Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
Data File : VX031876.D
Acq On : 04 Oct 2022 17:52
Operator : JC/MD
Sample : N4971-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-01-100322

Quant Time: Oct 05 06:26:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	134324	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	184554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196082	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97114	40.355	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 80.720%			
35) Dibromofluoromethane	5.391	113	96518	44.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.040%			
50) Toluene-d8	8.647	98	352277	44.910	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.820%			
62) 4-Bromofluorobenzene	11.079	95	118196	41.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 83.680%			
Target Compounds						Qvalue
68) m/p-Xylenes	10.305	106	1737	0.430	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	3423	0.443	ug/l	95
95) Naphthalene	13.780	128	6020	0.682	ug/l	98

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

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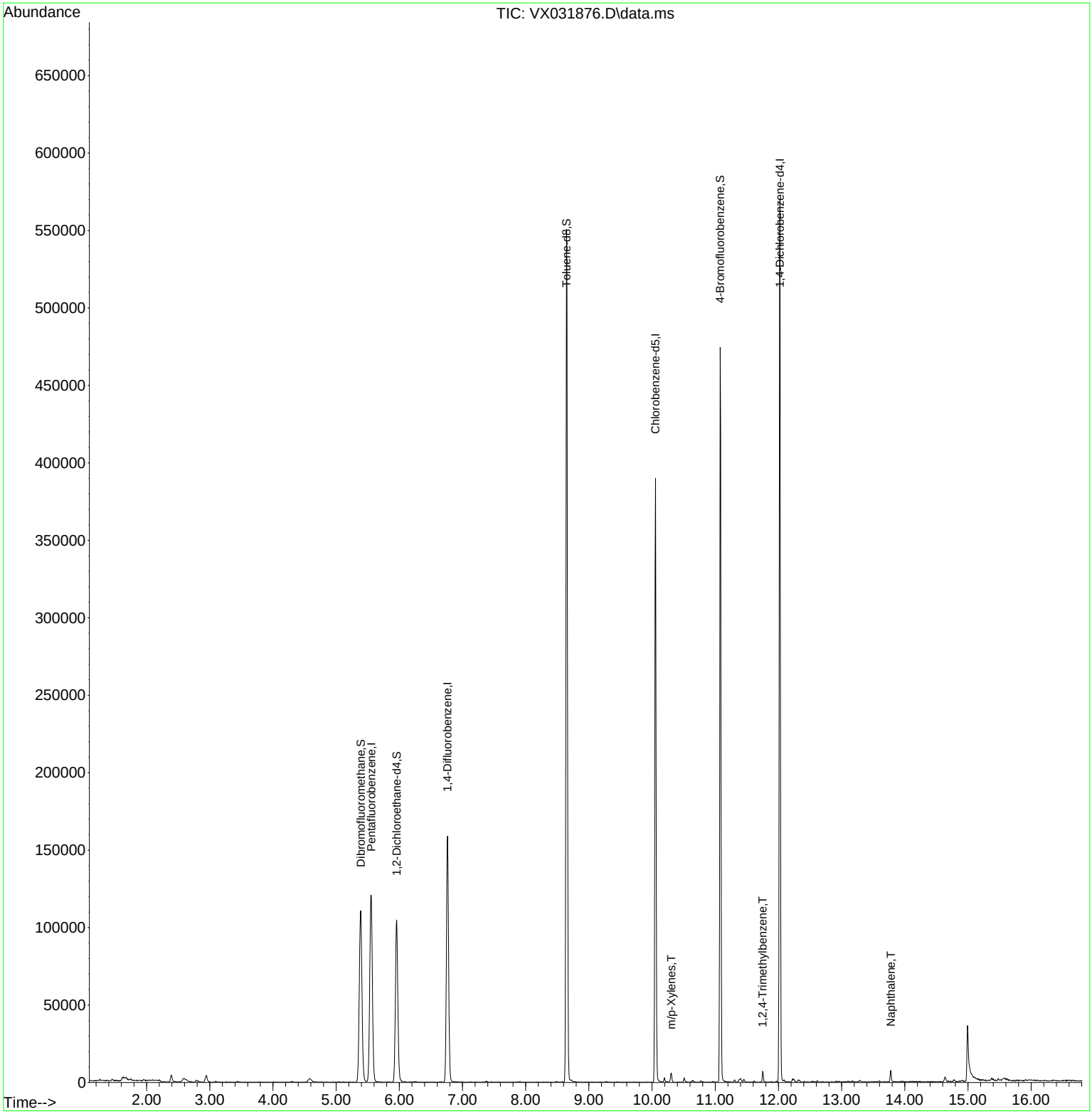
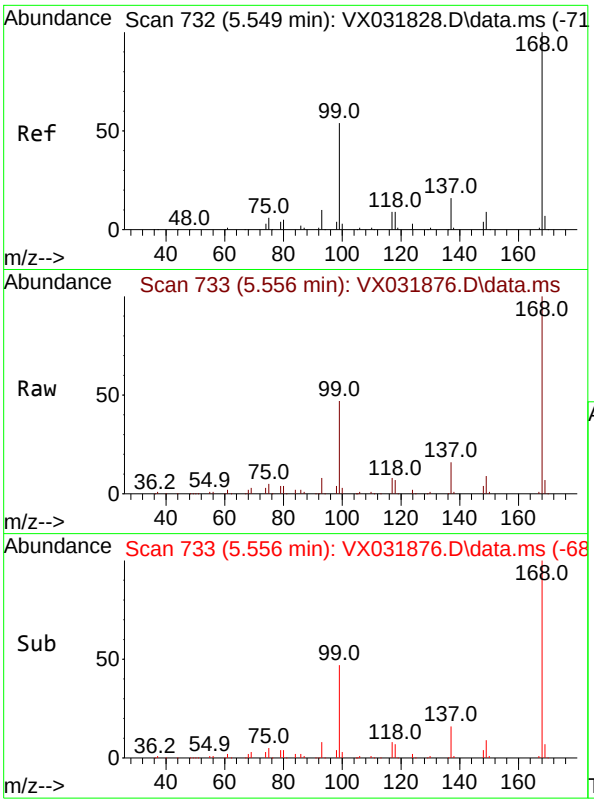


