Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
Data File : VX043390.D
Acq On : 15 Oct 2024 09:08
Operator : JC/MD
Sample : VX1015MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBL01

Quant Time: Oct 16 01:49:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	86937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73400	51.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	5.379	113	52628	47.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.680%			
50) Toluene-d8	8.641	98	193109	50.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.240%			
62) 4-Bromofluorobenzene	11.079	95	74988	53.577	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.160%			
Target Compounds						Qvalue

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

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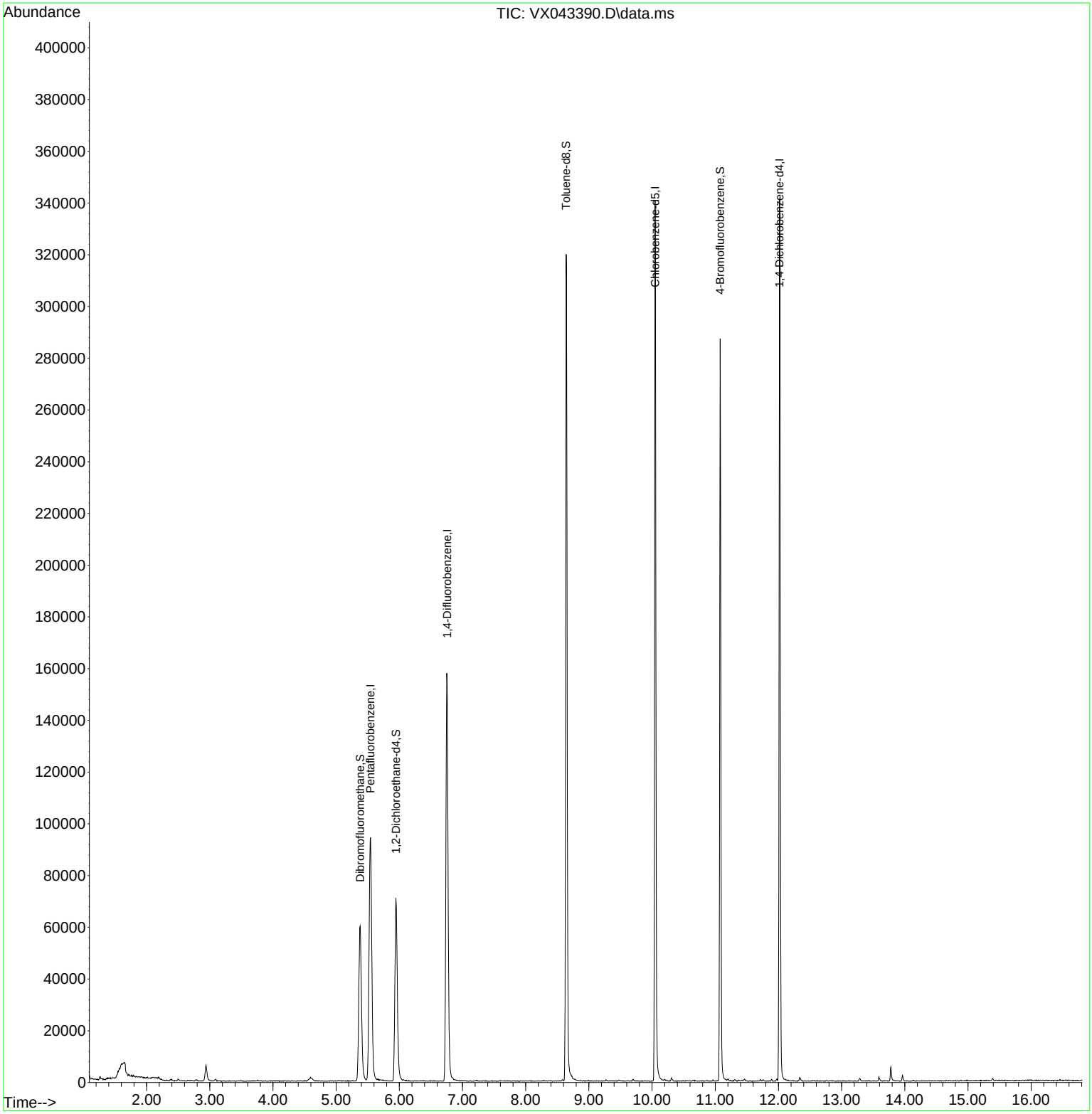
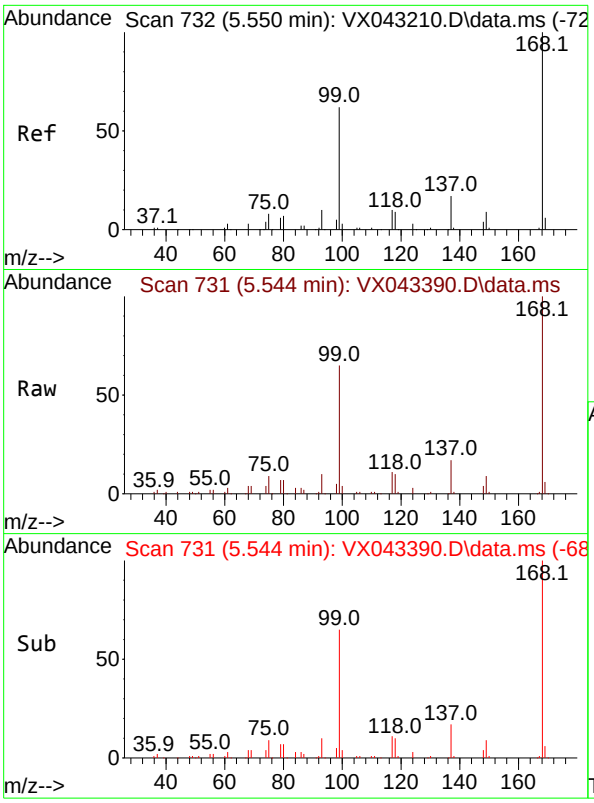


