Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014060.D
Acq On : 17 Dec 2019 18:32
Operator : JC/SP
Sample : K6251-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW203D1-20191207

Quant Time: Dec 18 07:15:28 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	584187	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	894774	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	790574	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335196	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	326120	49.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.52%				
35) Dibromofluoromethane	5.49	113	267543	49.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.38%				
50) Toluene-d8	8.71	98	1051634	49.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.32%				
62) 4-Bromofluorobenzene	11.14	95	344309	44.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.96%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2568	0.366	ug/l		97
6) Chloroethane	1.73	64	951	0.208	ug/l	#	49
10) Methyl Iodide	2.51	142	597	2.698	ug/l	#	77
12) 1,1-Dichloroethene	2.37	96	32715	5.822	ug/l		98
13) Acrolein	2.27	56	339	0.414	ug/l	#	40
16) Acetone	2.43	43	9656	2.246	ug/l		89
17) Carbon Disulfide	2.56	76	1459	0.842	ug/l	#	88
19) Methyl tert-butyl Ether	3.18	73	4174	0.226	ug/l		95
24) 1,1-Dichloroethane	3.69	63	181894	16.352	ug/l		100
27) cis-1,2-Dichloroethene	4.59	96	6449	0.921	ug/l		77
28) Bromochloromethane	4.97	49	700	0.616	ug/l	#	38
30) Chloroform	5.20	83	8885	0.843	ug/l		88
32) 1,1,1-Trichloroethane	5.48	97	25427	2.829	ug/l		95
36) 1,1-Dichloropropene	5.65	75	37655	4.586	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	50797	6.792	ug/l	#	17
44) Trichloroethene	7.20	130	38883	5.573	ug/l		98
49) 1,4-Dioxane	7.75	88	780	5.217	ug/l	#	41
64) Tetrachloroethene	9.33	164	6424	0.918	ug/l		93
76) 1,2,3-Trichloropropane	11.13	75	168359	23.136	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	168359	65.301	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	13.13	75	368	0.203	ug/l		83

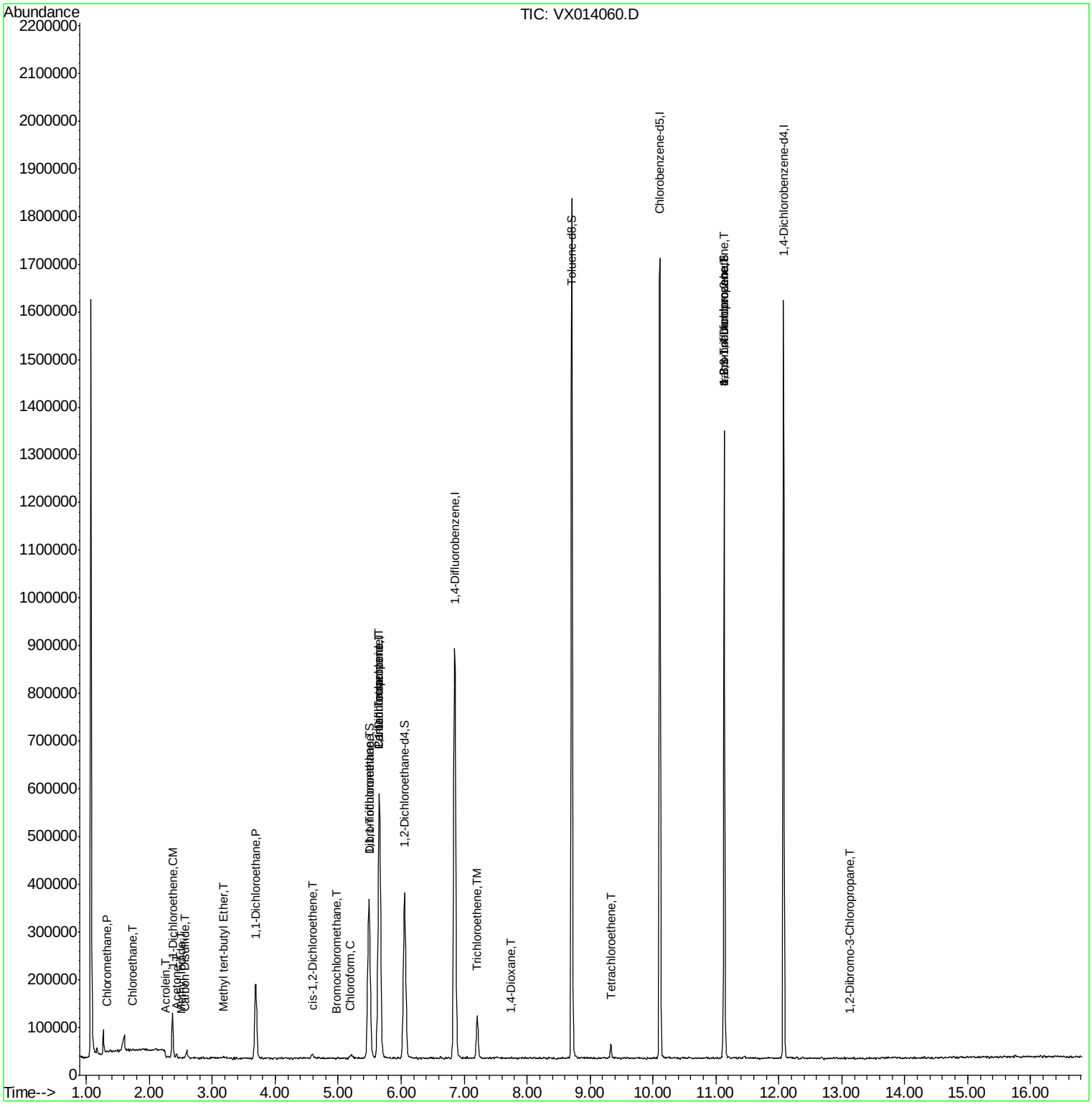
(#) = qualifier out of range (m) = manual integration (+) = signals summed

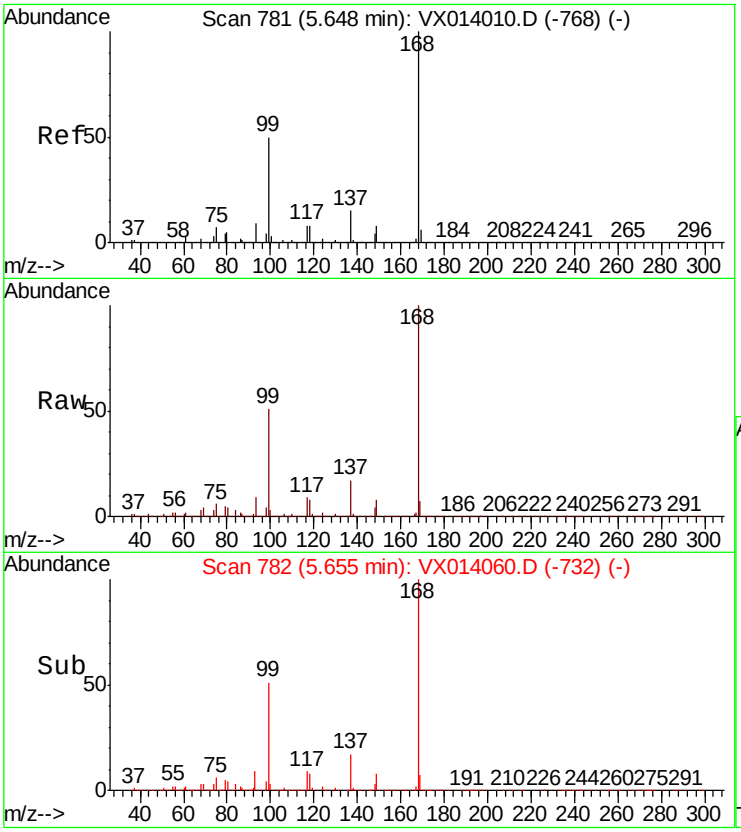
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014060.D
Acq On : 17 Dec 2019 18:32
Operator : JC/SP
Sample : K6251-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Quant Time: Dec 18 07:15:28 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