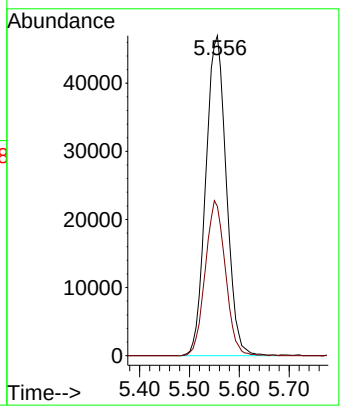


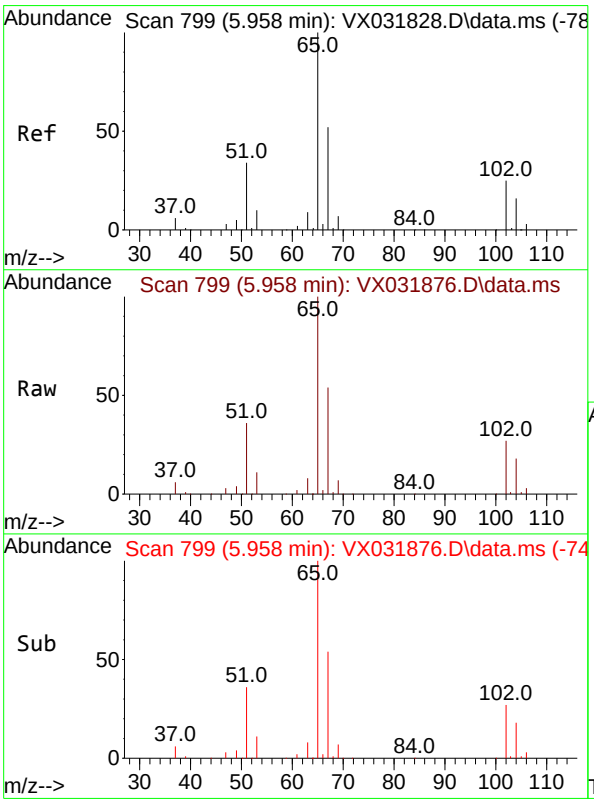
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
EB-01-100322

