Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
Data File : VX037039.D
Acq On : 17 Aug 2023 05:12
Operator : JC/MD
Sample : 03958-03 10X
Misc : 6.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

Quant Time: Aug 17 05:46:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	130469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92761	48.051	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.100%			
35) Dibromofluoromethane	5.385	113	76584	46.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.260%			
50) Toluene-d8	8.647	98	291222	49.469	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.940%			
62) 4-Bromofluorobenzene	11.079	95	116991	52.673	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.340%			
Target Compounds						Qvalue
67) Ethyl Benzene	10.195	91	40442	4.298	ug/l	98
69) o-Xylene	10.640	106	3674	1.048	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	18741	2.492	ug/l	98

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

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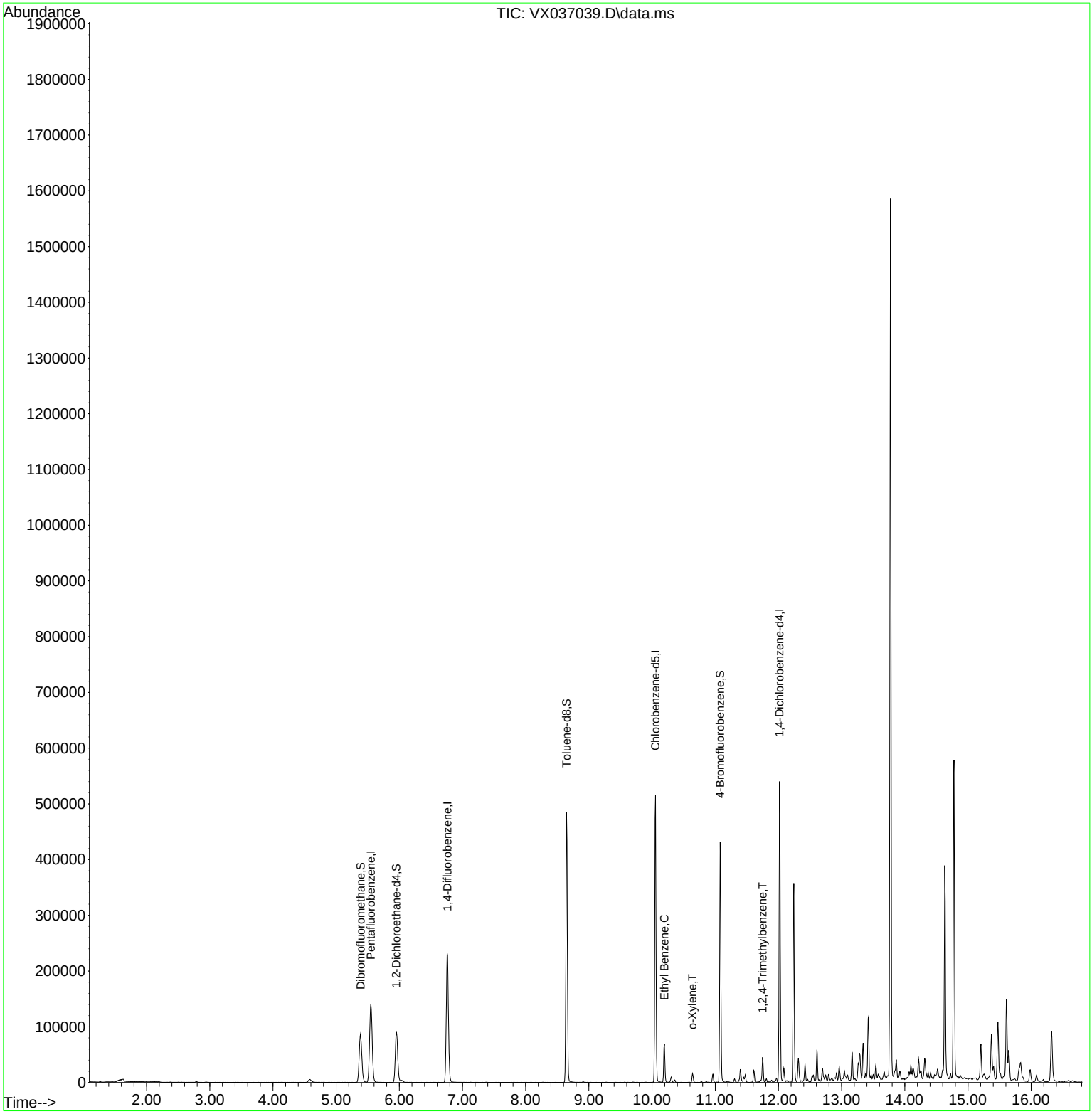
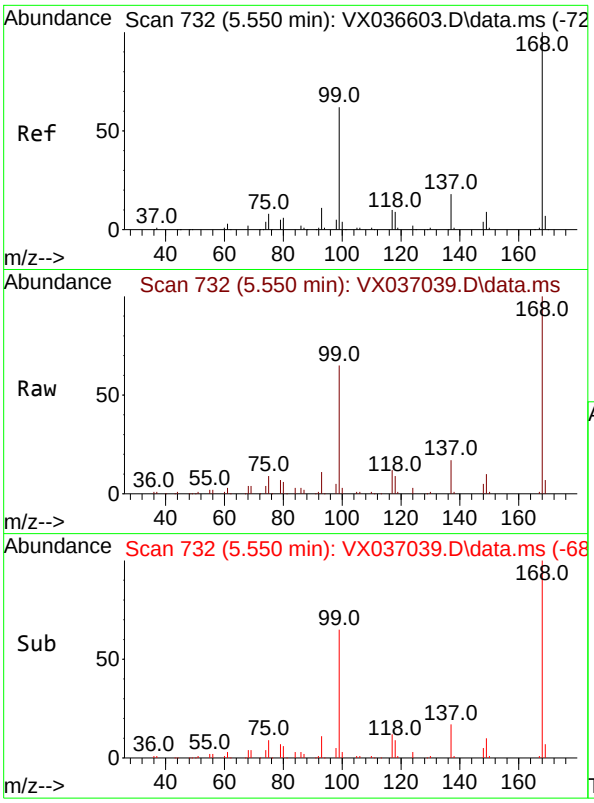


