Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
Data File : VX037810.D
Acq On : 19 Sep 2023 16:49
Operator : JC/MD
Sample : 04474-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H-2313-WATER

Quant Time: Sep 20 01:05:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	214736	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	361422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134049	47.513	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.020%			
35) Dibromofluoromethane	5.385	113	113538	46.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.900%			
50) Toluene-d8	8.653	98	437818	48.725	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.460%			
62) 4-Bromofluorobenzene	11.079	95	165564	50.706	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.420%			
Target Compounds						Qvalue
16) Acetone	2.380	43	6441	4.746	ug/l #	81
29) Tetrahydrofuran	5.026	42	2915	2.447	ug/l	97
52) Toluene	8.726	92	7645	1.158	ug/l	96
67) Ethyl Benzene	10.195	91	6068	0.463	ug/l	94
68) m/p-Xylenes	10.305	106	14098	2.784	ug/l	100
69) o-Xylene	10.640	106	13151	2.590	ug/l	100
73) Isopropylbenzene	10.964	105	4069	0.302	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	7142	0.627	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	20233	1.786	ug/l	96

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

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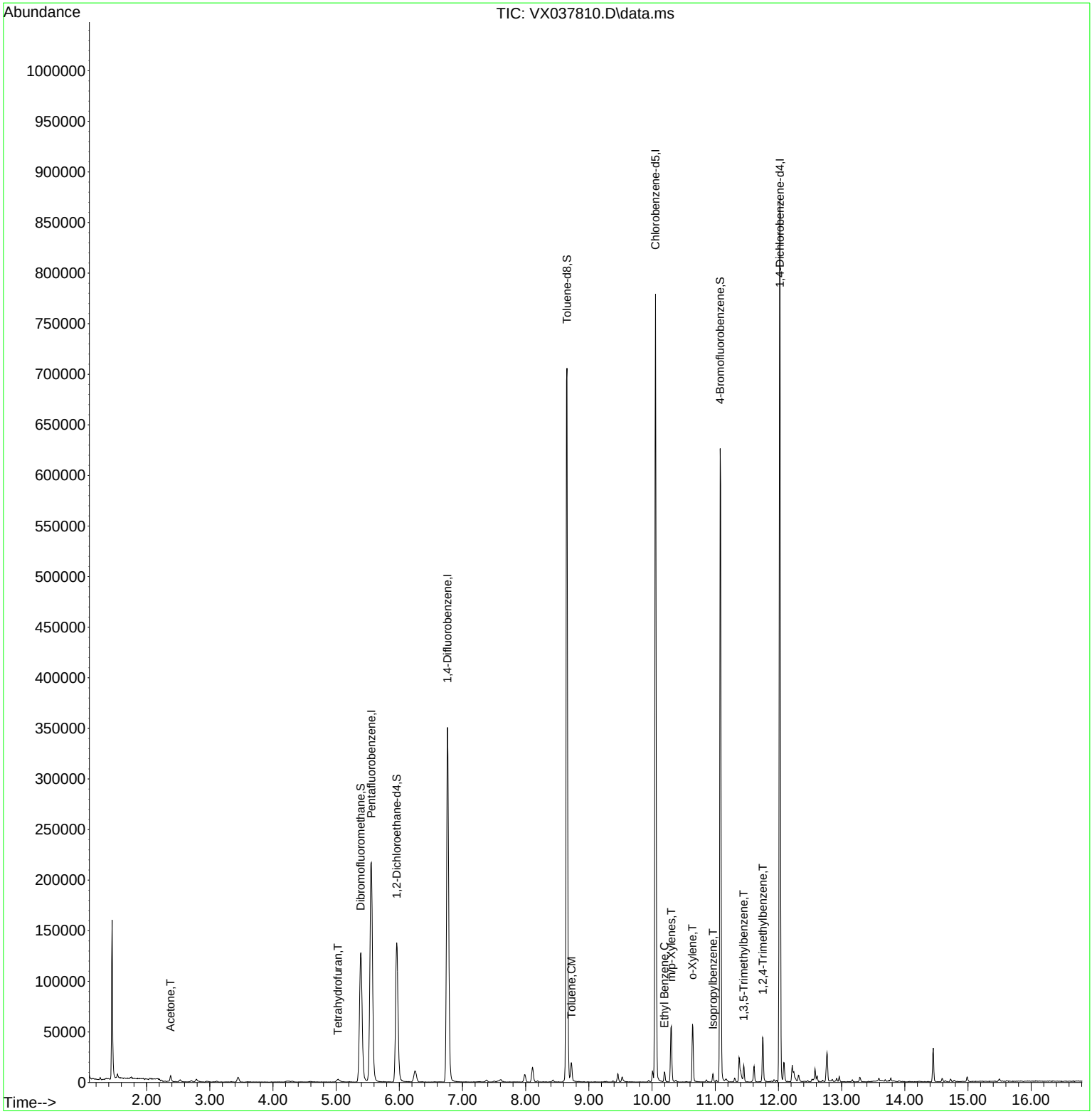
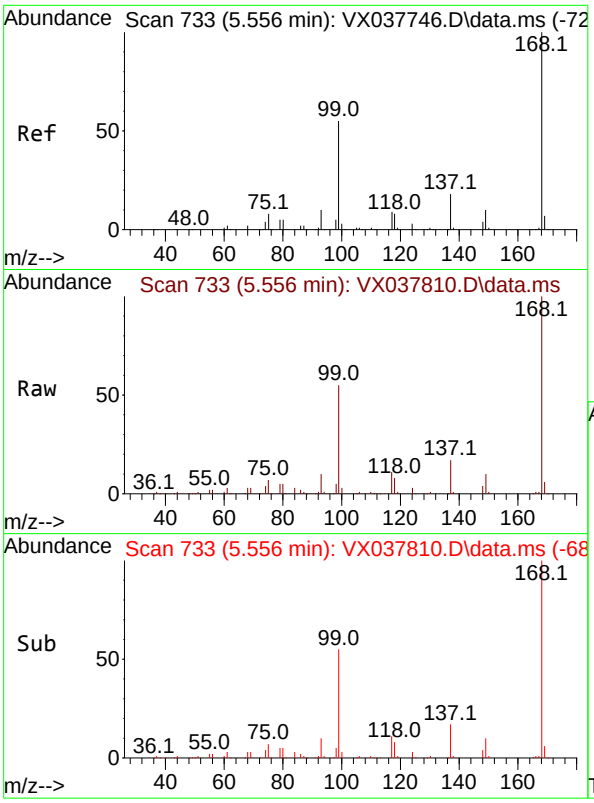


