Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
Data File : VX030781.D
Acq On : 25 Aug 2022 19:09
Operator : JC/MD
Sample : N4245-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20220816

Quant Time: Aug 26 02:41:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	219726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	373183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129244	50.006	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.020%			
35) Dibromofluoromethane	5.391	113	113093	49.310	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.620%			
50) Toluene-d8	8.653	98	423399	52.977	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.960%			
62) 4-Bromofluorobenzene	11.085	95	139404	46.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.700%			
Target Compounds						Qvalue
16) Acetone	2.380	43	5914	4.952	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	5593	0.811	ug/l	96
30) Chloroform	5.105	83	2149	0.487	ug/l #	76
44) Trichloroethene	7.141	130	2740	1.015	ug/l	88
64) Tetrachloroethene	9.275	164	1390	0.555	ug/l #	80

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

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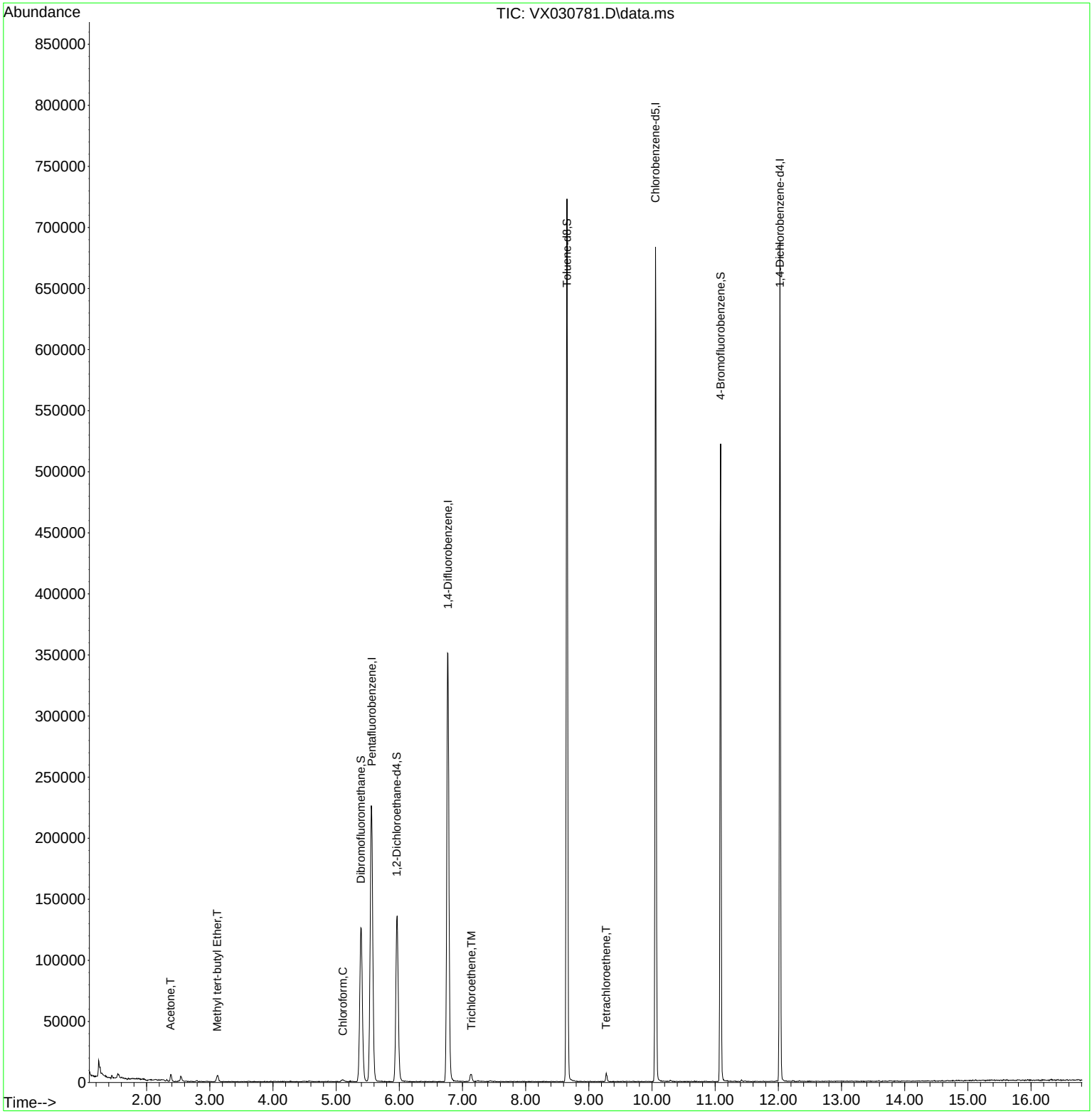
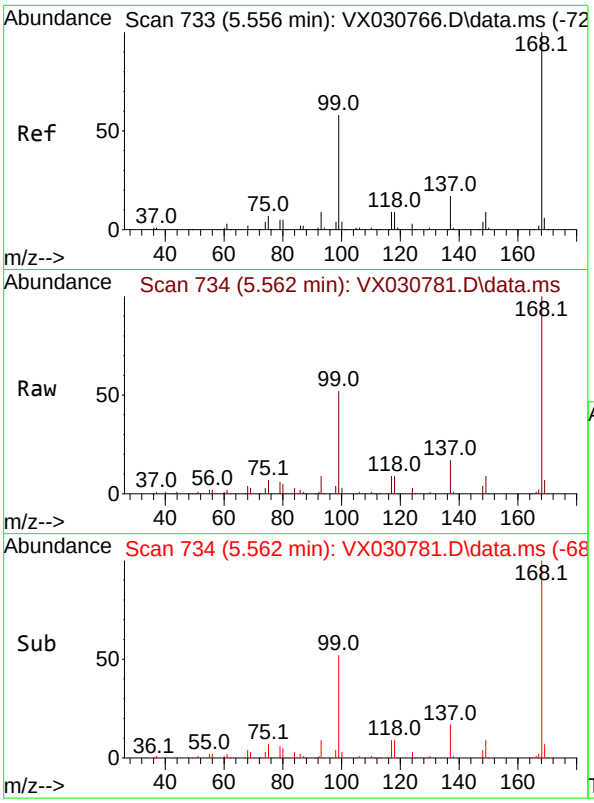