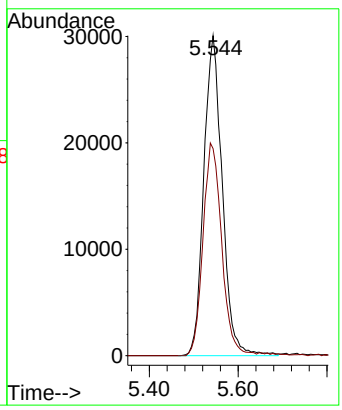


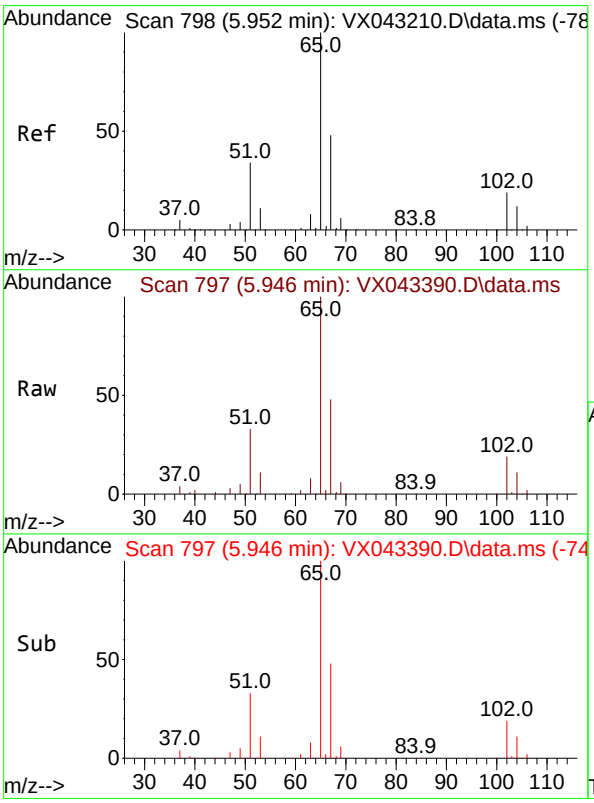
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX043390.D
Acq: 15 Oct 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBL01