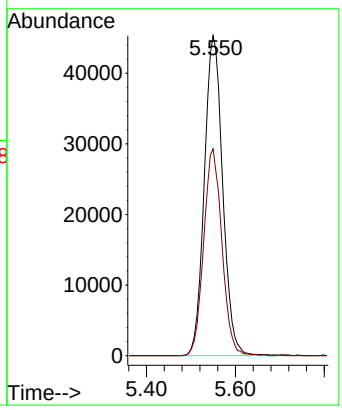


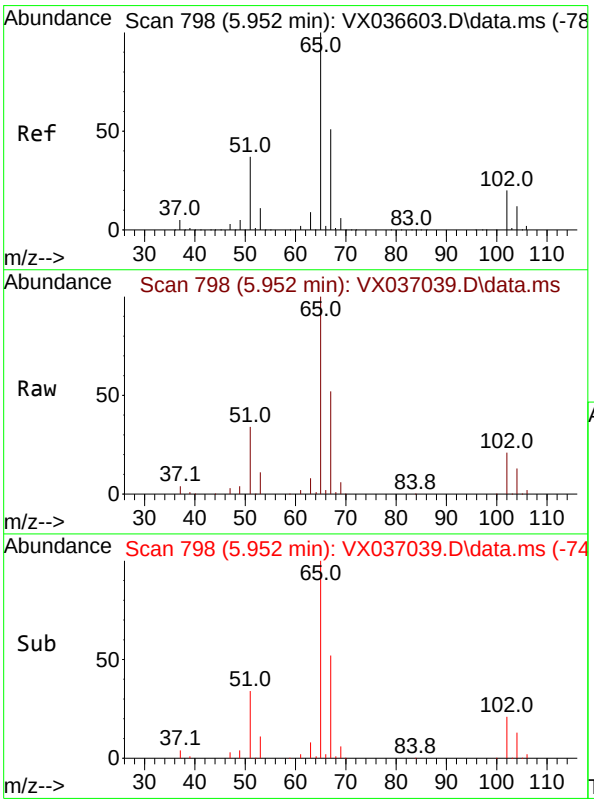
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