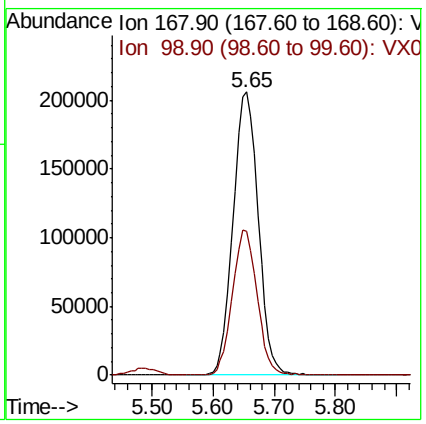


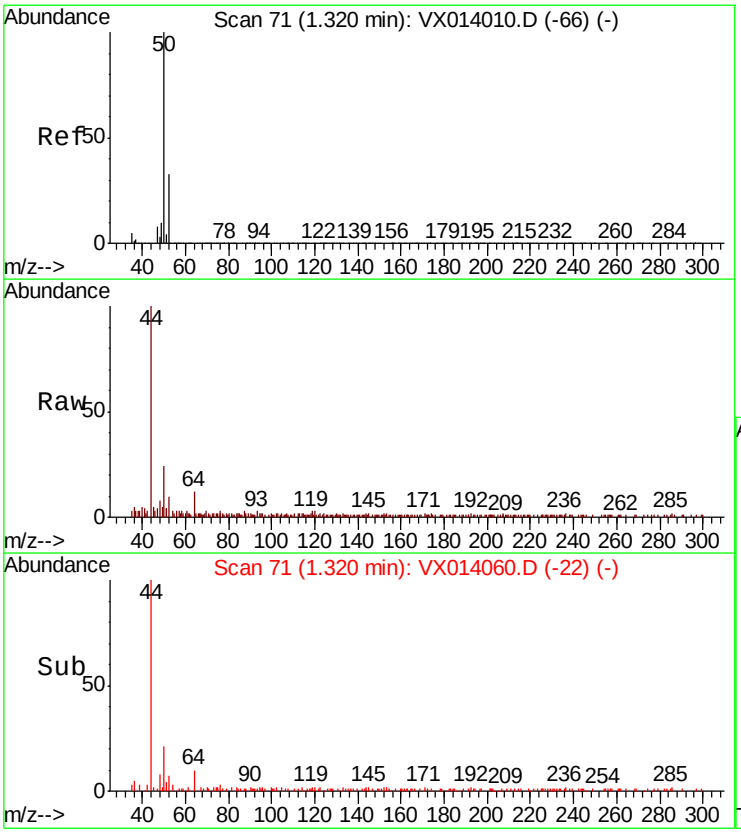
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion:168 Resp: 584187

Ion	Ratio	Lower	Upper
168	100		
99	50.5	40.3	60.5

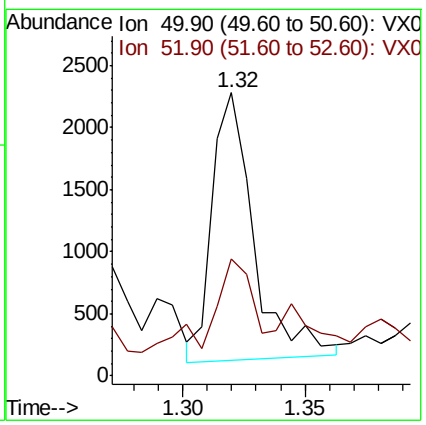


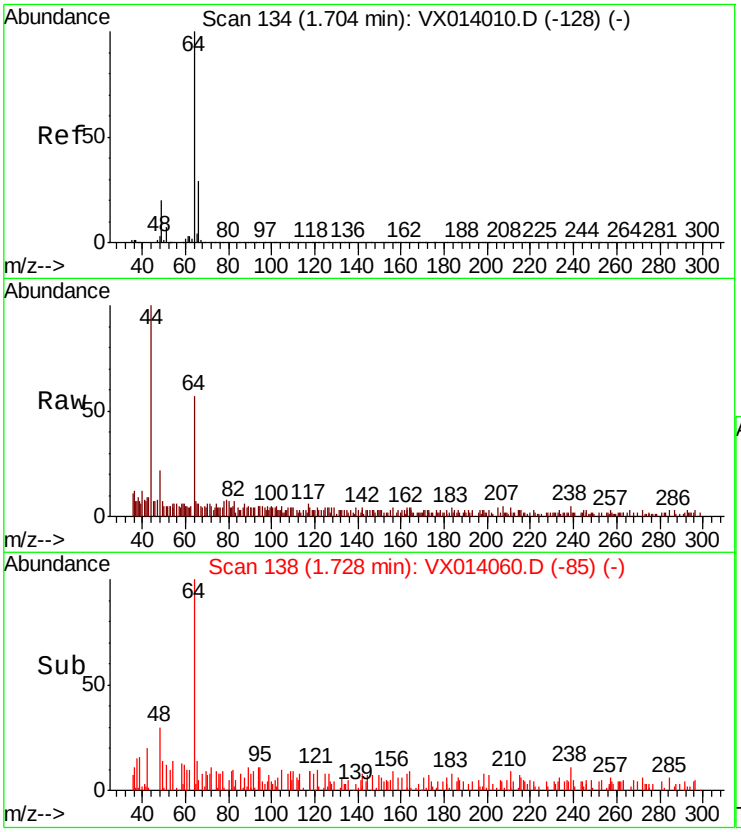


#3
Chloromethane
Concen: 0.366 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion: 50 Resp: 2568

Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.2	39.4



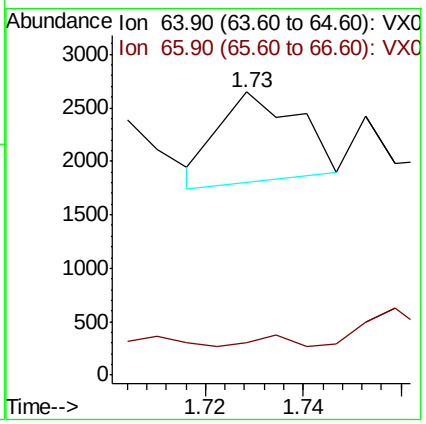


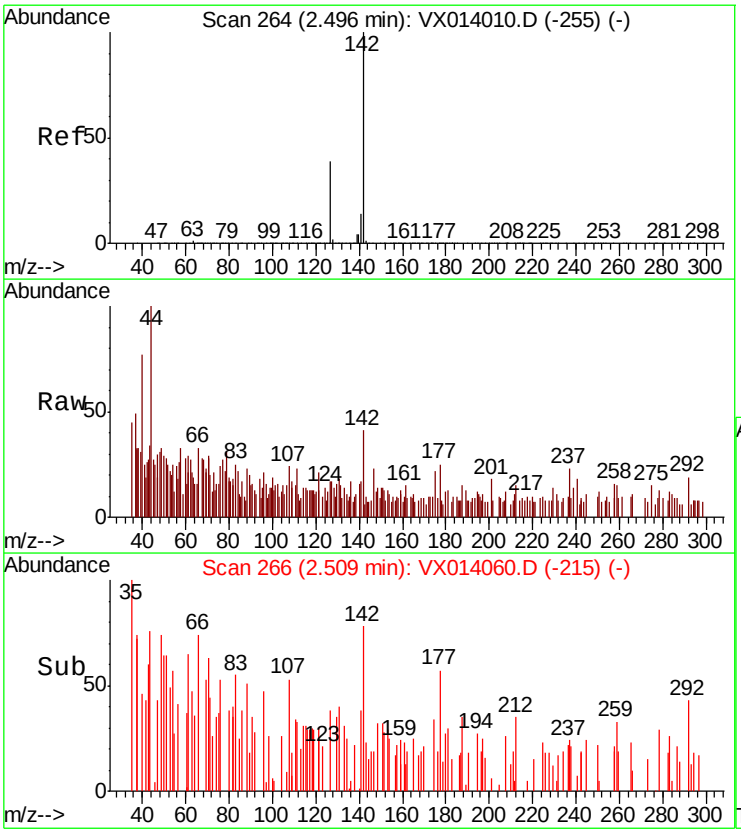
#6
Chloroethane
Concen: 0.208 ug/l
RT: 1.73 min Scan# 138
Delta R.T. 0.02 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 64 Resp: 951

