Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
Data File : VX013509.D
Acq On : 21 Nov 2019 17:33
Operator : JC/SP
Sample : K5962-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 08BR-20191120

Quant Time: Nov 22 08:43:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	690974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1116090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	985966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	437283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	408648	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
35) Dibromofluoromethane	5.49	113	333395	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.26%			
50) Toluene-d8	8.71	98	1331009	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.88%			
62) 4-Bromofluorobenzene	11.14	95	436683	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.70%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	50628	5.151	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38602	5.964	ug/l	93
12) 1,1-Dichloroethene	2.37	96	5779	0.912	ug/l	86
21) trans-1,2-Dichloroethene	3.16	96	5265	0.763	ug/l	85
24) 1,1-Dichloroethane	3.69	63	9707	0.780	ug/l #	90
27) cis-1,2-Dichloroethene	4.58	96	373650	48.333	ug/l	89
44) Trichloroethene	7.21	130	2815025	342.889	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	11187	0.462	ug/l	94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
Data File : VX013509.D
Acq On : 21 Nov 2019 17:33
Operator : JC/SP
Sample : K5962-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
08BR-20191120

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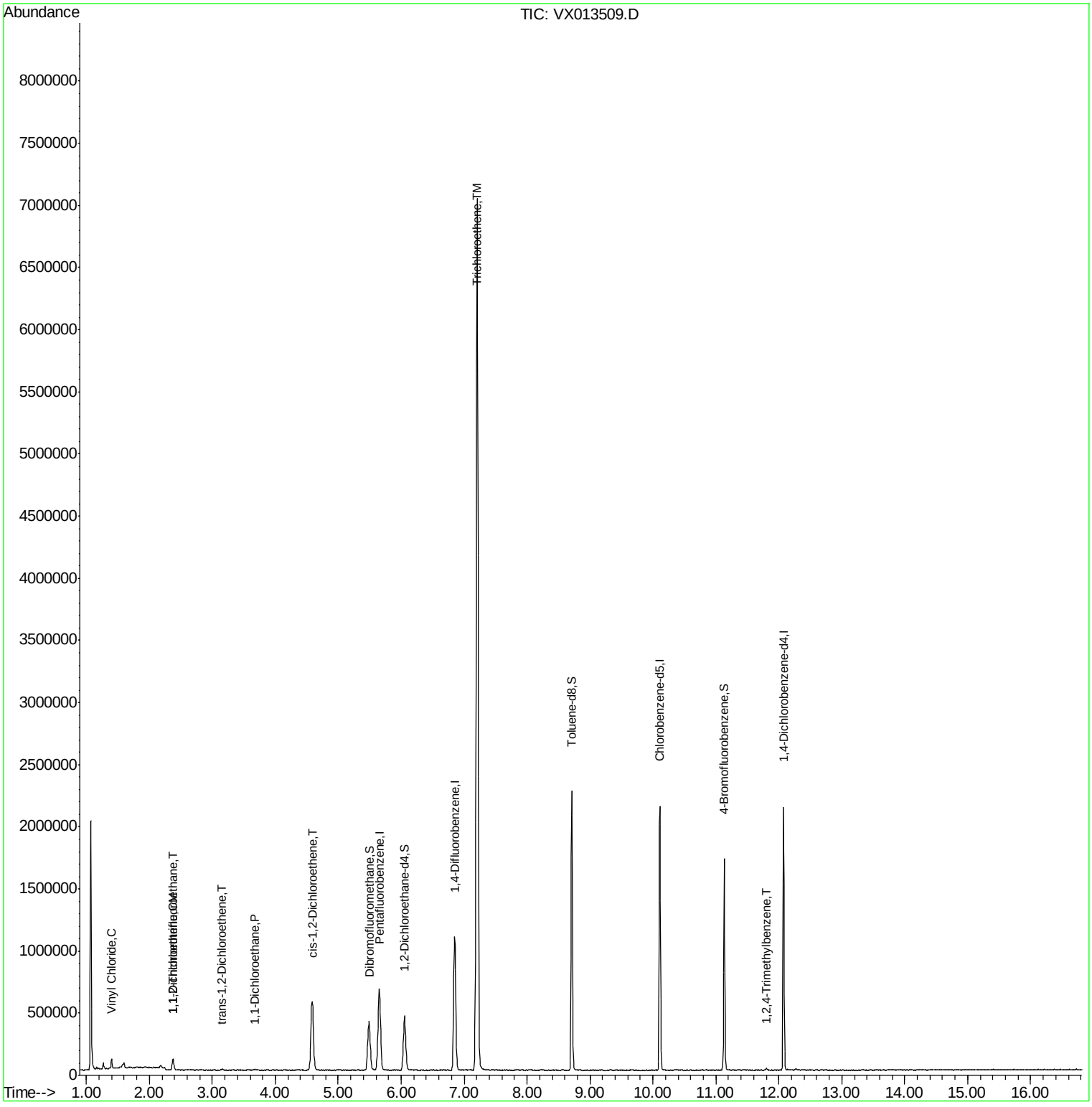
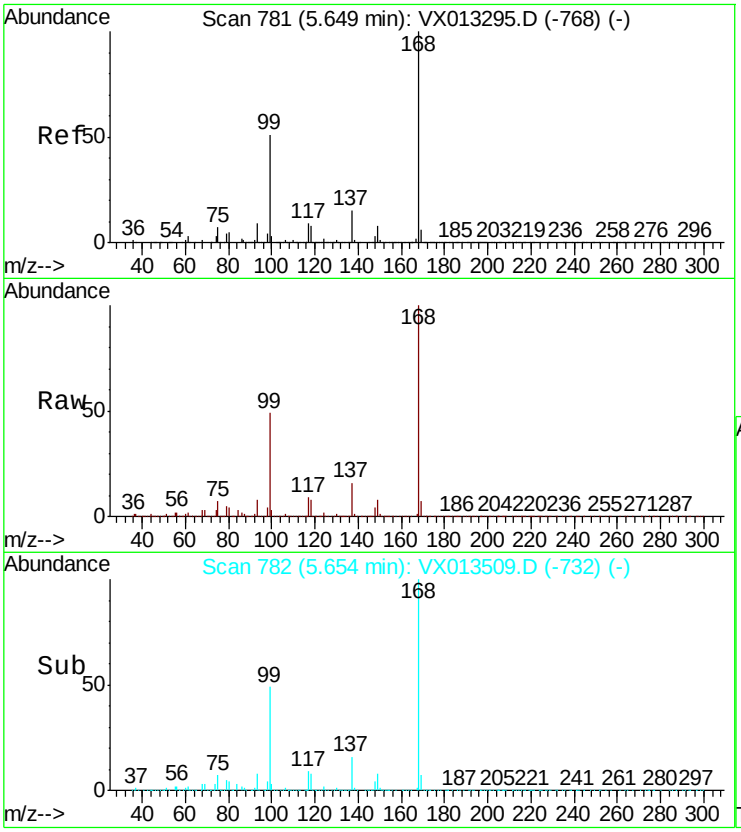
Response via : Initial Calibration