Tgt Ion:168 Resp: 130469

Ion	Ratio	Lower	Upper
168	100		
99	64.6	56.6	85.0

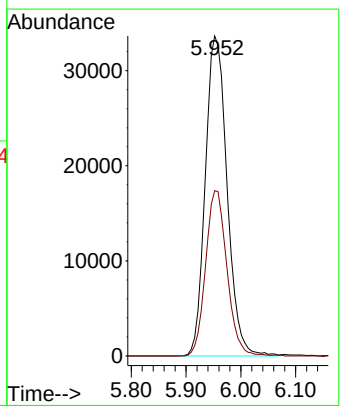


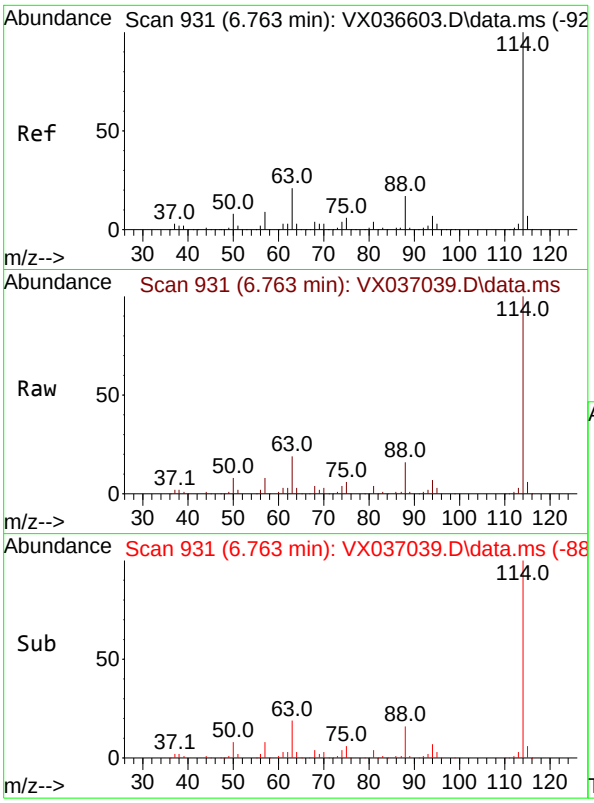


#33
1,2-Dichloroethane-d4
Concen: 48.051 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 65 Resp: 92761

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	100.2



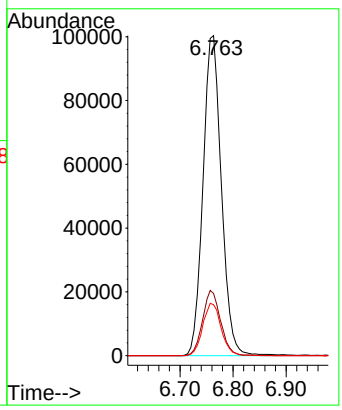


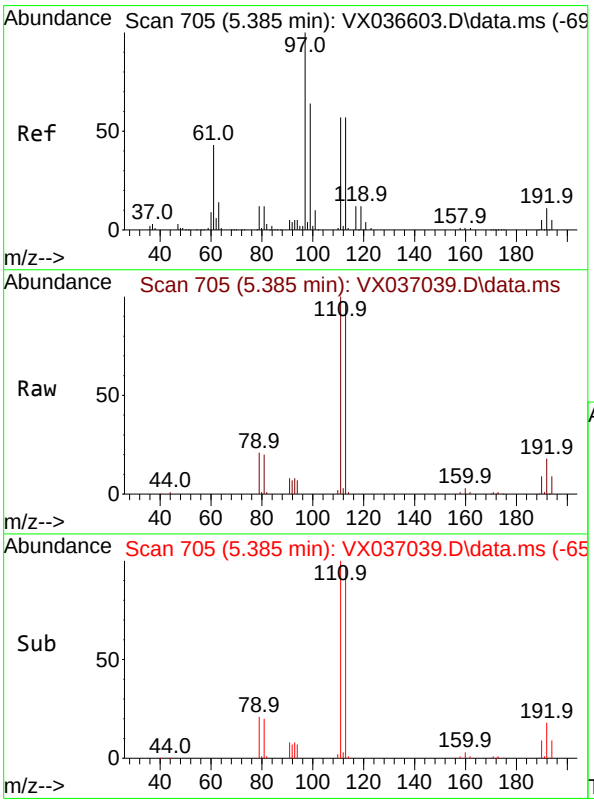
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