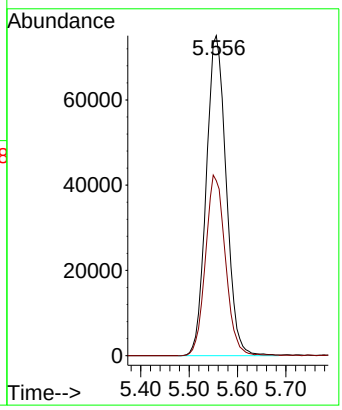


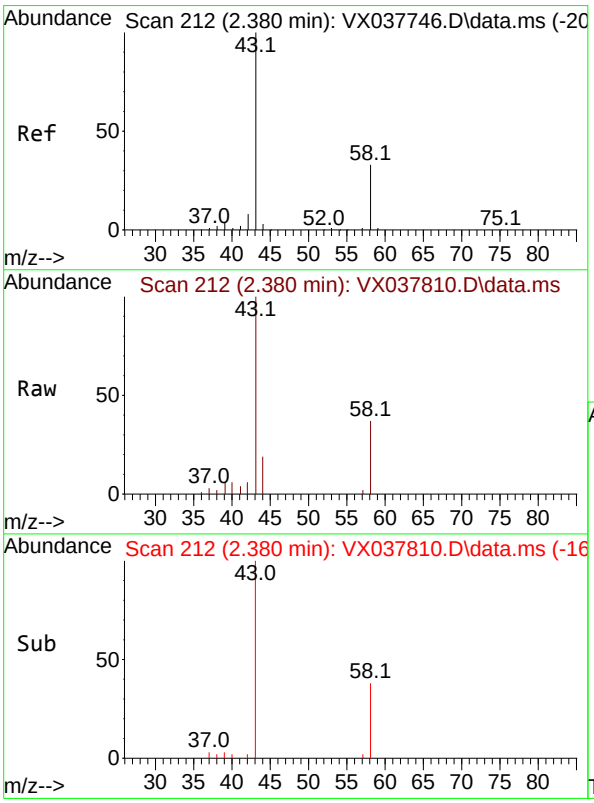
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
H-2313-WATER

Tgt Ion:168 Resp: 214736

Ion	Ratio	Lower	Upper
168	100		
99	54.7	56.6	85.0#

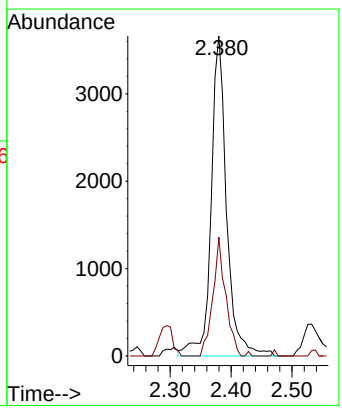


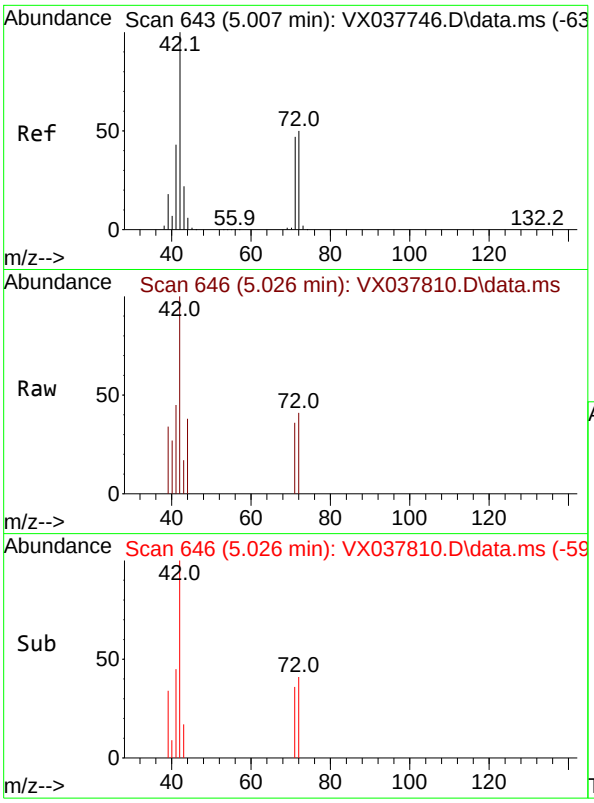


#16
Acetone
Concen: 4.746 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Tgt Ion: 43 Resp: 6441