Tgt Ion:168 Resp: 134324

Ion	Ratio	Lower	Upper
168	100		
99	46.7	48.8	73.2#

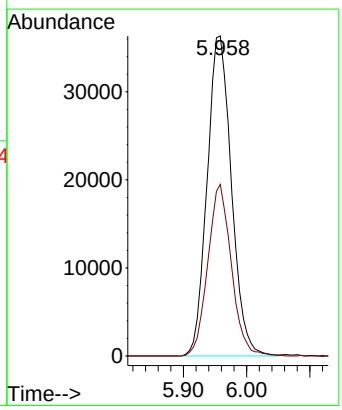


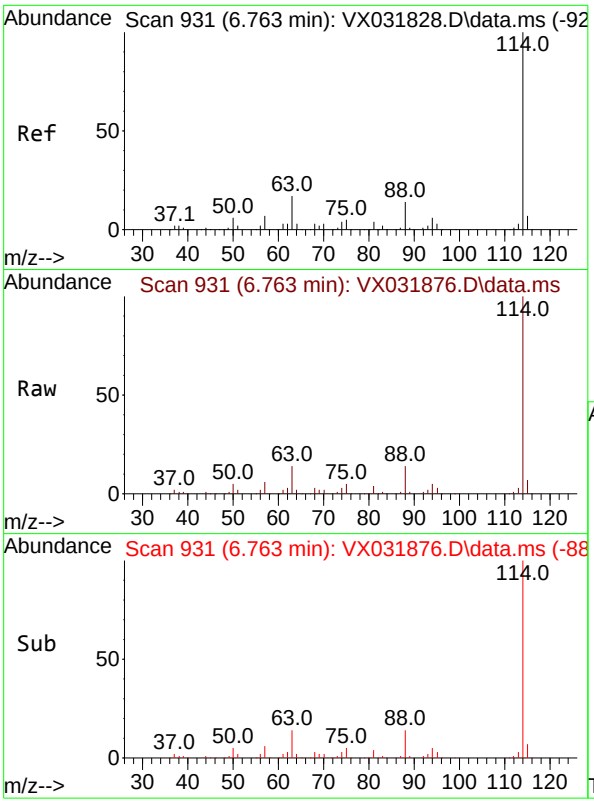


#33
1,2-Dichloroethane-d4
Concen: 40.355 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Tgt Ion: 65 Resp: 97114

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.4



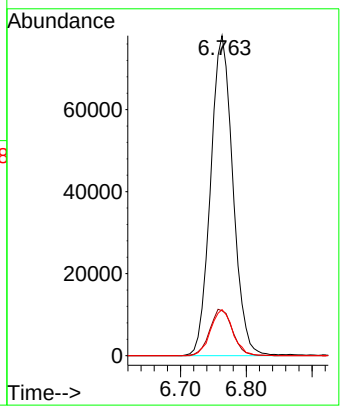


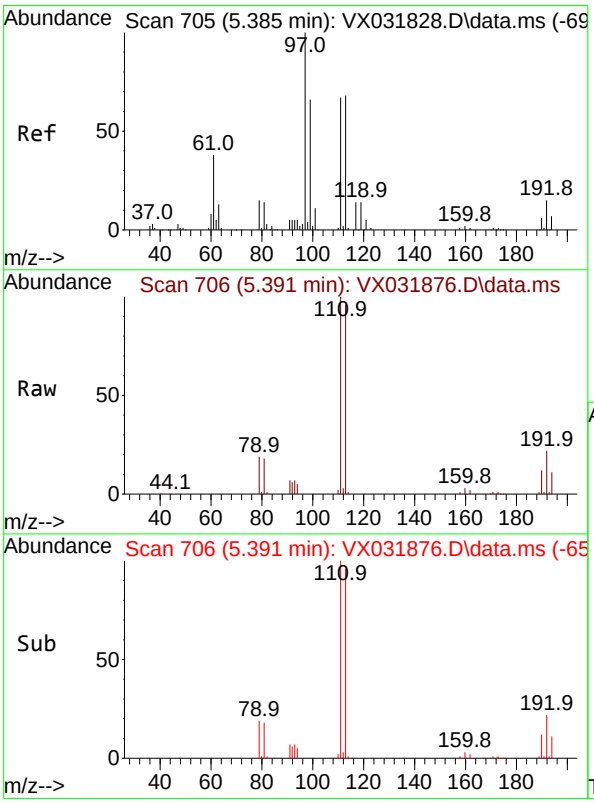
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
EB-01-100322

