Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
Data File : VX013407.D
Acq On : 13 Nov 2019 15:08
Operator : JC/SP
Sample : K5802-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0678

Quant Time: Nov 14 07:20:58 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	741891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1162621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1030686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	471134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	423765	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.42%			
35) Dibromofluoromethane	5.48	113	352180	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.60%			
50) Toluene-d8	8.71	98	1380698	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.44%			
62) 4-Bromofluorobenzene	11.13	95	462980	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.32%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	40422	3.830	ug/l	99
16) Acetone	2.43	43	18307	4.176	ug/l #	87
21) trans-1,2-Dichloroethene	3.16	96	6065	0.819	ug/l #	79
27) cis-1,2-Dichloroethene	4.58	96	19198	2.313	ug/l	88
44) Trichloroethene	7.21	130	6906	0.808	ug/l	98
73) Isopropylbenzene	11.01	105	7093	0.227	ug/l	89

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

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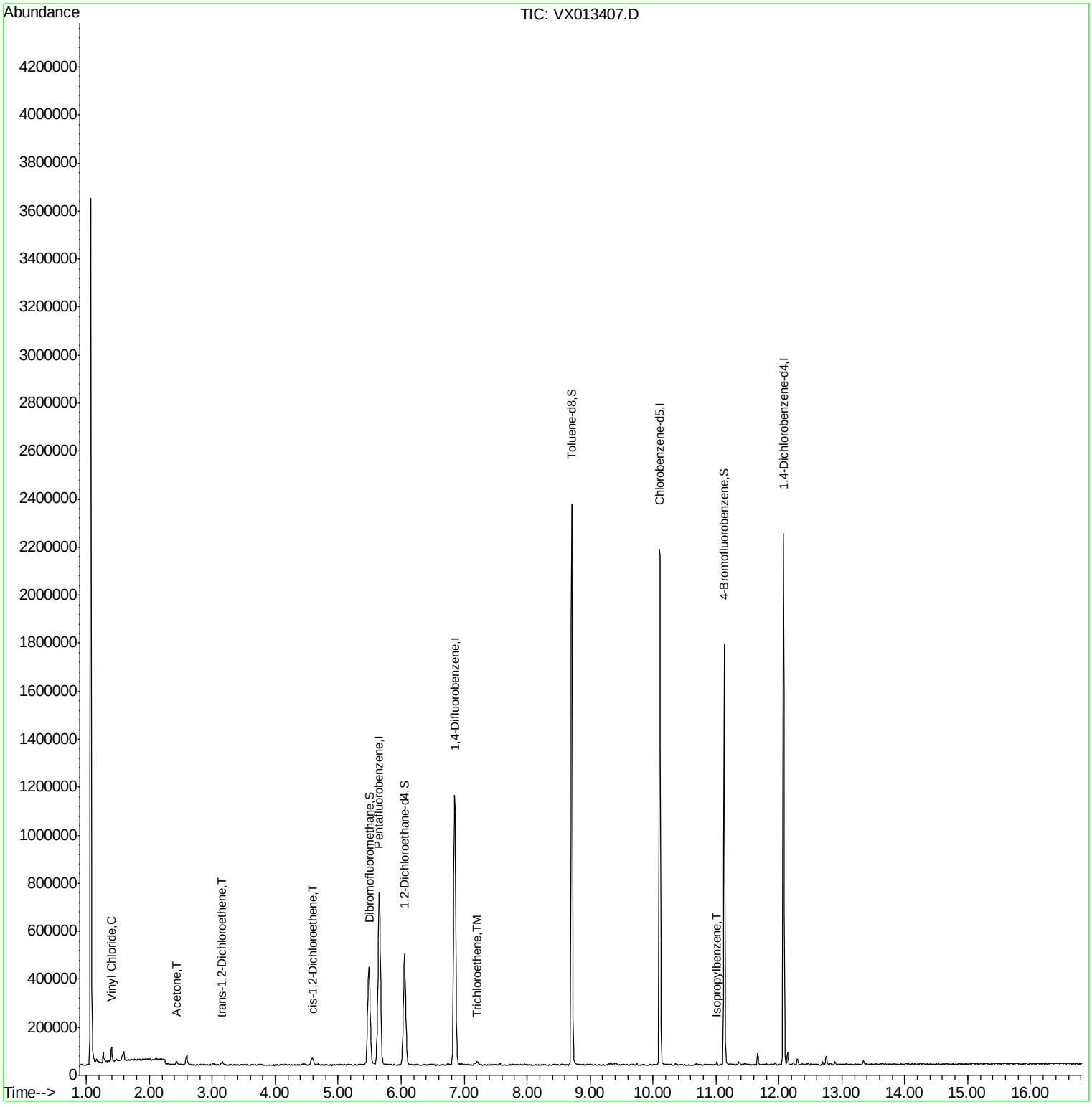
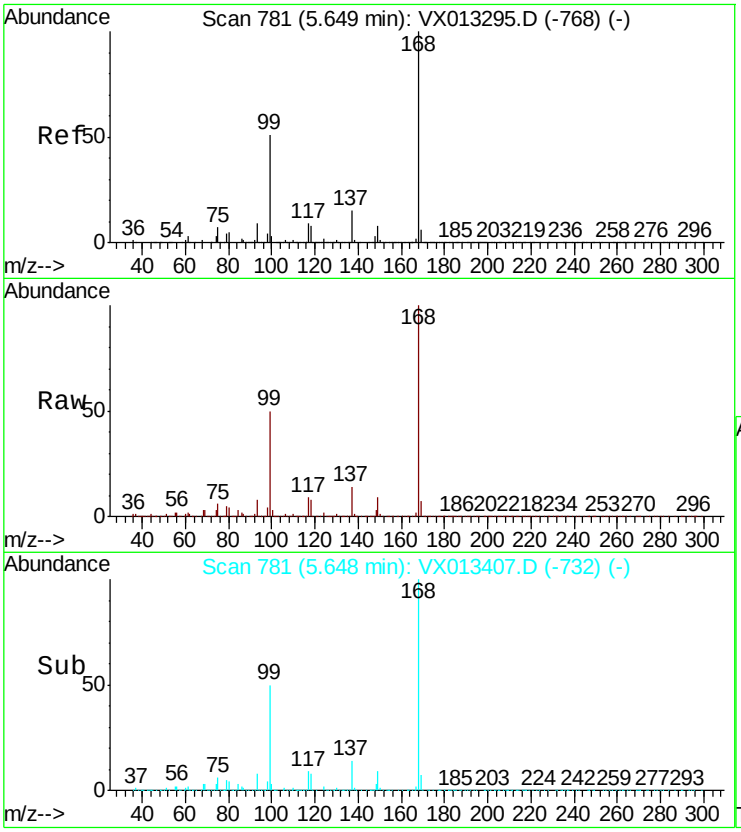


