Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014059.D
Acq On : 17 Dec 2019 18:09
Operator : JC/SP
Sample : K6251-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW203D-20191207

Quant Time: Dec 18 07:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	575557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	889134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	788793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	321450	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.56%			
35) Dibromofluoromethane	5.49	113	264012	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.70%			
50) Toluene-d8	8.71	98	1041420	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.98%			
62) 4-Bromofluorobenzene	11.14	95	347104	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.24%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.36	96	6640	1.199	ug/l	93
24) 1,1-Dichloroethane	3.69	63	29032	2.649	ug/l #	90
27) cis-1,2-Dichloroethene	4.59	96	21739	3.151	ug/l	91
32) 1,1,1-Trichloroethane	5.48	97	8081	0.913	ug/l #	47
44) Trichloroethene	7.20	130	94984	13.699	ug/l	100
64) Tetrachloroethene	9.33	164	4705	0.674	ug/l #	89

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

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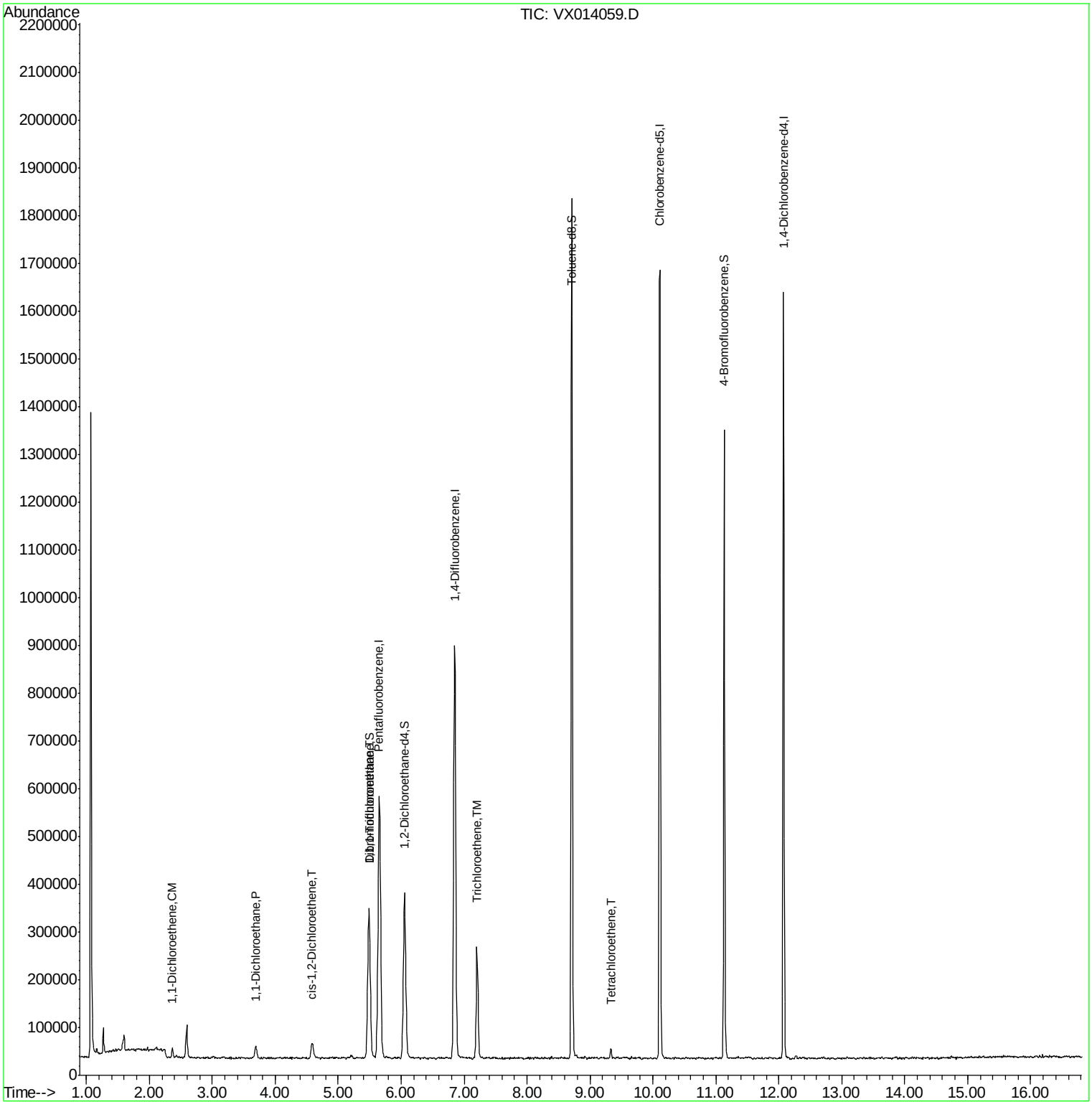
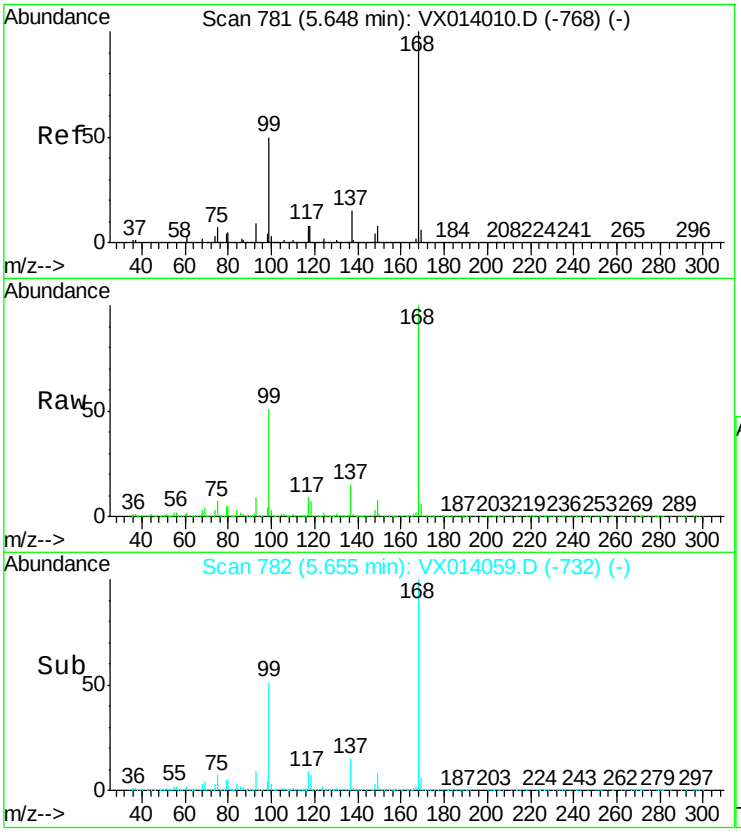