Tgt Ion:114 Resp: 184554

Ion	Ratio	Lower	Upper
114	100		
63	14.0	0.0	42.6
88	14.4	0.0	33.0

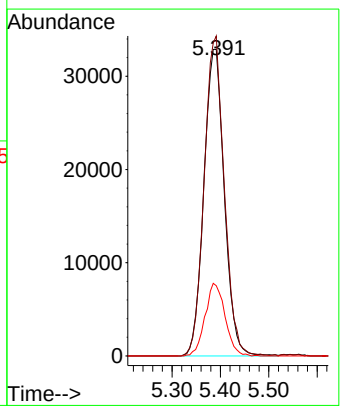


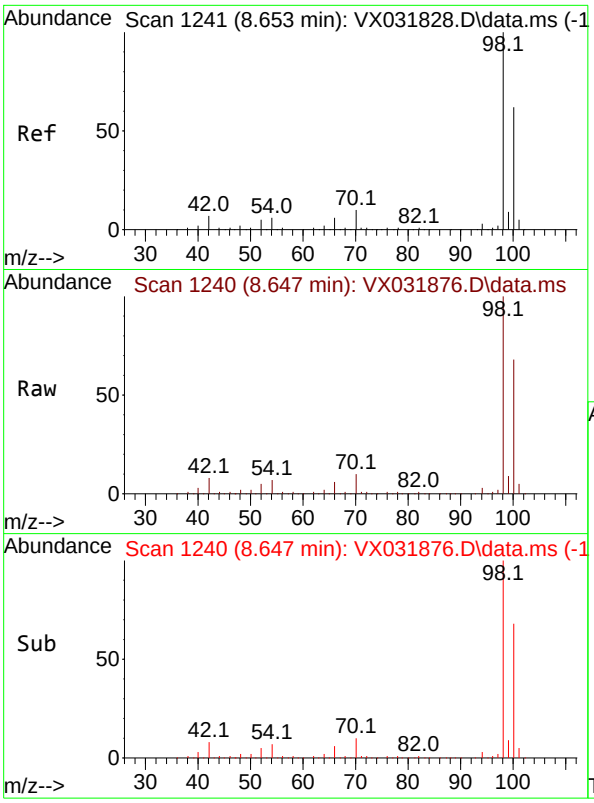


#35
Dibromofluoromethane
Concen: 44.018 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Tgt Ion:113 Resp: 96518

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	23.2	14.1	21.1#



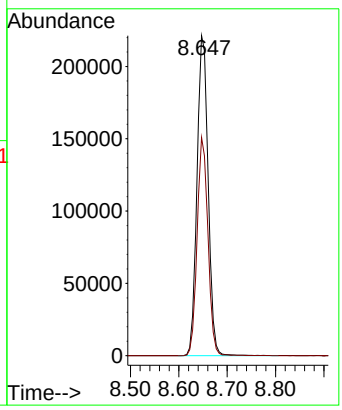


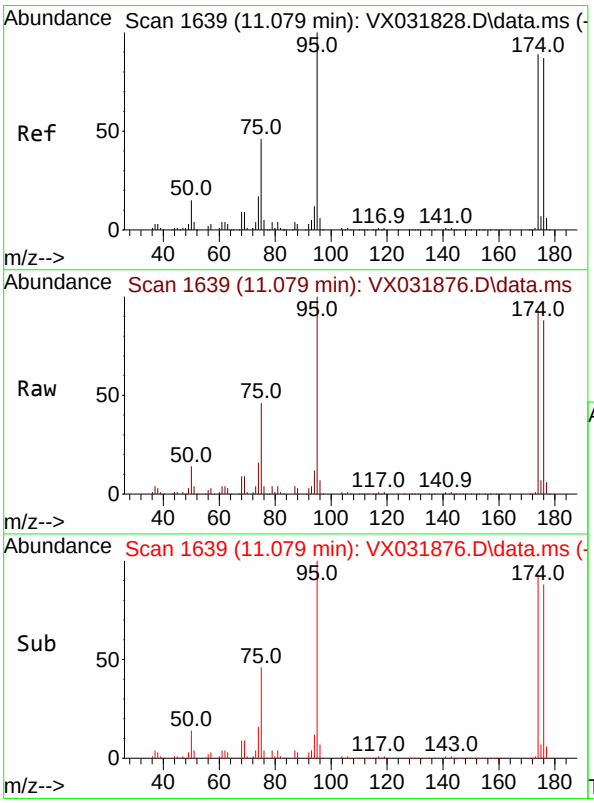
#50
Toluene-d8
Concen: 44.910 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
EB-01-100322