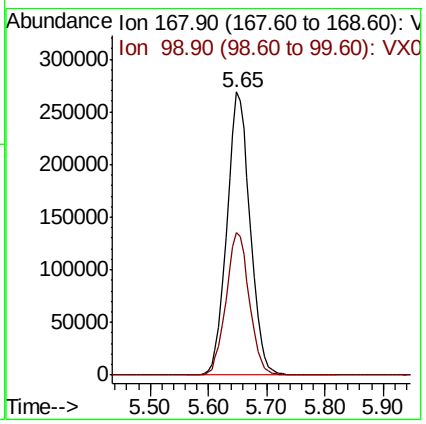


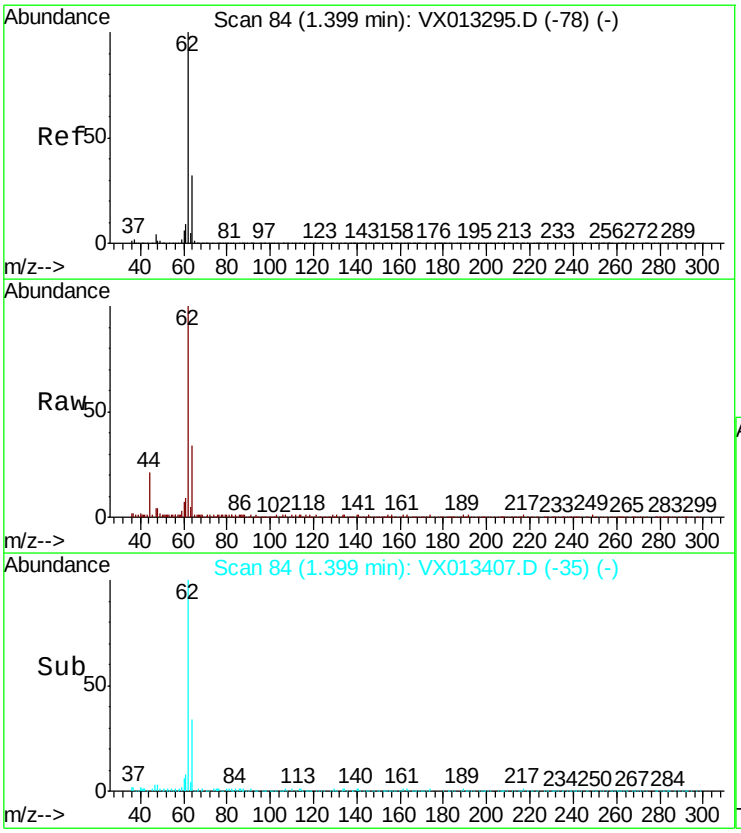
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Instrument :
MSVOA_X
ClientSampleId :
S32-0678