Ion	Ratio	Lower	Upper
64	100		
66	1.7	23.4	35.2#

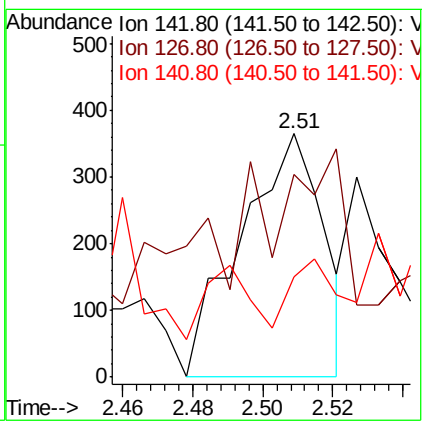


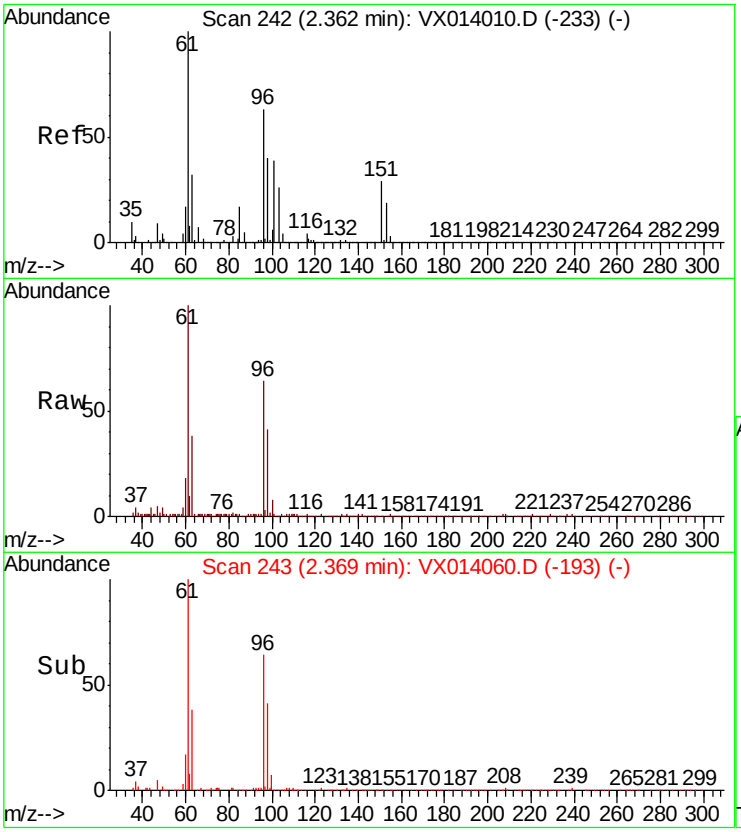


#10
Methyl Iodide
Concen: 2.698 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion:142 Resp: 597

Ion	Ratio	Lower	Upper
142	100		
127	53.6	31.6	47.4#
141	24.1	11.6	17.4#



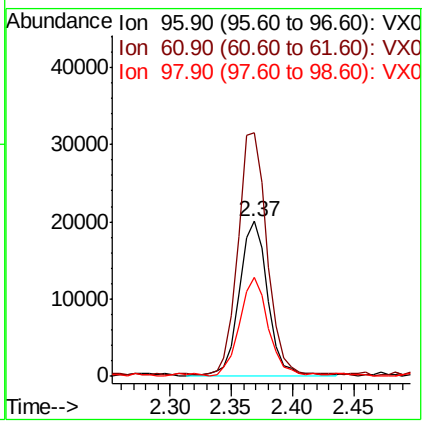


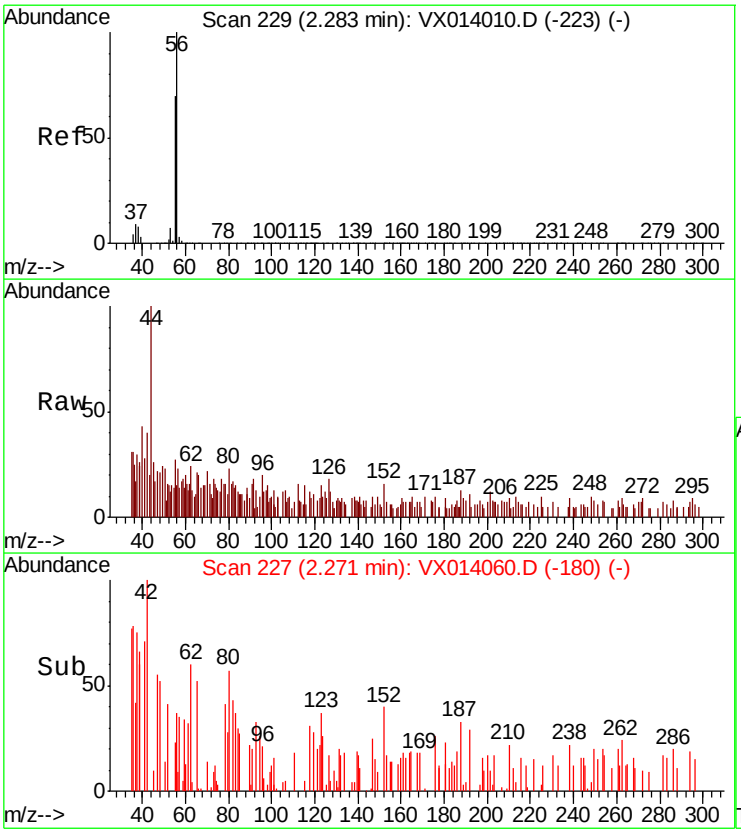
#12
1,1-Dichloroethene
Concen: 5.822 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 96 Resp: 32715

Ion	Ratio	Lower	Upper
96	100		
61	157.1	127.9	191.9
98	63.4	50.5	75.7

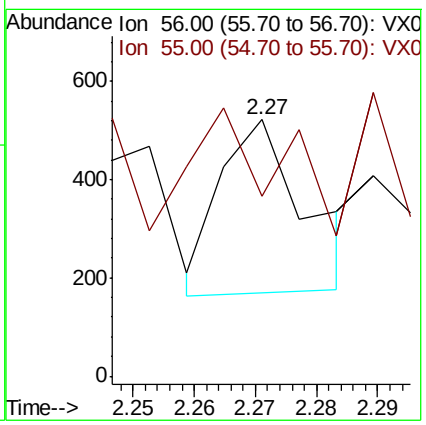


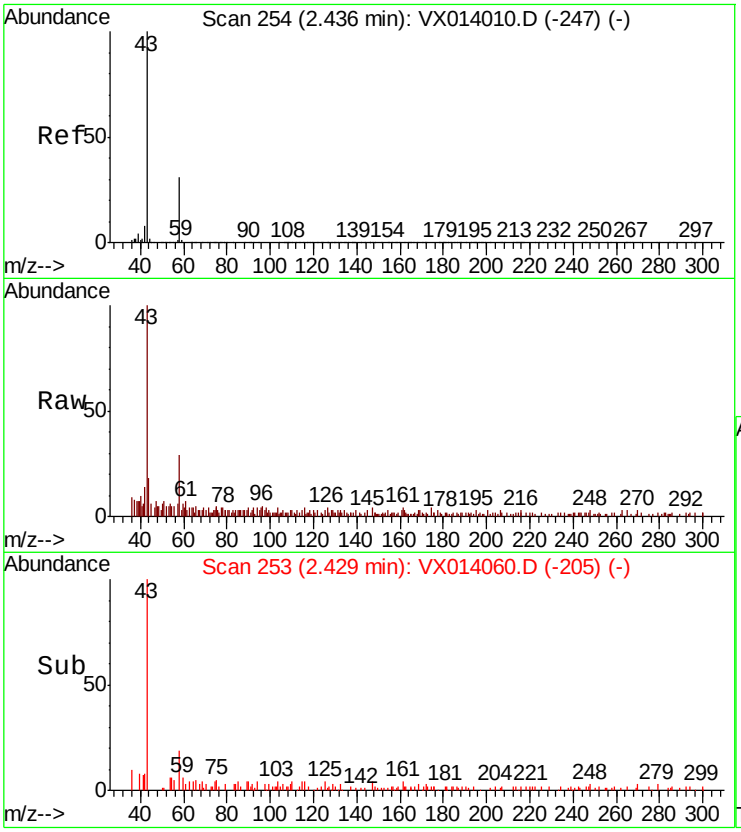


#13
Acrolein
Concen: 0.414 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion: 56 Resp: 339