Tgt Ion: 98 Resp: 352277

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.5	78.7

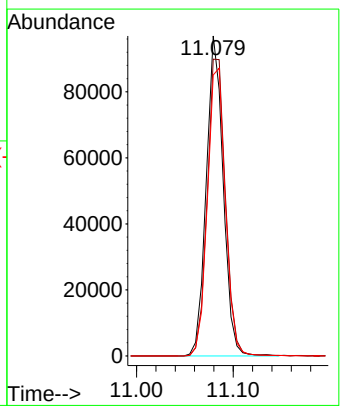


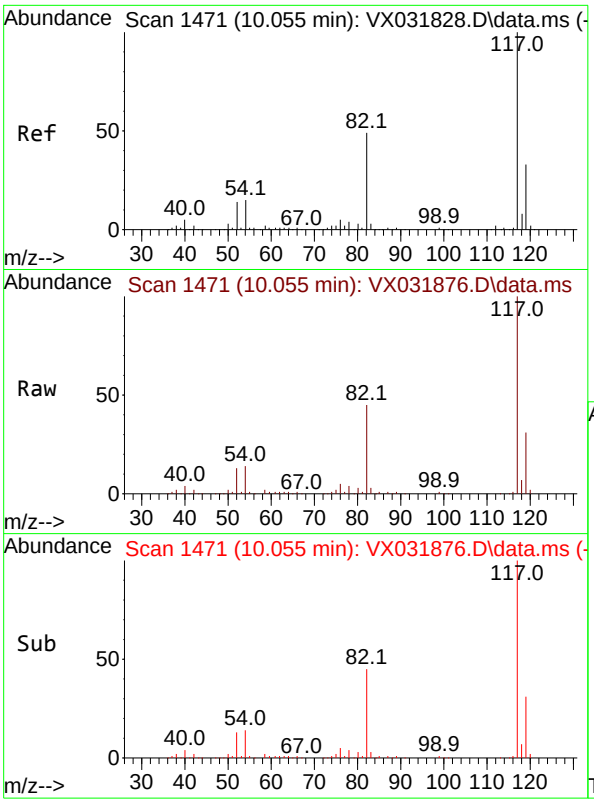


#62
4-Bromofluorobenzene
Concen: 41.844 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Tgt Ion: 95 Resp: 118196