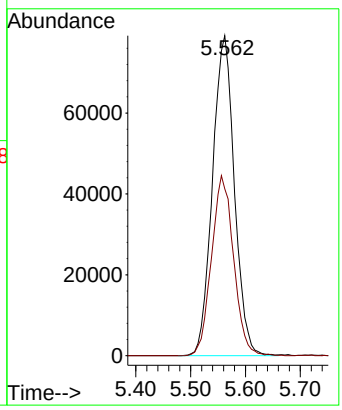


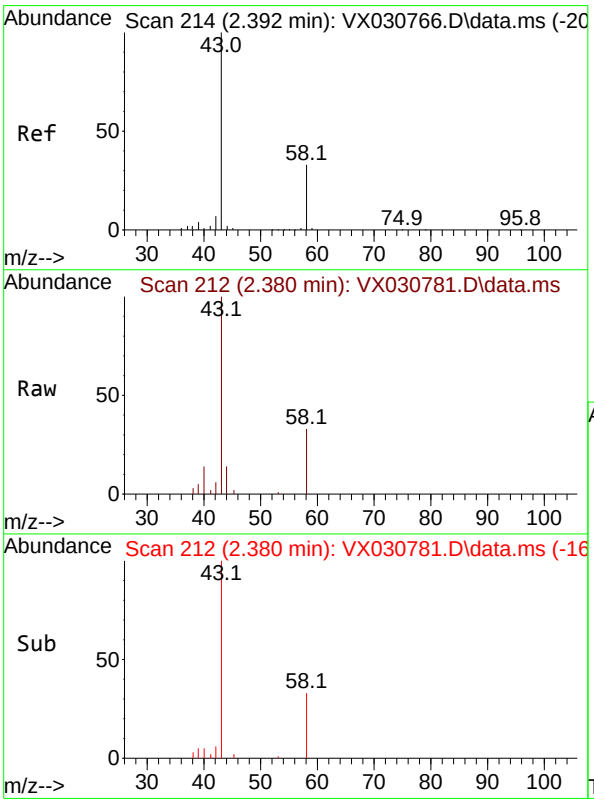
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20220816

