Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
Data File : VX040355.D
Acq On : 20 Feb 2024 14:39
Operator : JC/MD
Sample : P1440-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

Quant Time: Feb 21 01:14:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	74873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58878	52.858	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.720%			
35) Dibromofluoromethane	5.385	113	44318	48.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.100%			
50) Toluene-d8	8.647	98	164064	47.554	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.100%			
62) 4-Bromofluorobenzene	11.079	95	65373	46.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.920%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	3389	15.620	ug/l	96
16) Acetone	2.380	43	6349	13.878	ug/l	99
20) Methylene Chloride	2.788	84	4786	4.117	ug/l	97
60) Dibromochloromethane	9.525	129	1755	1.707	ug/l	90
71) Bromoform	10.799	173	2868	5.171	ug/l #	99

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

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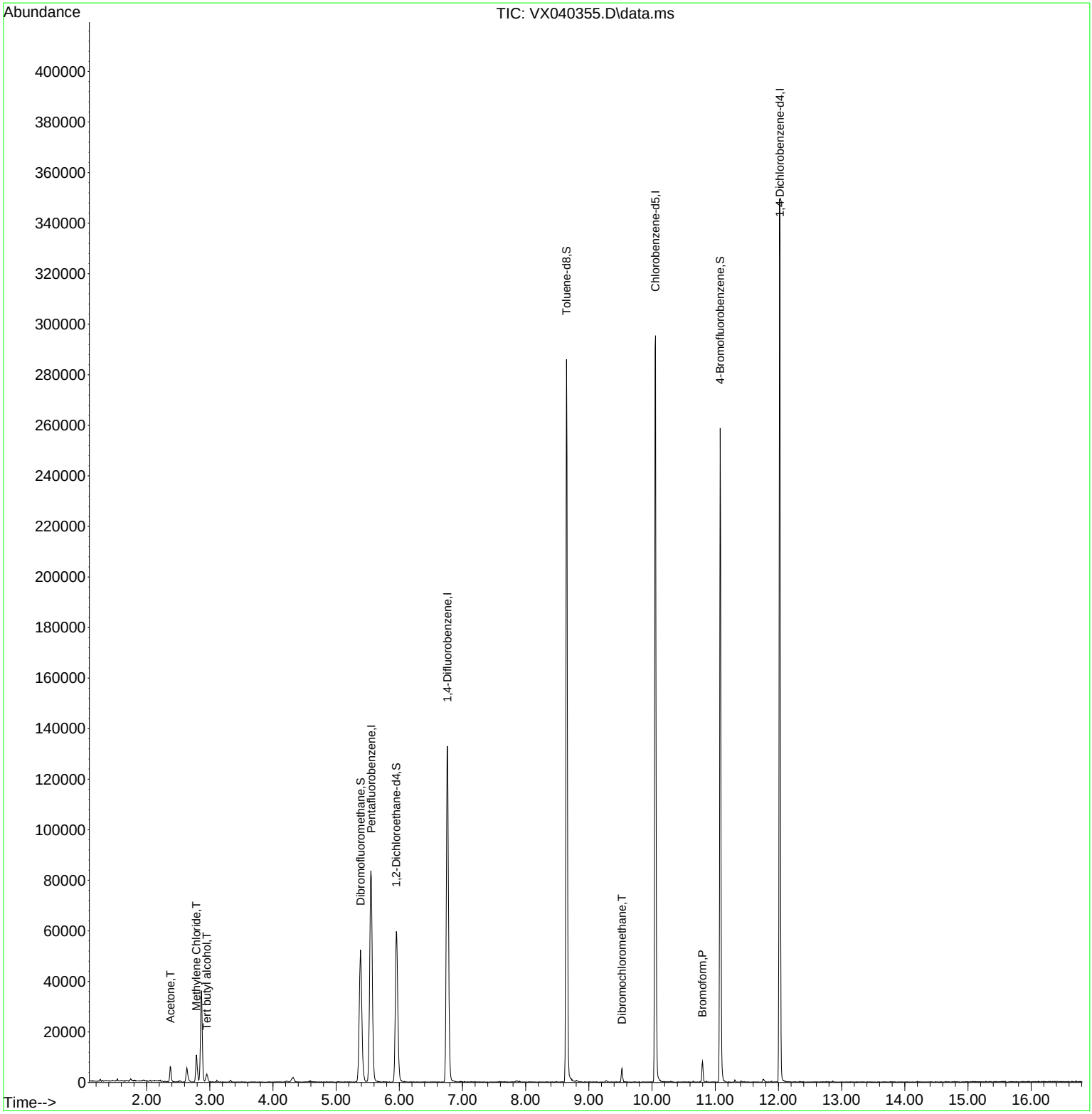
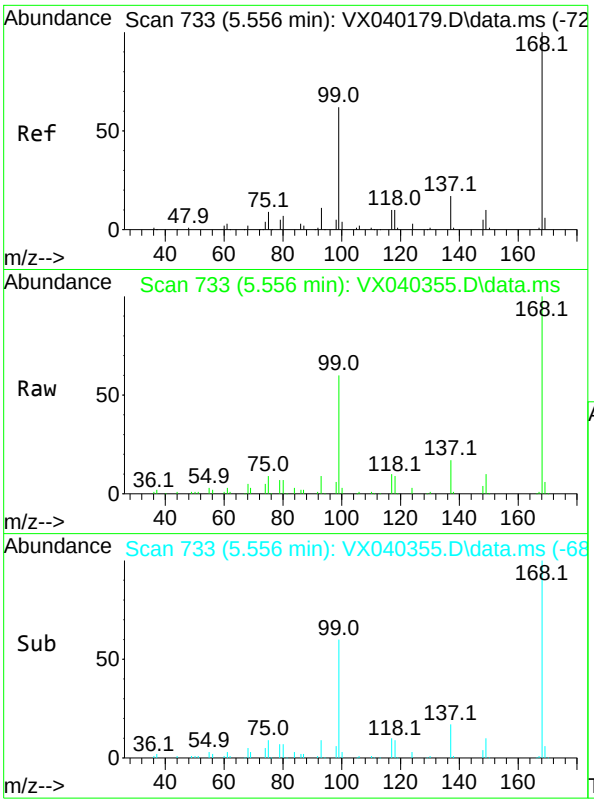