Tgt Ion:114 Resp: 241520

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	45.0
88	15.9	0.0	36.6

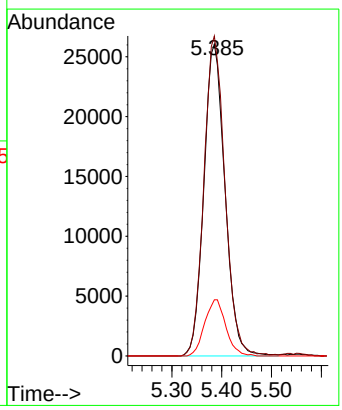


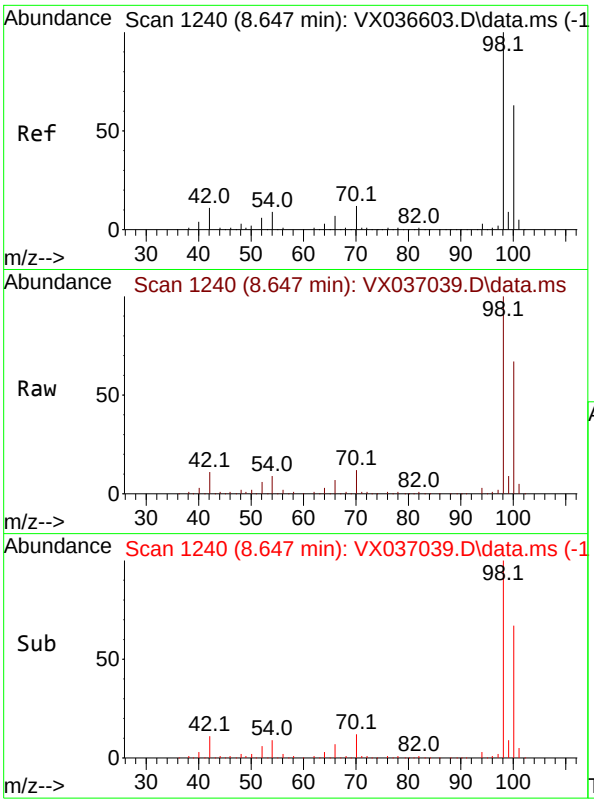


#35
Dibromofluoromethane
Concen: 46.133 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion:113 Resp: 76584