Tgt Ion:168 Resp: 741891

Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.8	61.2

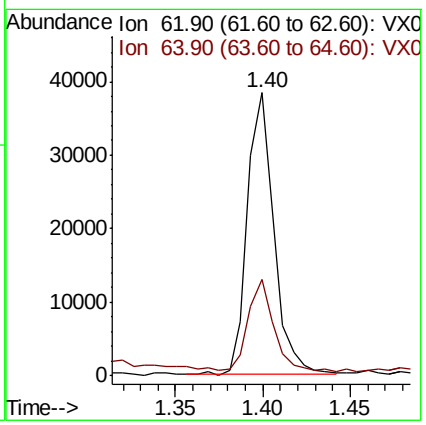


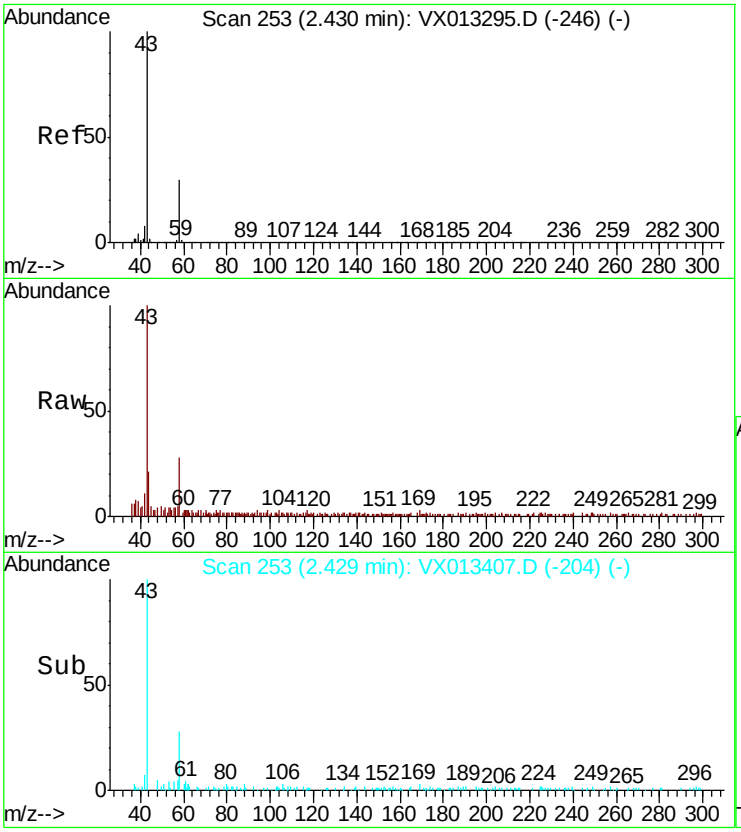


#4
Vinyl Chloride
Concen: 3.830 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Tgt Ion: 62 Resp: 40422

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.6	38.4



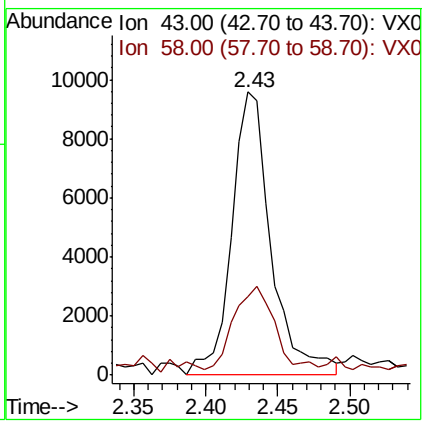


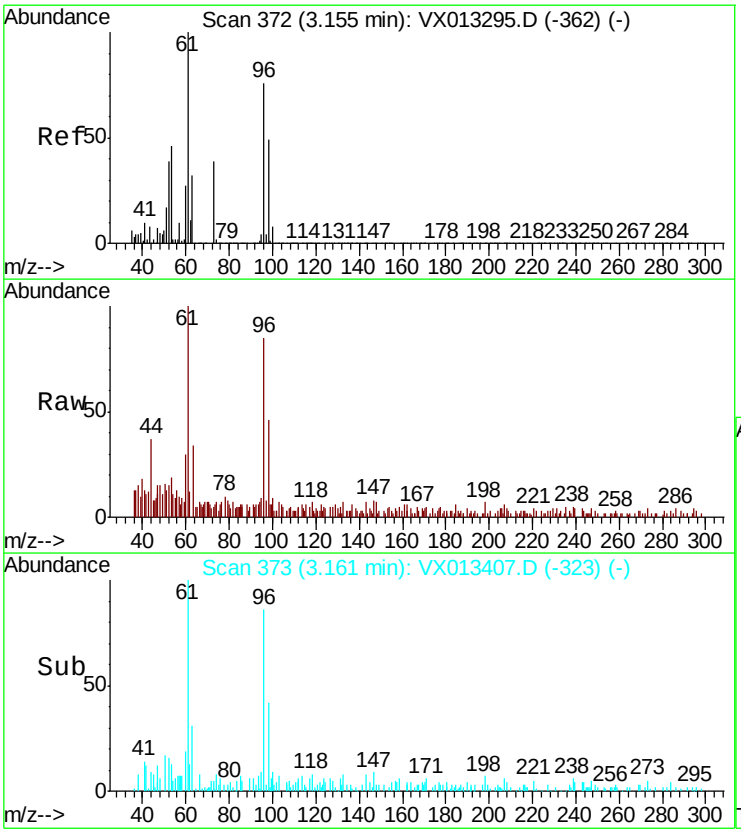
#16
Acetone
Concen: 4.176 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Instrument : MSVOA_X
ClientSampleId : S32-0678