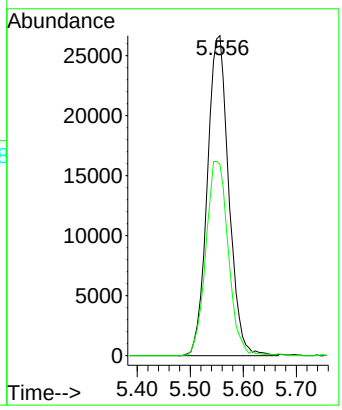


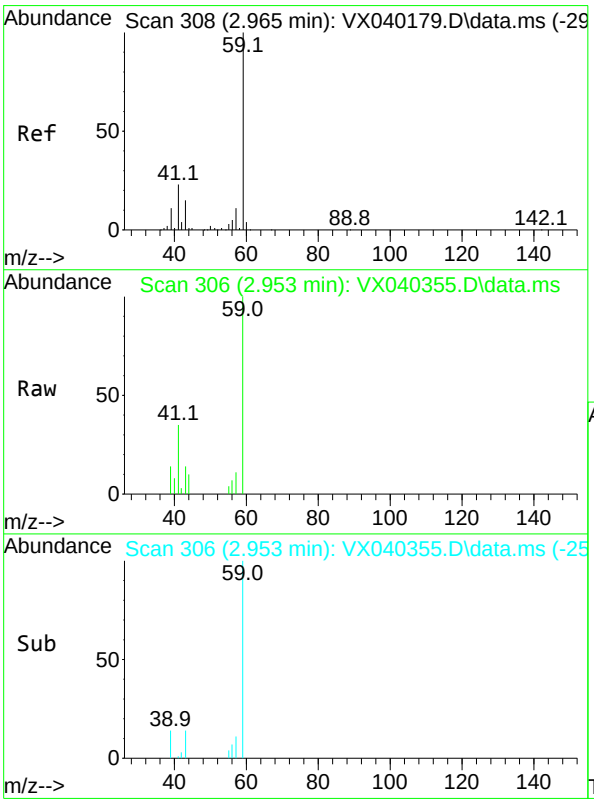
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