Tgt Ion:168 Resp: 219726

Ion	Ratio	Lower	Upper
168	100		
99	52.2	44.0	66.0

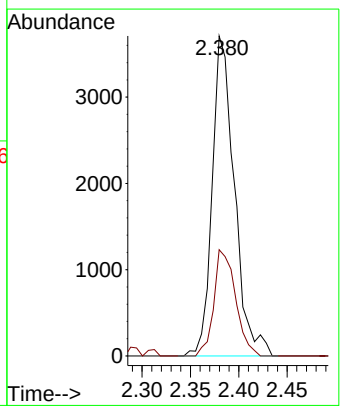


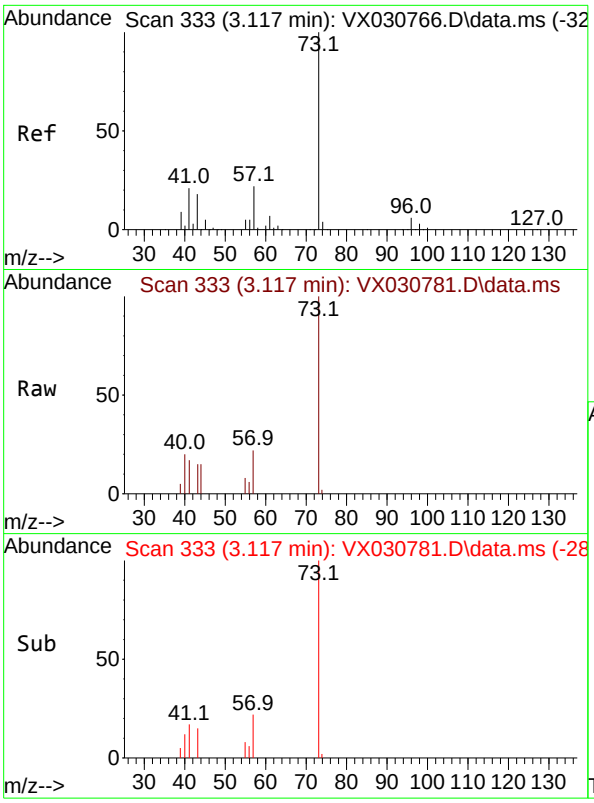


#16
Acetone
Concen: 4.952 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Tgt Ion: 43 Resp: 5914

Ion	Ratio	Lower	Upper
43	100		
58	33.2	27.7	41.5



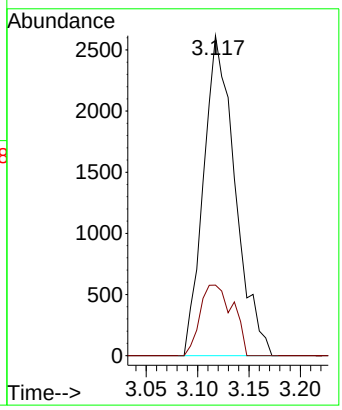


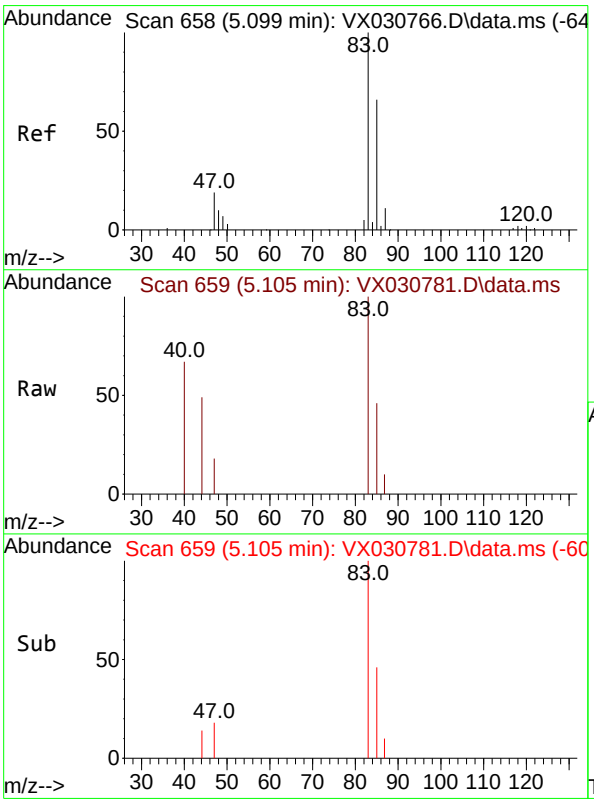
#19
Methyl tert-butyl Ether
Concen: 0.811 ug/l
RT: 3.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20220816

