Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092320\
Data File : VX018549.D
Acq On : 23 Sep 2020 21:00
Operator : JC/SP
Sample : L4083-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE109D1-20200917

Quant Time: Sep 24 01:18:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	458600	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.83	114	736316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	707542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	354821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	319642	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.54%			
35) Dibromofluoromethane	5.47	113	253398	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.56%			
50) Toluene-d8	8.70	98	900509	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.38%			
62) 4-Bromofluorobenzene	11.12	95	340302	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.52%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2144	0.487	ug/l #	86
16) Acetone	2.43	43	5978	2.409	ug/l	98
44) Trichloroethene	7.19	130	99088	16.712	ug/l	99
64) Tetrachloroethene	9.32	164	4167	0.748	ug/l #	64

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

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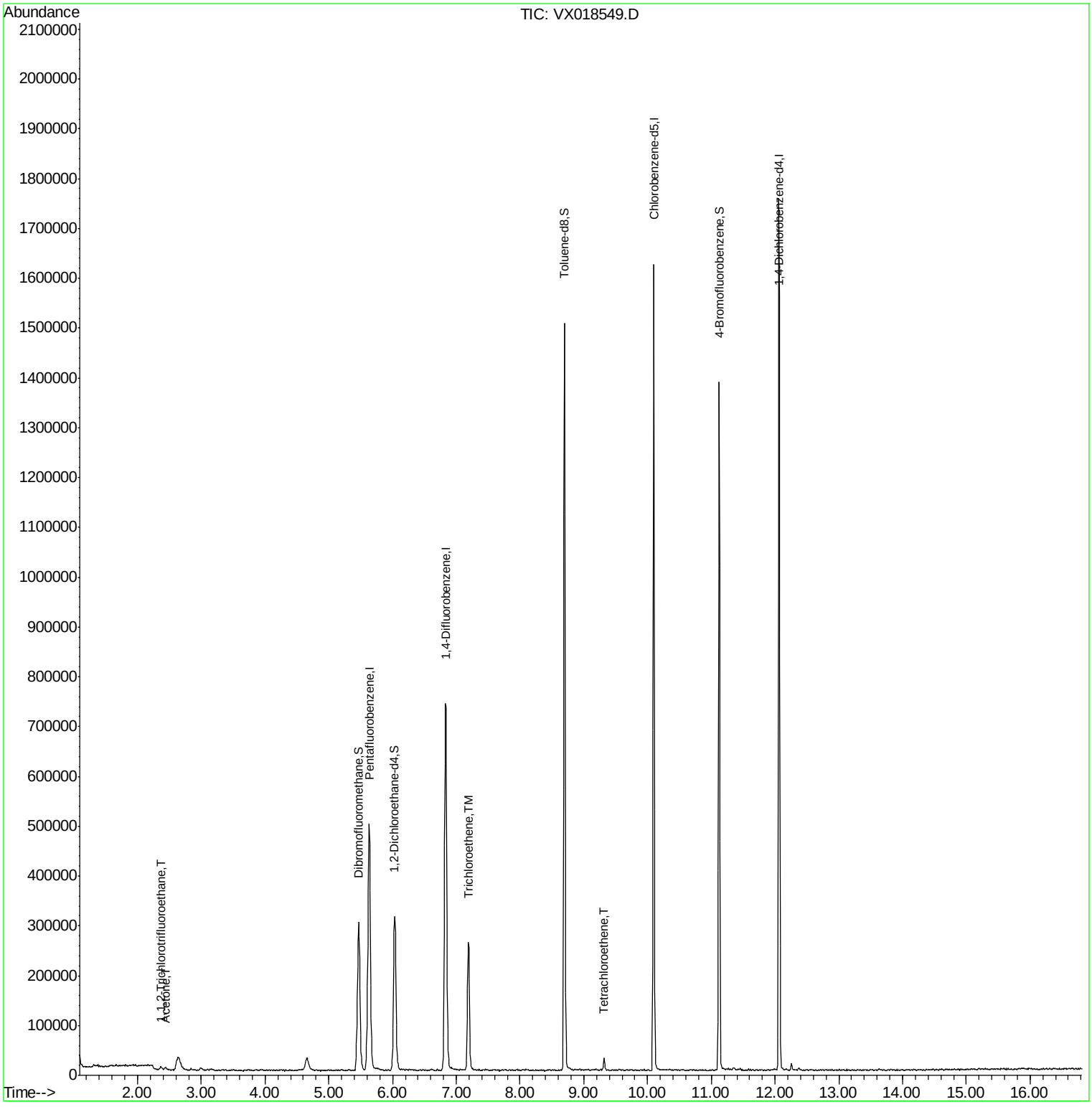
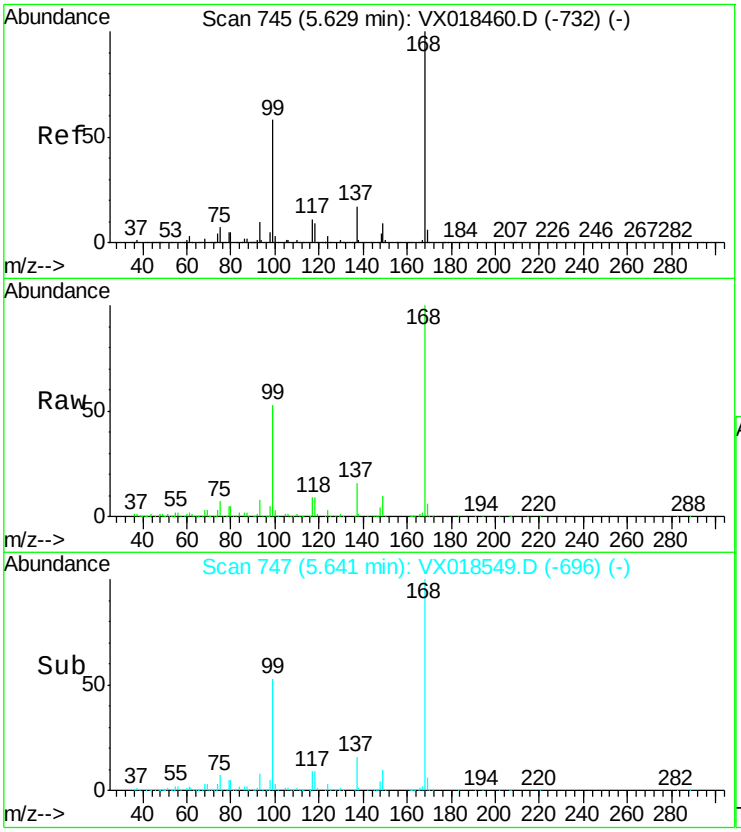