Ion	Ratio	Lower	Upper
43	100		
58	37.1	21.9	32.9#



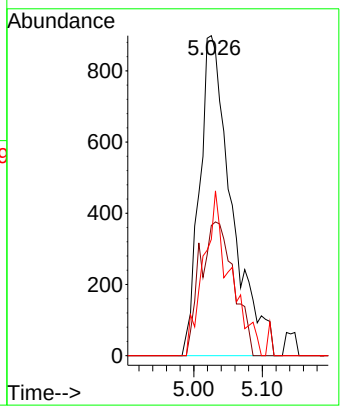


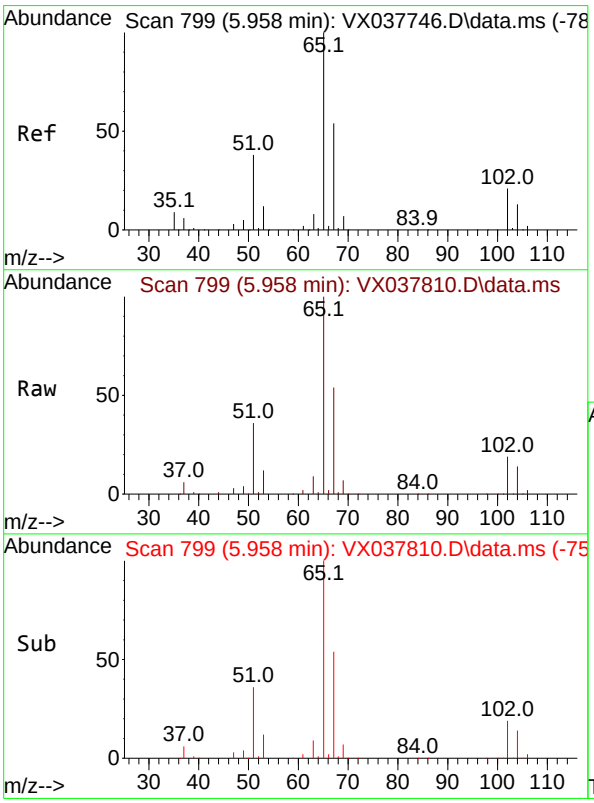
#29
Tetrahydrofuran
Concen: 2.447 ug/l
RT: 5.026 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
H-2313-WATER

Tgt Ion: 42 Resp: 2915

Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.2	51.4
71	43.1	32.2	48.2

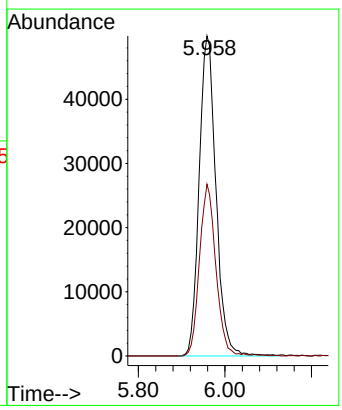


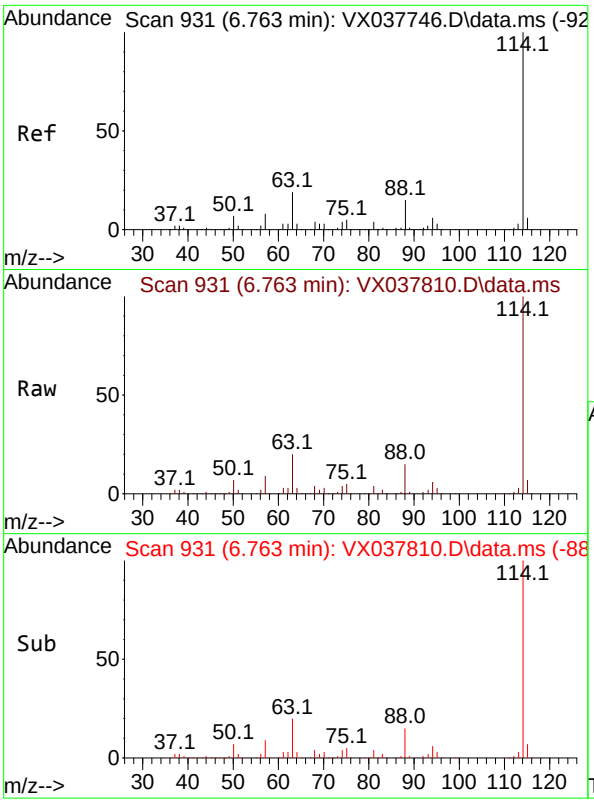


#33
1,2-Dichloroethane-d4
Concen: 47.513 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Tgt Ion: 65 Resp: 134049