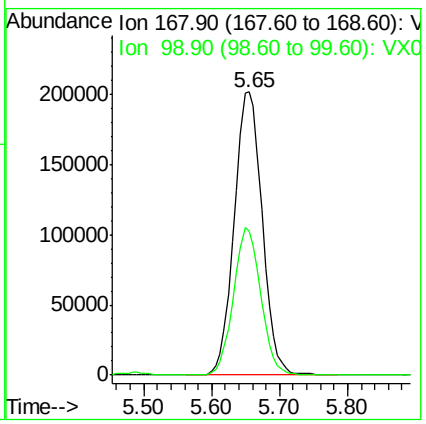


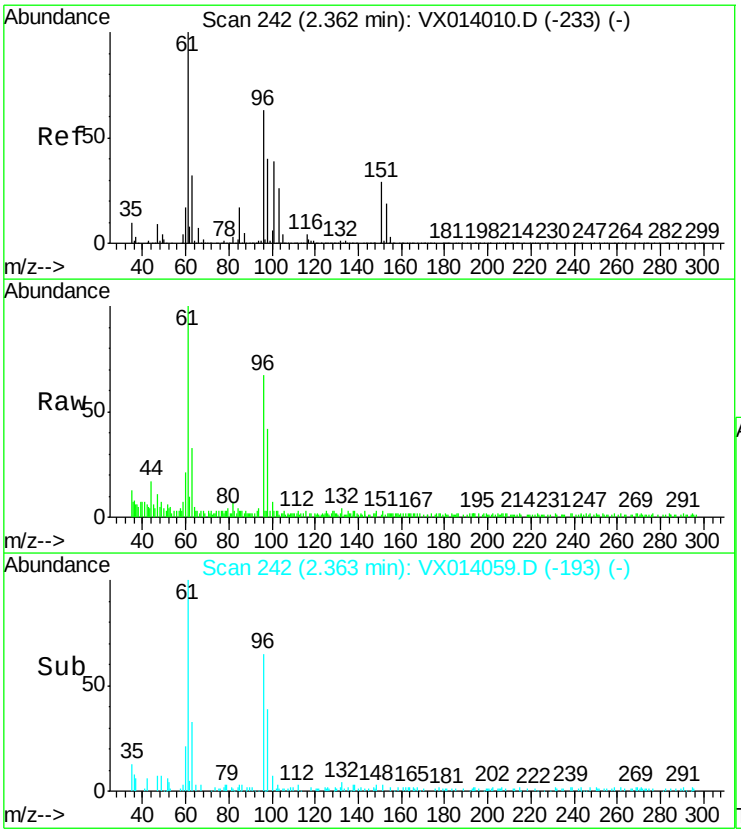
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20191207