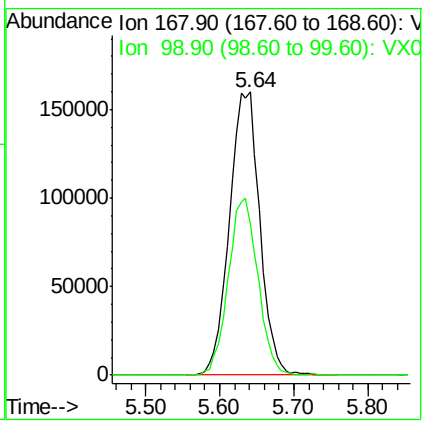


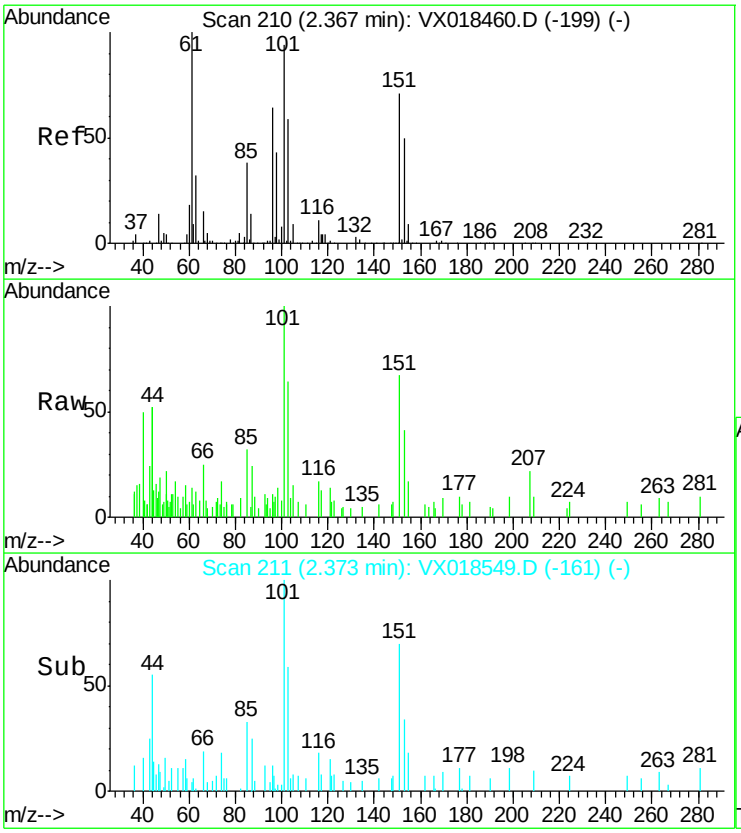
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 747
Delta R.T. 0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion:168 Resp: 458600