Ion	Ratio	Lower	Upper
56	100		
55	120.6	56.9	85.3#



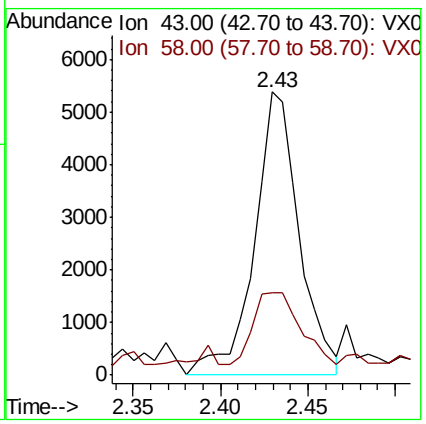


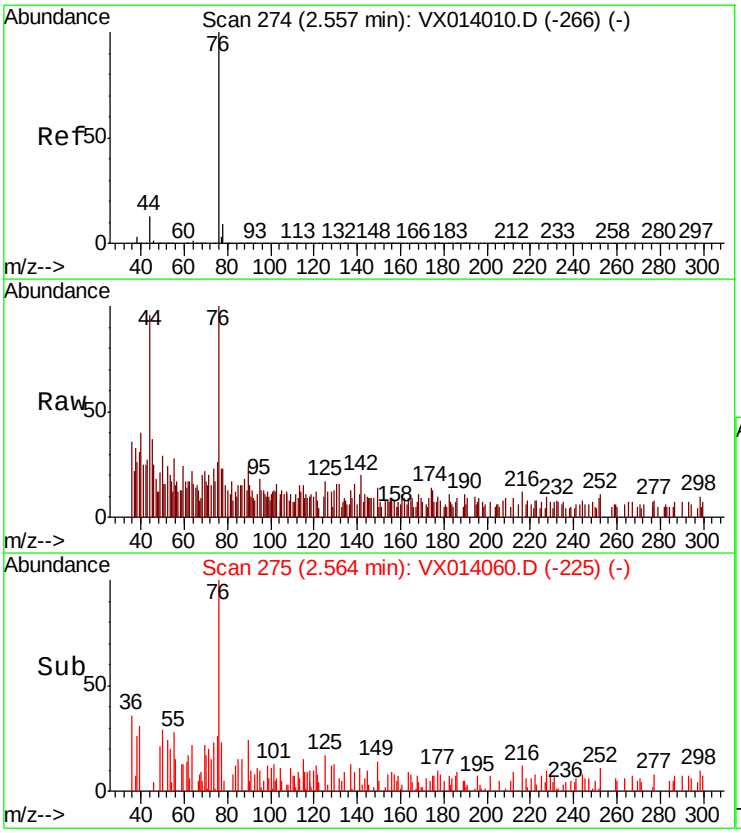
#16
Acetone
Concen: 2.246 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 43 Resp: 9656

Ion	Ratio	Lower	Upper
43	100		
58	25.3	24.9	37.3

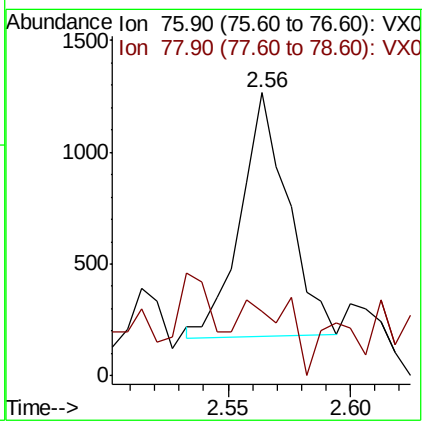


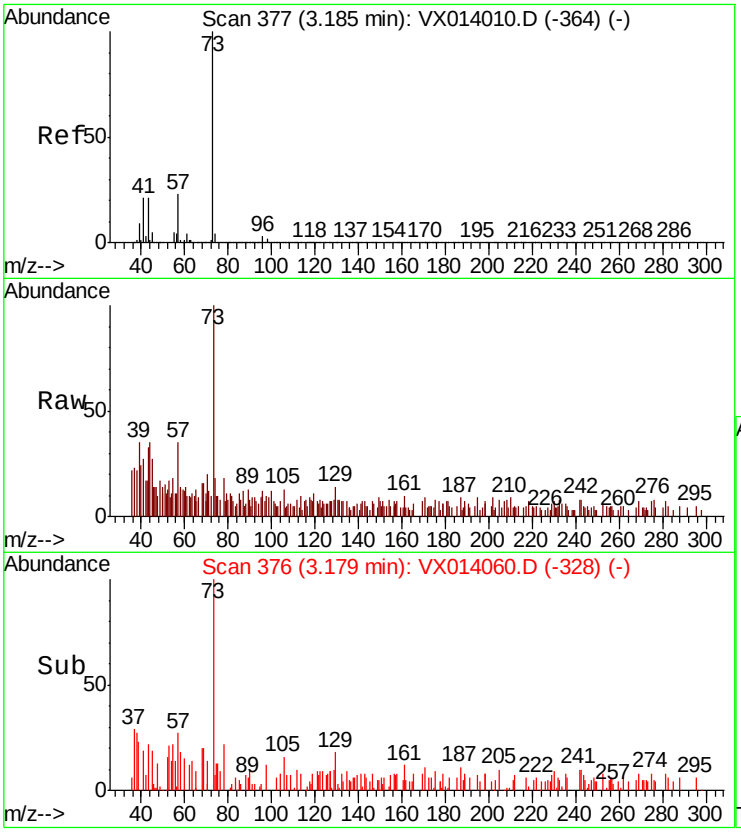


#17
Carbon Disulfide
Concen: 0.842 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion: 76 Resp: 1459

Ion	Ratio	Lower	Upper
76	100		
78	4.5	7.2	10.8#



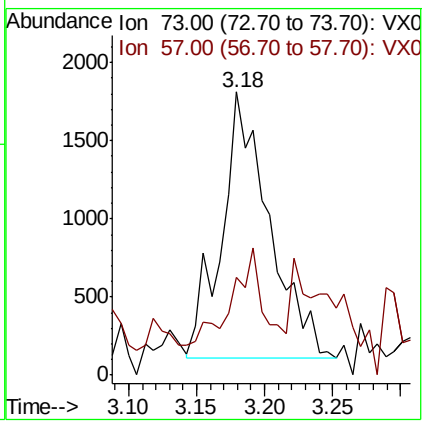


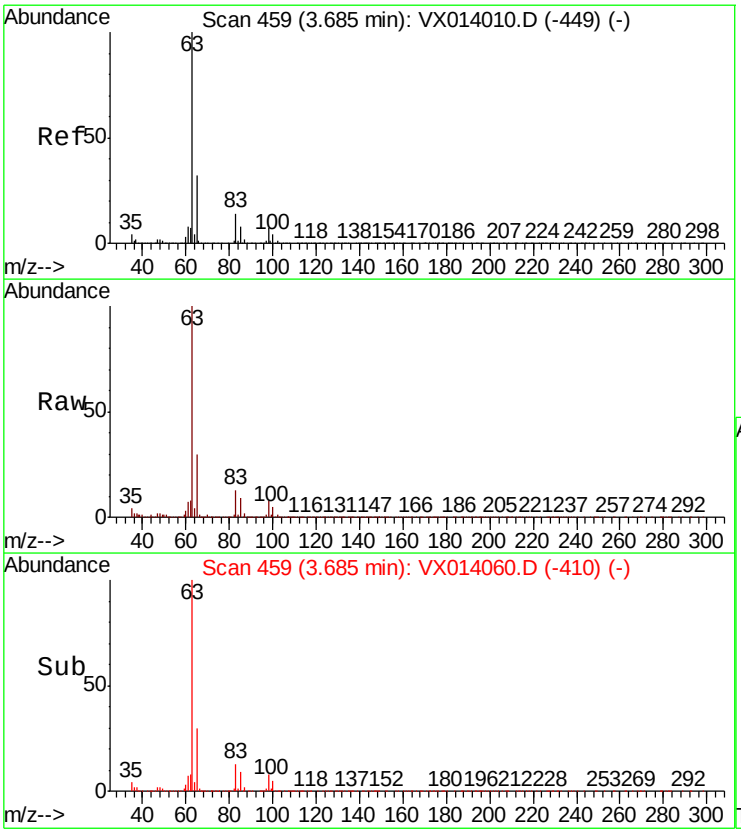
#19
Methyl tert-butyl Ether
Concen: 0.226 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 73 Resp: 4174