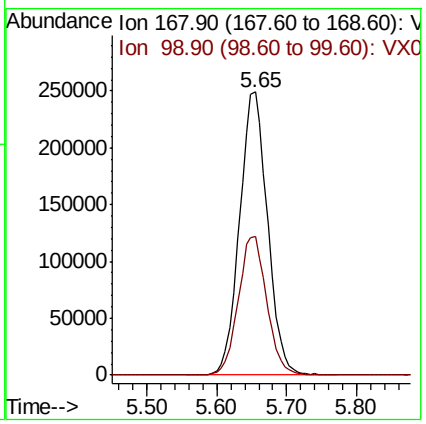


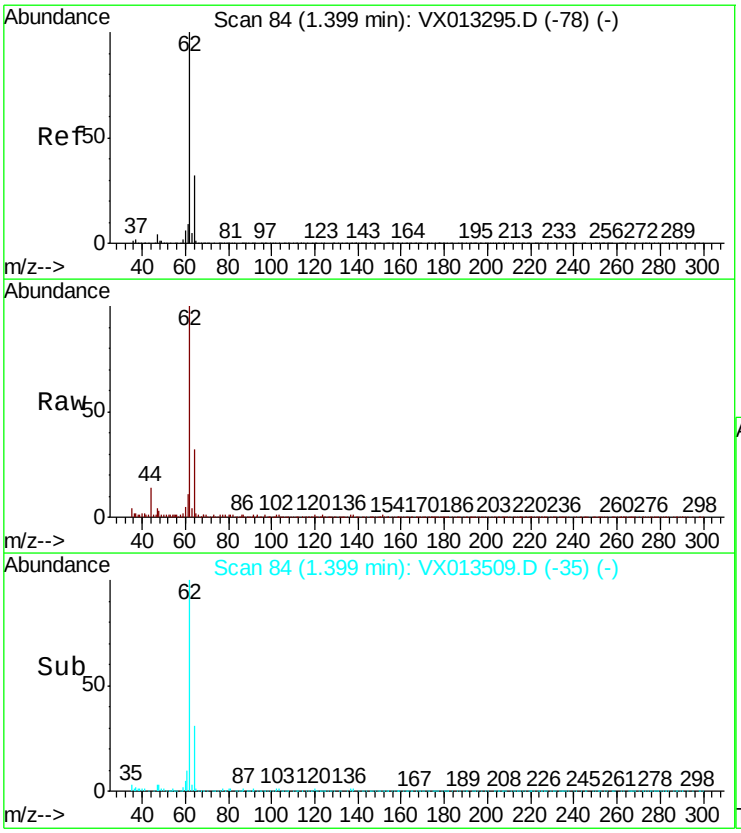
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
08BR-20191120

Tgt Ion:168 Resp: 690974

Ion	Ratio	Lower	Upper
168	100		
99	48.9	40.8	61.2

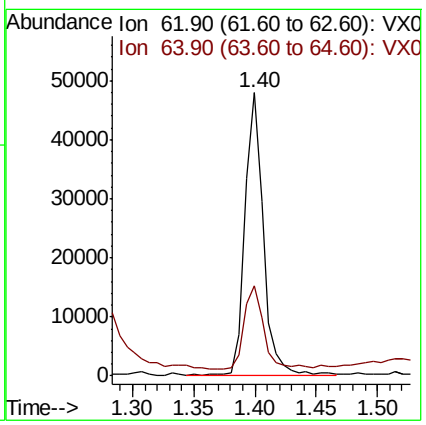


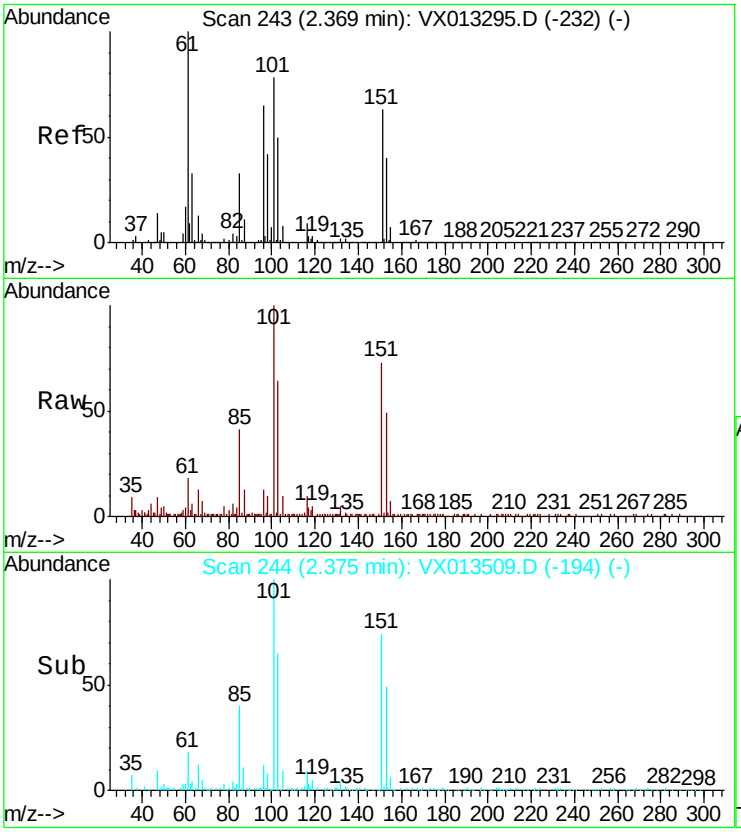


#4
Vinyl Chloride
Concen: 5.151 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Tgt Ion: 62 Resp: 50628