Tgt Ion:168 Resp: 74873

Ion	Ratio	Lower	Upper
168	100		
99	59.8	56.6	85.0

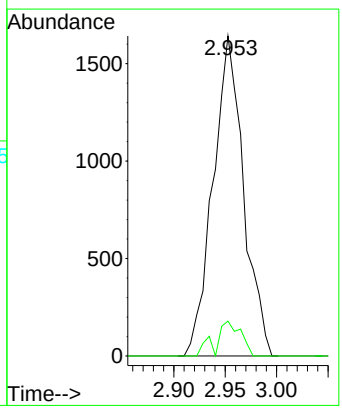


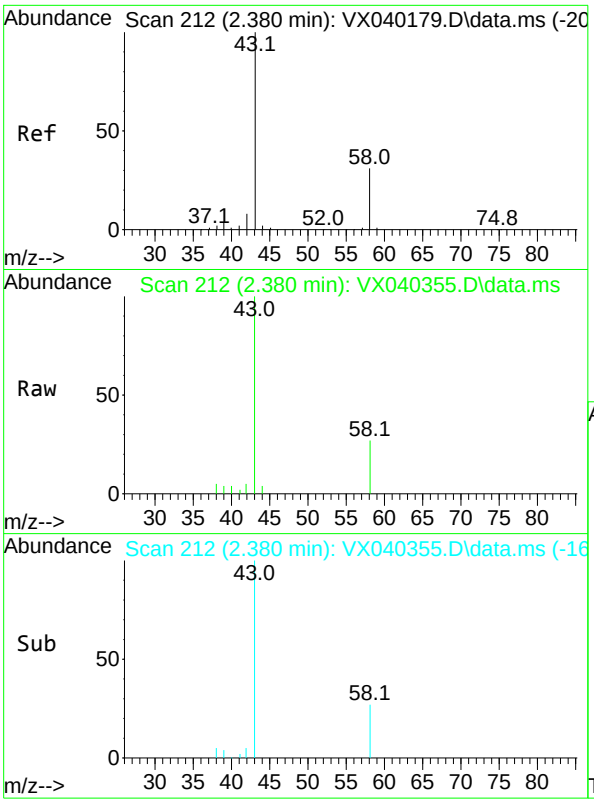


#11
Tert butyl alcohol
Concen: 15.620 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 59 Resp: 3389

Ion	Ratio	Lower	Upper
59	100		
57	8.9	6.0	9.0



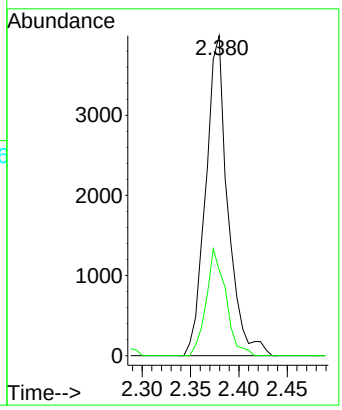


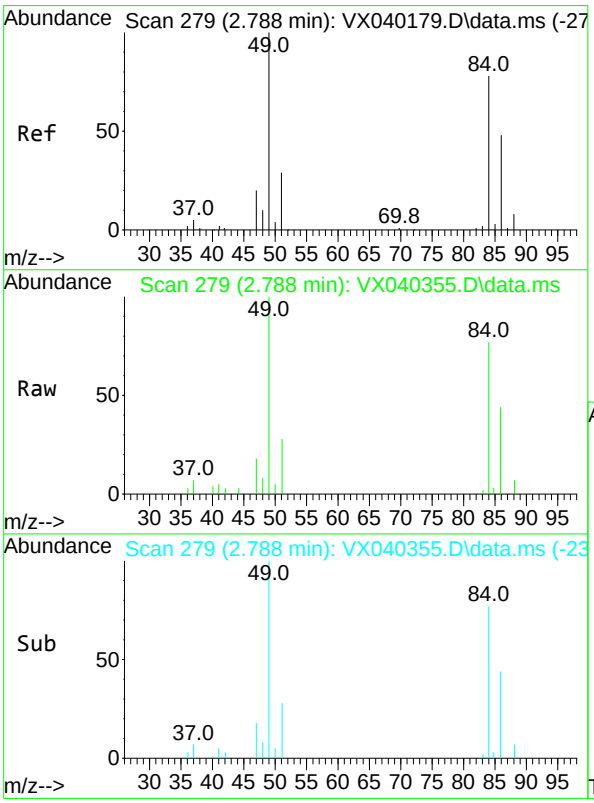
#16
Acetone
Concen: 13.878 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