Tgt Ion: 43 Resp: 18307

Ion	Ratio	Lower	Upper
43	100		
58	23.2	24.3	36.5#

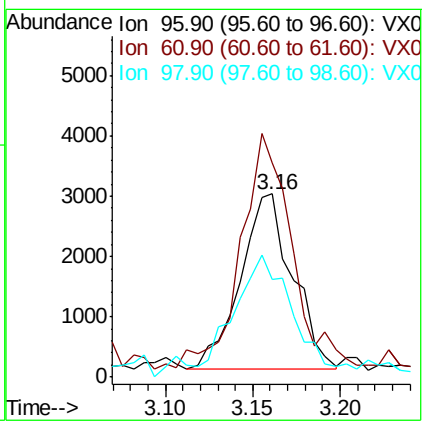


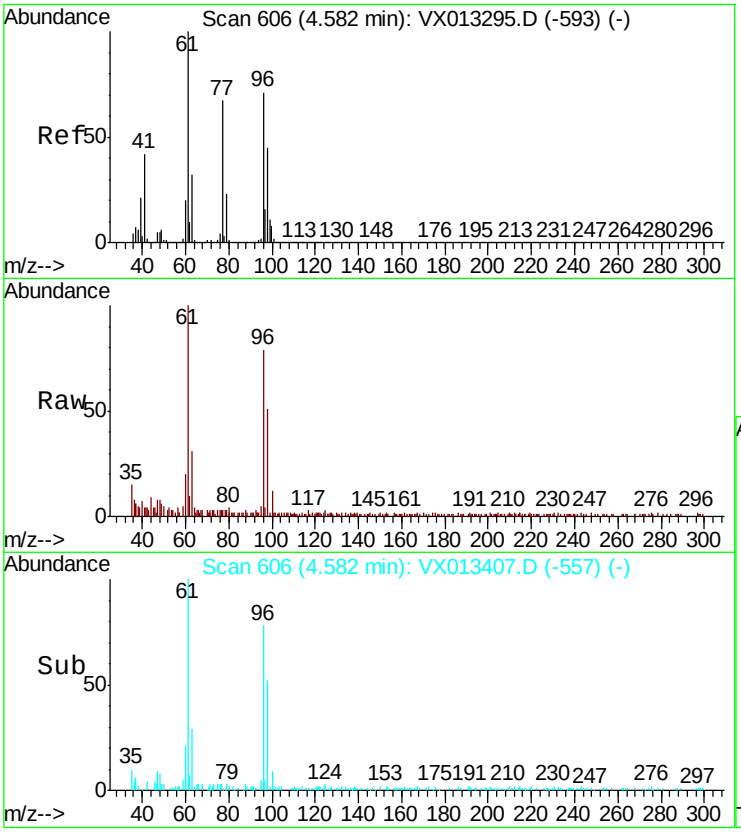


#21
trans-1,2-Dichloroethene
Concen: 0.819 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Tgt Ion: 96 Resp: 6065

Ion	Ratio	Lower	Upper
96	100		
61	107.0	105.8	158.6
98	49.8	51.8	77.6#



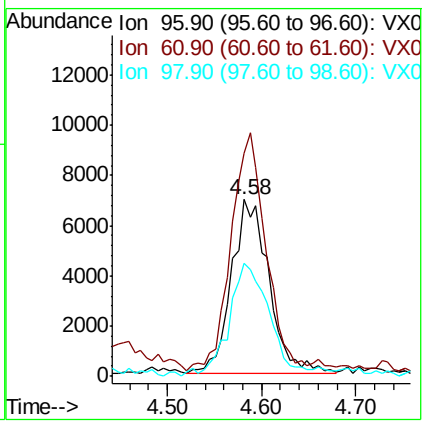


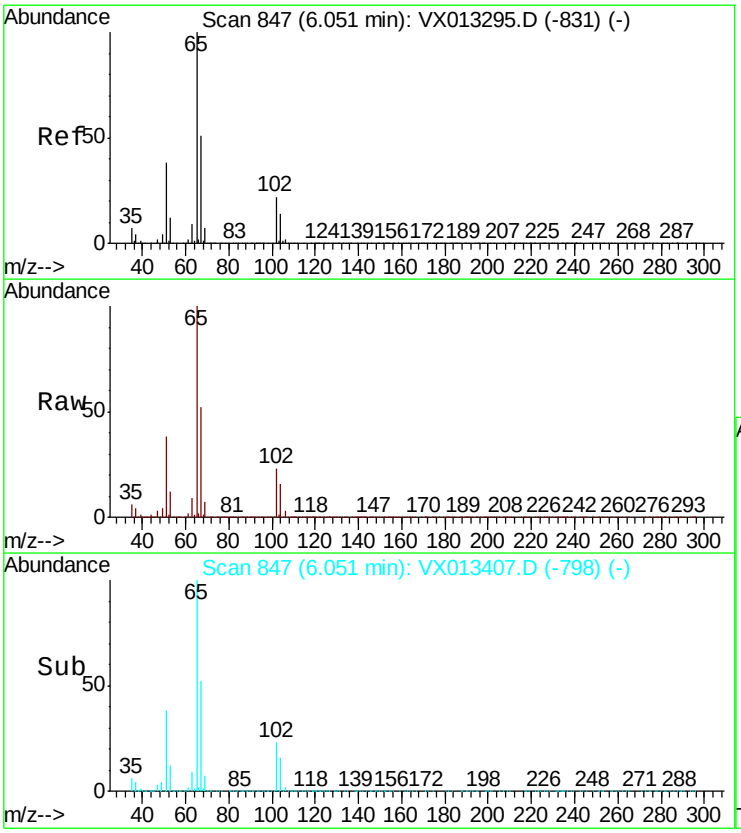
#27
cis-1,2-Dichloroethene
Concen: 2.313 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Instrument :
MSVOA_X
ClientSampleId :
S32-0678