Tgt Ion:168 Resp: 575557

Ion	Ratio	Lower	Upper
168	100		
99	50.7	40.3	60.5

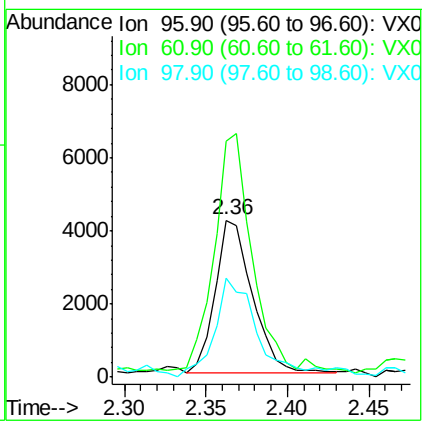


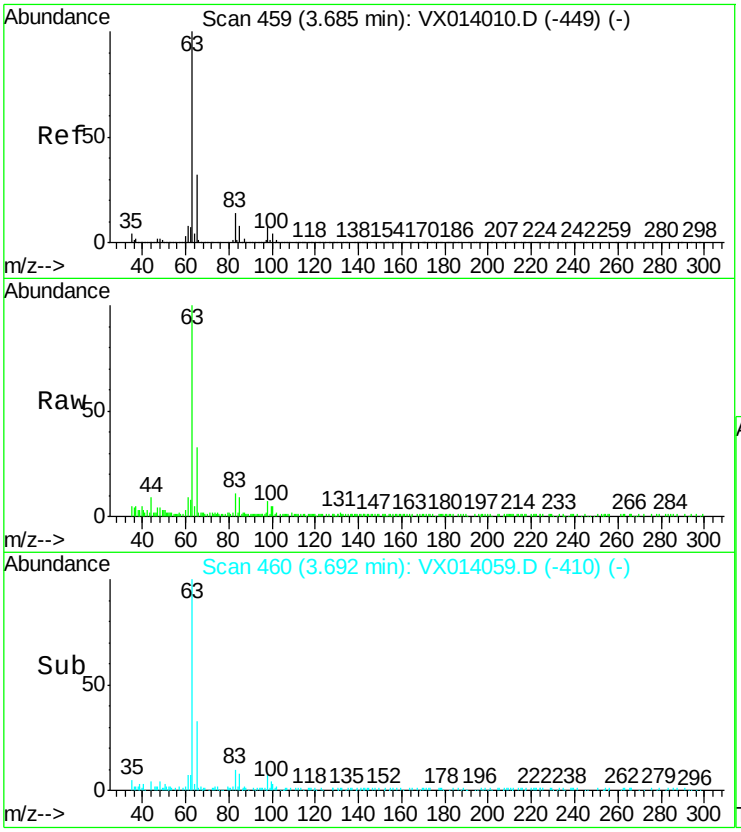


#12
1,1-Dichloroethene
Concen: 1.199 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Tgt Ion: 96 Resp: 6640

Ion	Ratio	Lower	Upper
96	100		
61	148.9	127.9	191.9
98	59.2	50.5	75.7



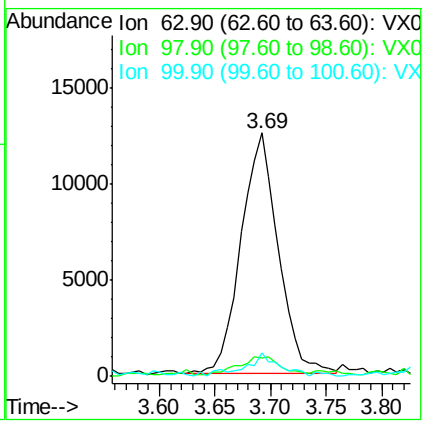


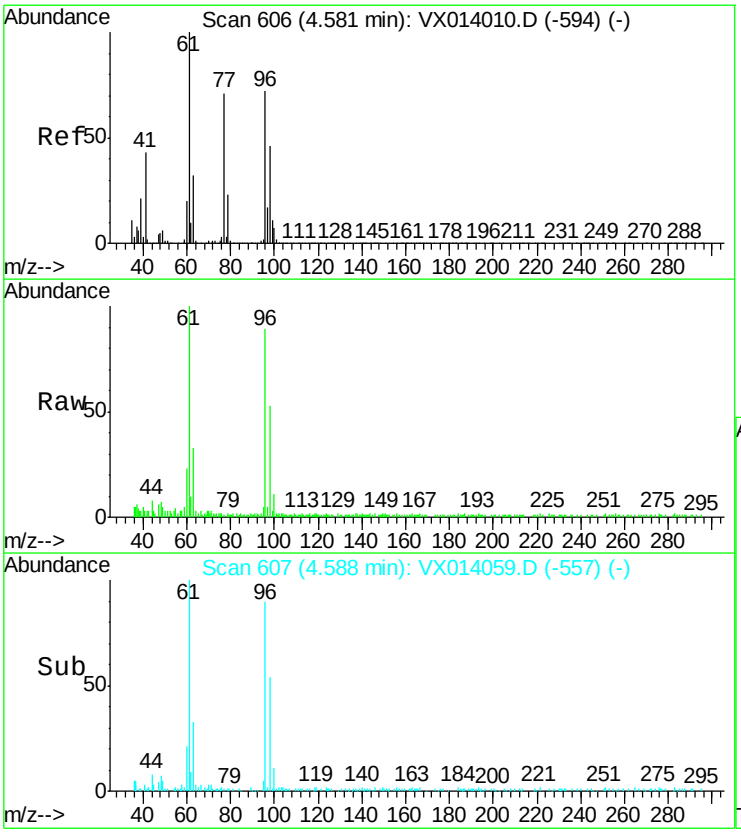
#24
1,1-Dichloroethane
Concen: 2.649 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20191207