Ion	Ratio	Lower	Upper
168	100		
99	53.2	46.5	69.7

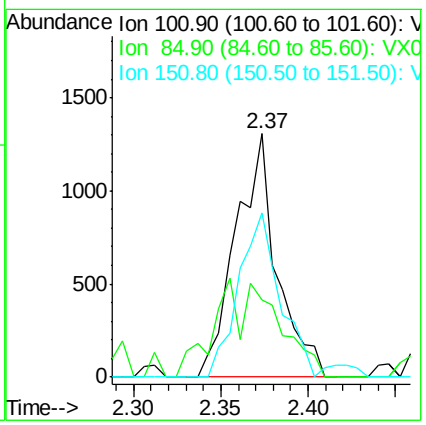


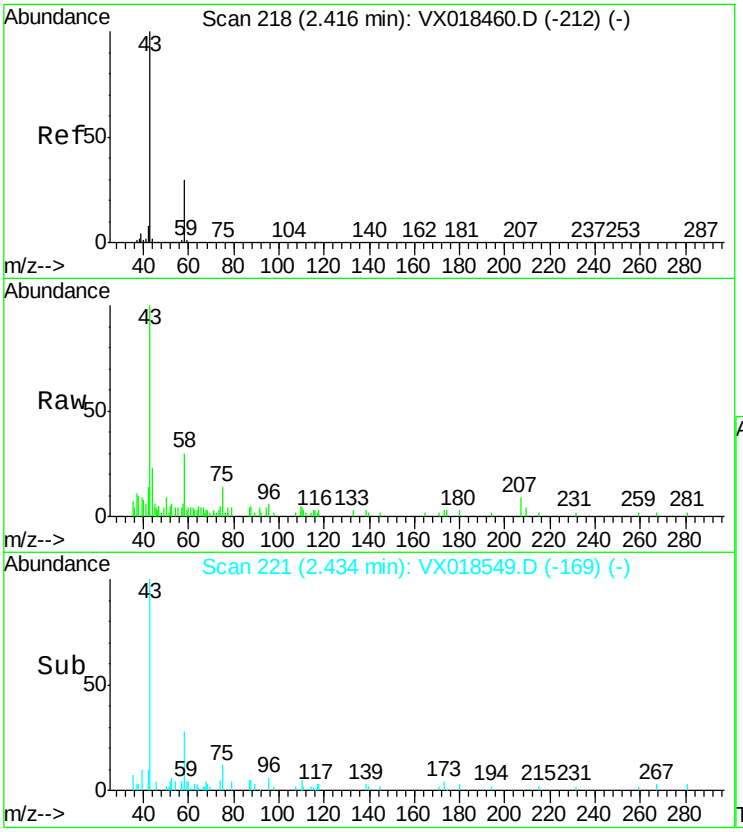


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.487 ug/l
RT: 2.37 min Scan# 211
Delta R.T. 0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion:101 Resp: 2144

Ion	Ratio	Lower	Upper
101	100		
85	34.3	34.7	52.1#
151	68.3	64.9	97.3



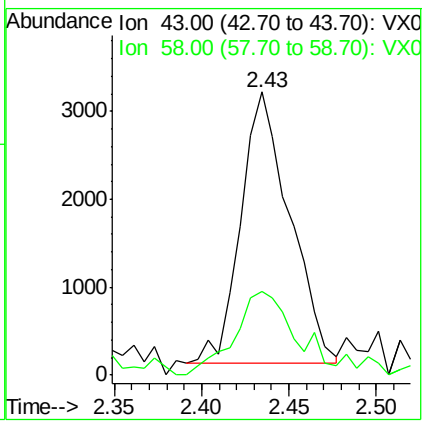


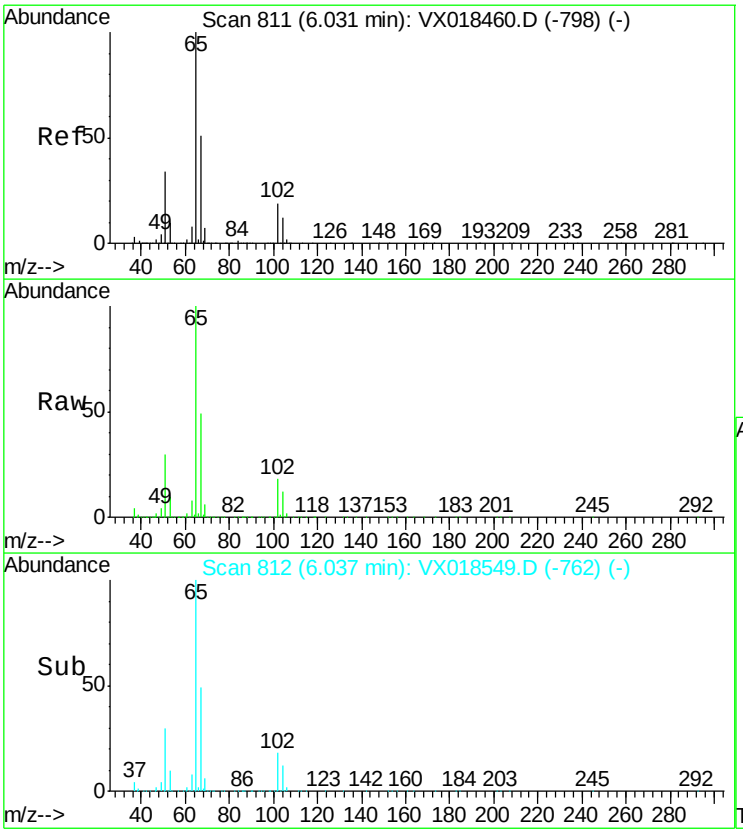
#16
Acetone
Concen: 2.409 ug/l
RT: 2.43 min Scan# 221
Delta R.T. 0.02 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument : MSVOA_X
ClientSampleId : RE109D1-20200917