Tgt Ion: 96 Resp: 19198

Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	288.0
98	70.2	0.0	129.6

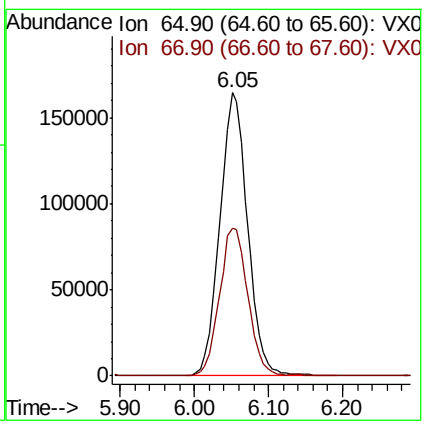


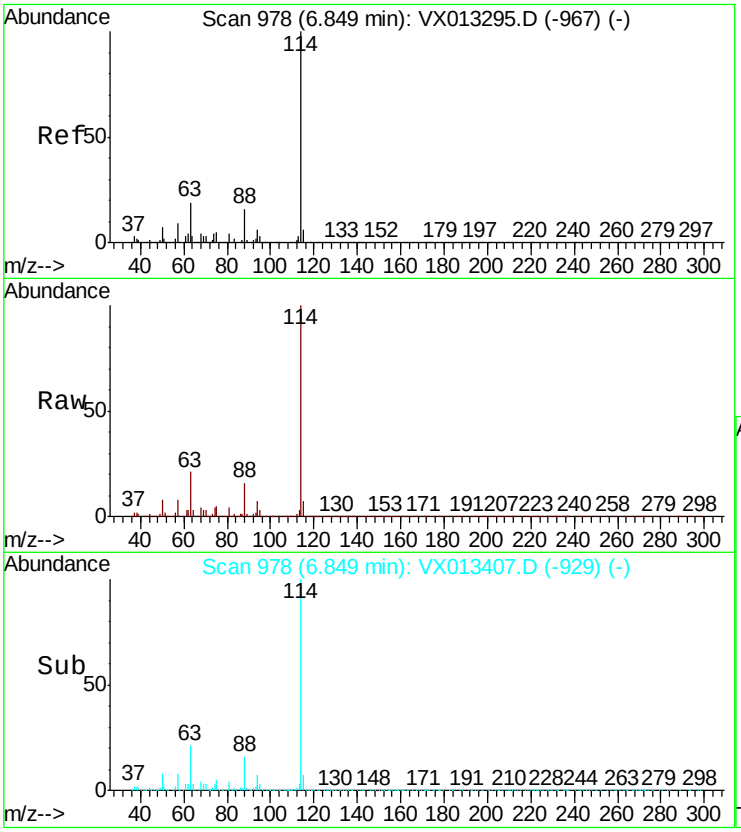


#33
1,2-Dichloroethane-d4
Concen: 48.214 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Tgt Ion: 65 Resp: 423765

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	104.2



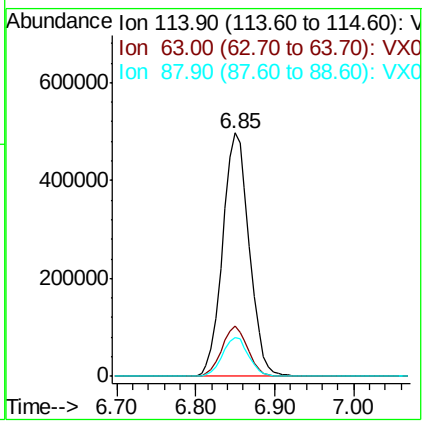


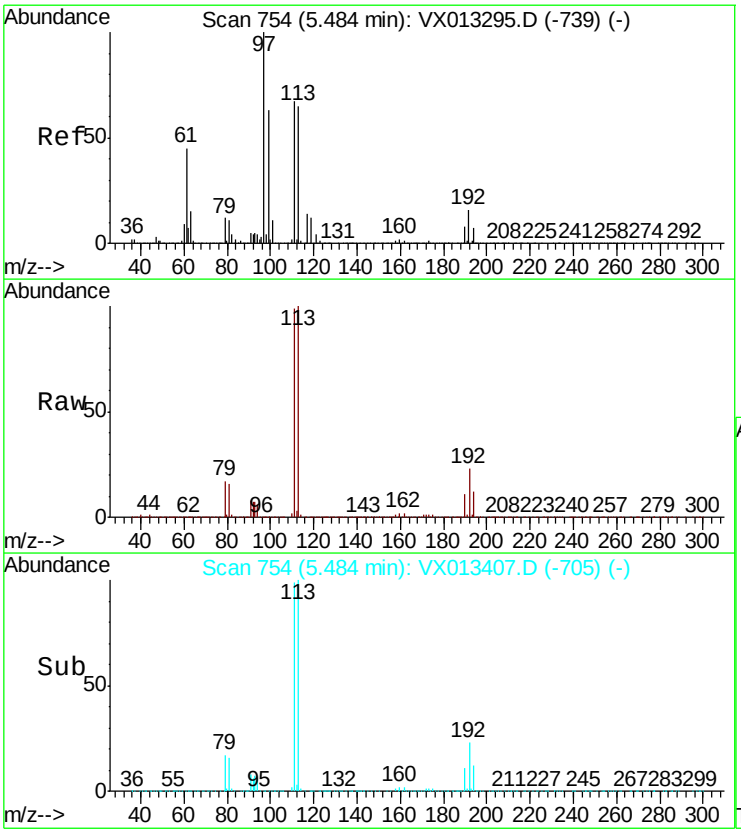
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Instrument :
MSVOA_X
ClientSampleId :
S32-0678