Tgt Ion: 43 Resp: 6349

Ion	Ratio	Lower	Upper
43	100		
58	26.8	21.9	32.9

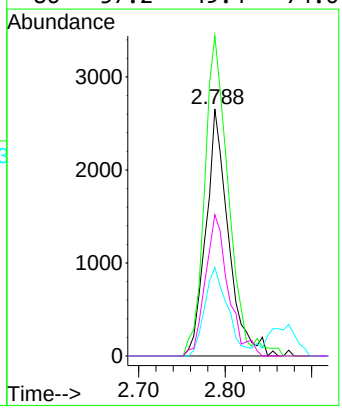


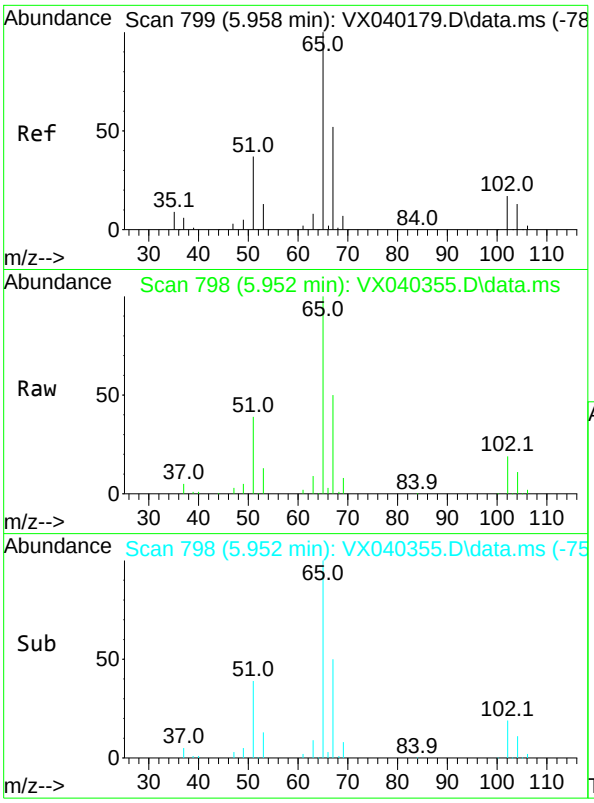


#20
Methylene Chloride
Concen: 4.117 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 84 Resp: 4786

Ion	Ratio	Lower	Upper
84	100		
49	129.5	103.6	155.4
51	35.8	33.8	50.6
86	57.2	49.4	74.0