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	100.2



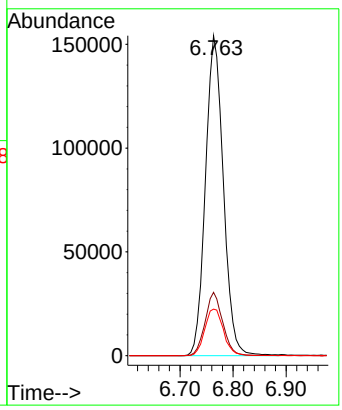


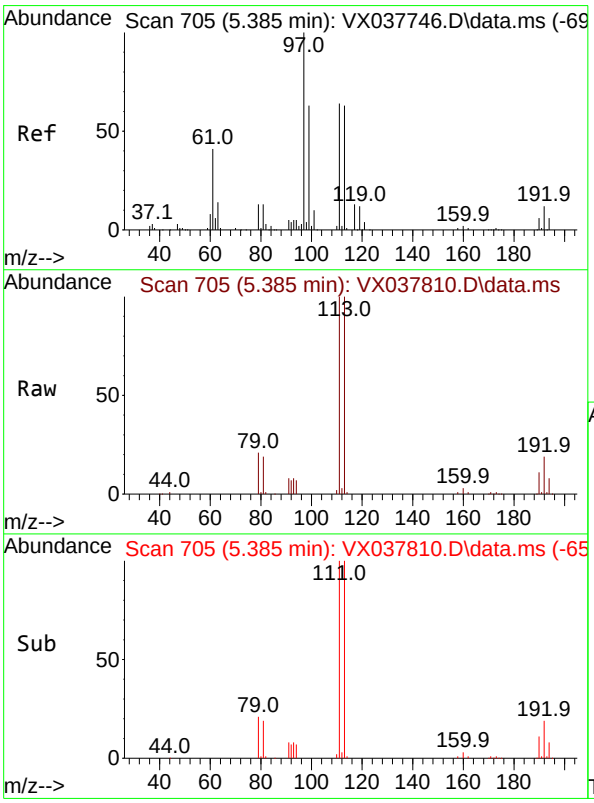
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
H-2313-WATER

Tgt Ion:114 Resp: 361422

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	45.0
88	14.5	0.0	36.6

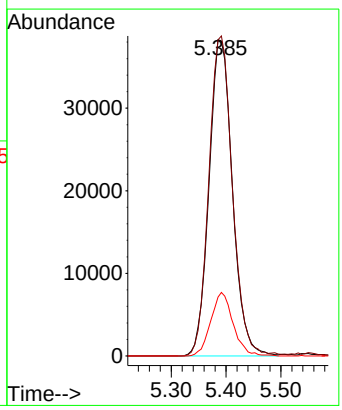


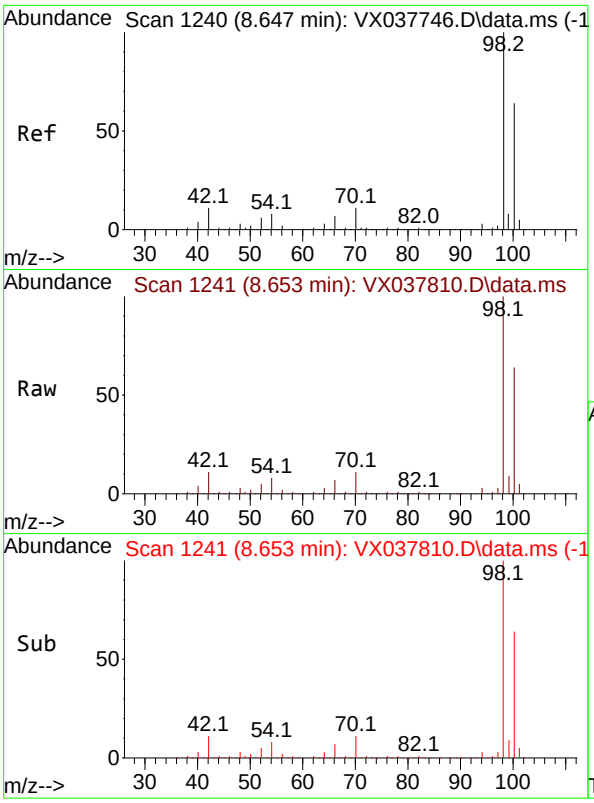


#35
Dibromofluoromethane
Concen: 46.950 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Tgt Ion:113 Resp: 113538

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	19.2	13.3	19.9



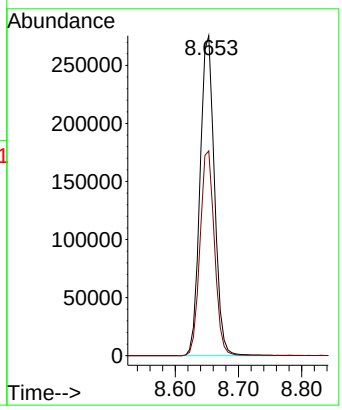


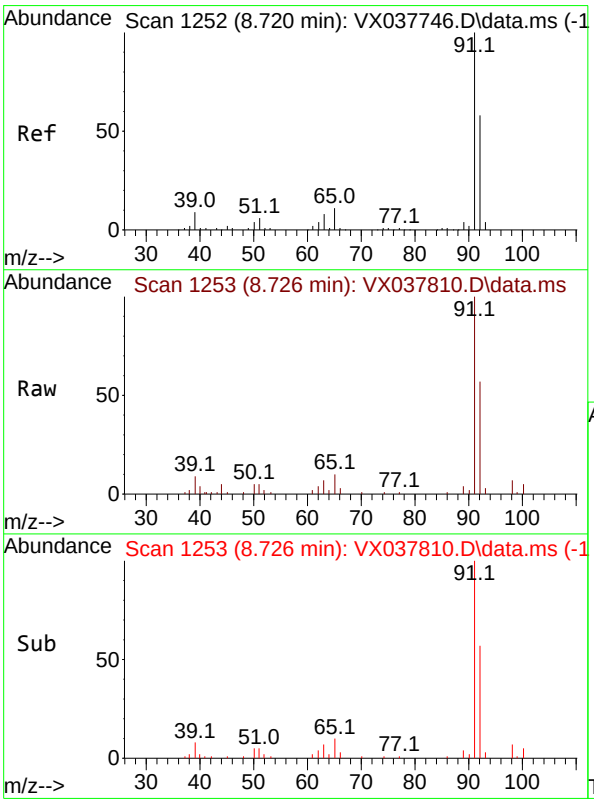
#50
Toluene-d8
Concen: 48.725 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
H-2313-WATER