Tgt Ion:114 Resp: 1162621

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	38.4
88	15.9	0.0	32.2

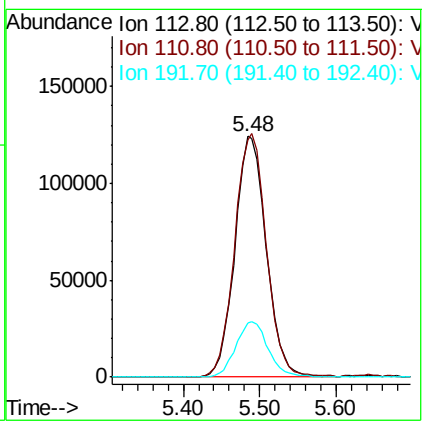


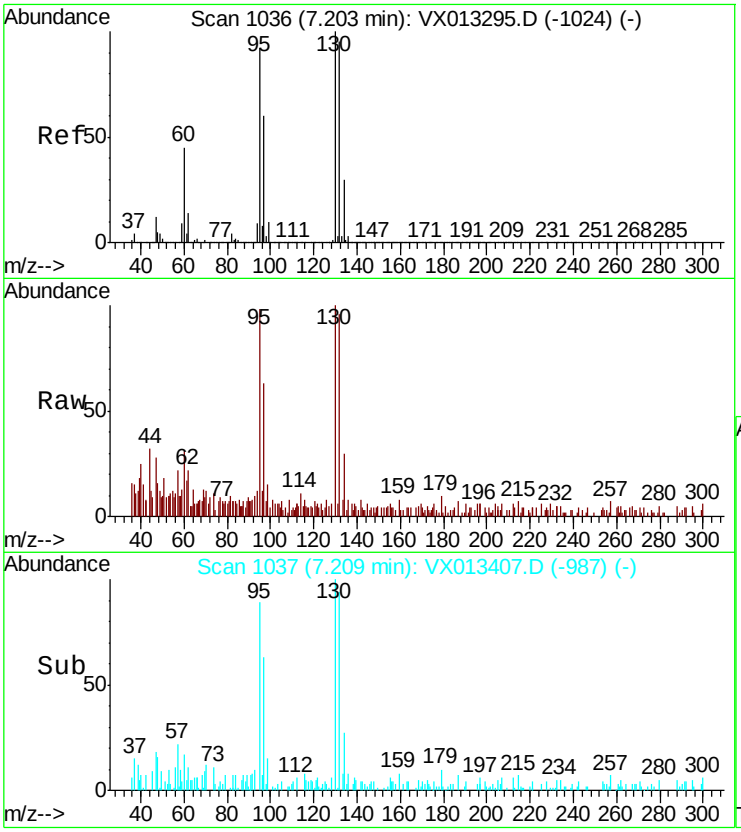


#35
Dibromofluoromethane
Concen: 48.296 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Tgt Ion:113 Resp: 352180

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	24.0	19.1	28.7



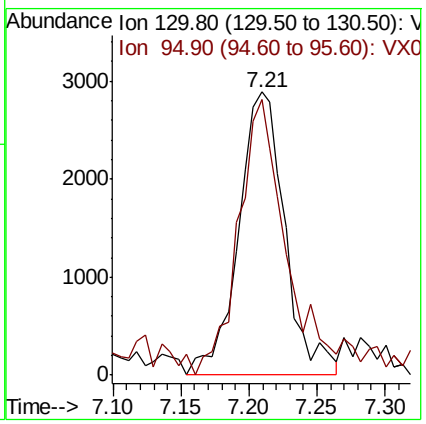


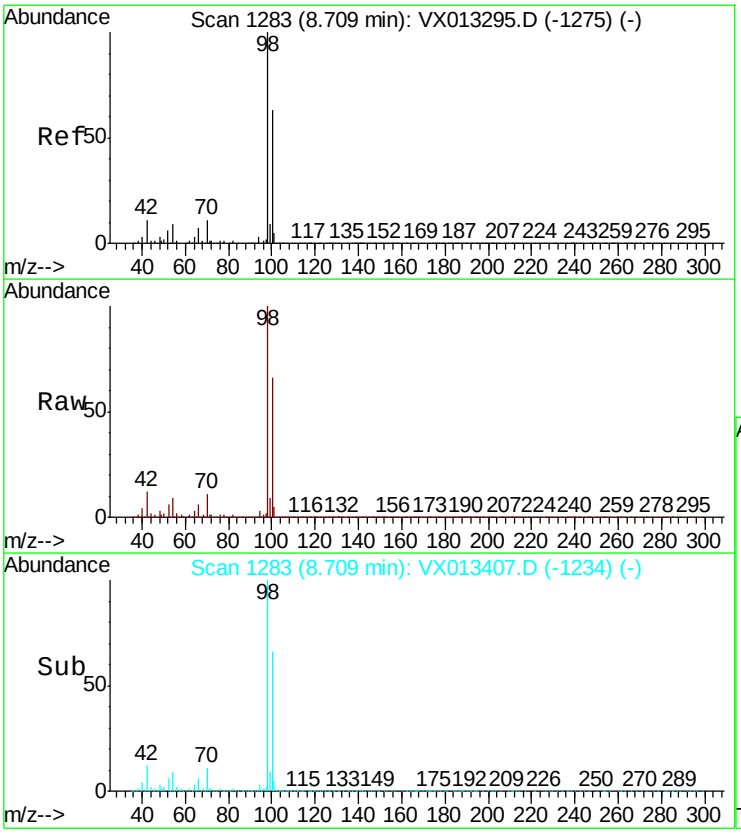
#44
Trichloroethene
Concen: 0.808 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Instrument :
MSVOA_X
ClientSampleId :
S32-0678