Ion	Ratio	Lower	Upper
62	100		
64	28.8	25.6	38.4



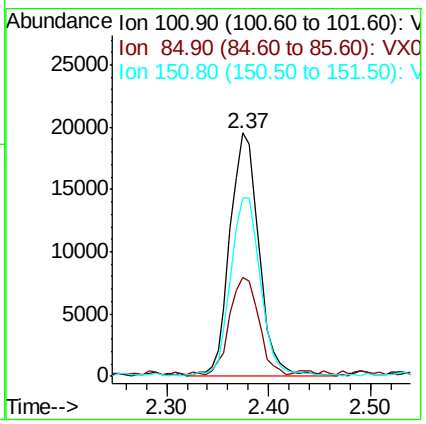


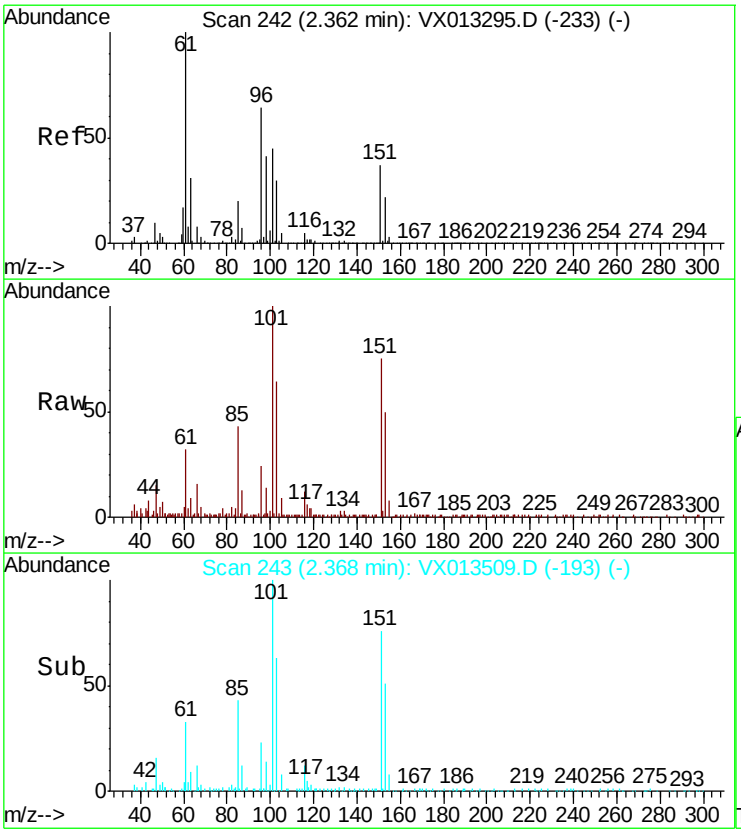
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.964 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Instrument : MSVOA_X
ClientSampleId : 08BR-20191120

Tgt Ion:101 Resp: 38602

Ion	Ratio	Lower	Upper
101	100		
85	38.9	34.4	51.6
151	76.2	66.4	99.6

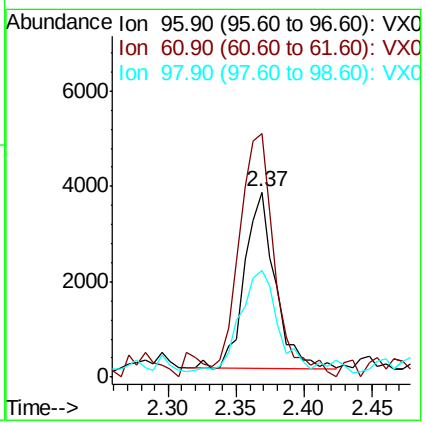


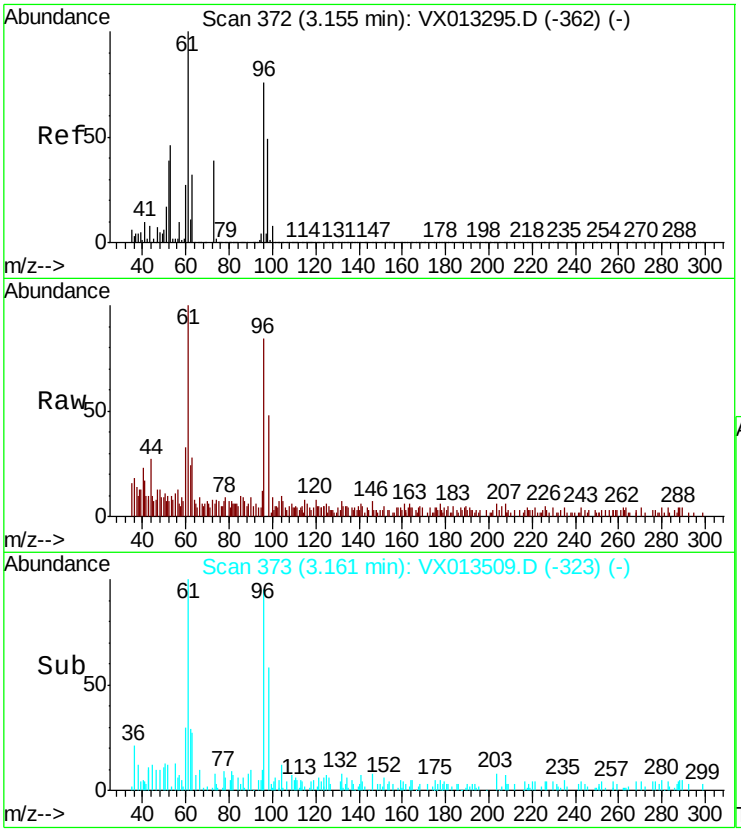


#12
1,1-Dichloroethene
Concen: 0.912 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Tgt Ion: 96 Resp: 5779