Tgt Ion: 73 Resp: 5593

Ion	Ratio	Lower	Upper
73	100		
57	22.0	19.0	28.6

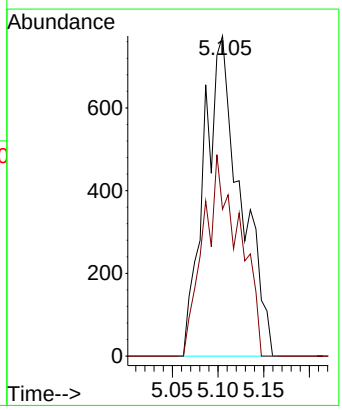


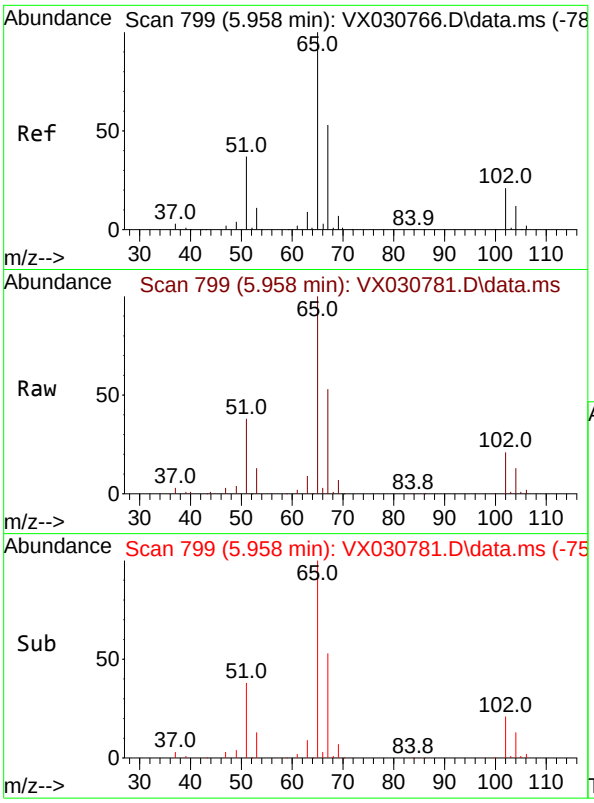


#30
Chloroform
Concen: 0.487 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Tgt Ion: 83 Resp: 2149

Ion	Ratio	Lower	Upper
83	100		
85	45.9	51.5	77.3#



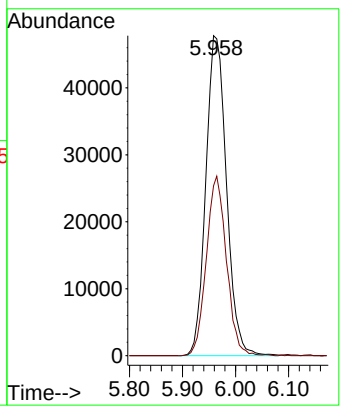


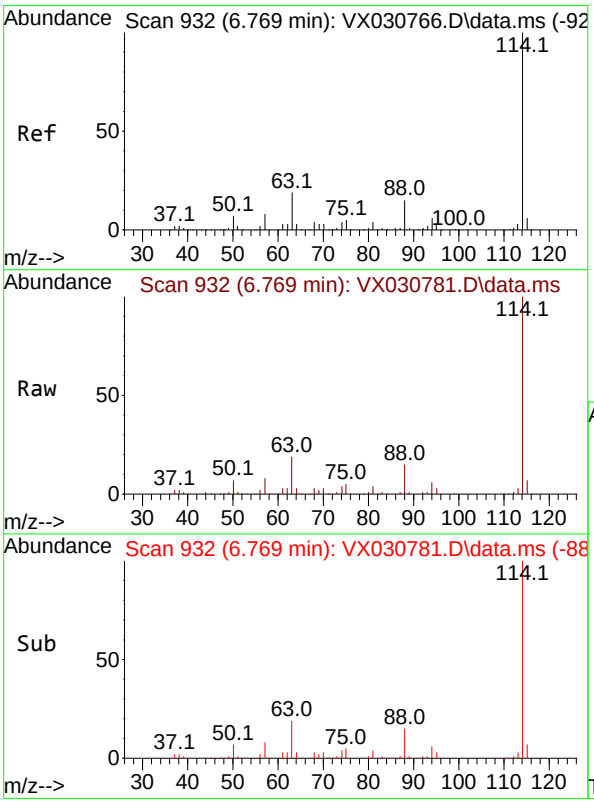
#33
1,2-Dichloroethane-d4
Concen: 50.006 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20220816