Tgt Ion: 43 Resp: 5978

Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.0	36.0

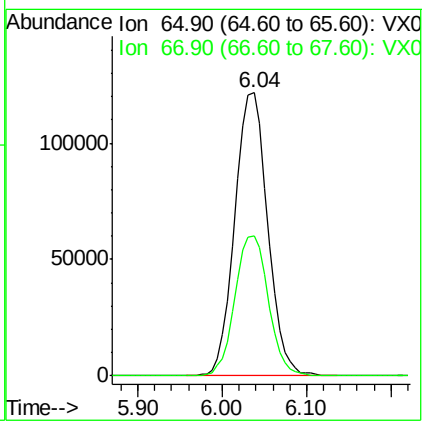


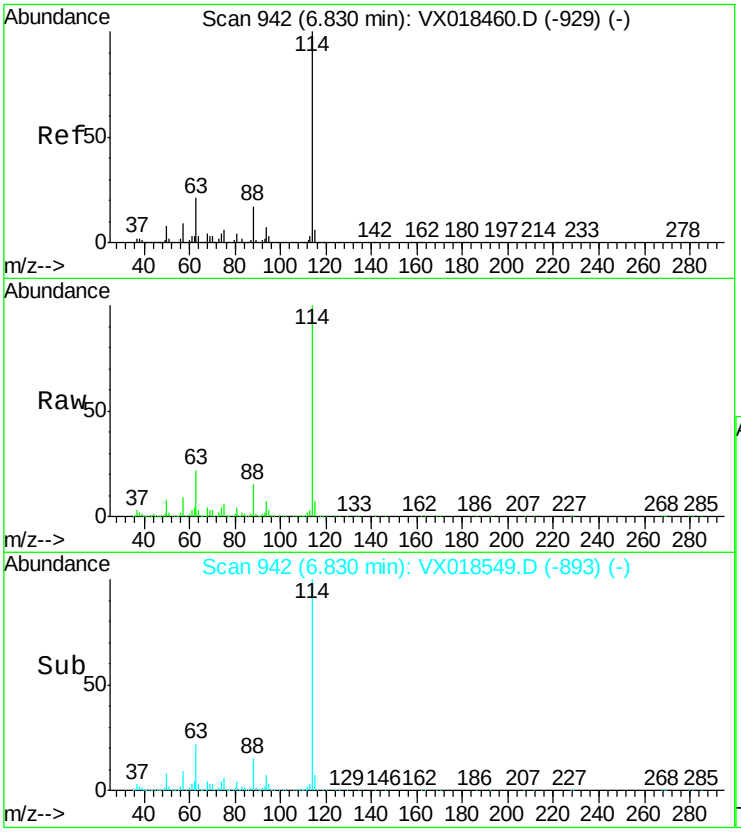


#33
1,2-Dichloroethane-d4
Concen: 49.270 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 65 Resp: 319642