Ion	Ratio	Lower	Upper
96	100		
61	139.0	125.0	187.6
98	51.7	50.7	76.1



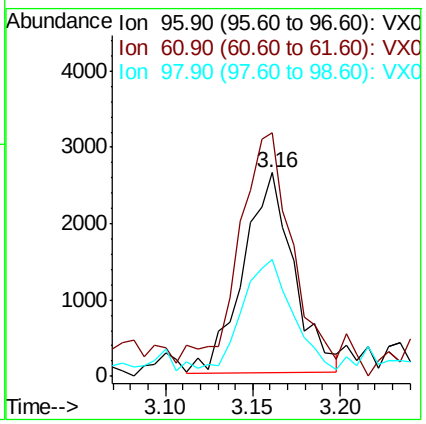


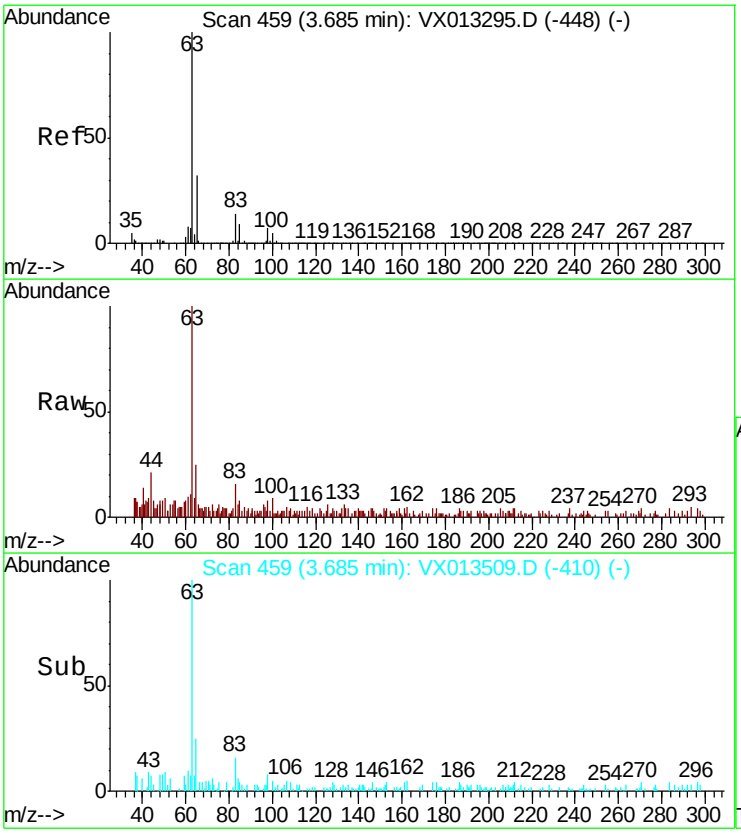
#21
trans-1,2-Dichloroethene
Concen: 0.763 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
08BR-20191120

Tgt Ion: 96 Resp: 5265

Ion	Ratio	Lower	Upper
96	100		
61	113.1	105.8	158.6
98	55.0	51.8	77.6

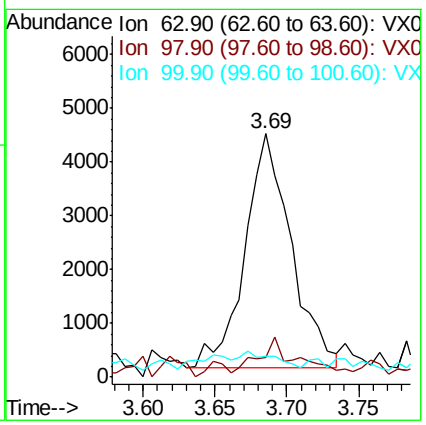


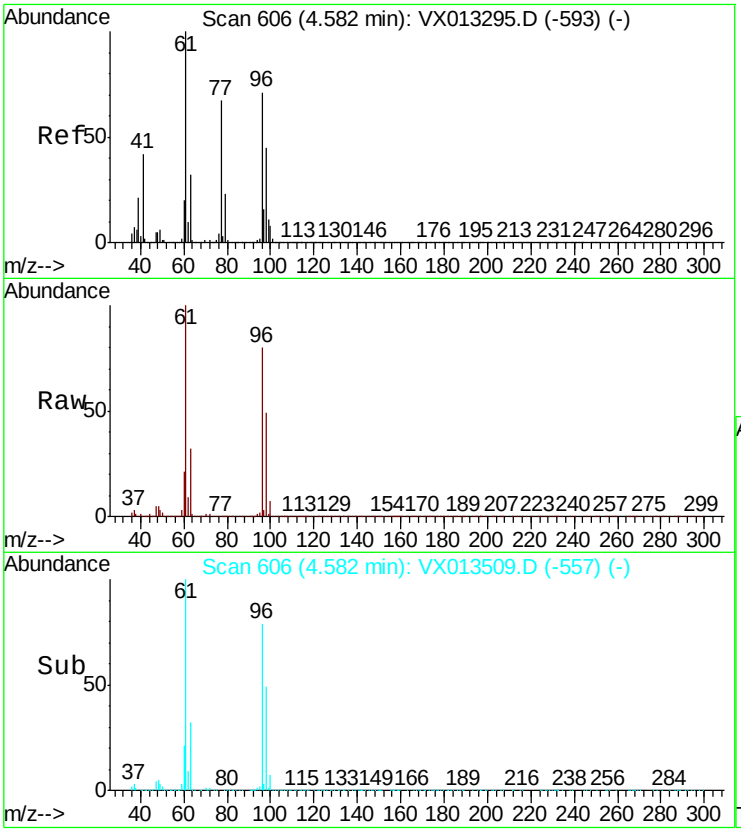


#24
1,1-Dichloroethane
Concen: 0.780 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Tgt Ion: 63 Resp: 9707