Tgt Ion: 65 Resp: 129244

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.6

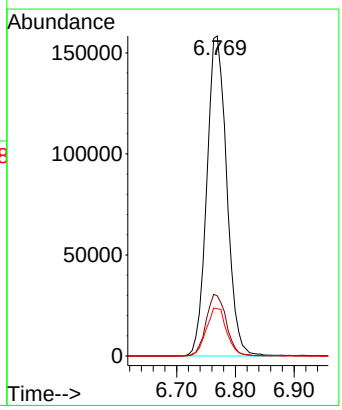


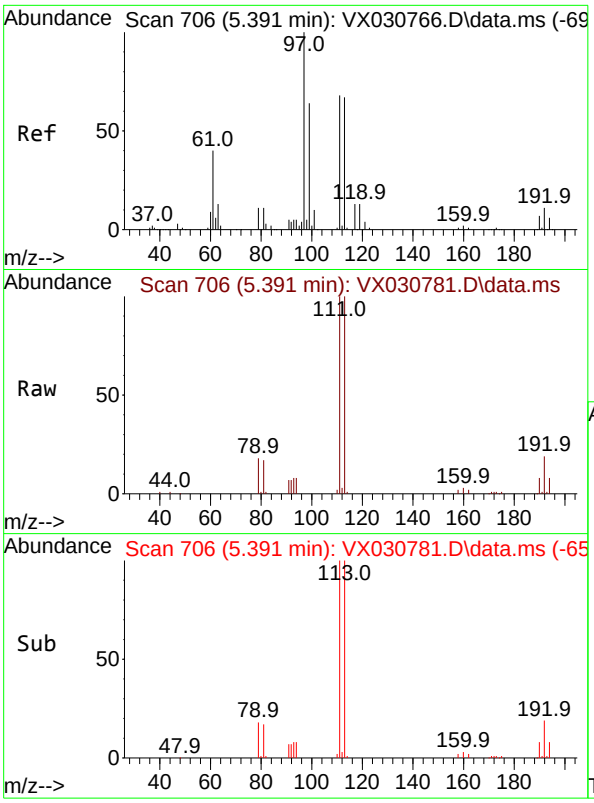


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Tgt Ion:114 Resp: 373183

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	14.7	0.0	31.8



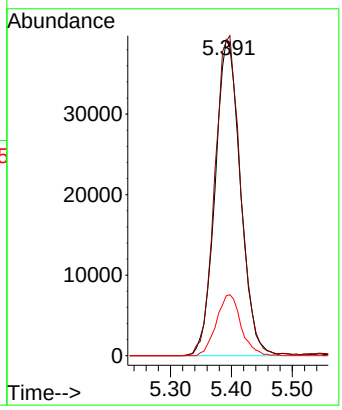


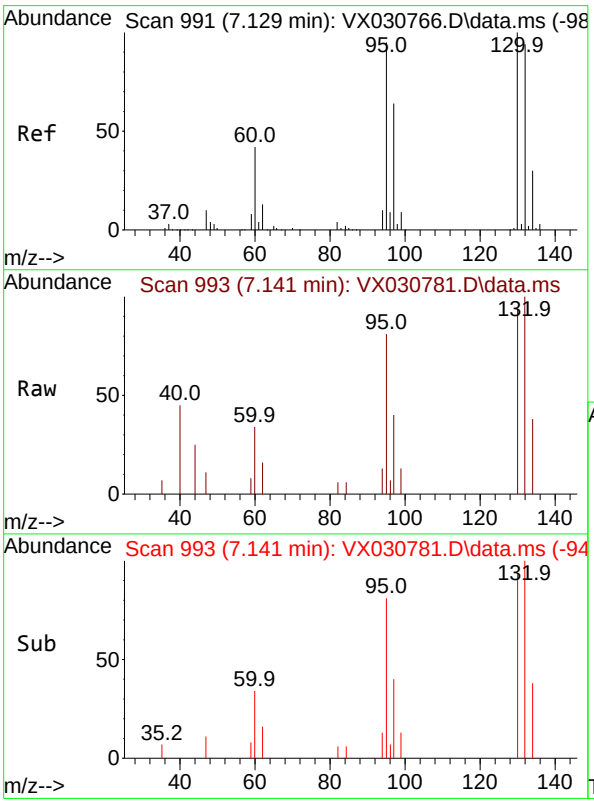
#35