Tgt Ion: 63 Resp: 29032

Ion	Ratio	Lower	Upper
63	100		
98	5.2	3.6	10.8
100	10.0	2.3	6.8#

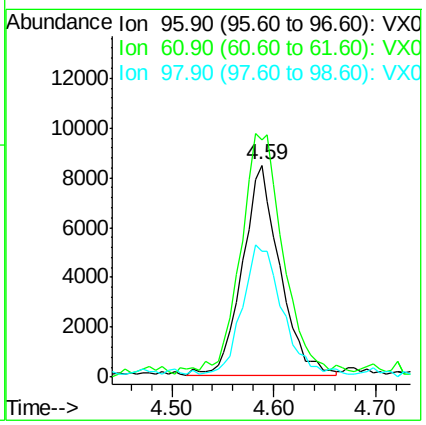


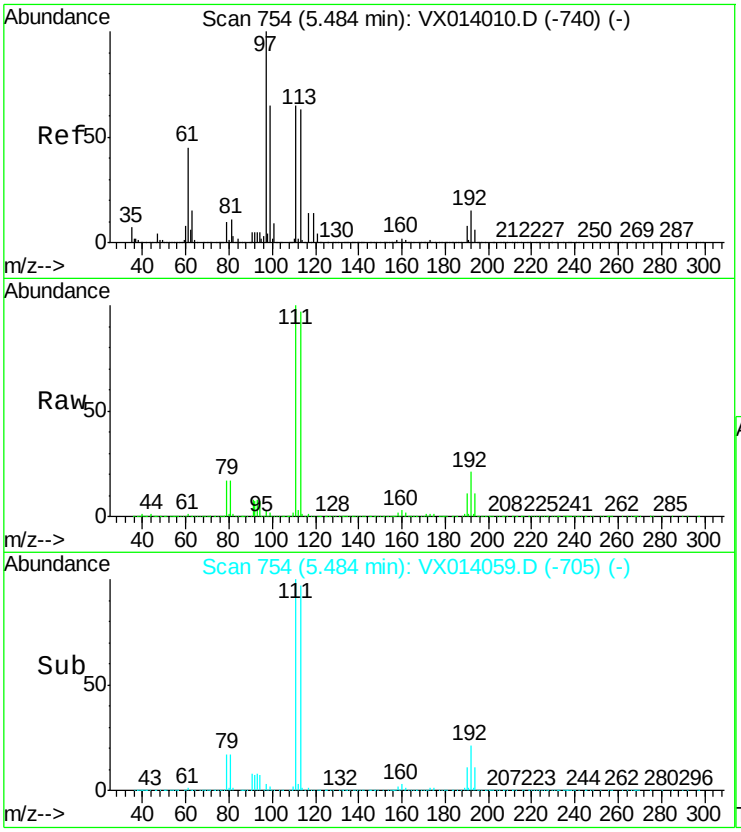


#27
cis-1,2-Dichloroethene
Concen: 3.151 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Tgt Ion: 96 Resp: 21739

Ion	Ratio	Lower	Upper
96	100		
61	128.6	0.0	288.4
98	64.8	0.0	129.6



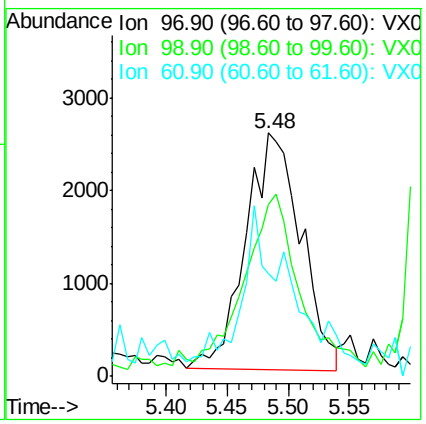


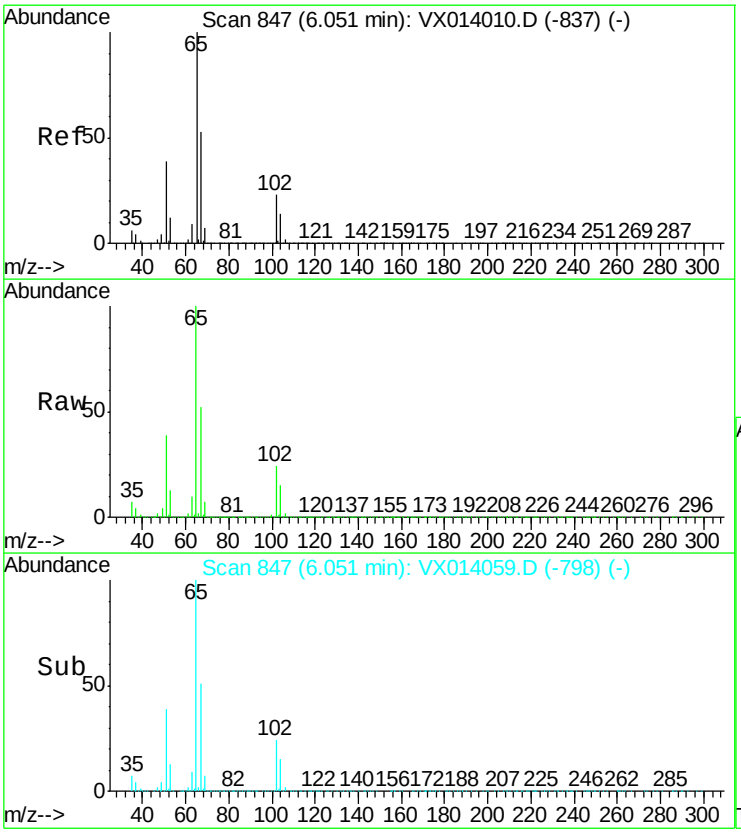
#32
1,1,1-Trichloroethane
Concen: 0.913 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20191207