Ion	Ratio	Lower	Upper
63	100		
98	2.9	3.5	10.4#
100	2.5	2.4	7.2



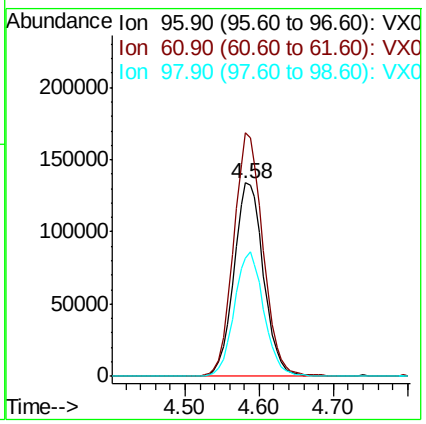


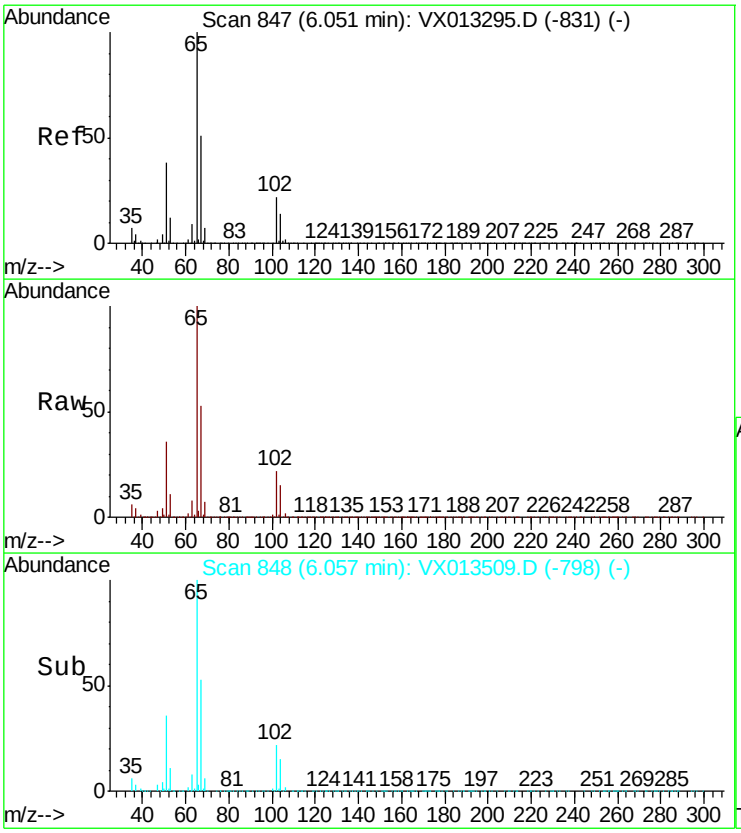
#27
cis-1,2-Dichloroethene
Concen: 48.333 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
08BR-20191120

Tgt Ion: 96 Resp: 373650

Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	288.0
98	63.7	0.0	129.6

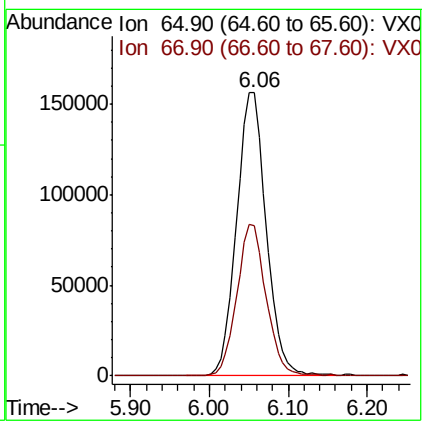


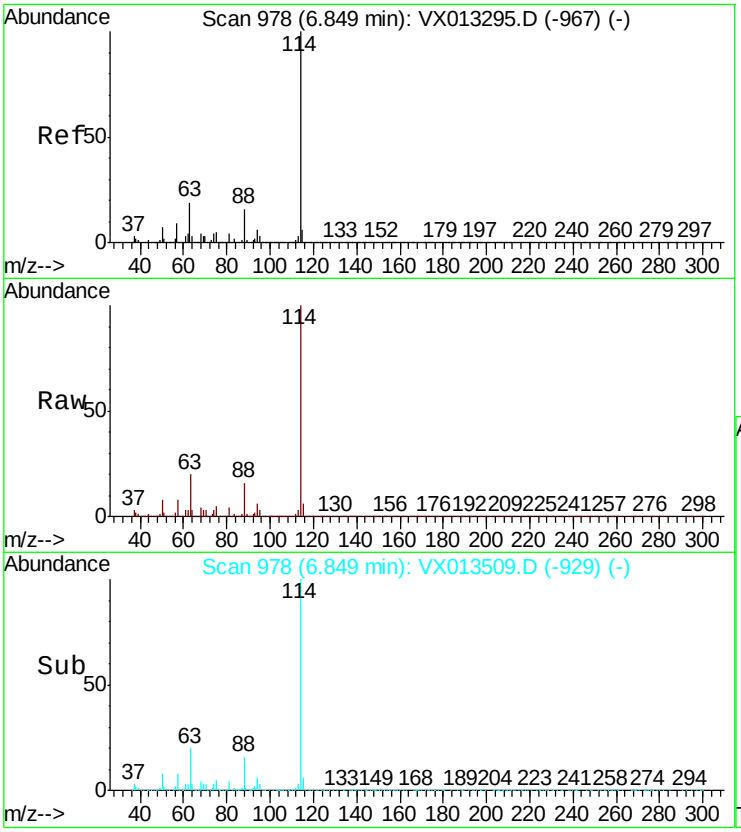


#33
1,2-Dichloroethane-d4
Concen: 49.920 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Tgt Ion: 65 Resp: 408648