Tgt Ion:168 Resp: 86937

Ion	Ratio	Lower	Upper
168	100		
99	64.7	49.7	74.5

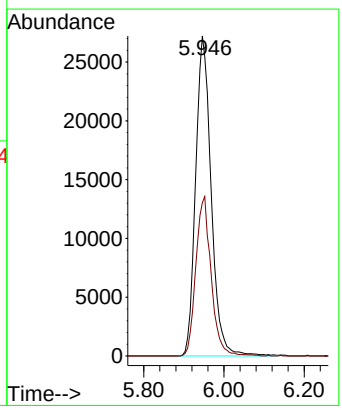


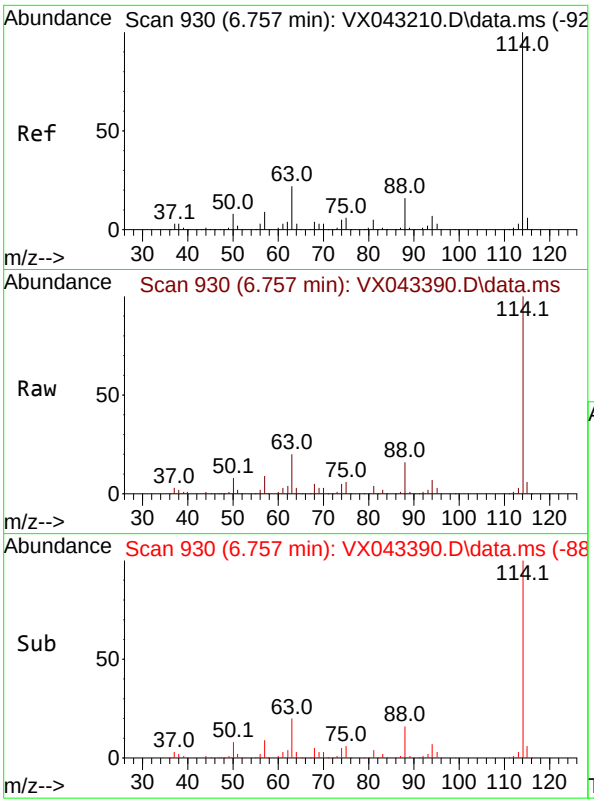


#33
1,2-Dichloroethane-d4
Concen: 51.697 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX043390.D
Acq: 15 Oct 2024 09:08

Tgt Ion: 65 Resp: 73400

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	99.0



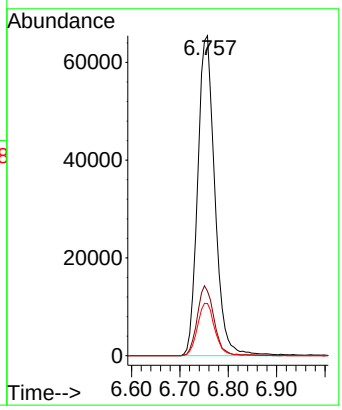


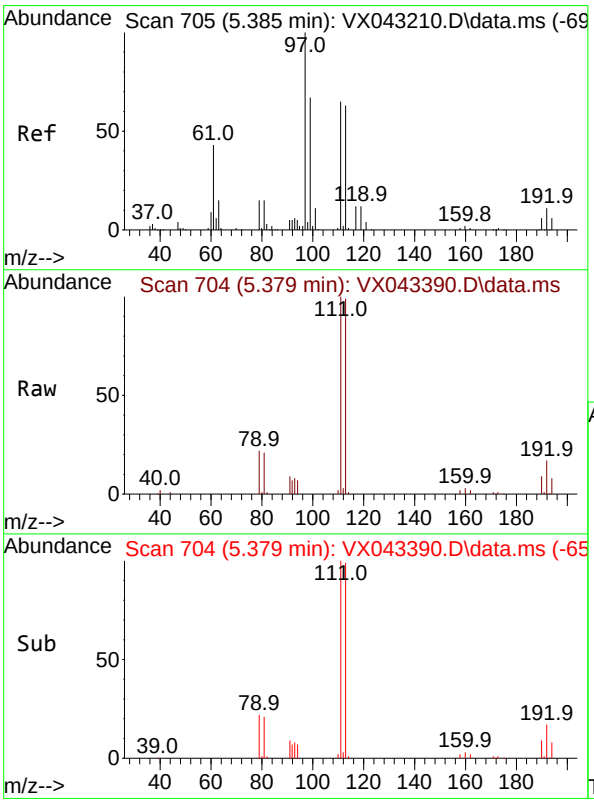
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX043390.D
Acq: 15 Oct 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBL01