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	105.6



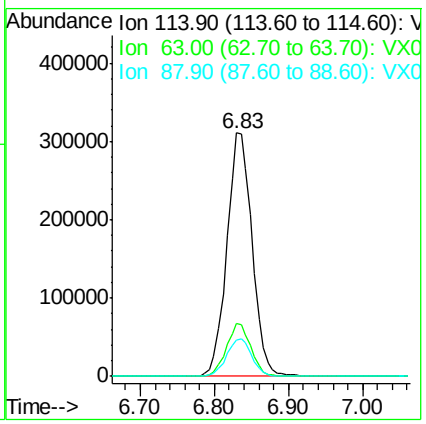


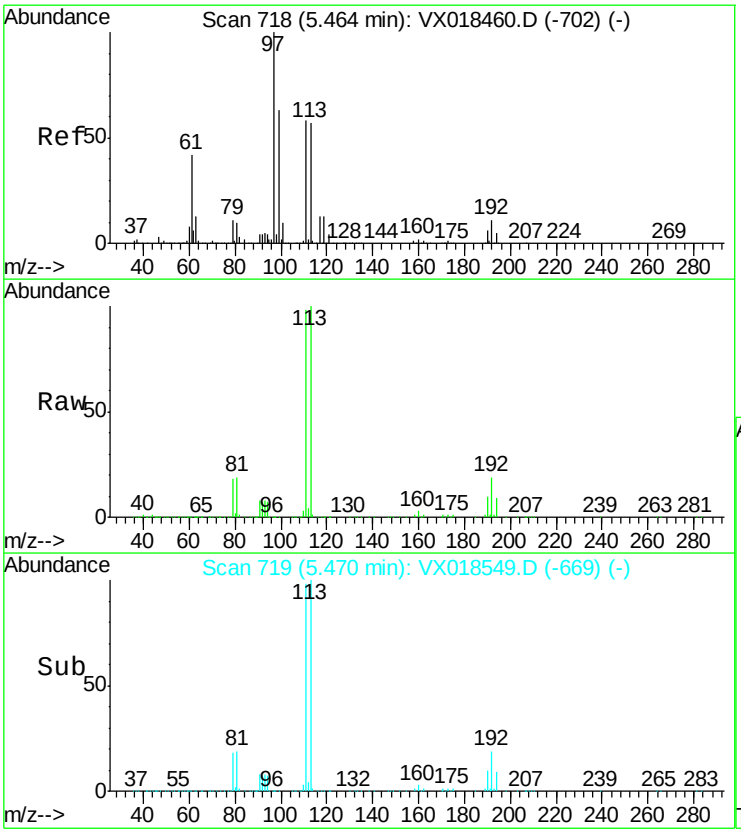
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion:114 Resp: 736316

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.8
88	14.9	0.0	33.6

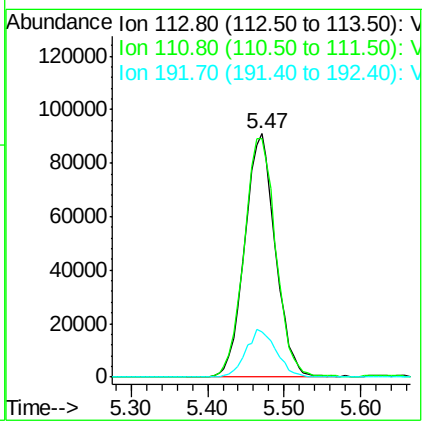


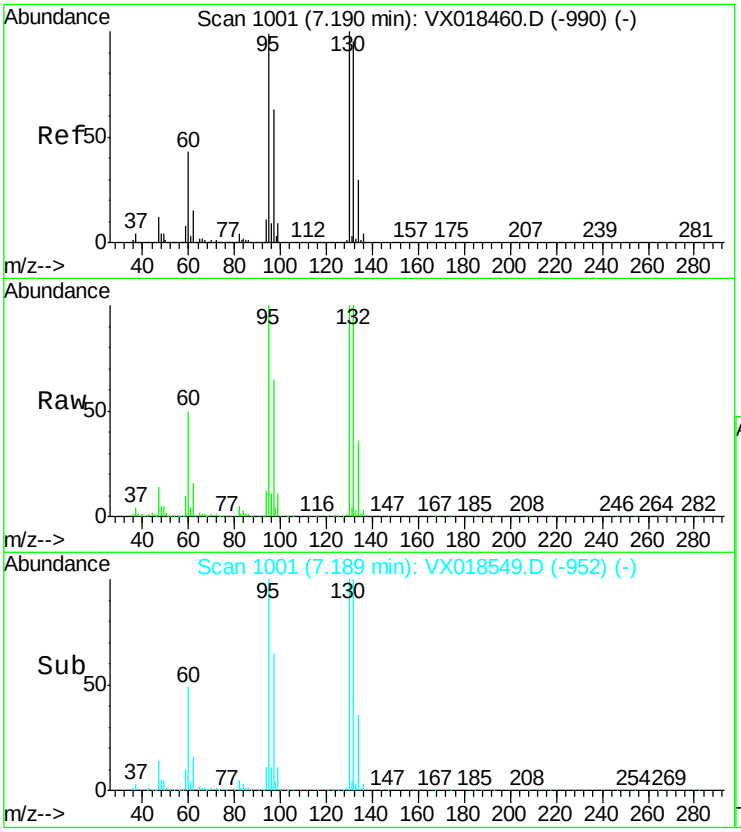


#35
Dibromofluoromethane
Concen: 49.781 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion:113 Resp: 253398