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.2



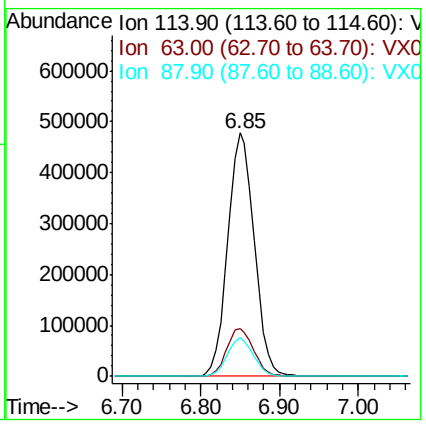


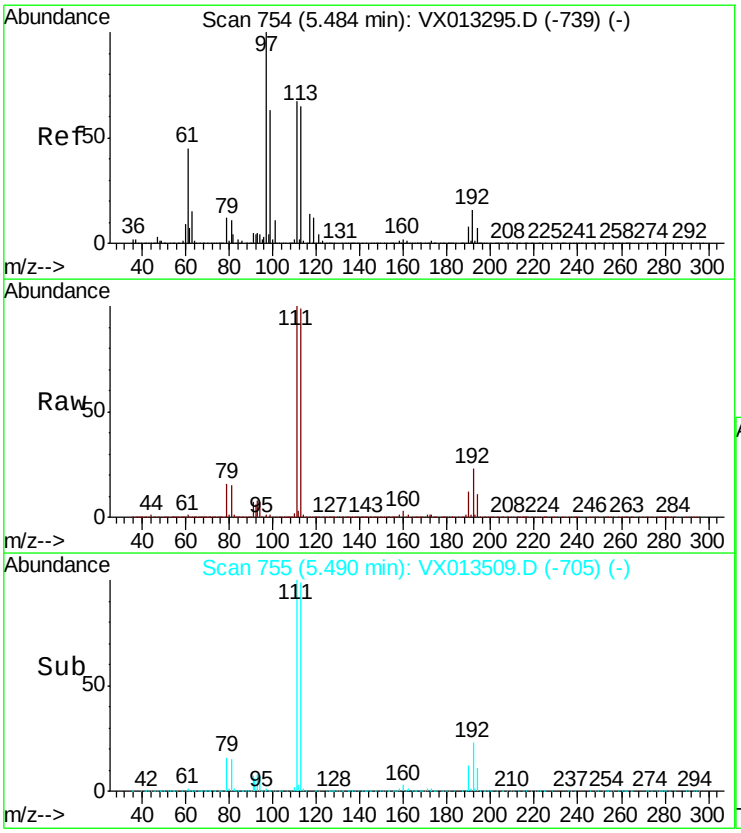
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
08BR-20191120

Tgt Ion:114 Resp: 1116090

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.4
88	15.7	0.0	32.2

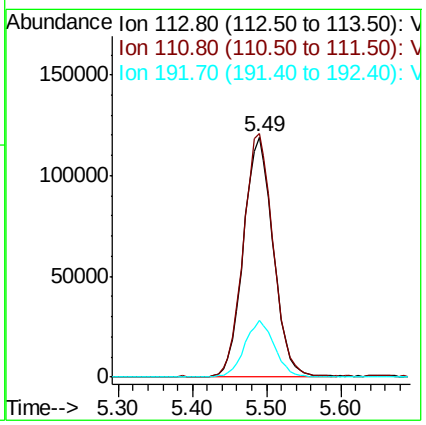


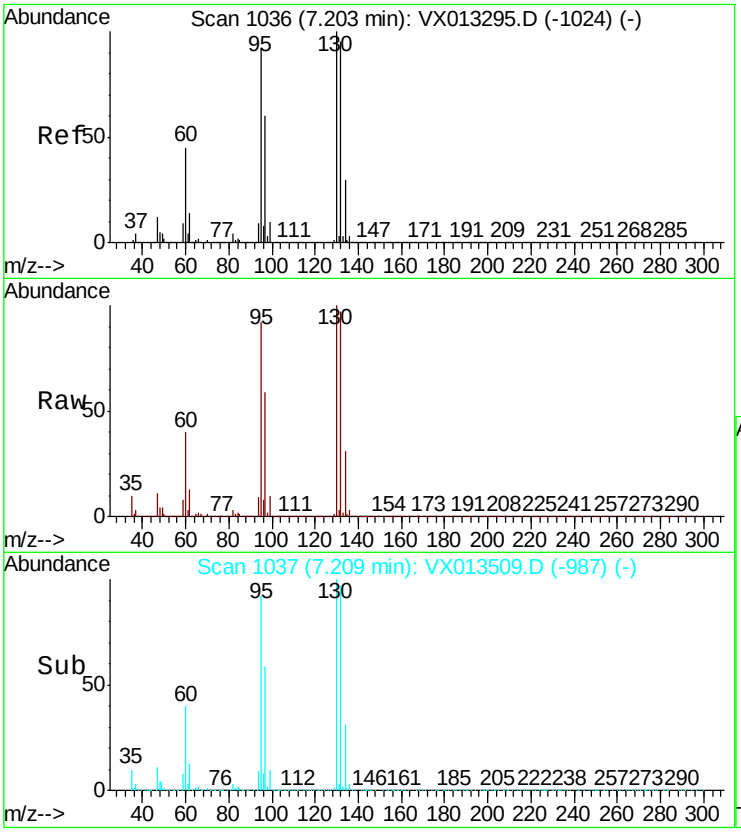


#35
Dibromofluoromethane
Concen: 47.626 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Tgt Ion:113 Resp: 333395

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	23.8	19.1	28.7



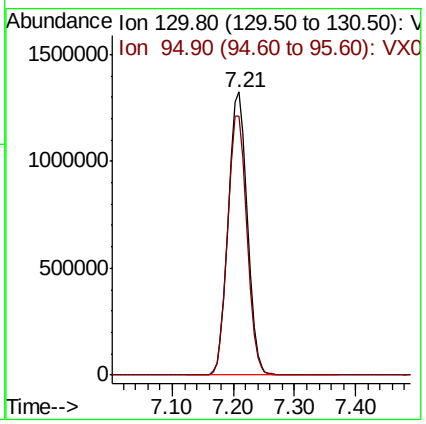


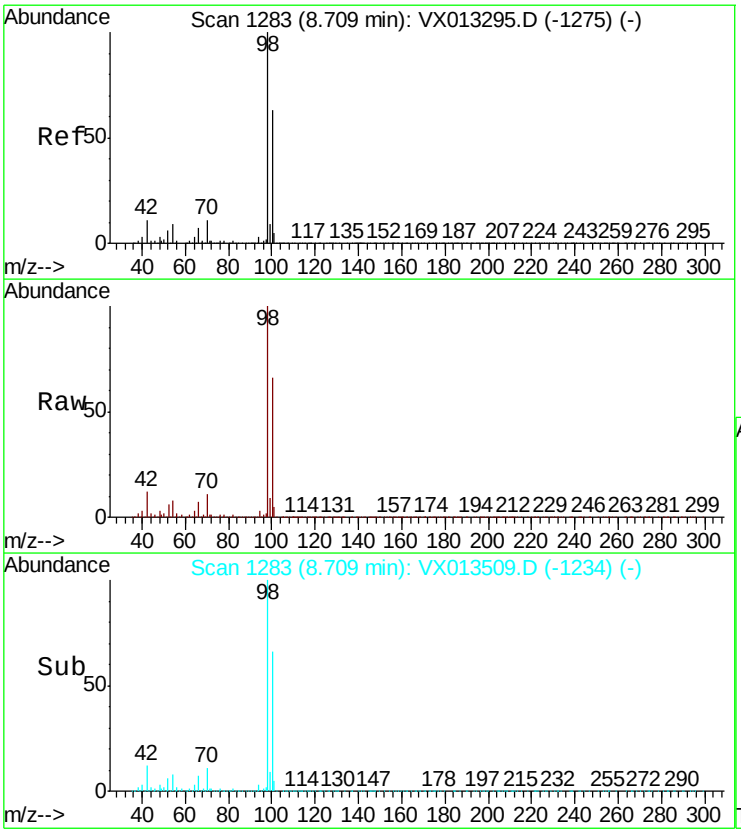
#44
Trichloroethene
Concen: 342.889 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
08BR-20191120