Ion	Ratio	Lower	Upper
73	100		
57	25.9	18.8	28.2

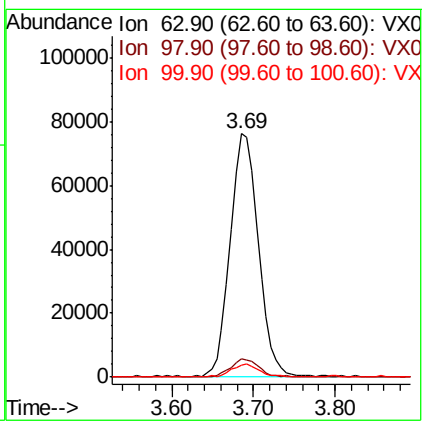


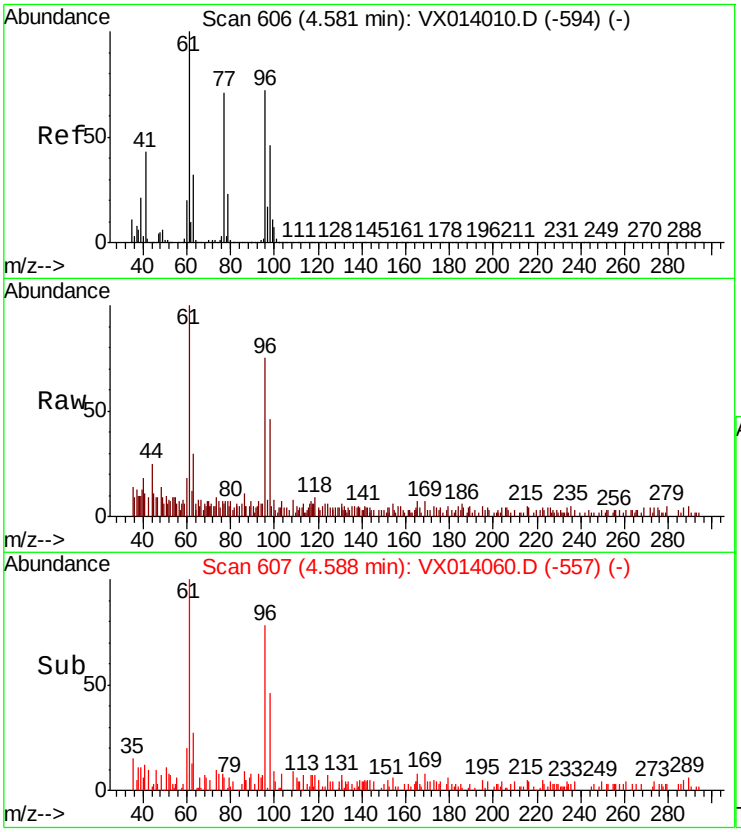


#24
1,1-Dichloroethane
Concen: 16.352 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion: 63 Resp: 181894

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	4.4	2.3	6.8



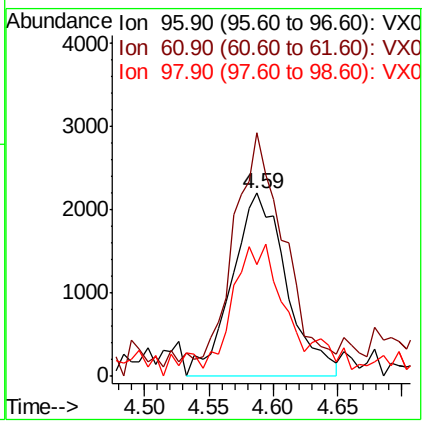


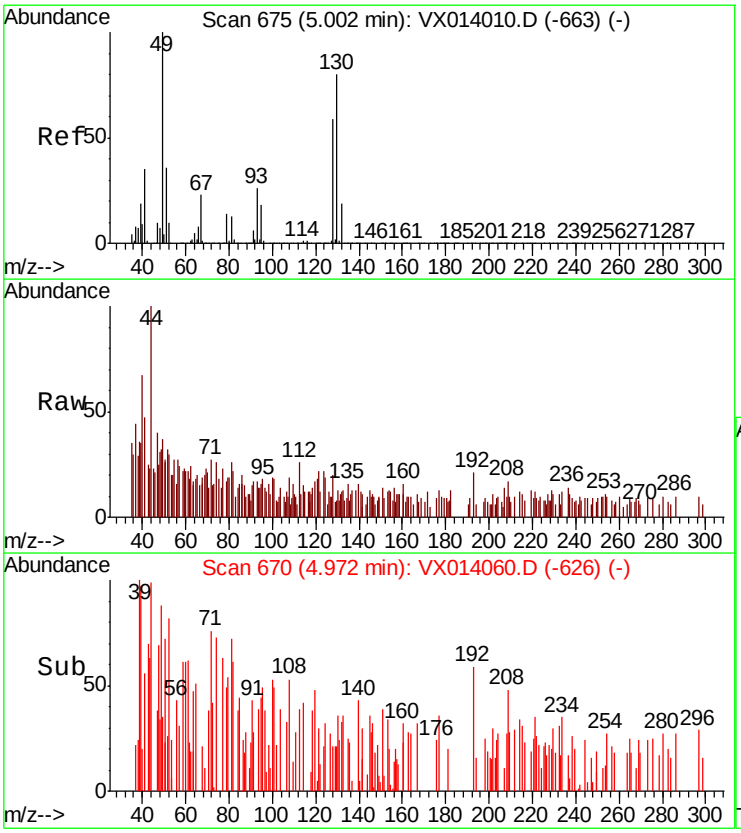
#27
cis-1,2-Dichloroethene
Concen: 0.921 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 96 Resp: 6449