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	19.4	16.6	24.8

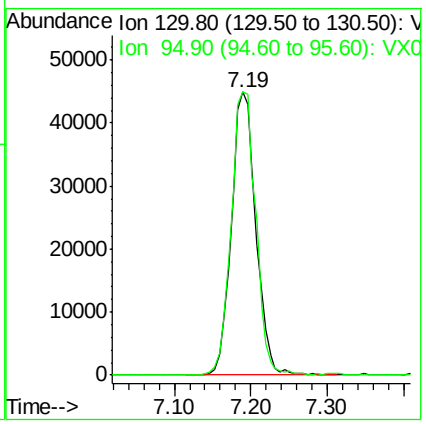




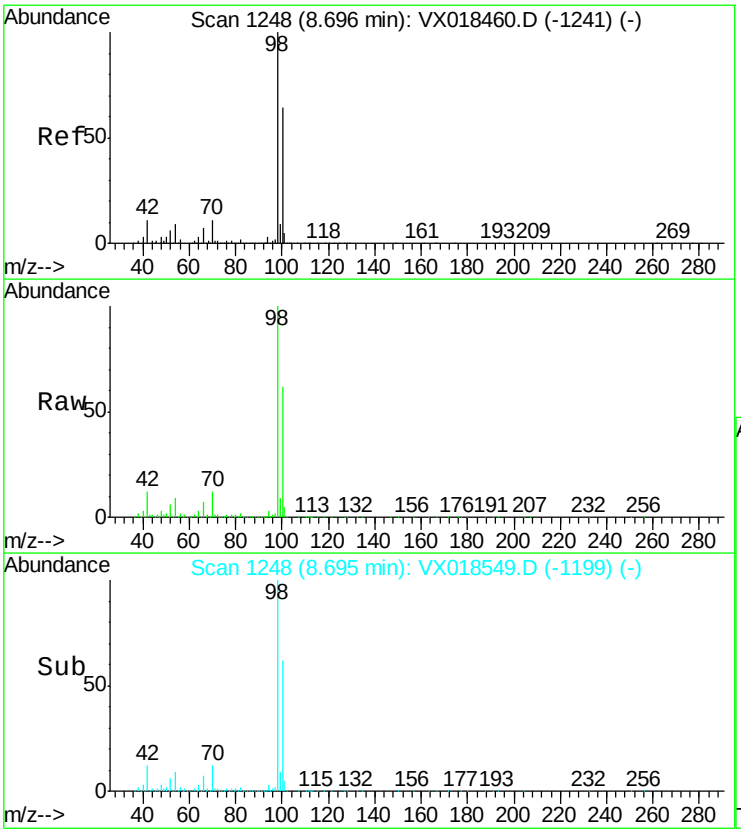
#44
Trichloroethene
Concen: 16.712 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion:130 Resp: 99088

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	197.4



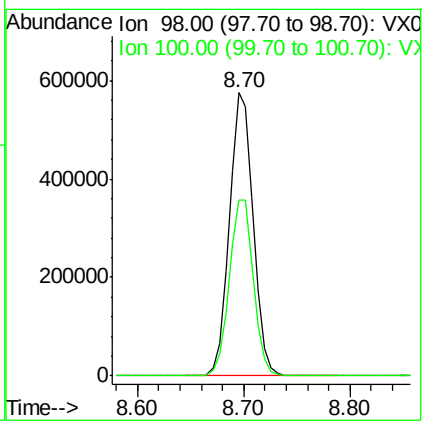
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