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	18.1	13.3	19.9



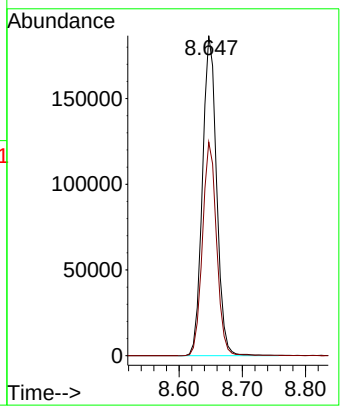


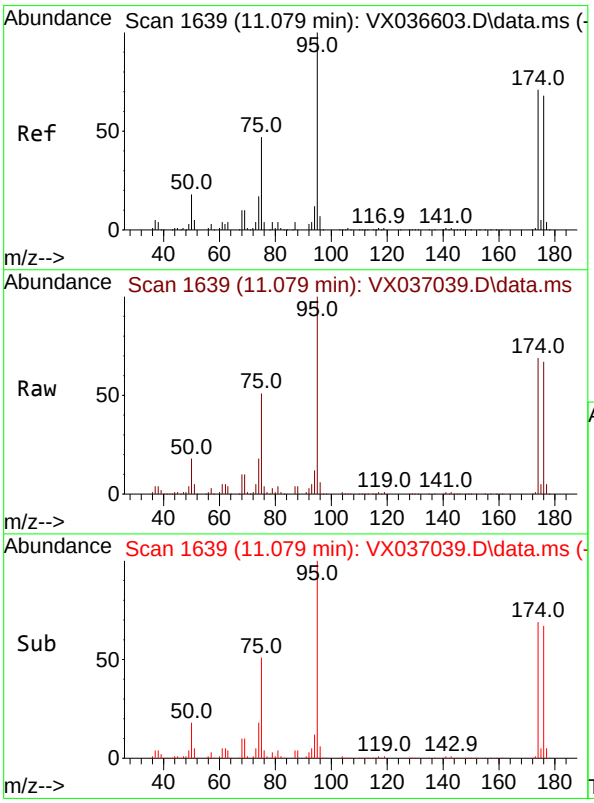
#50
Toluene-d8
Concen: 49.469 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

Tgt Ion: 98 Resp: 291222

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.1	79.7

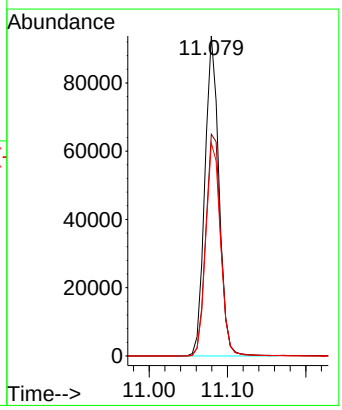


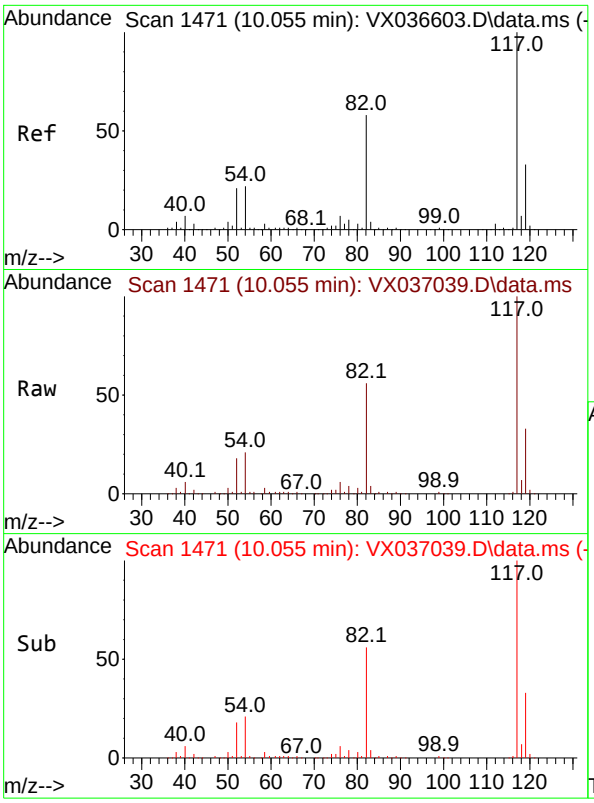


#62
4-Bromofluorobenzene
Concen: 52.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 95 Resp: 116991