Ion	Ratio	Lower	Upper
96	100		
61	107.0	0.0	288.4
98	58.5	0.0	129.6

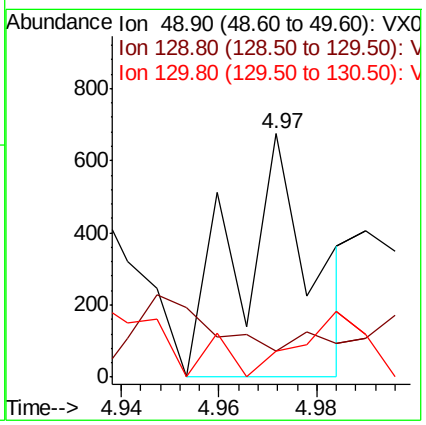


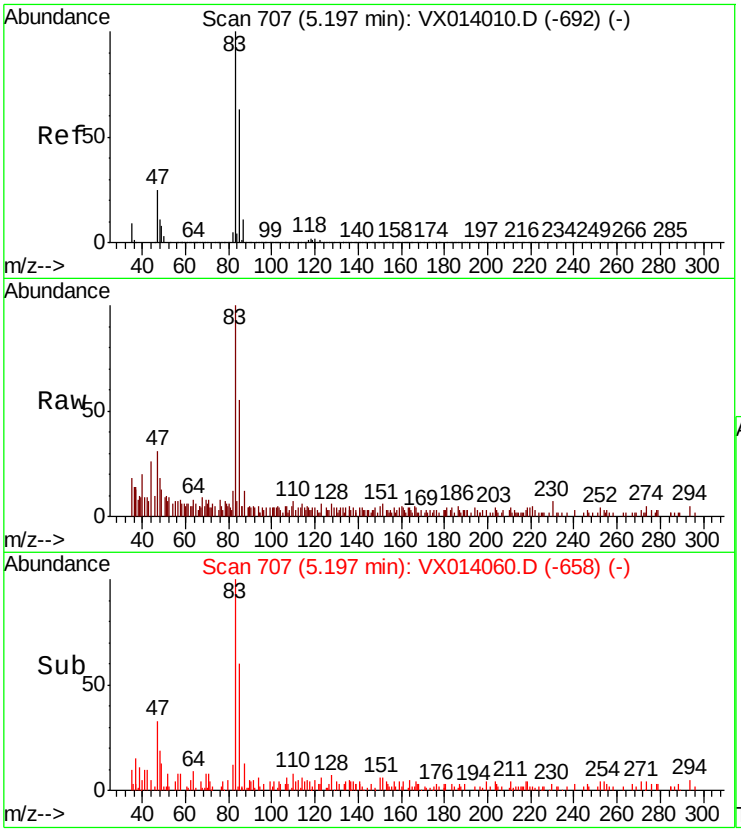


#28
Bromochloromethane
Concen: 0.616 ug/l
RT: 4.97 min Scan# 670
Delta R.T. -0.03 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion: 49 Resp: 700

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	24.3	64.6	97.0#



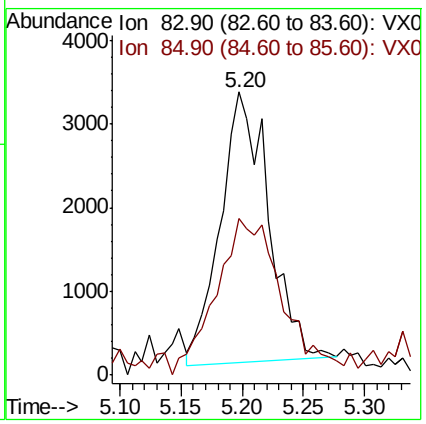


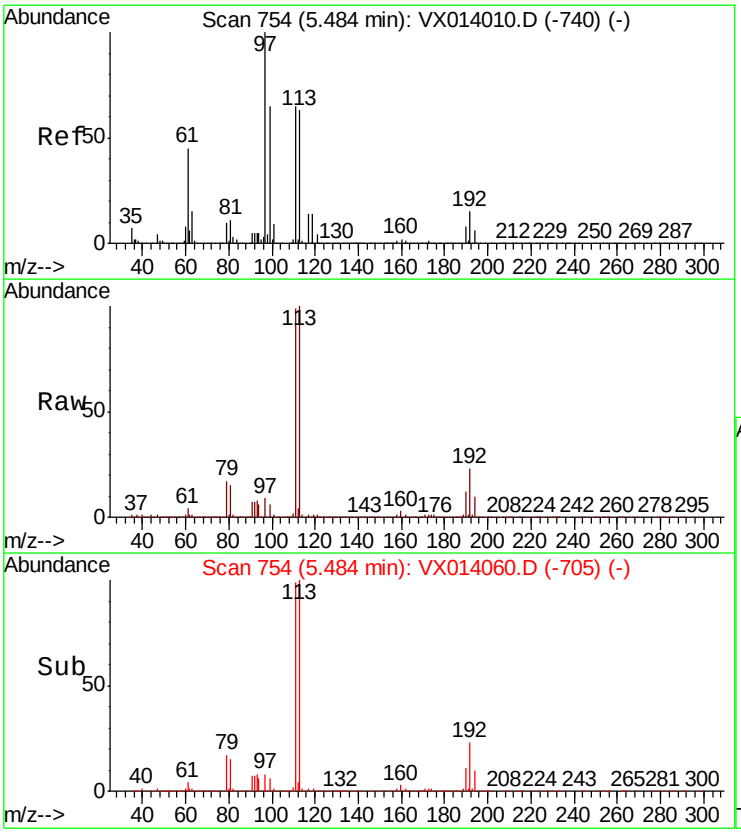
#30
Chloroform
Concen: 0.843 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 83 Resp: 8885

Ion	Ratio	Lower	Upper
83	100		
85	53.9	50.8	76.2

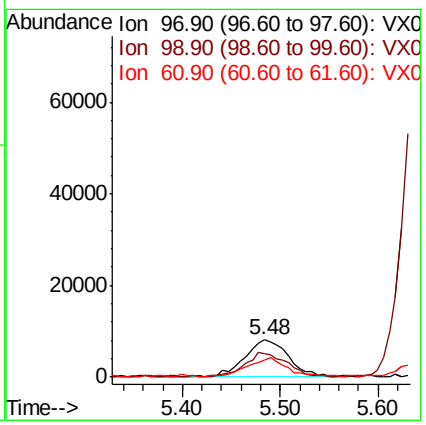


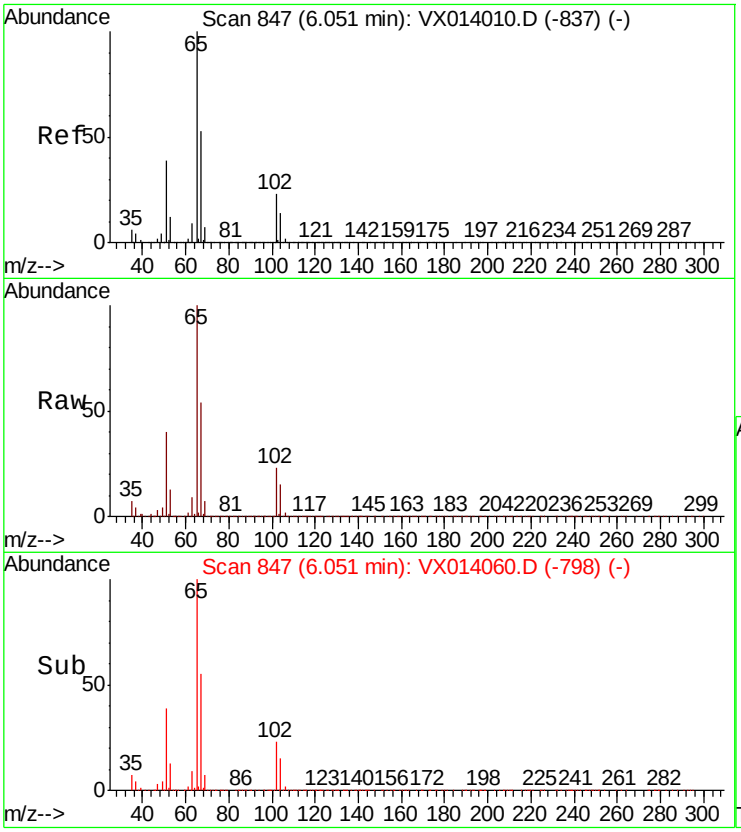


#32
1,1,1-Trichloroethane
Concen: 2.829 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion: 97 Resp: 25427