Tgt Ion:130 Resp: 2815025

Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	184.8

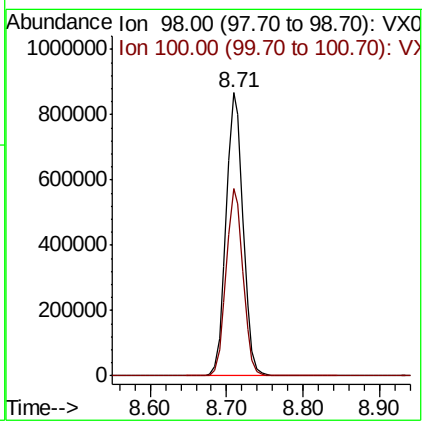


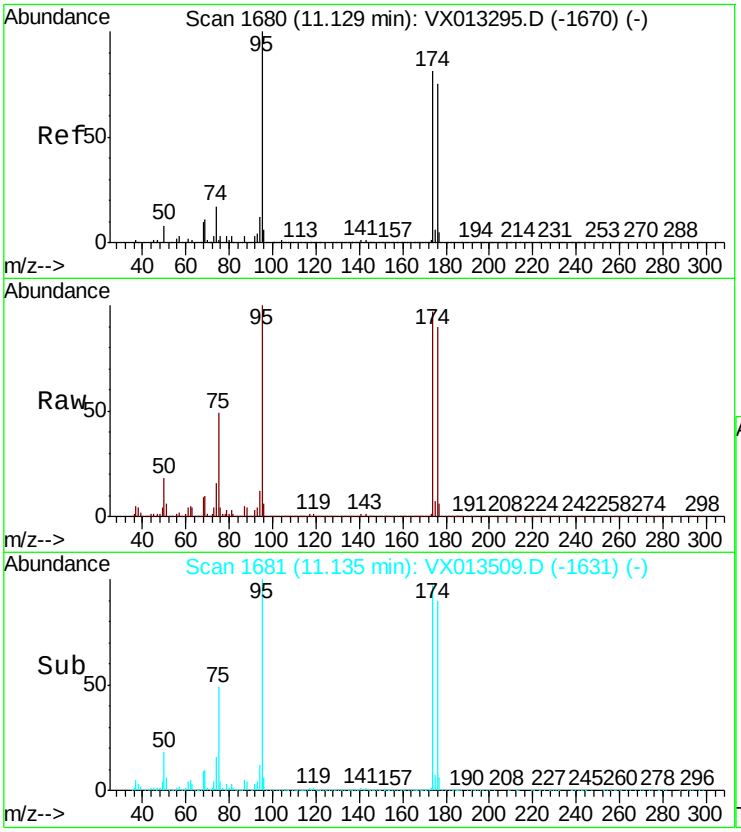


#50
Toluene-d8
Concen: 50.436 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Tgt Ion: 98 Resp: 1331009

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2



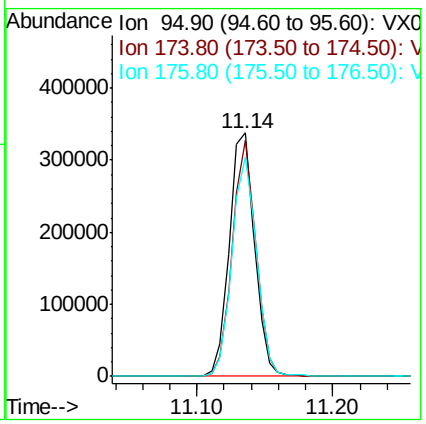


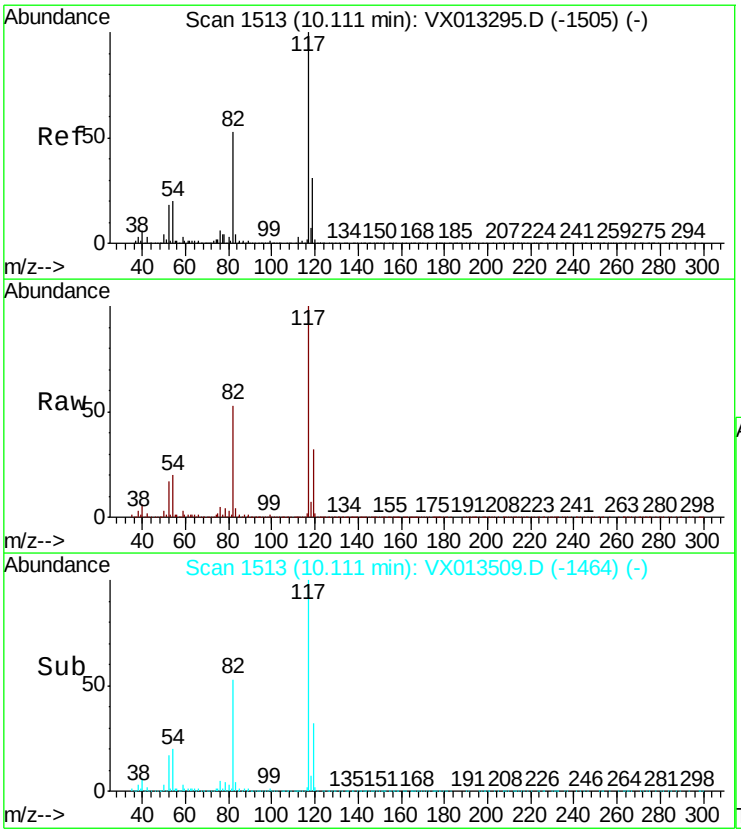
#62
4-Bromofluorobenzene
Concen: 45.849 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Instrument : MSVOA_X
ClientSampleId : 08BR-20191120