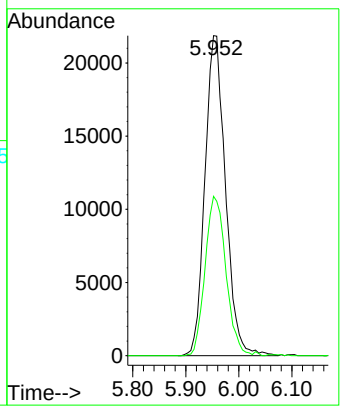


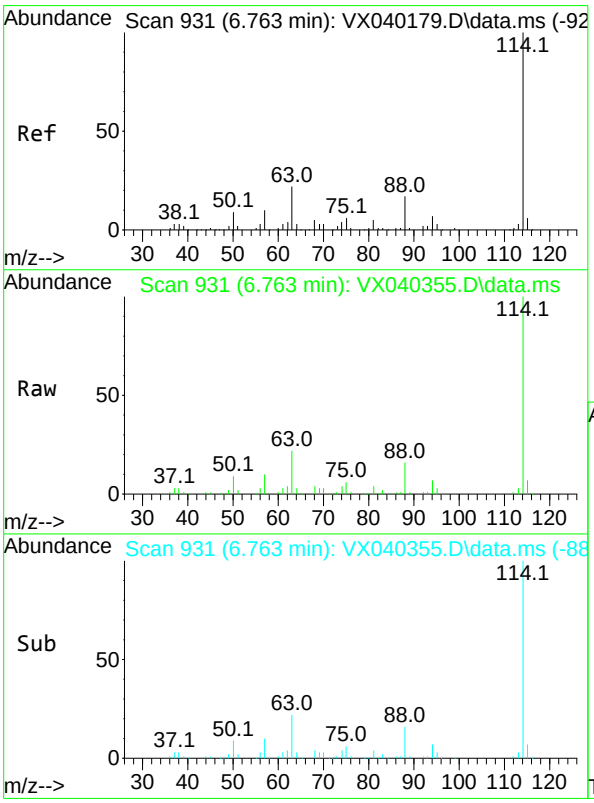
#33
1,2-Dichloroethane-d4
Concen: 52.858 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