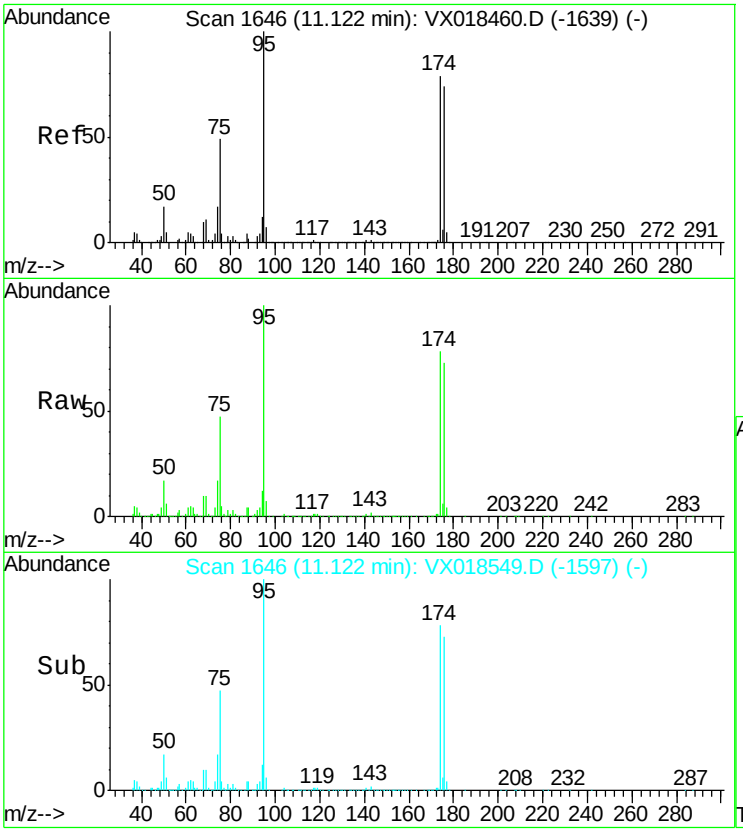


#50
Toluene-d8
Concen: 48.690 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 98 Resp: 900509

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.7	77.5



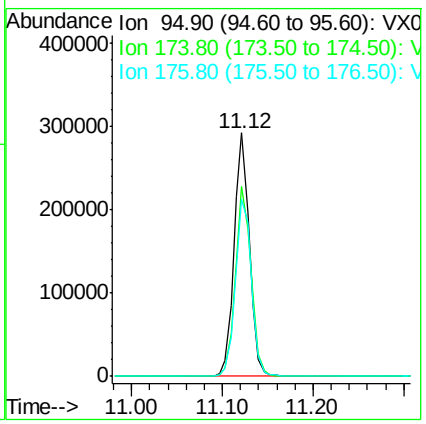


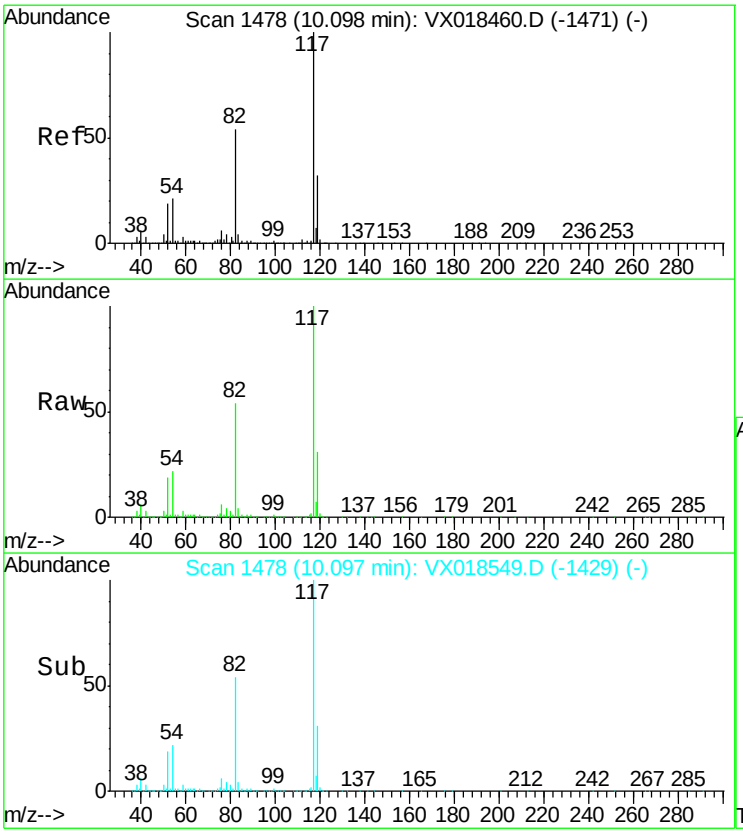
#62
4-Bromofluorobenzene
Concen: 46.257 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion: 95 Resp: 340302