Tgt Ion: 97 Resp: 8081

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	37.6	36.7	55.1

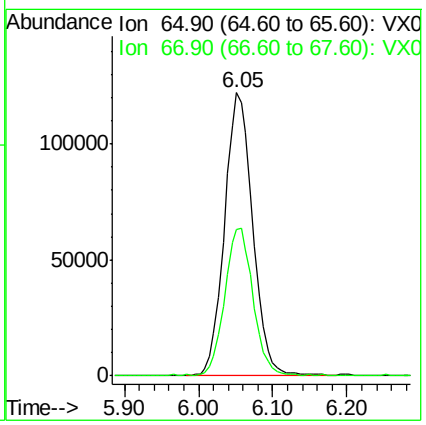


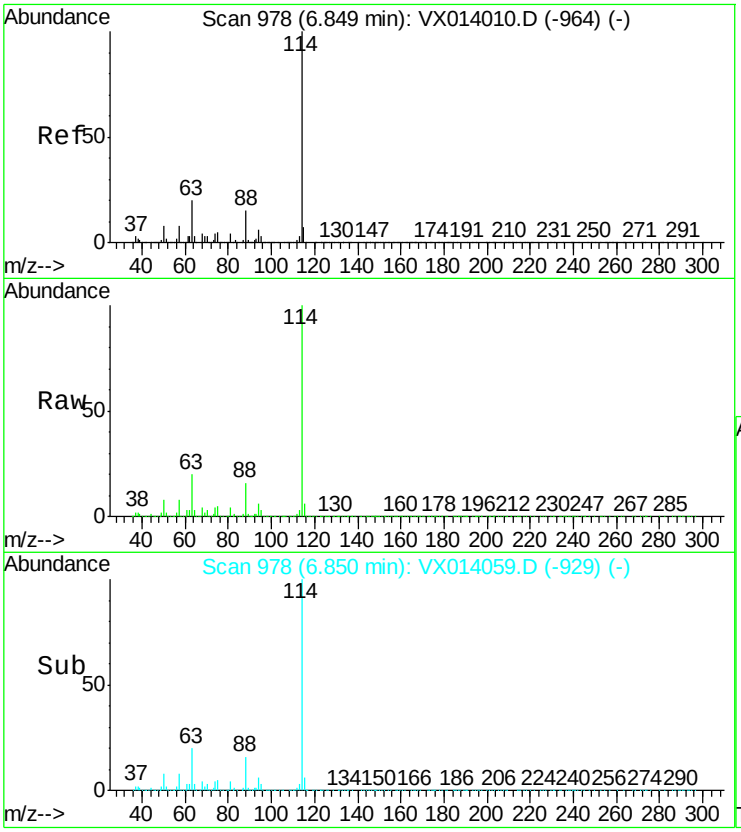


#33
1,2-Dichloroethane-d4
Concen: 49.278 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Tgt Ion: 65 Resp: 321450

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.4



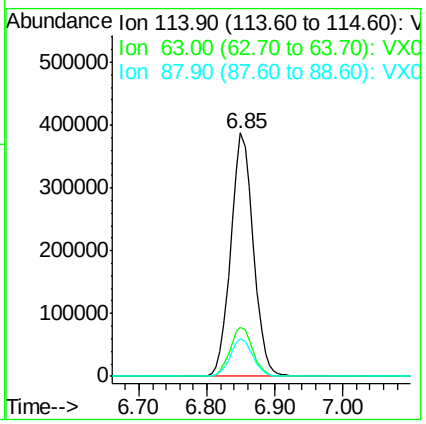


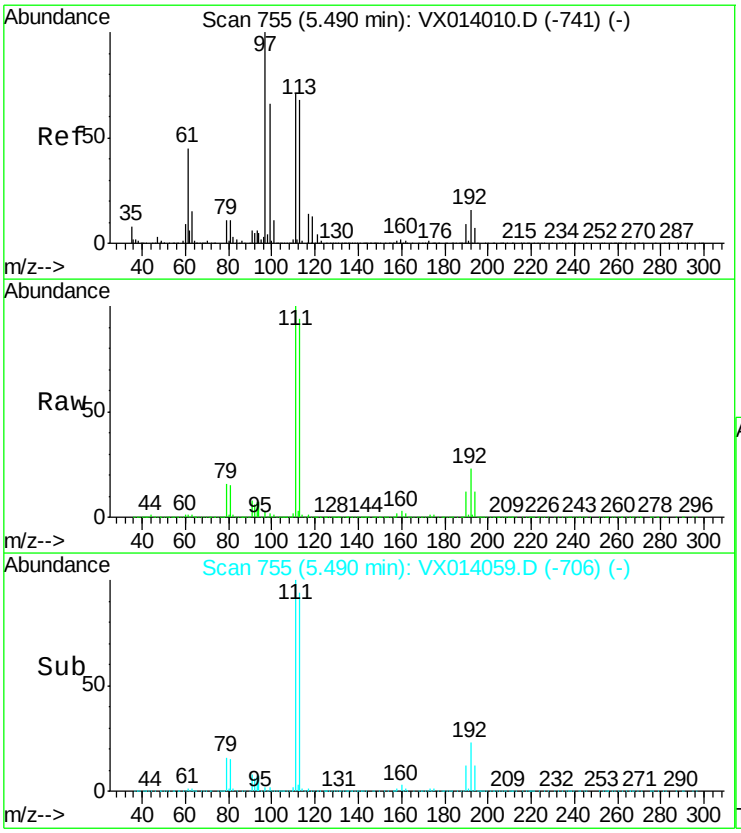
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20191207