Tgt Ion: 65 Resp: 58878

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	100.2

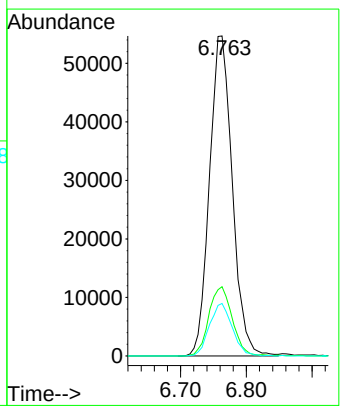


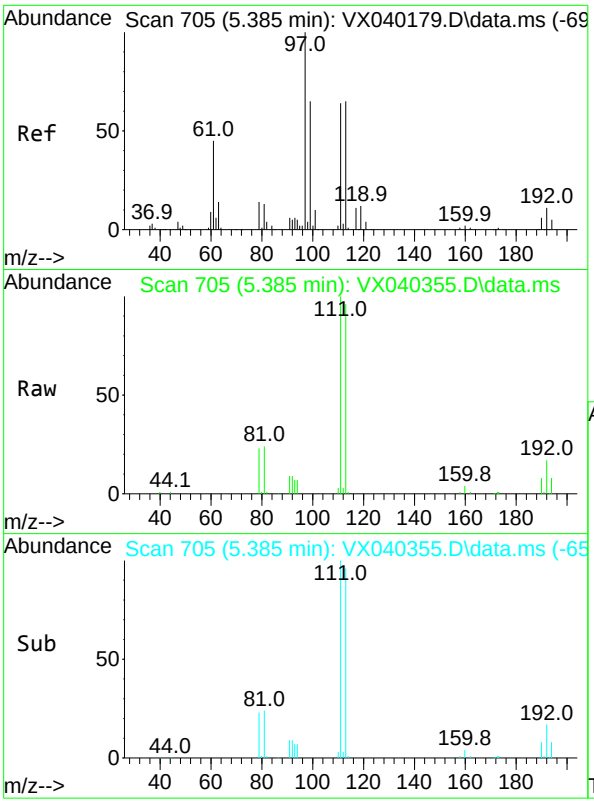


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion:114 Resp: 132069

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	45.0
88	16.4	0.0	36.6



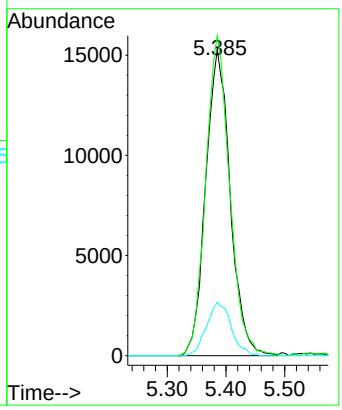


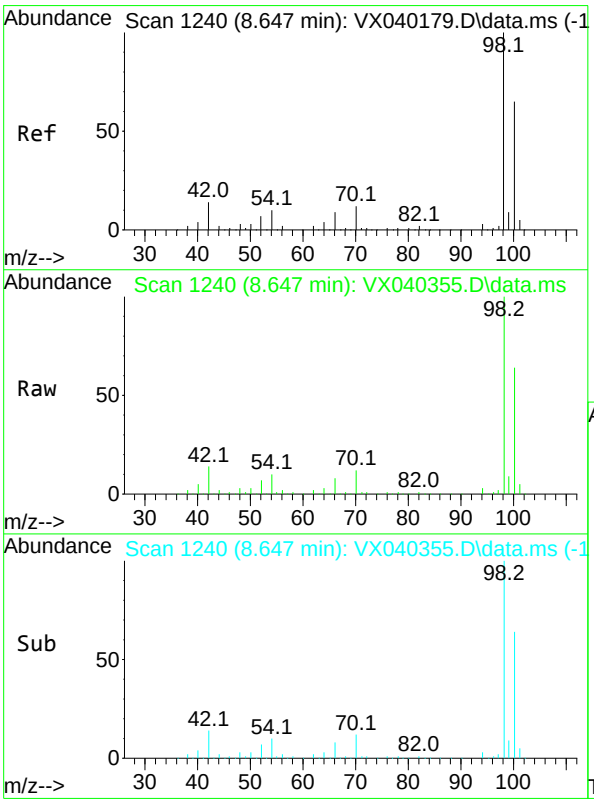
#35
Dibromofluoromethane
Concen: 48.052 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

Tgt Ion:113 Resp: 44318

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	17.6	13.3	19.9

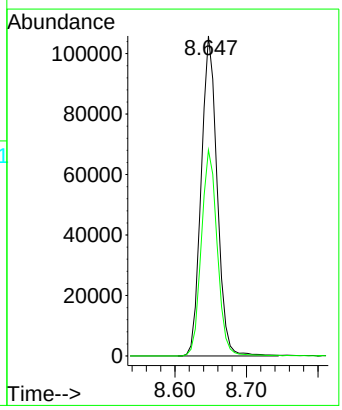


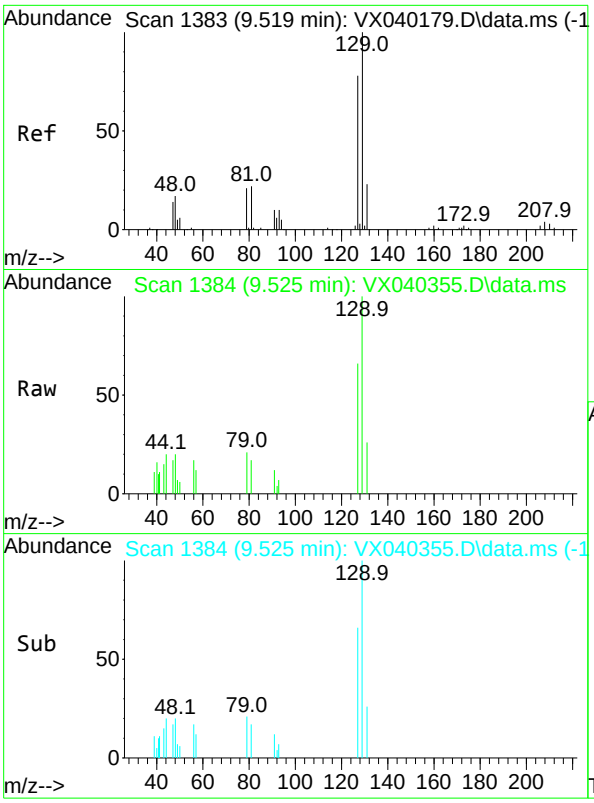


#50
Toluene-d8
Concen: 47.554 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 98 Resp: 164064