Tgt Ion:114 Resp: 161203

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.0
88	16.3	0.0	33.0

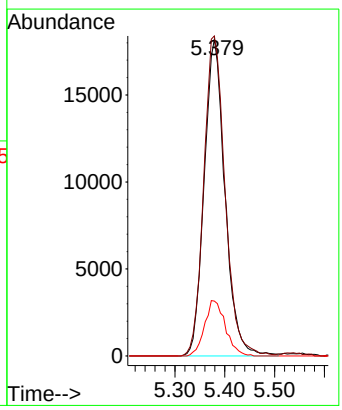


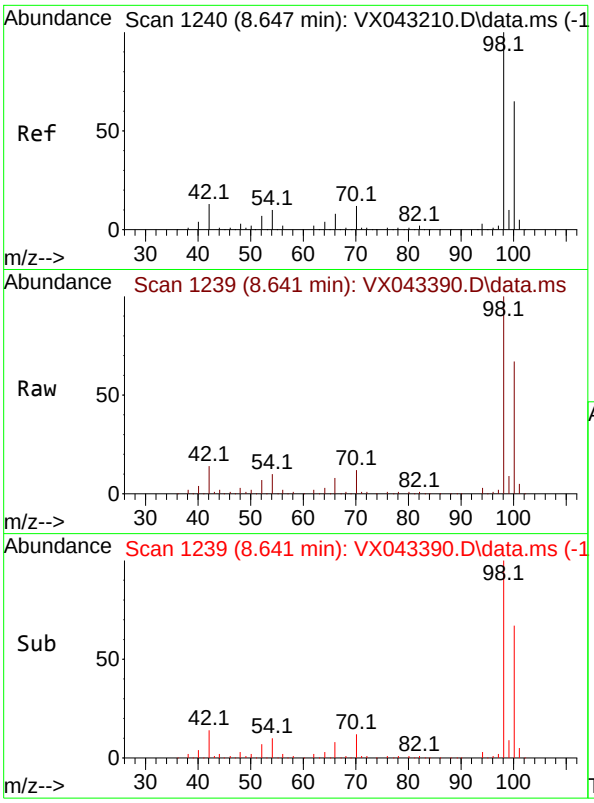


#35
Dibromofluoromethane
Concen: 47.339 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043390.D
Acq: 15 Oct 2024 09:08

Tgt Ion:113 Resp: 52628

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.0
192	17.6	14.1	21.1



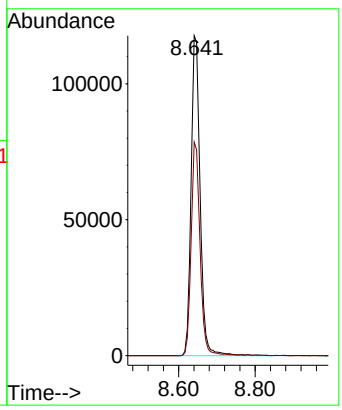


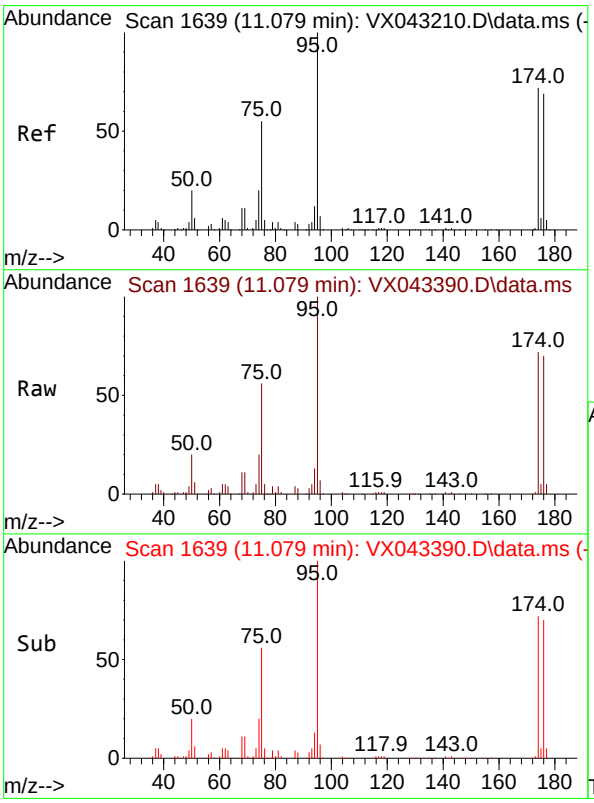
#50
Toluene-d8
Concen: 50.124 ug/l
RT: 8.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX043390.D
Acq: 15 Oct 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBL01