Ion	Ratio	Lower	Upper
97	100		
99	59.0	52.0	78.0
61	46.5	36.7	55.1



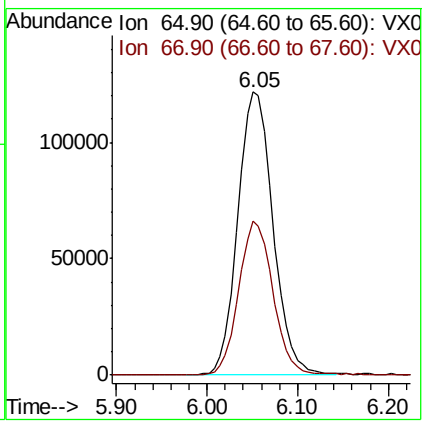


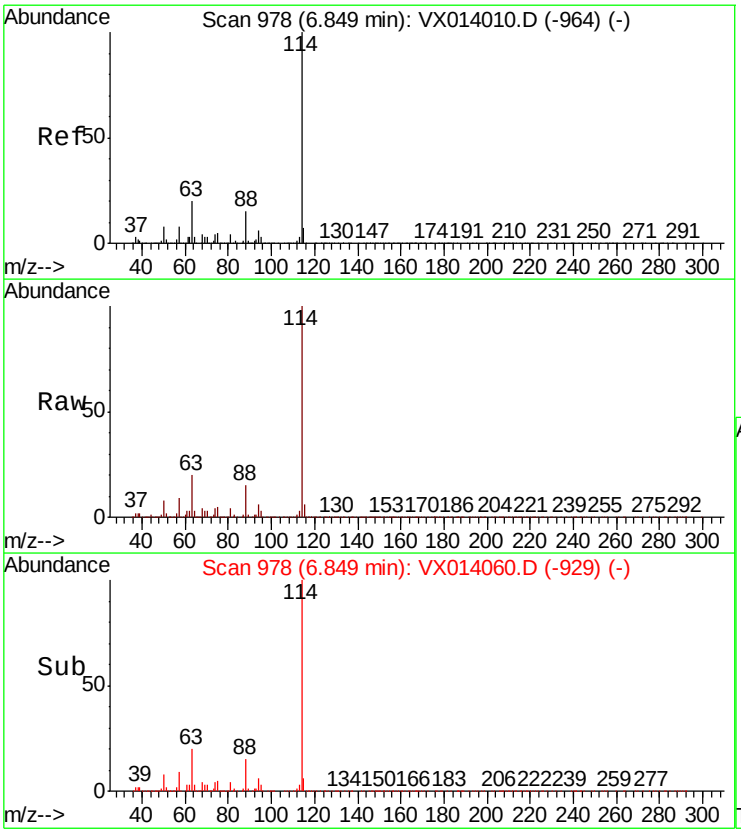
#33
1,2-Dichloroethane-d4
Concen: 49.256 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 65 Resp: 326120

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.4

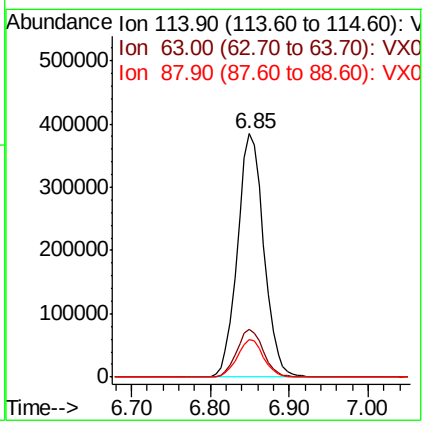


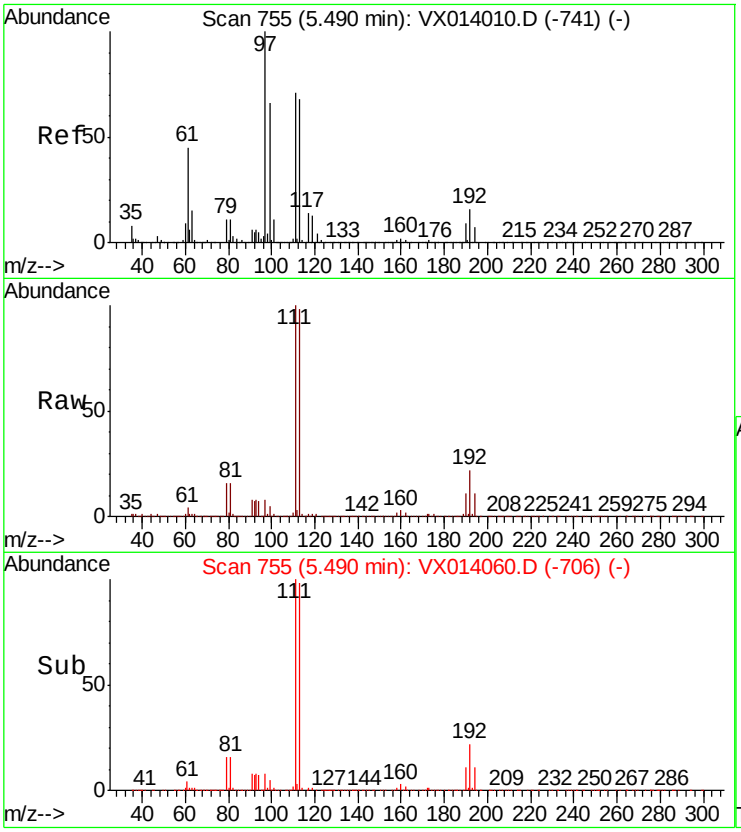


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion:114 Resp: 894774

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	15.4	0.0	30.4



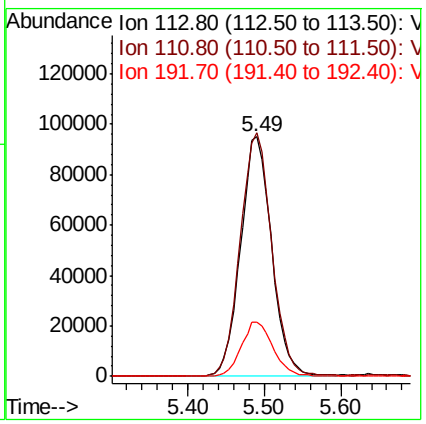


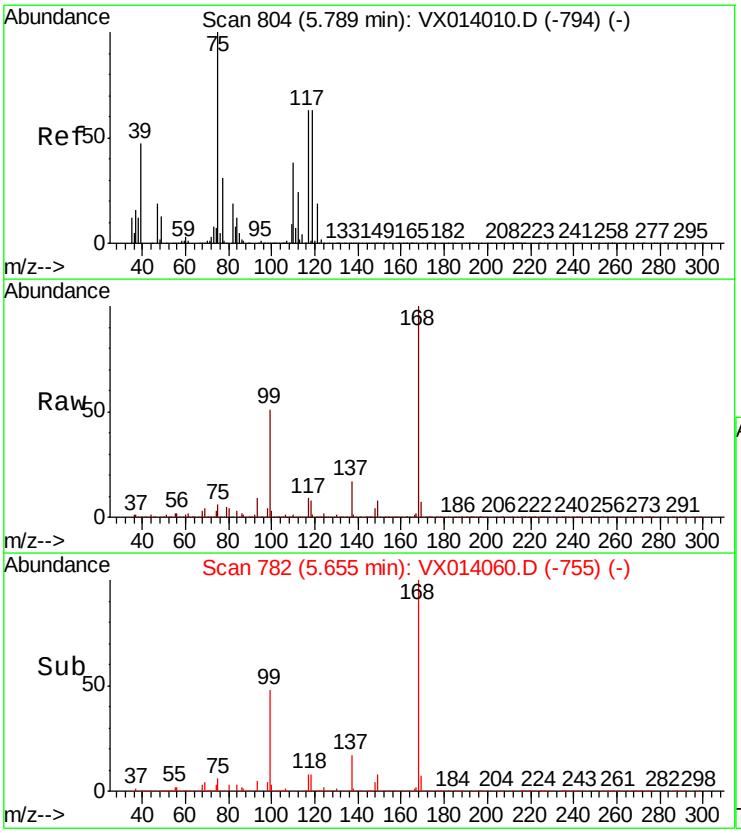
#35
Dibromofluoromethane
Concen: 49.188 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion:113 Resp: 267543