Dibromofluoromethane
Concen: 49.310 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20220816

Tgt Ion:113 Resp: 113093

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.2	124.8
192	18.8	14.8	22.2

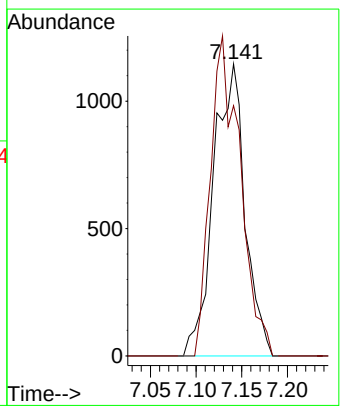


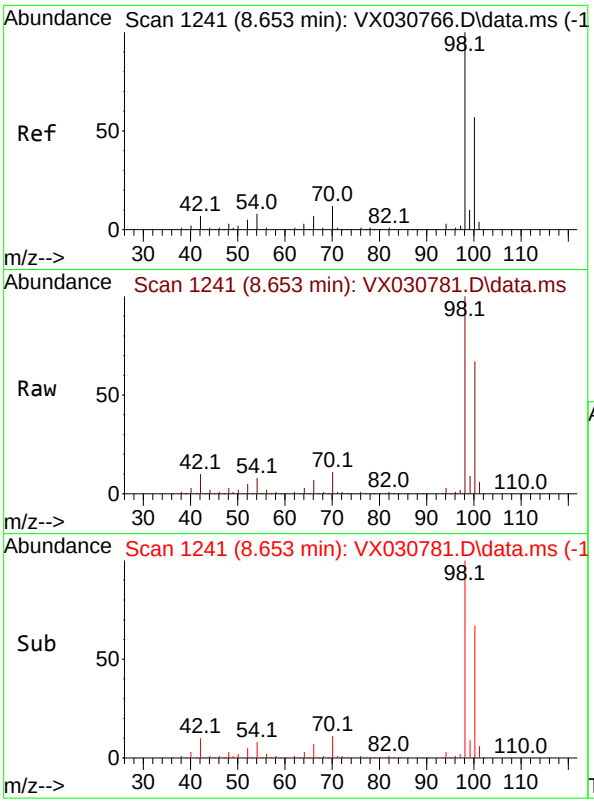


#44
Trichloroethene
Concen: 1.015 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Tgt Ion:130 Resp: 2740