Tgt Ion: 98 Resp: 437818

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7

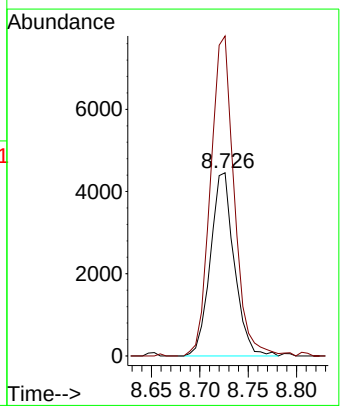


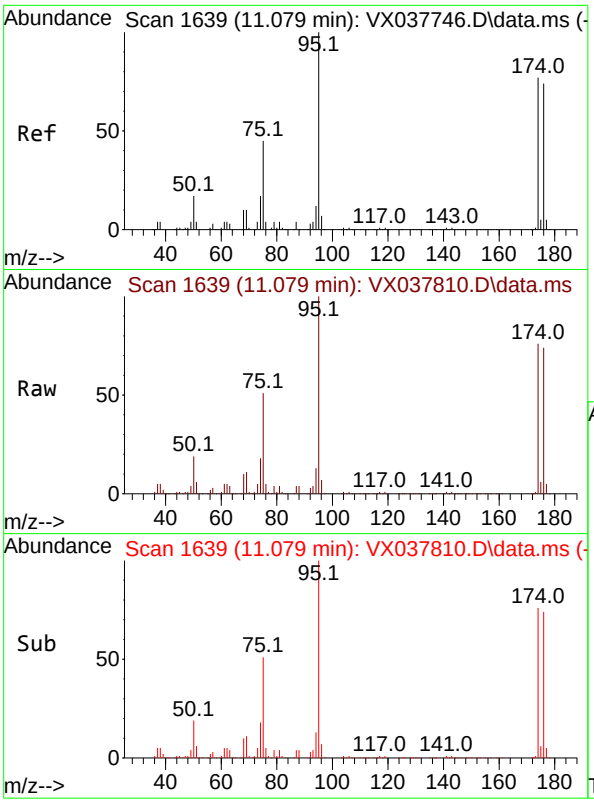


#52
Toluene
Concen: 1.158 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Tgt Ion: 92 Resp: 7645

Ion	Ratio	Lower	Upper
92	100		
91	173.2	134.2	201.2



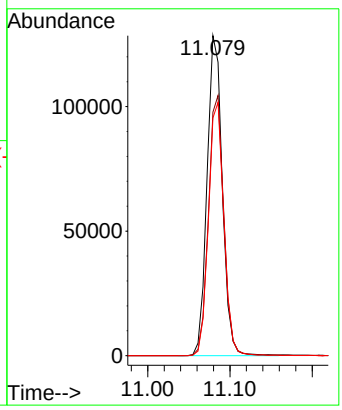


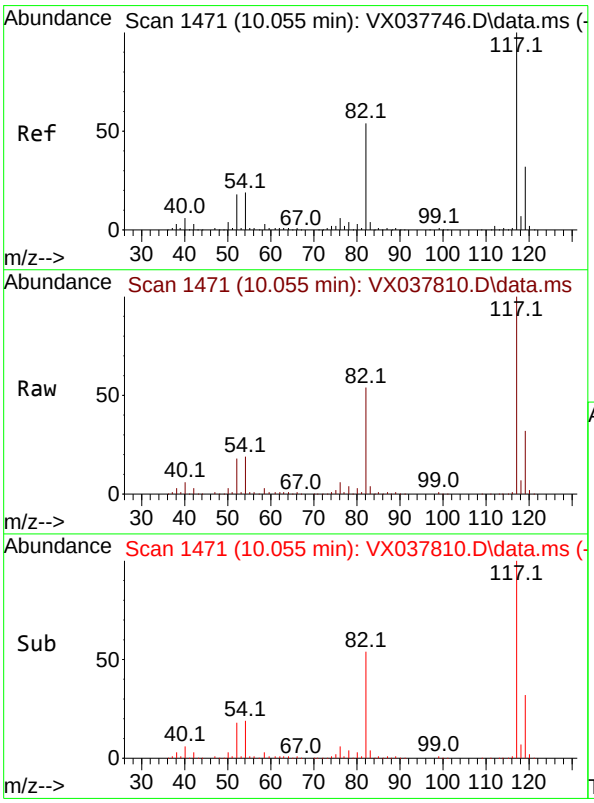
#62
4-Bromofluorobenzene
Concen: 50.706 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
H-2313-WATER