Tgt Ion:114 Resp: 889134

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	15.6	0.0	30.4

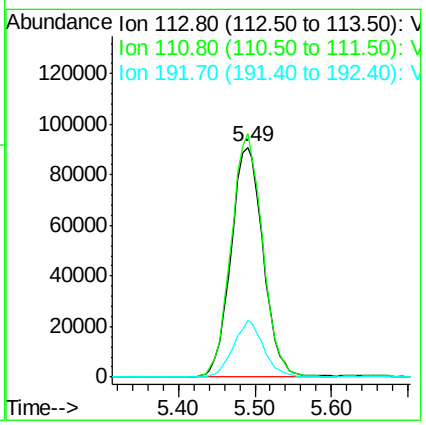


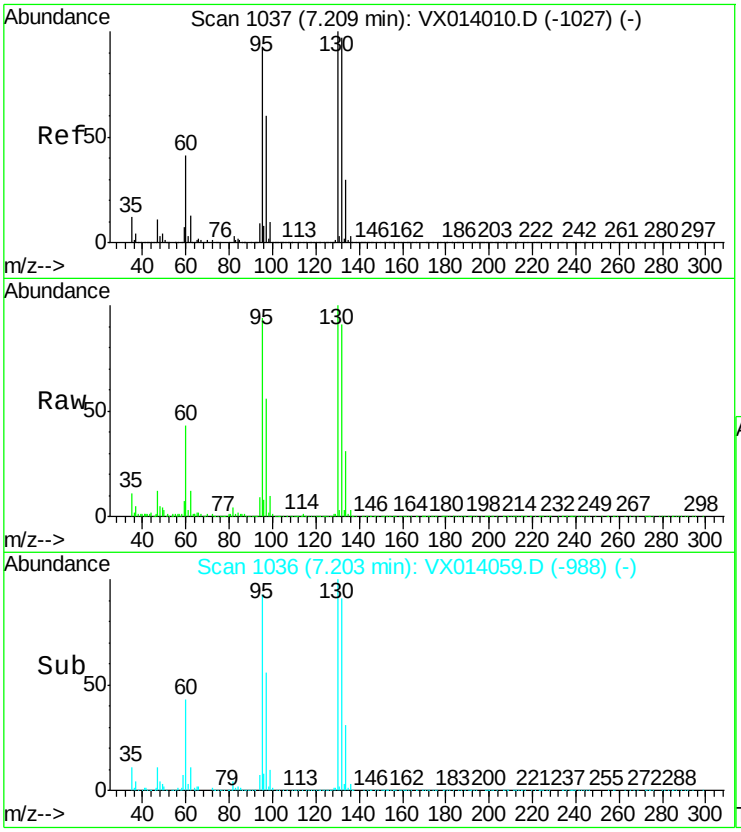


#35
Dibromofluoromethane
Concen: 48.846 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Tgt Ion:113 Resp: 264012

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.0	123.0
192	23.5	19.3	28.9



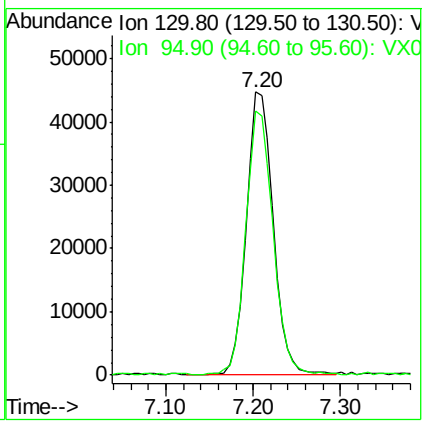


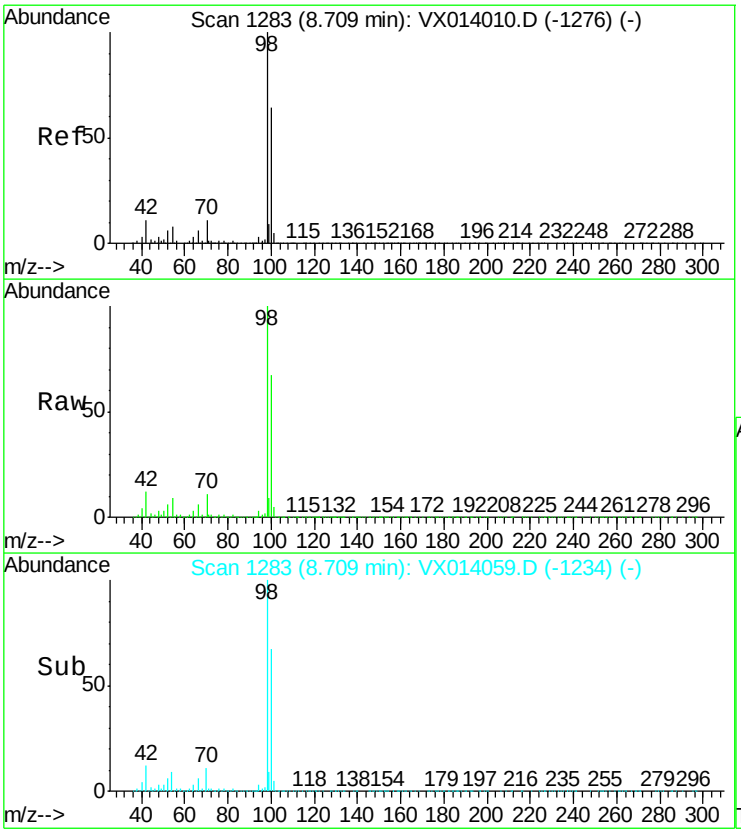
#44
Trichloroethene
Concen: 13.699 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20191207