Ion	Ratio	Lower	Upper
130	100		
95	85.7	0.0	194.8



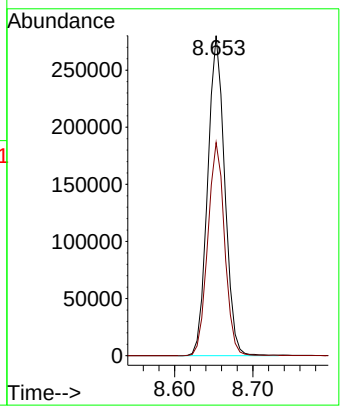


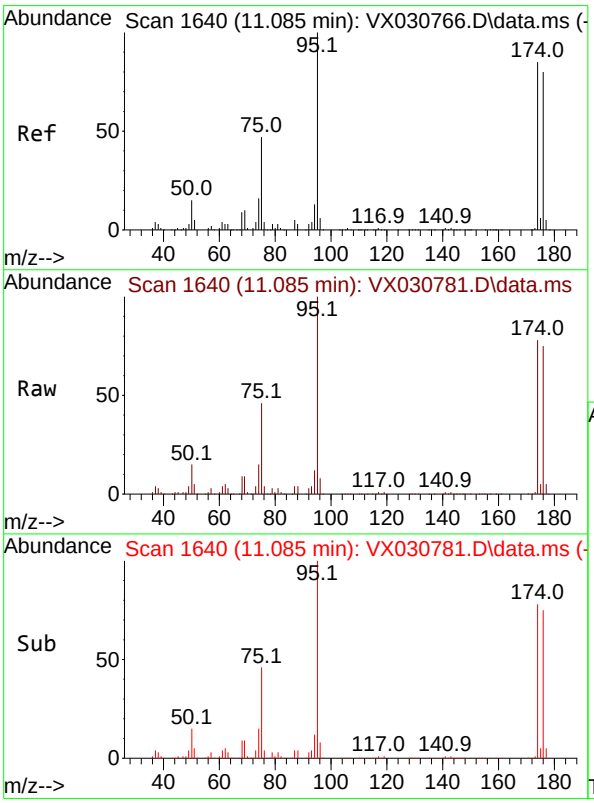
#50
Toluene-d8
Concen: 52.977 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20220816

Tgt Ion: 98 Resp: 423399

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.3	78.5

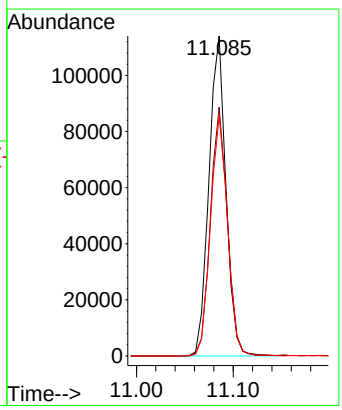


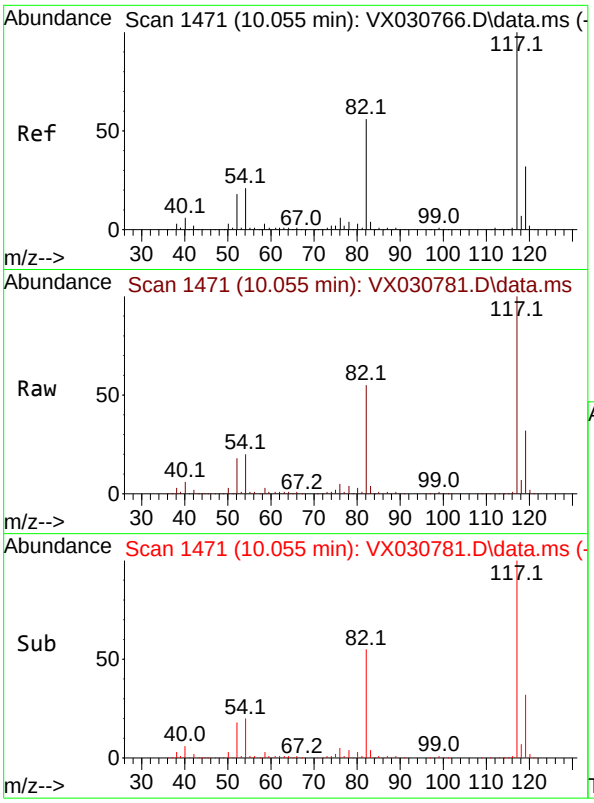


#62
4-Bromofluorobenzene
Concen: 46.851 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Tgt Ion: 95 Resp: 139404