Tgt Ion: 95 Resp: 165564

Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	135.6
176	79.9	0.0	131.0

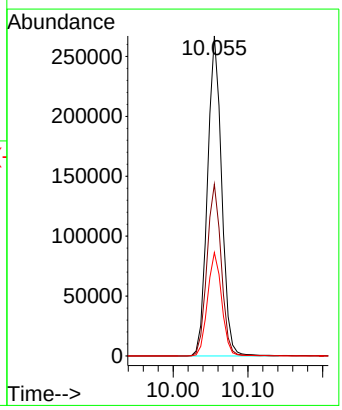


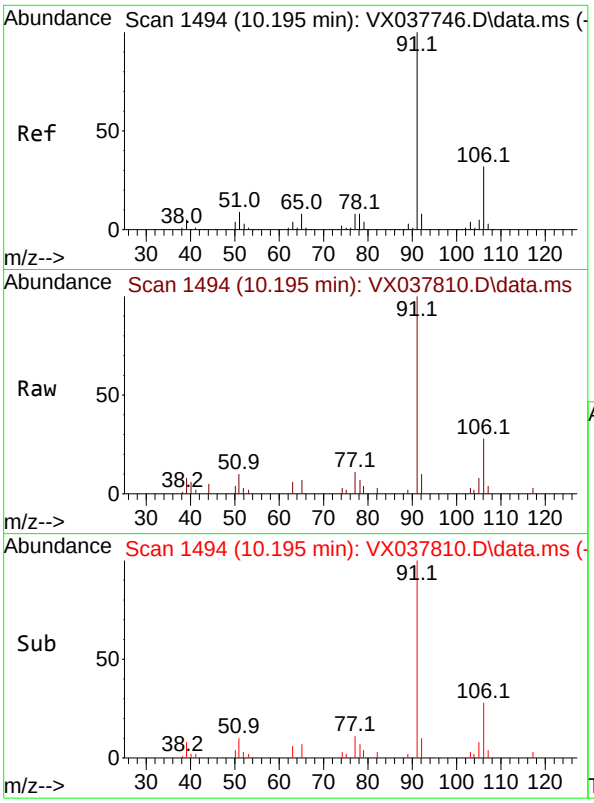


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Tgt Ion:117 Resp: 350450

Ion	Ratio	Lower	Upper
117	100		
82	53.7	46.2	69.4
119	32.3	25.5	38.3



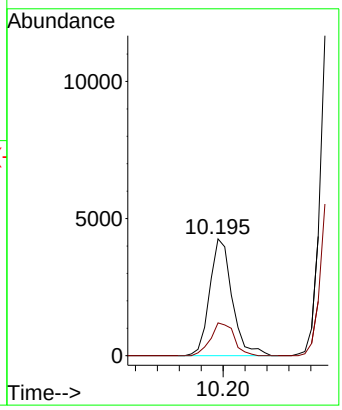


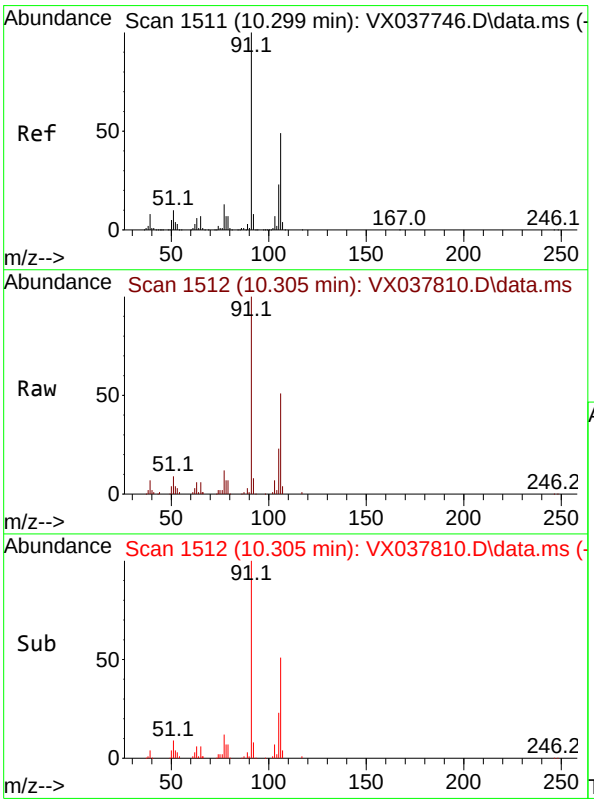
#67
Ethyl Benzene
Concen: 0.463 ug/l
RT: 10.195 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
H-2313-WATER