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	161.4
176	76.1	0.0	151.4

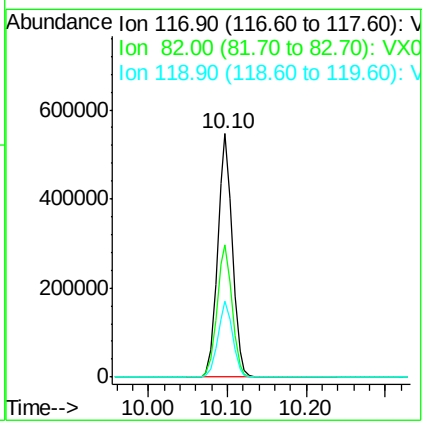


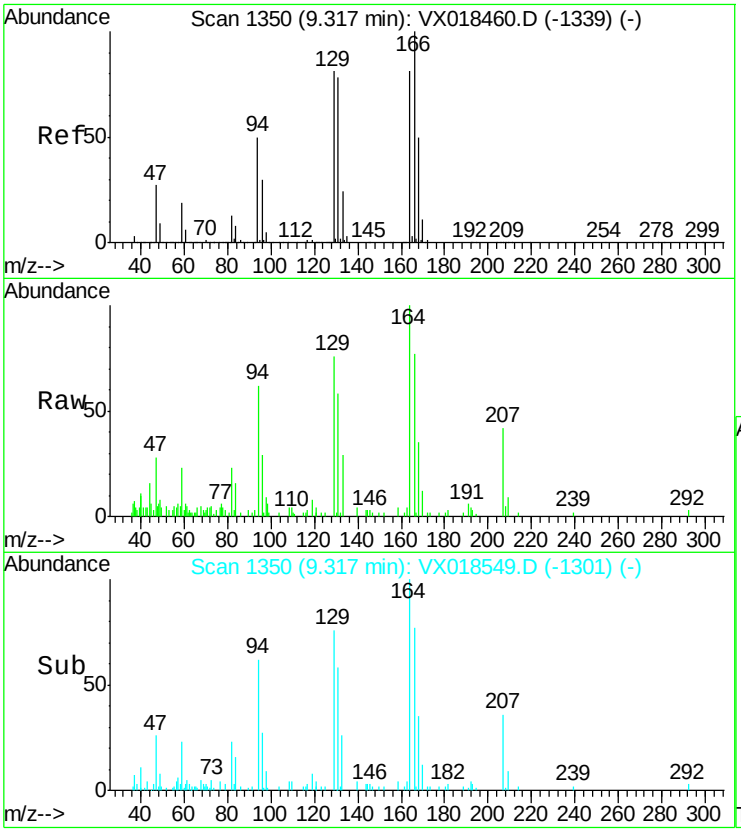


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion:117 Resp: 707542

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.3	64.9
119	30.9	25.9	38.9



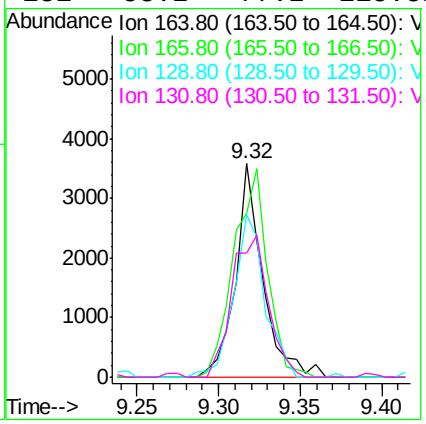


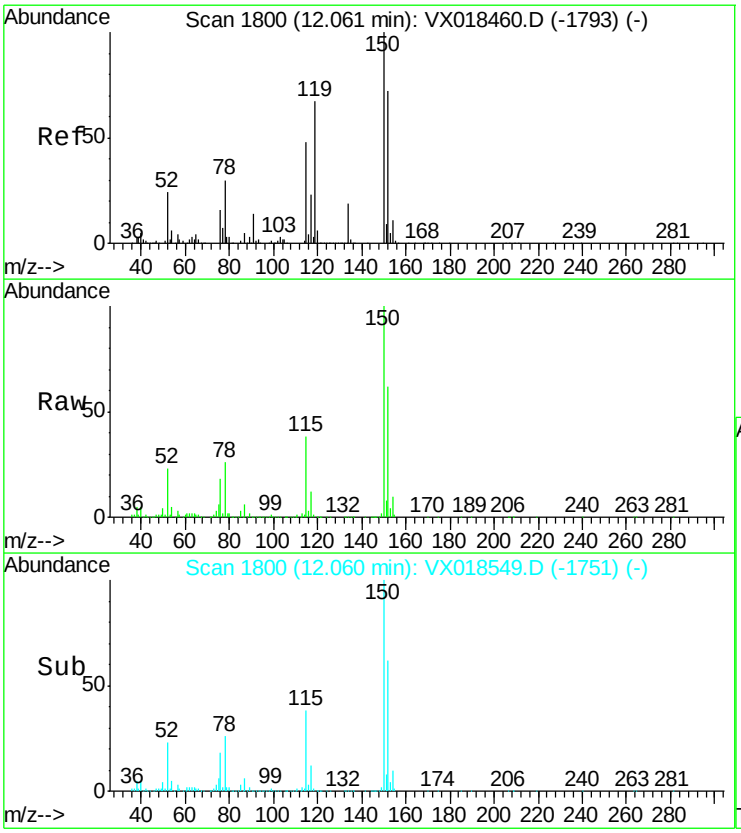
#64
Tetrachloroethene
Concen: 0.748 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion:164 Resp: 4167

Ion	Ratio	Lower	Upper
164	100		
166	76.7	99.3	148.9#
129	76.1	80.7	121.1#
131	58.2	77.2	115.8#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion:152 Resp: 354821

Ion	Ratio	Lower	Upper
152	100		
115	61.1	41.8	125.4
150	157.4	0.0	342.4