Ion	Ratio	Lower	Upper
95	100		
174	100.1	0.0	153.2
176	95.6	0.0	144.0



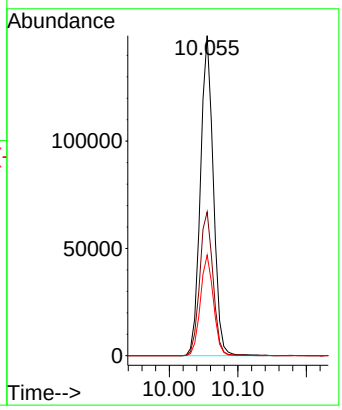


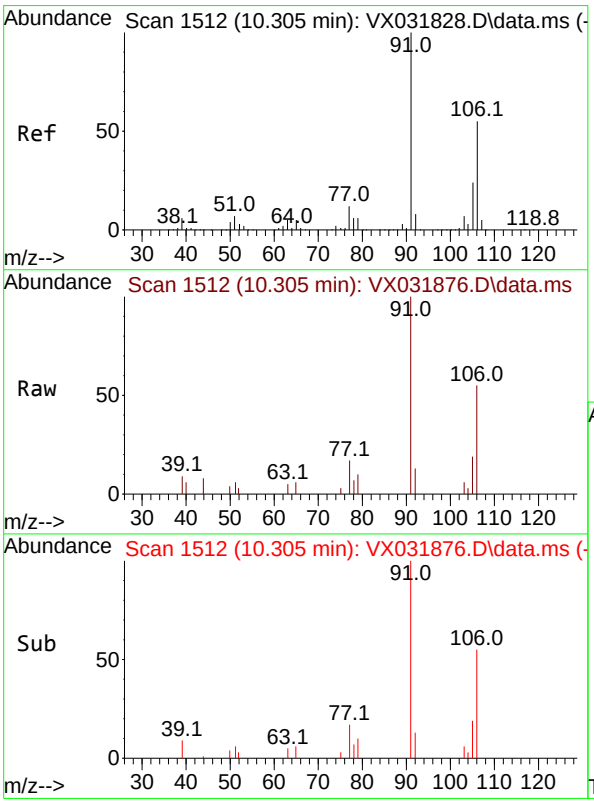
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
EB-01-100322

Tgt Ion:117 Resp: 196082

Ion	Ratio	Lower	Upper
117	100		
82	45.0	46.8	70.2#
119	31.5	26.4	39.6

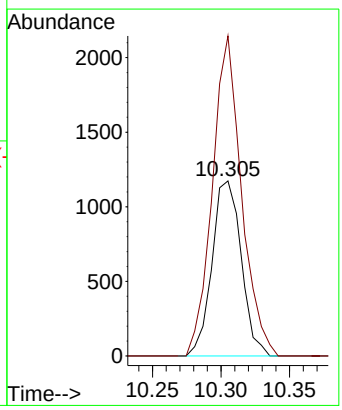


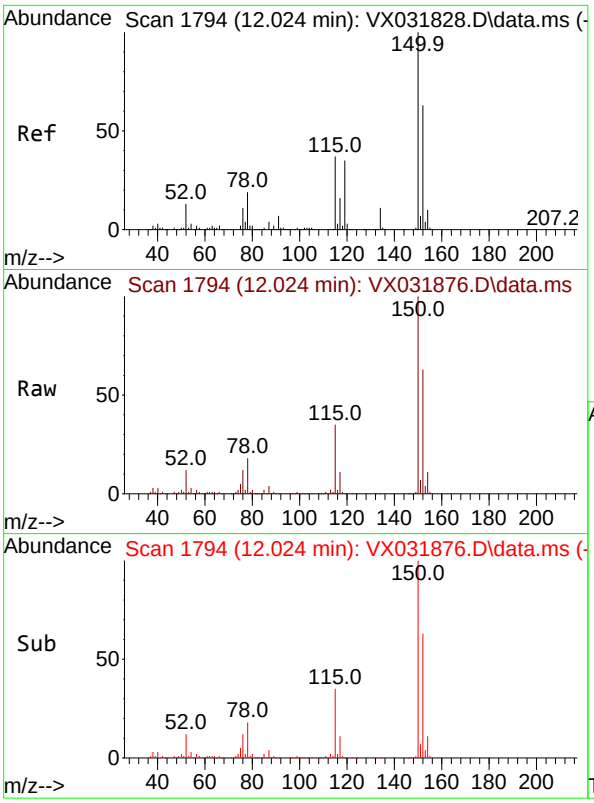


#68
m/p-Xylenes
Concen: 0.430 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Tgt Ion:106 Resp: 1737