Tgt Ion: 95 Resp: 436683

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	179.8
176	88.0	0.0	173.0

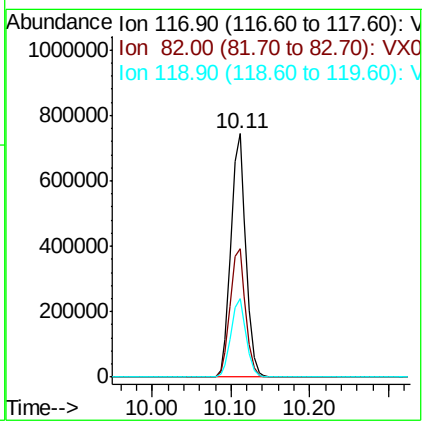


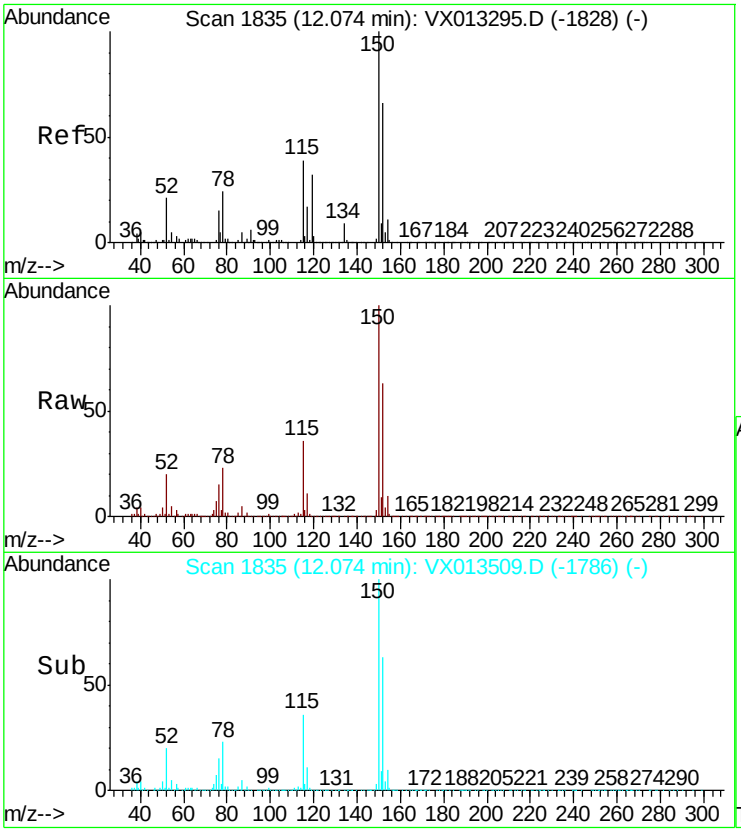


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Tgt Ion:117 Resp: 985966

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.6	64.0
119	32.2	24.8	37.2



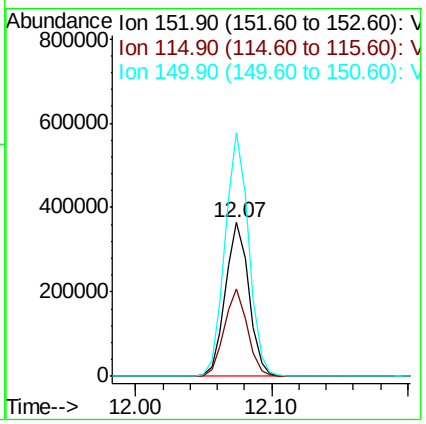


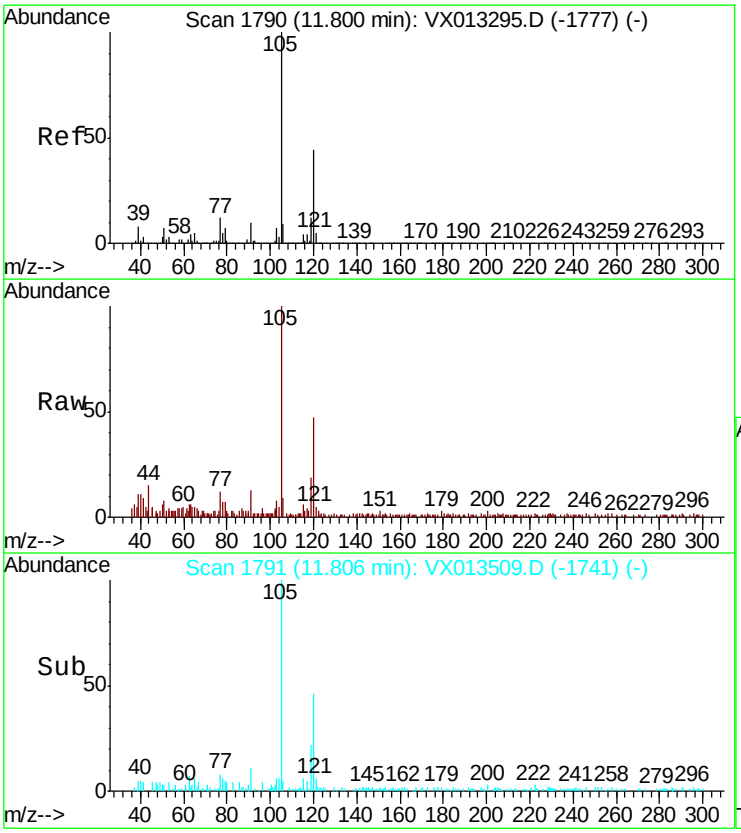
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
08BR-20191120

Tgt Ion:152 Resp: 437283

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.5	118.3
150	159.1	0.0	344.4





#84
1,2,4-Trimethylbenzene
Concen: 0.462 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013509.D
Acq: 21 Nov 2019 17:33

Tgt Ion:105 Resp: 11187

Ion	Ratio	Lower	Upper
105	100		
120	49.4	22.7	68.1