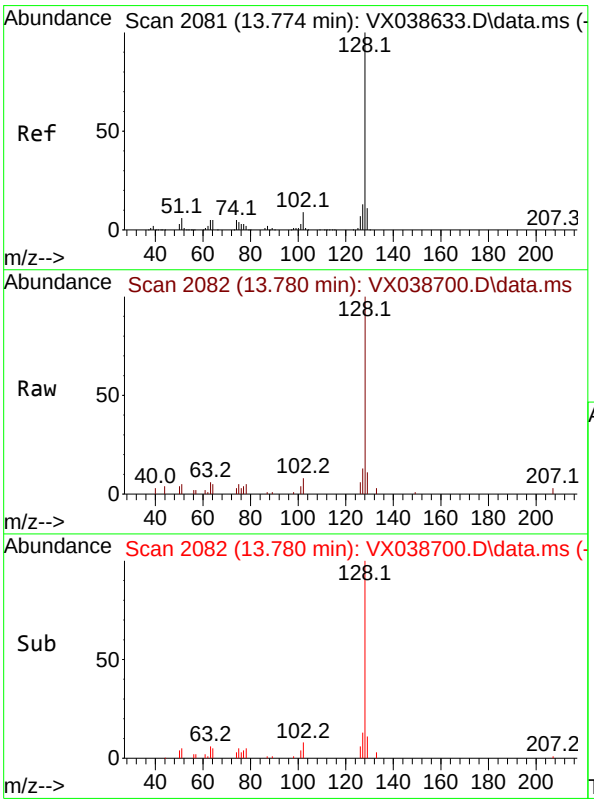
#84
1,2,4-Trimethylbenzene
Concen: 0.238 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Instrument :
MSVOA_X
ClientSampleId :
NWB-1979

Tgt Ion:105 Resp: 3530

Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.2	63.6





#95
Naphthalene
Concen: 0.333 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX038700.D
Acq: 10 Nov 2023 03:31

Tgt Ion:128 Resp: 6402

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	12.7	8.8	13.2