Ion	Ratio	Lower	Upper
106	100		
91	182.8	161.0	241.4



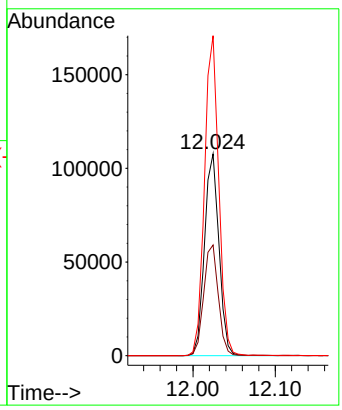


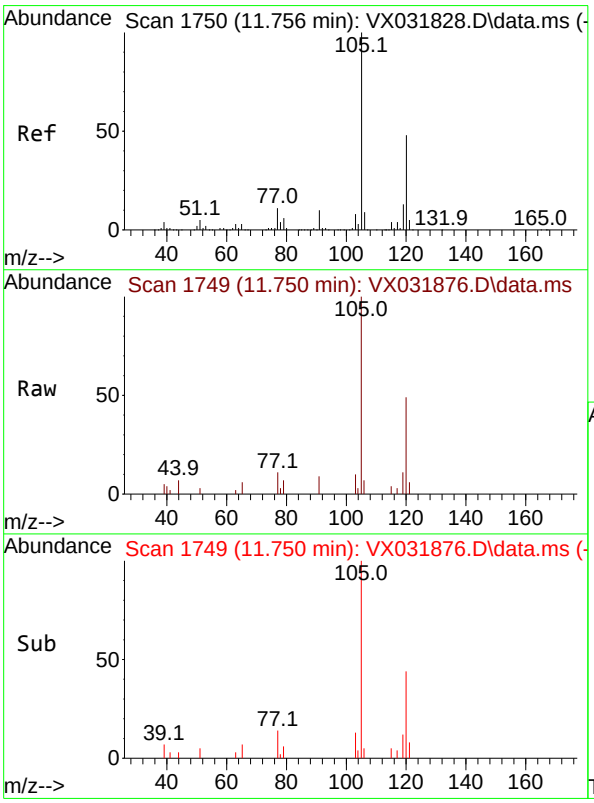
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
EB-01-100322

Tgt Ion:152 Resp: 131589

Ion	Ratio	Lower	Upper
152	100		
115	55.6	43.4	130.1
150	156.3	0.0	346.8

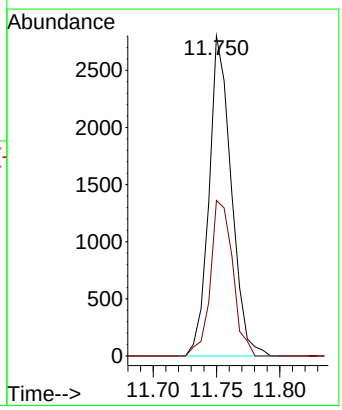


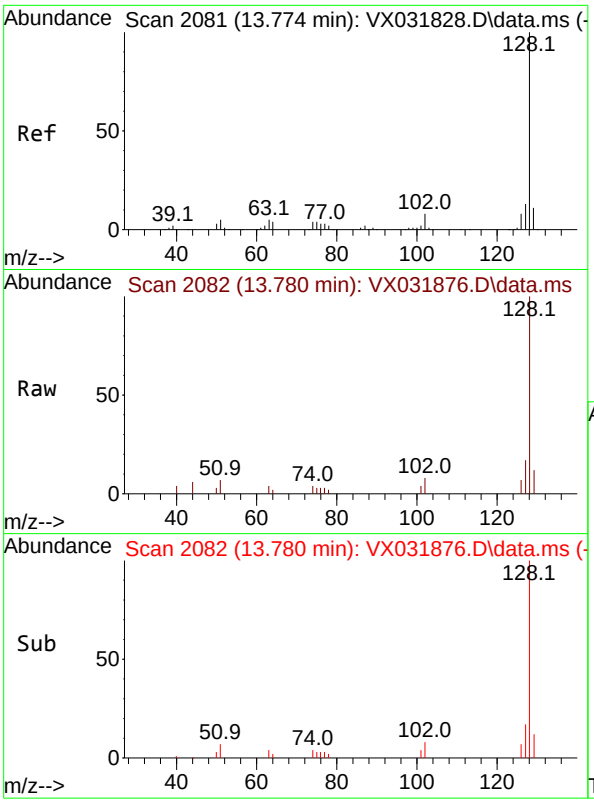


#84
1,2,4-Trimethylbenzene
Concen: 0.443 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Tgt Ion:105 Resp: 3423

Ion	Ratio	Lower	Upper
105	100		
120	48.6	22.6	67.8





#95
Naphthalene
Concen: 0.682 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX031876.D
Acq: 04 Oct 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
EB-01-100322

Tgt Ion:128 Resp: 6020

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	11.9	8.8	13.2