Tgt Ion: 91 Resp: 6068

Ion	Ratio	Lower	Upper
91	100		
106	28.1	24.9	37.3

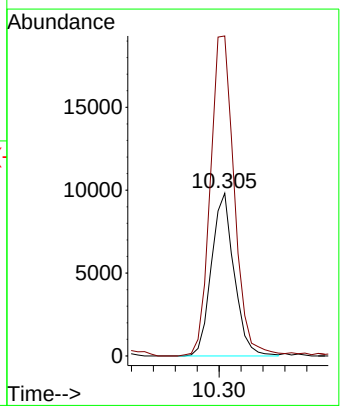


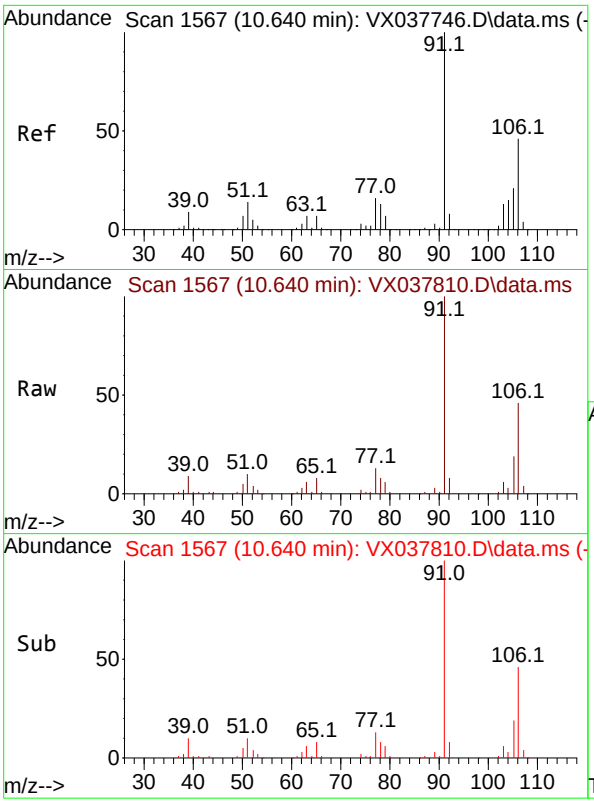


#68
m/p-Xylenes
Concen: 2.784 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Tgt Ion:106 Resp: 14098

Ion	Ratio	Lower	Upper
106	100		
91	207.5	165.5	248.3



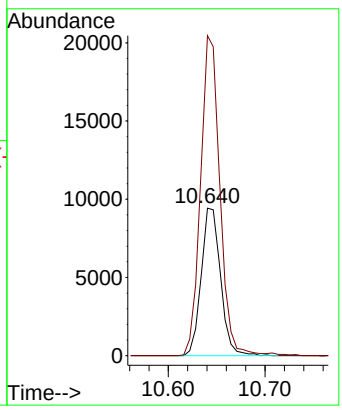


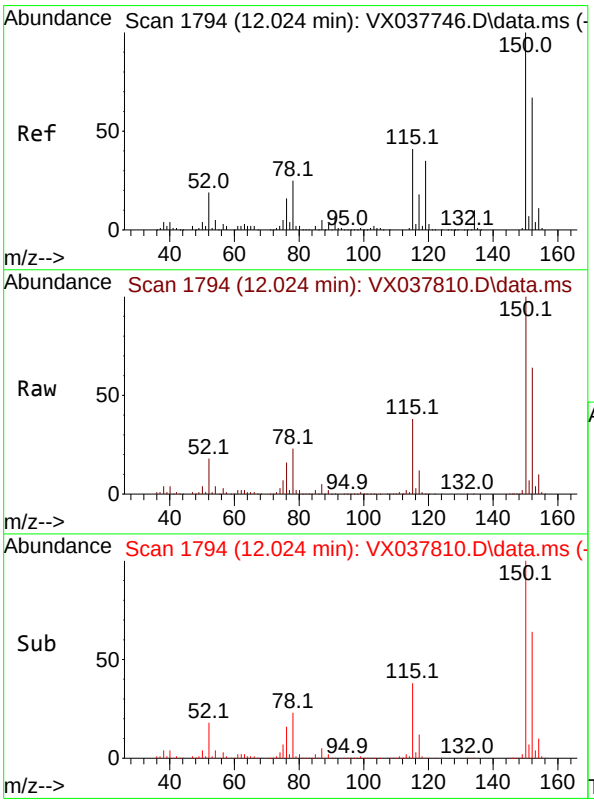
#69
o-Xylene
Concen: 2.590 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
H-2313-WATER