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	135.6
176	69.7	0.0	131.0



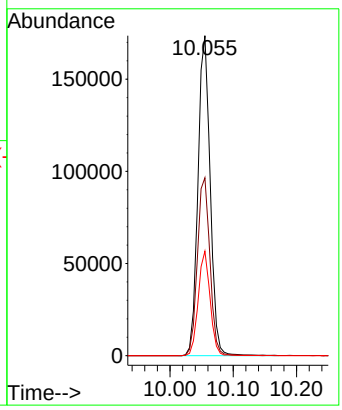


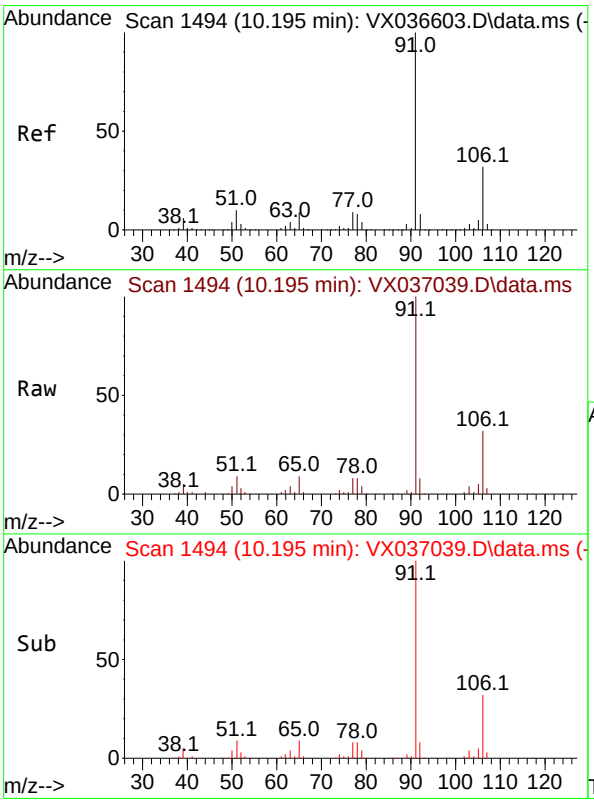
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

Tgt Ion:117 Resp: 233675

Ion	Ratio	Lower	Upper
117	100		
82	55.6	46.2	69.4
119	32.6	25.5	38.3

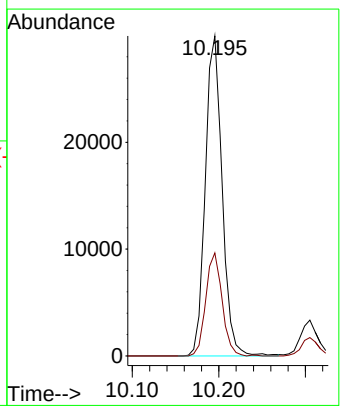


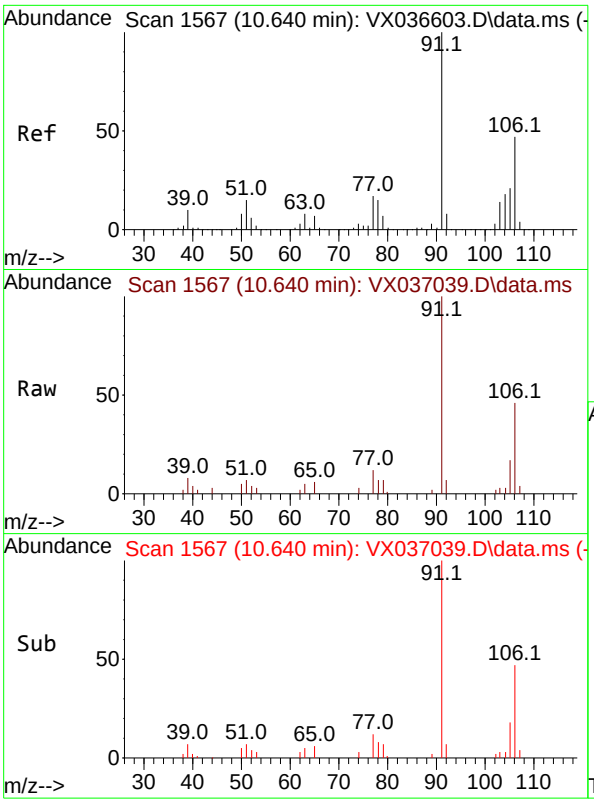


#67
Ethyl Benzene
Concen: 4.298 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 91 Resp: 40442

Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.9	37.3



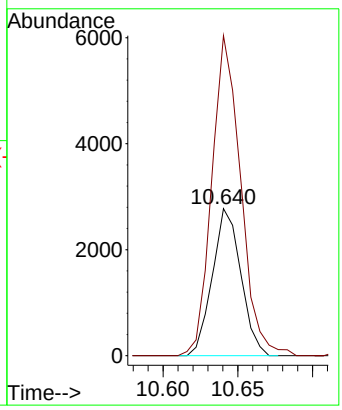


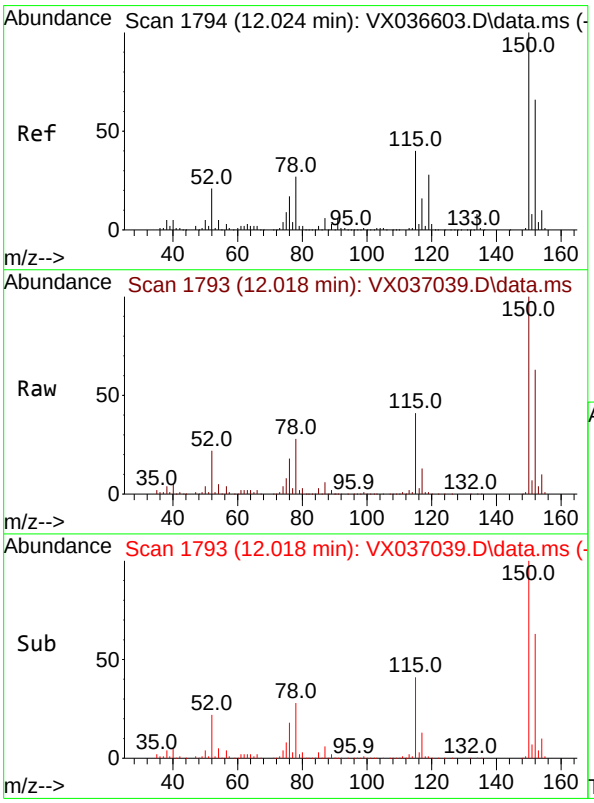
#69
o-Xylene
Concen: 1.048 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

Tgt Ion:106 Resp: 3674

Ion	Ratio	Lower	Upper
106	100		
91	220.7	108.9	326.8

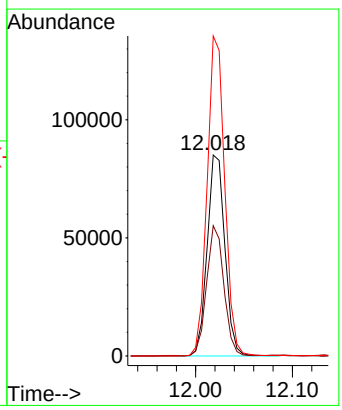


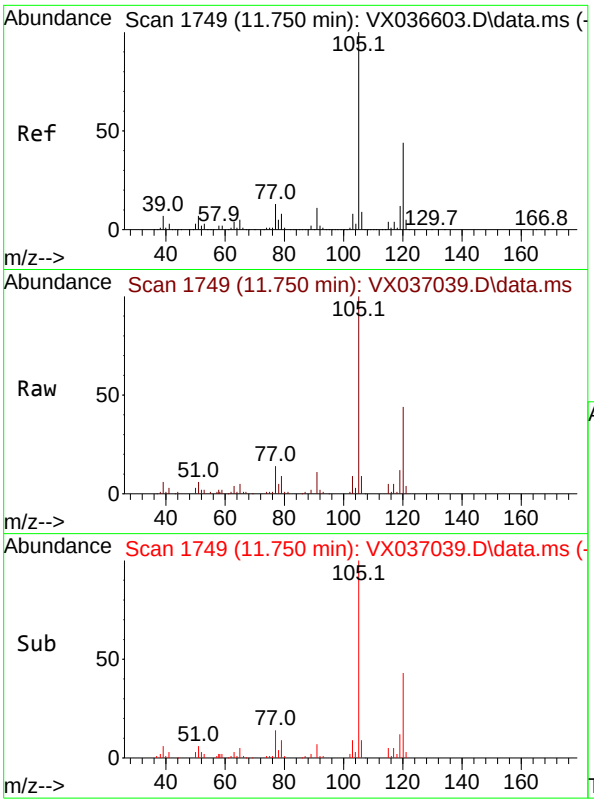


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion:152 Resp: 108603

Ion	Ratio	Lower	Upper
152	100		
115	63.1	43.3	129.9
150	157.8	0.0	345.0





#84
1,2,4-Trimethylbenzene
Concen: 2.492 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

Tgt Ion:105 Resp: 18741

Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.2	63.6