Tgt Ion:130 Resp: 94984

Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	185.6

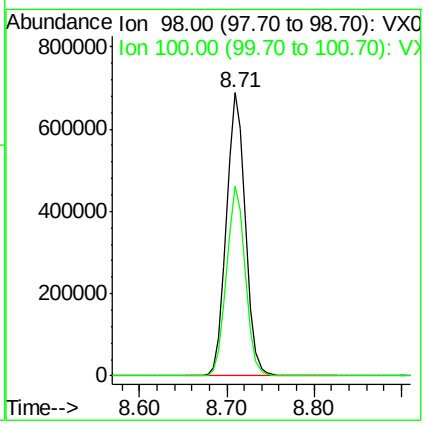


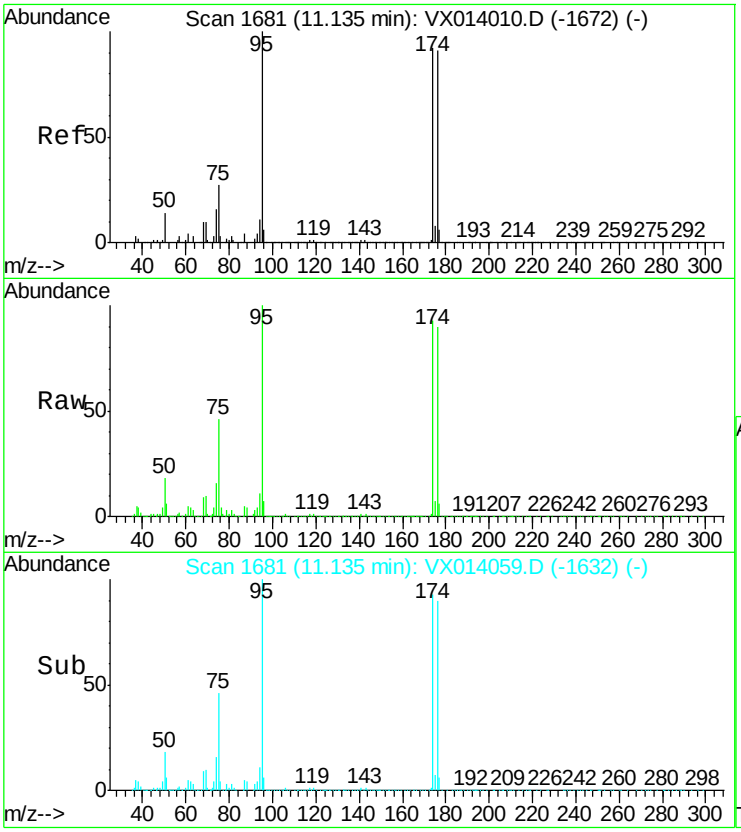


#50
Toluene-d8
Concen: 49.491 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Tgt Ion: 98 Resp: 1041420

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3



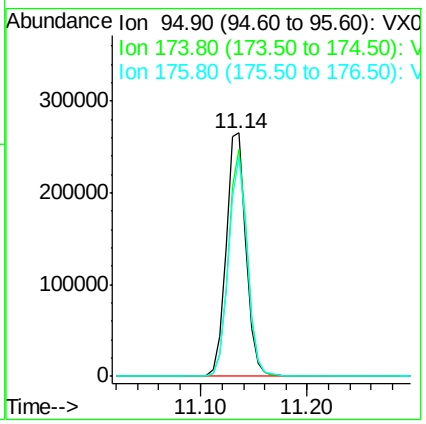


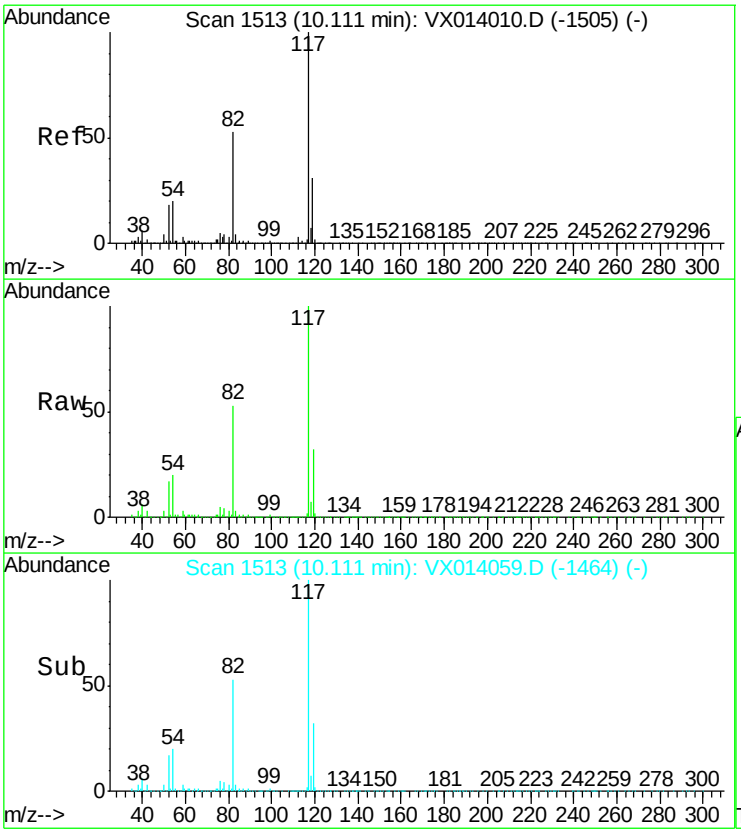
#62
4-Bromofluorobenzene
Concen: 45.125 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20191207