Tgt Ion:130 Resp: 6906

Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	184.8

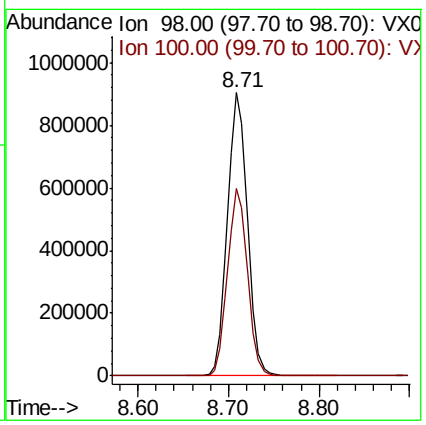


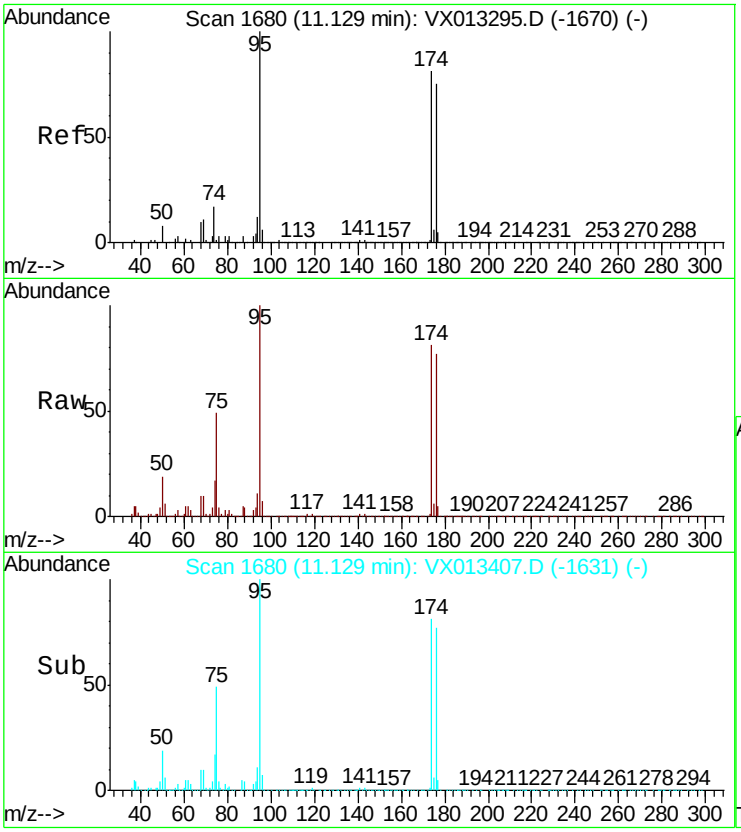


#50
Toluene-d8
Concen: 50.225 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Tgt Ion: 98 Resp: 1380698

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2



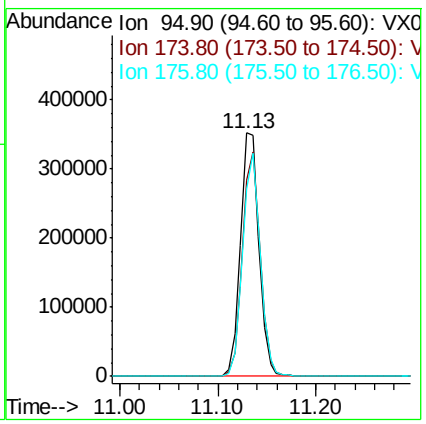


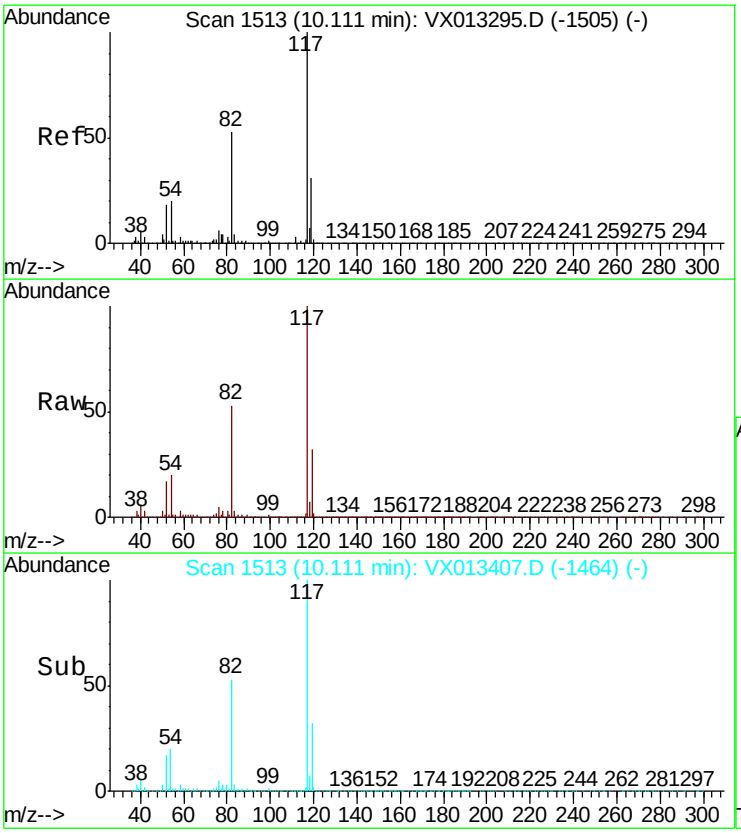
#62
4-Bromofluorobenzene
Concen: 46.664 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Instrument : MSVOA_X
ClientSampleId : S32-0678