Tgt Ion:106 Resp: 13151

Ion	Ratio	Lower	Upper
106	100		
91	217.2	108.9	326.8

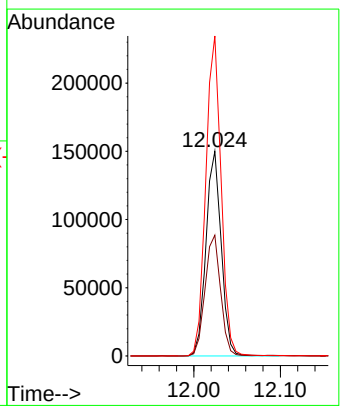


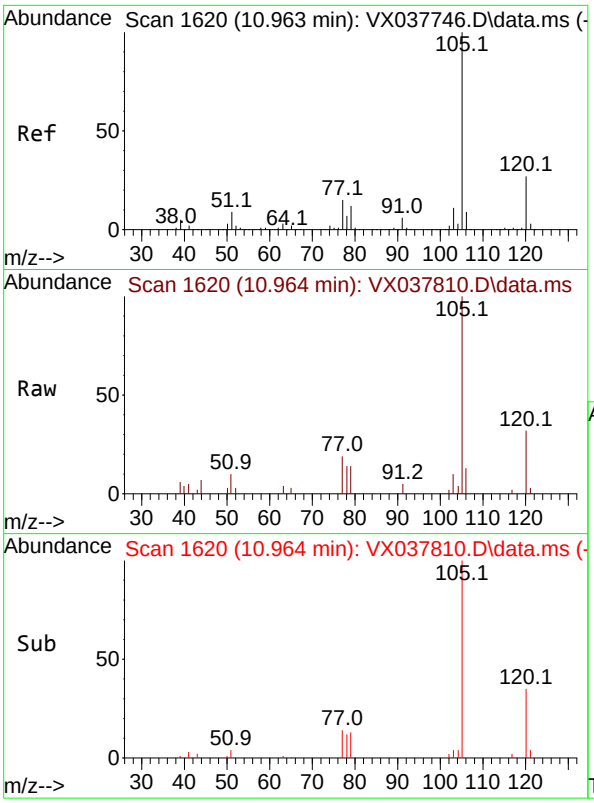


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Tgt Ion:152 Resp: 183758

Ion	Ratio	Lower	Upper
152	100		
115	60.2	43.3	129.9
150	156.7	0.0	345.0



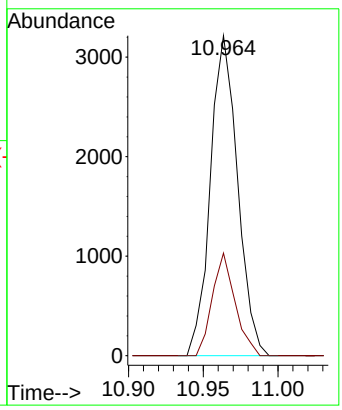


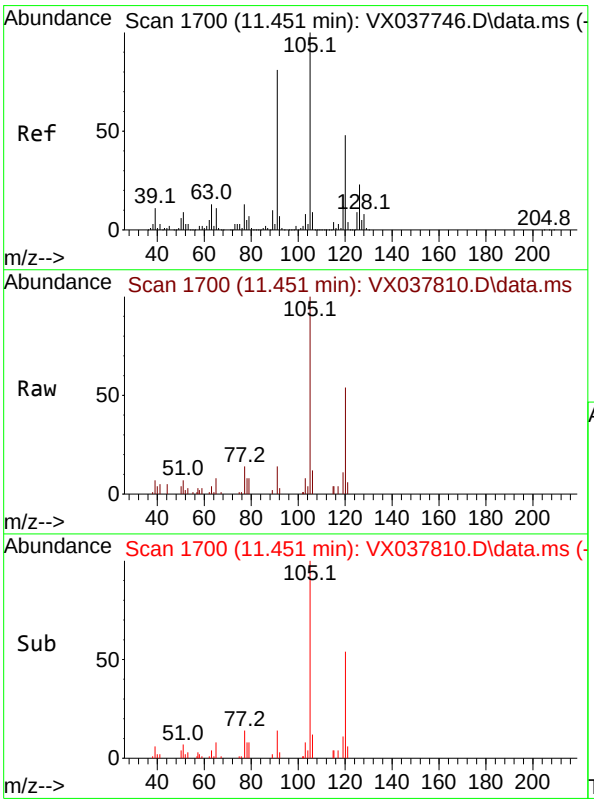
#73
Isopropylbenzene
Concen: 0.302 ug/l
RT: 10.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
H-2313-WATER

Tgt Ion:105 Resp: 4069

Ion	Ratio	Lower	Upper
105	100		
120	26.9	12.9	38.6

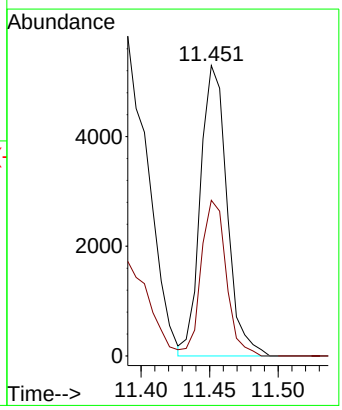


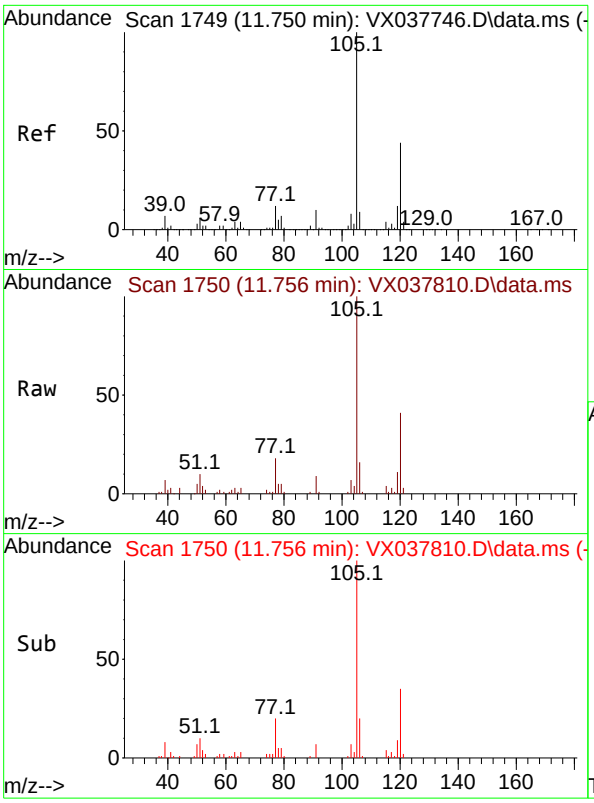


#80
1,3,5-Trimethylbenzene
Concen: 0.627 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Tgt Ion:105 Resp: 7142

Ion	Ratio	Lower	Upper
105	100		
120	50.7	24.1	72.3





#84
1,2,4-Trimethylbenzene
Concen: 1.786 ug/l
RT: 11.756 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037810.D
Acq: 19 Sep 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
H-2313-WATER

Tgt Ion:105 Resp: 20233

Ion	Ratio	Lower	Upper
105	100		
120	39.6	21.2	63.6