Tgt Ion: 95 Resp: 347104

Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	175.8
176	85.5	0.0	173.0

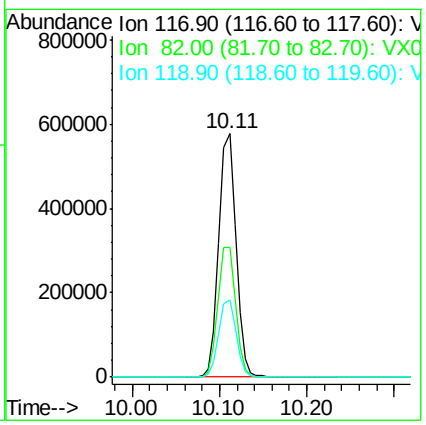


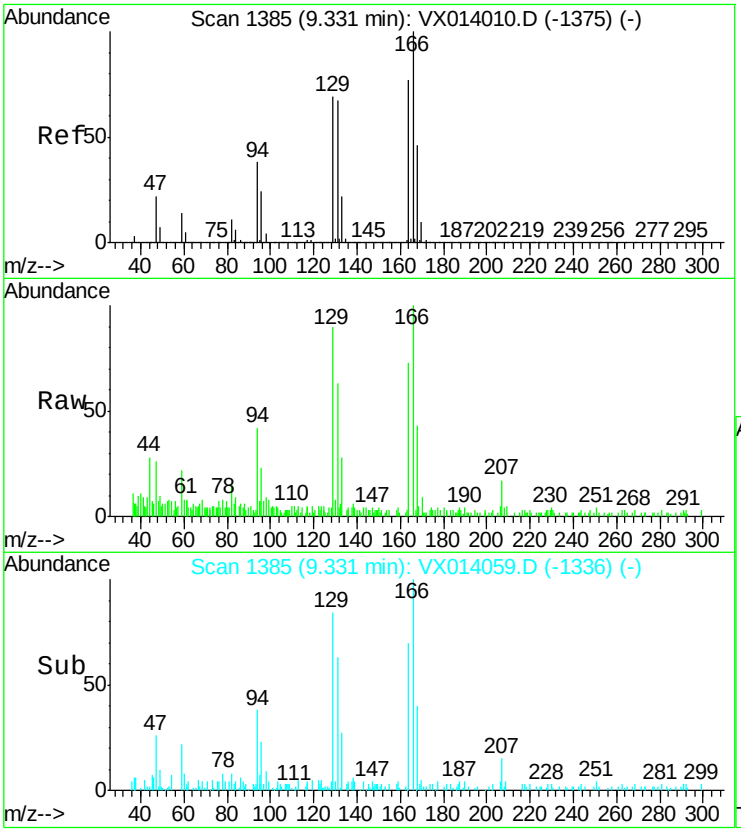


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Tgt Ion:117 Resp: 788793

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	31.6	25.1	37.7



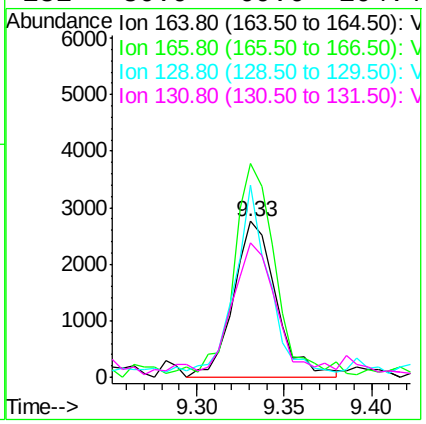


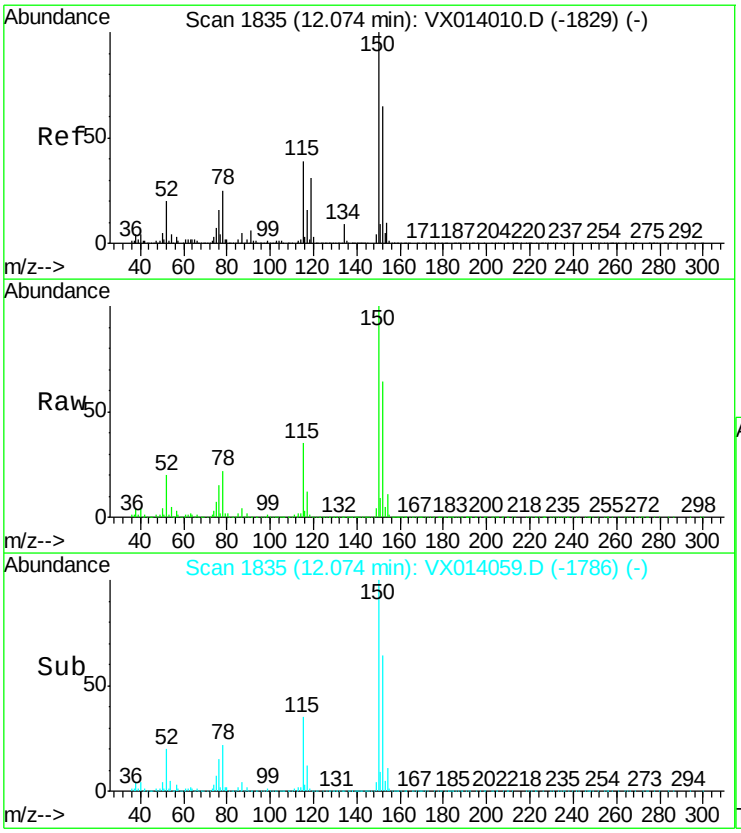
#64
Tetrachloroethene
Concen: 0.674 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20191207

Tgt Ion:164 Resp: 4705

Ion	Ratio	Lower	Upper
164	100		
166	130.3	104.0	156.0
129	119.6	72.2	108.4#
131	80.9	69.6	104.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Tgt Ion:152 Resp: 333114

Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.3	114.9
150	155.2	0.0	345.4