Tgt Ion: 98 Resp: 193109

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6

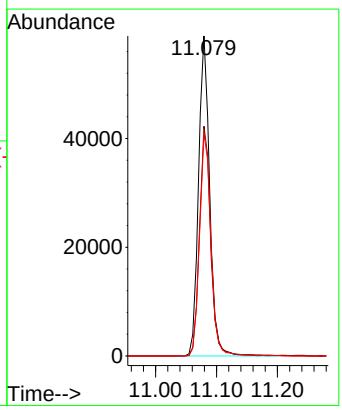


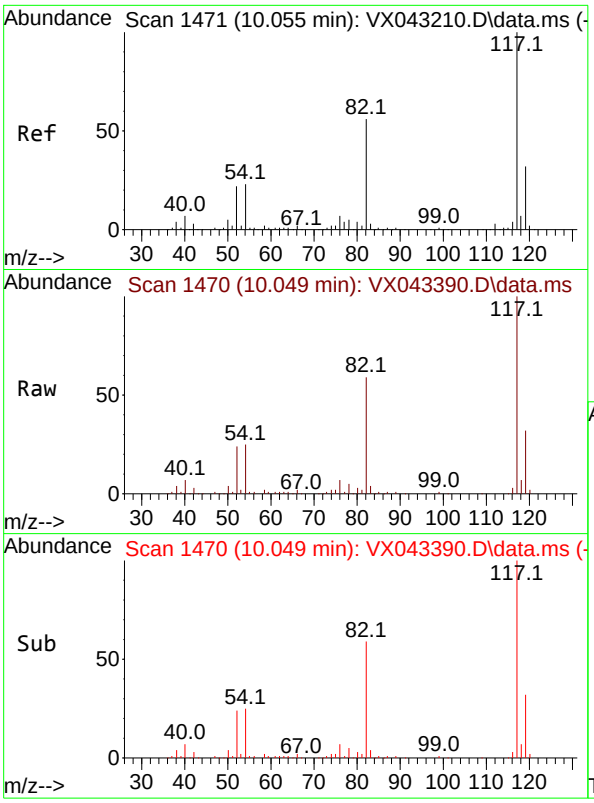


#62
4-Bromofluorobenzene
Concen: 53.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043390.D
Acq: 15 Oct 2024 09:08

Tgt Ion: 95 Resp: 74988

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	145.0
176	70.7	0.0	143.0



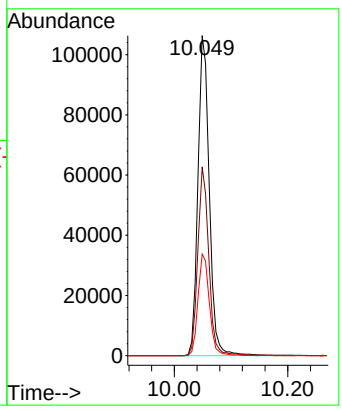


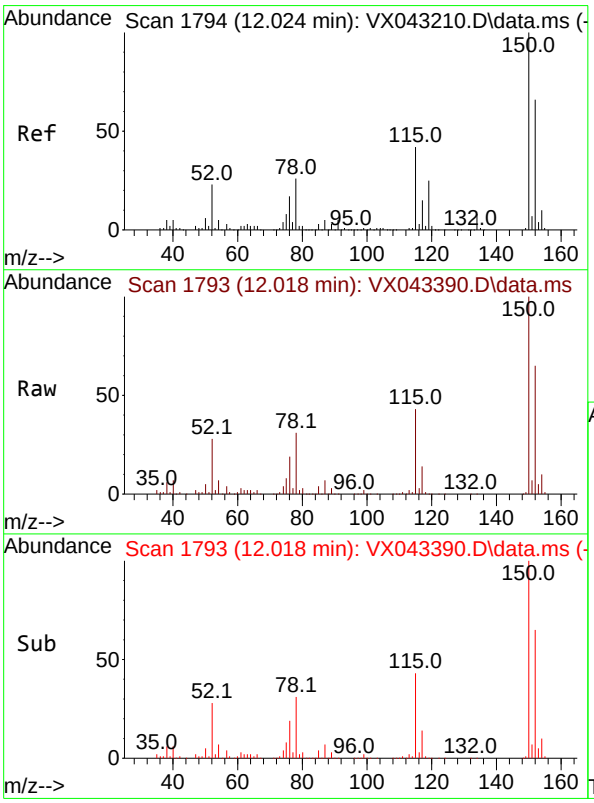
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX043390.D
Acq: 15 Oct 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBL01

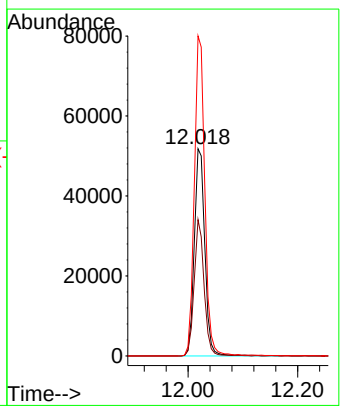
Tgt Ion:117 Resp: 147754

Ion	Ratio	Lower	Upper
117	100		
82	59.0	45.0	67.6
119	31.8	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043390.D
Acq: 15 Oct 2024 09:08

Tgt Ion:152 Resp: 69484

Ion	Ratio	Lower	Upper
152	100		
115	62.0	44.1	132.3
150	153.5	0.0	347.4