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.1	79.7



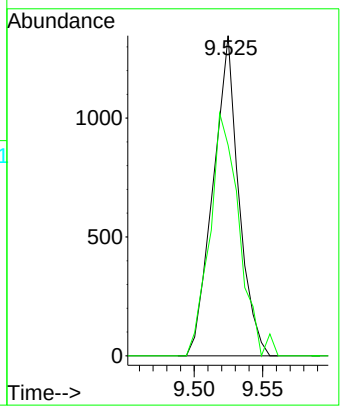


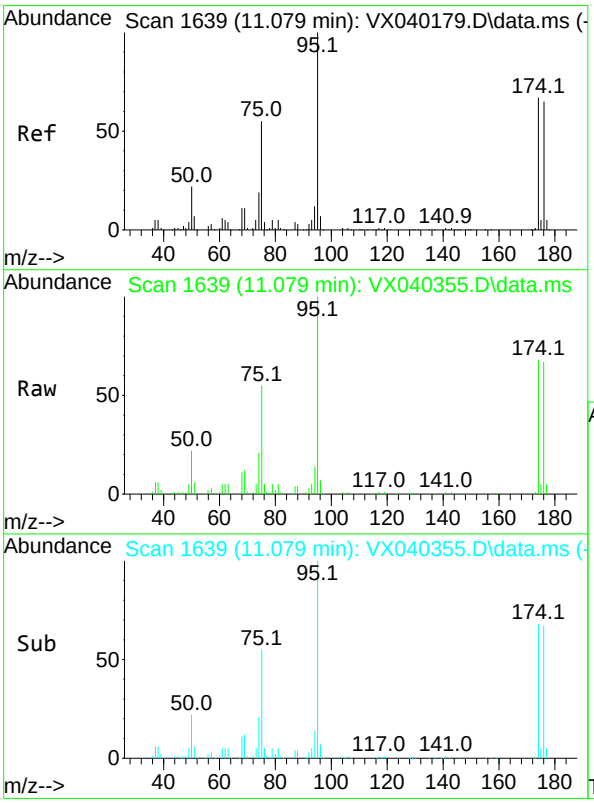
#60
Dibromochloromethane
Concen: 1.707 ug/l
RT: 9.525 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

Tgt Ion:129 Resp: 1755

Ion	Ratio	Lower	Upper
129	100		
127	86.3	38.8	116.4

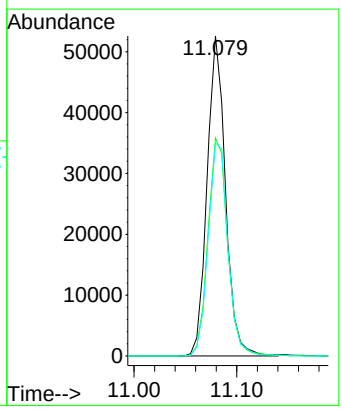


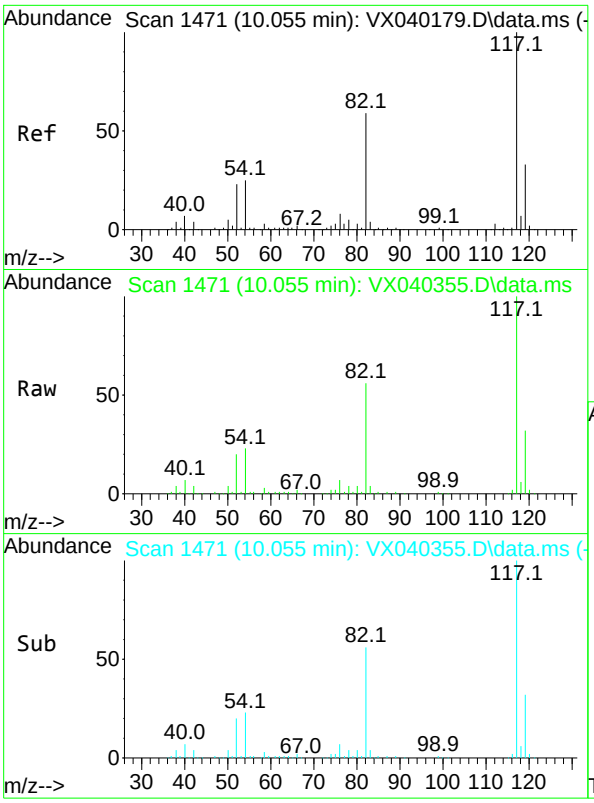


#62
4-Bromofluorobenzene
Concen: 46.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 95 Resp: 65373