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	149.0
176	75.2	0.0	146.0



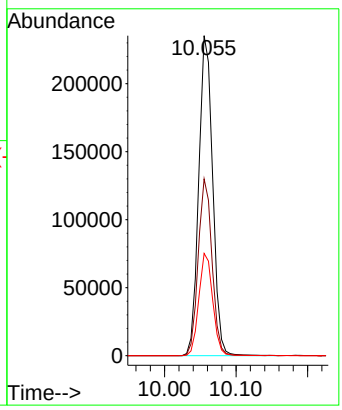


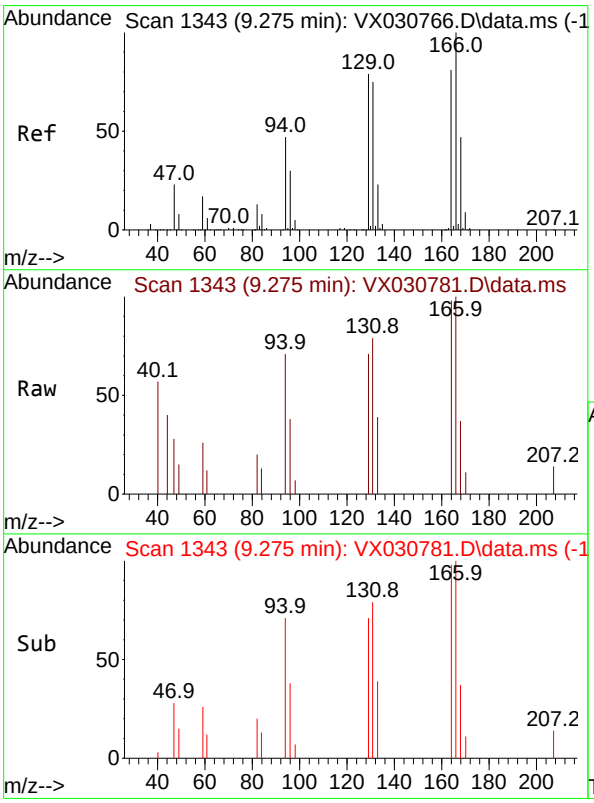
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20220816

Tgt Ion:117 Resp: 318081

Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.7	64.1
119	32.0	25.4	38.2

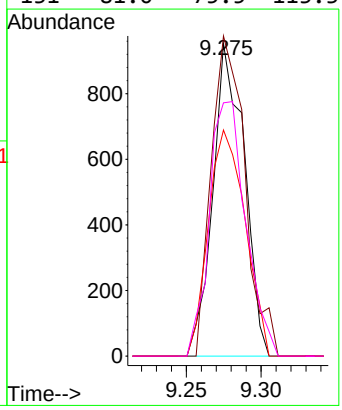


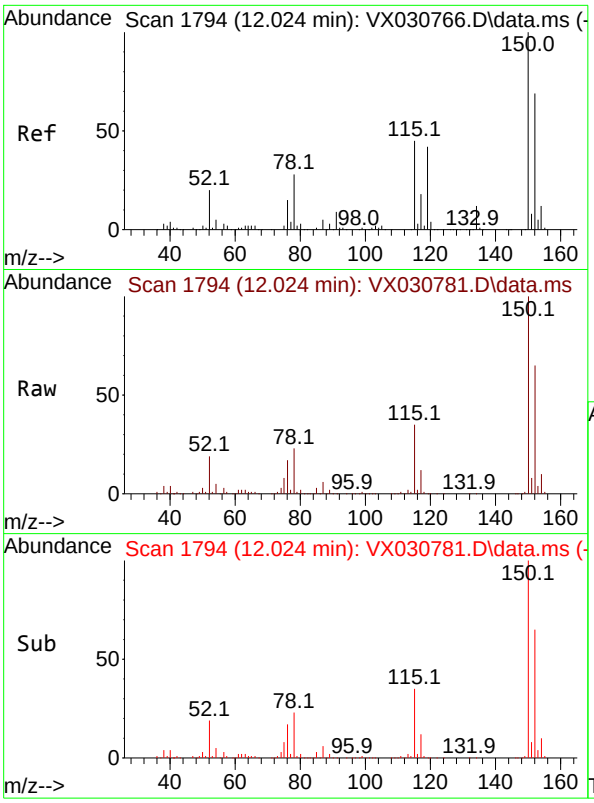


#64
Tetrachloroethene
Concen: 0.555 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Tgt Ion:164 Resp: 1390

Ion	Ratio	Lower	Upper
164	100		
166	102.4	98.2	147.4
129	72.3	80.8	121.2#
131	81.0	75.5	113.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030781.D
Acq: 25 Aug 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20220816

Tgt Ion:152 Resp: 141669

Ion	Ratio	Lower	Upper
152	100		
115	56.4	40.5	121.5
150	150.7	0.0	347.0