Tgt Ion: 95 Resp: 462980

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	179.8
176	87.6	0.0	173.0

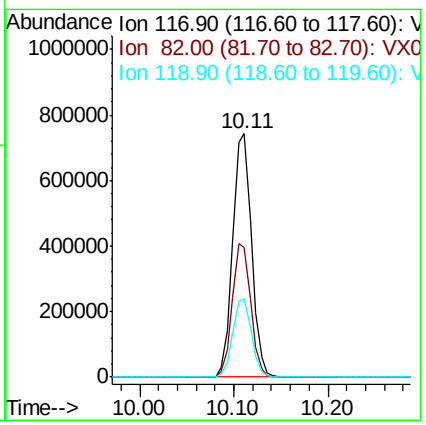


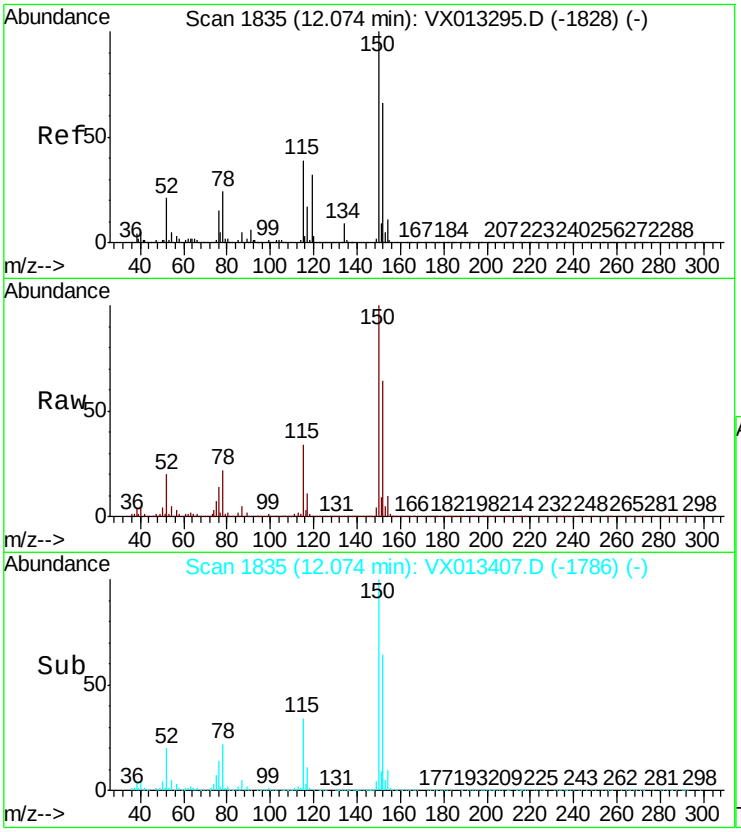


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Tgt Ion:117 Resp: 1030686

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	64.0
119	32.4	24.8	37.2



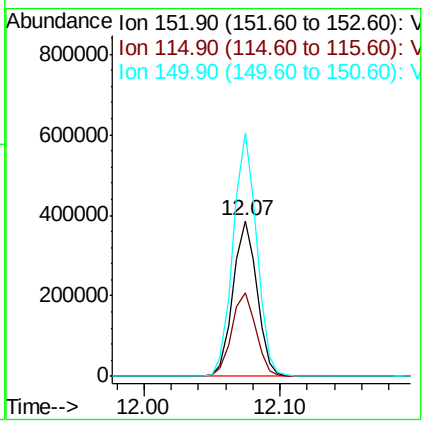


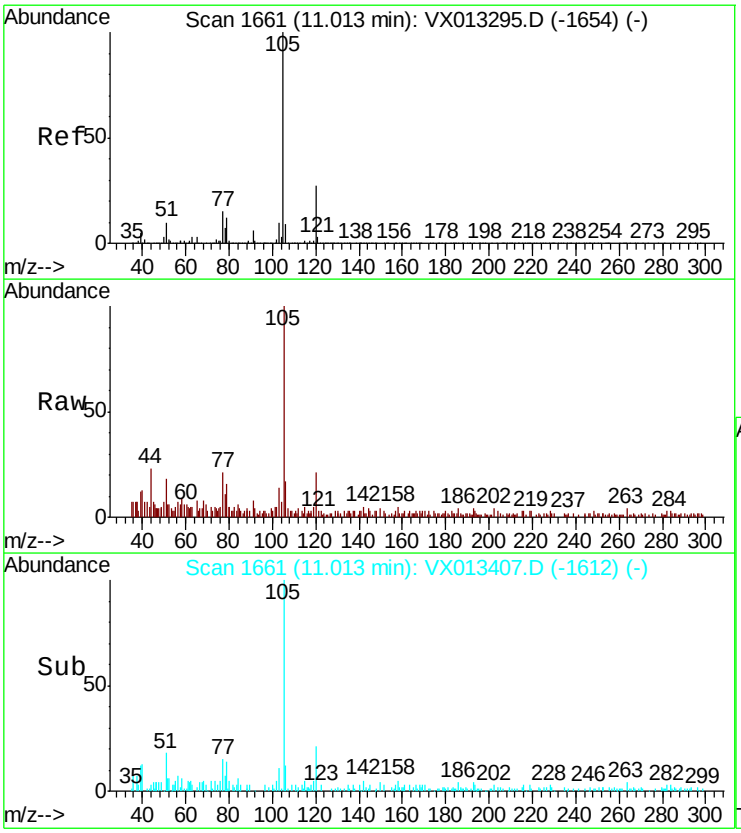
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Instrument : MSVOA_X
ClientSampleId : S32-0678

Tgt Ion:152 Resp: 471134

Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.5	118.3
150	154.4	0.0	344.4





#73
Isopropylbenzene
Concen: 0.227 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013407.D
Acq: 13 Nov 2019 15:08

Tgt Ion:105 Resp: 7093

Ion	Ratio	Lower	Upper
105	100		
120	32.7	13.5	40.5