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	135.6
176	71.5	0.0	131.0



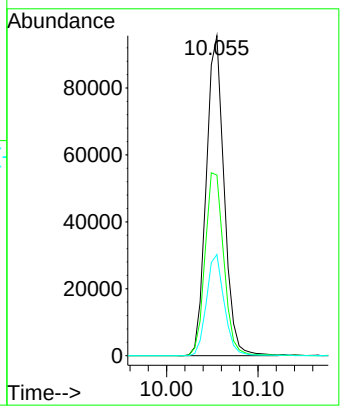


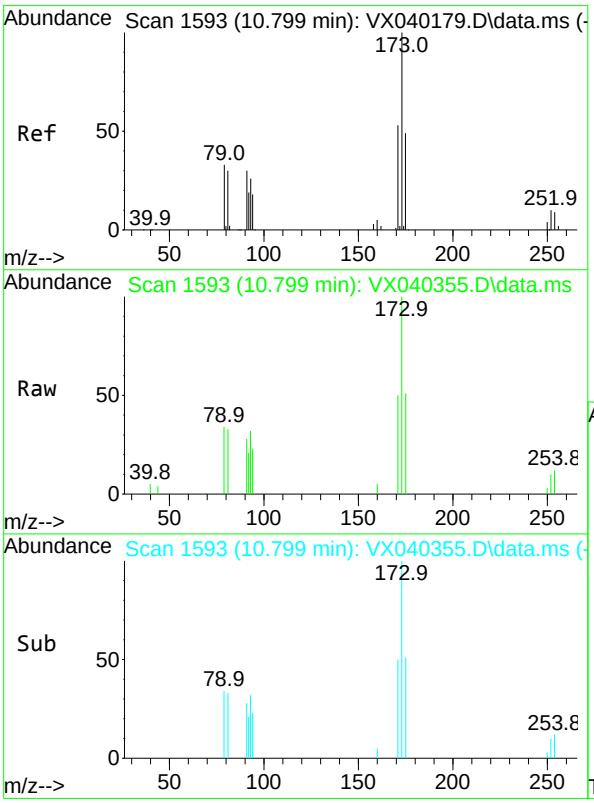
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

Tgt Ion:117 Resp: 129785

Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.2	69.4
119	31.6	25.5	38.3

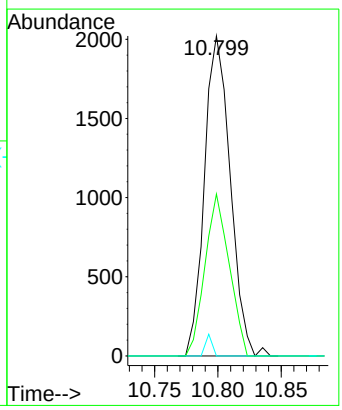


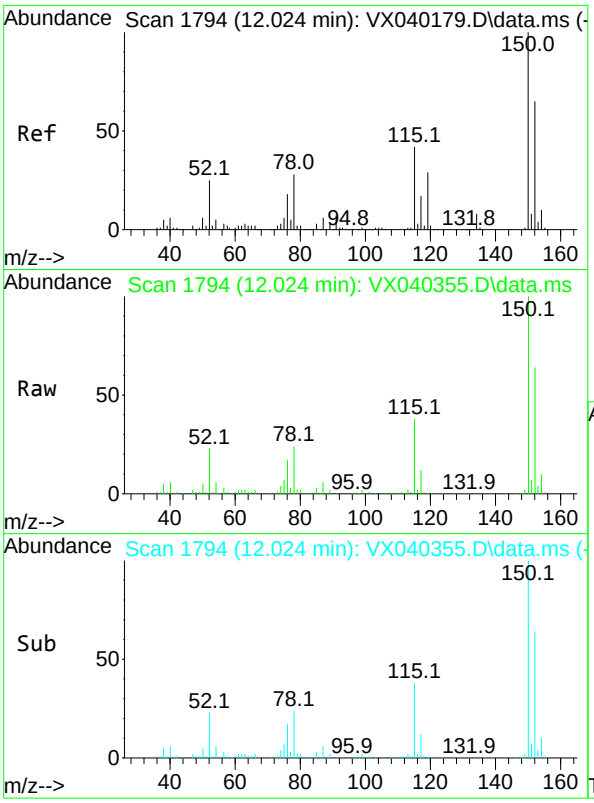


#71
Bromoform
Concen: 5.171 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion:173 Resp: 2868

Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.1	72.4
254	1.7	0.0	0.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

Tgt Ion:152 Resp: 69045

Ion	Ratio	Lower	Upper
152	100		
115	62.8	43.3	129.9
150	155.2	0.0	345.0