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.4	19.3	28.9

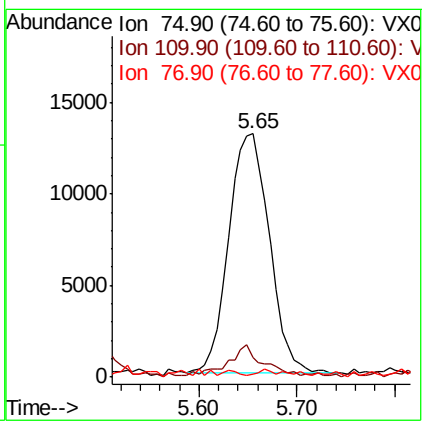


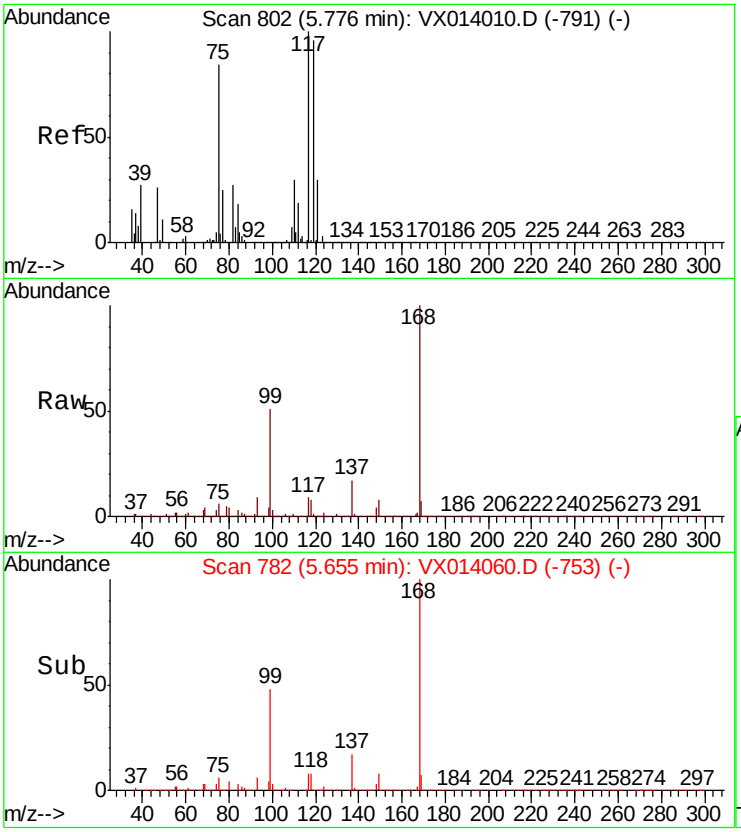


#36
1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion: 75 Resp: 37655

Ion	Ratio	Lower	Upper
75	100		
110	11.7	18.3	54.9#
77	0.7	24.8	37.2#



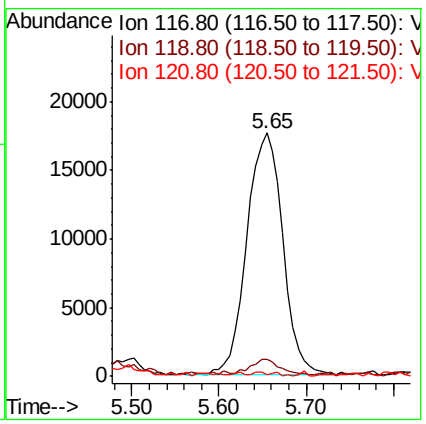


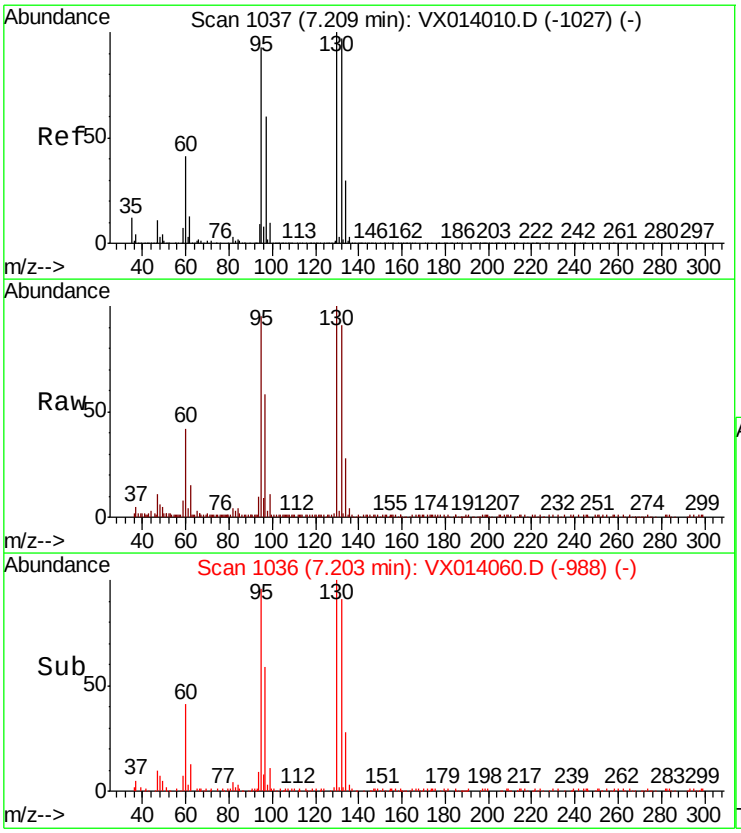
#38
Carbon Tetrachloride
Concen: 6.792 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion:117 Resp: 50797

Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.2	114.4#
121	0.1	23.6	35.4#

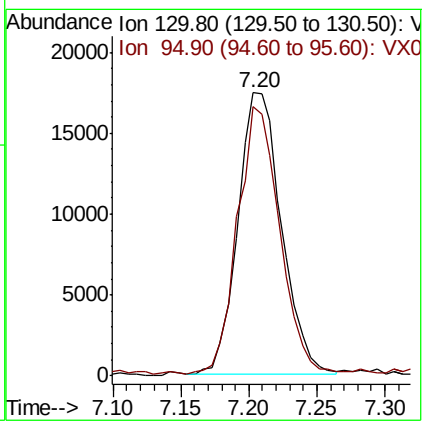


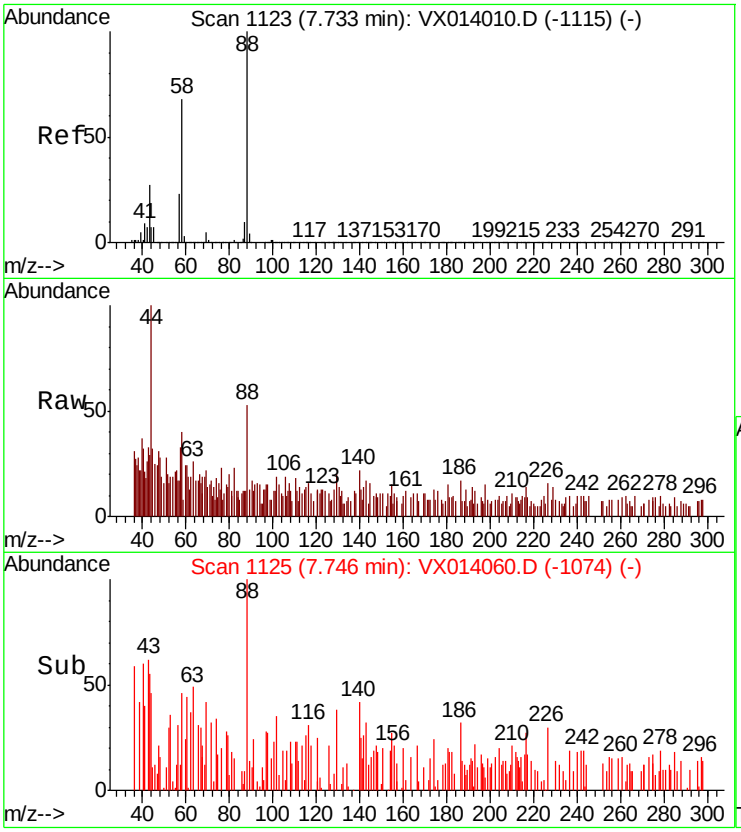


#44
Trichloroethene
Concen: 5.573 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion:130 Resp: 38883

Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	185.6



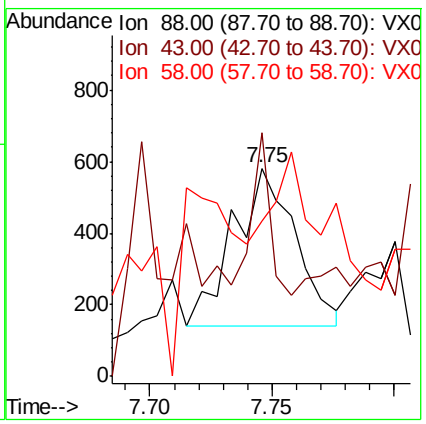


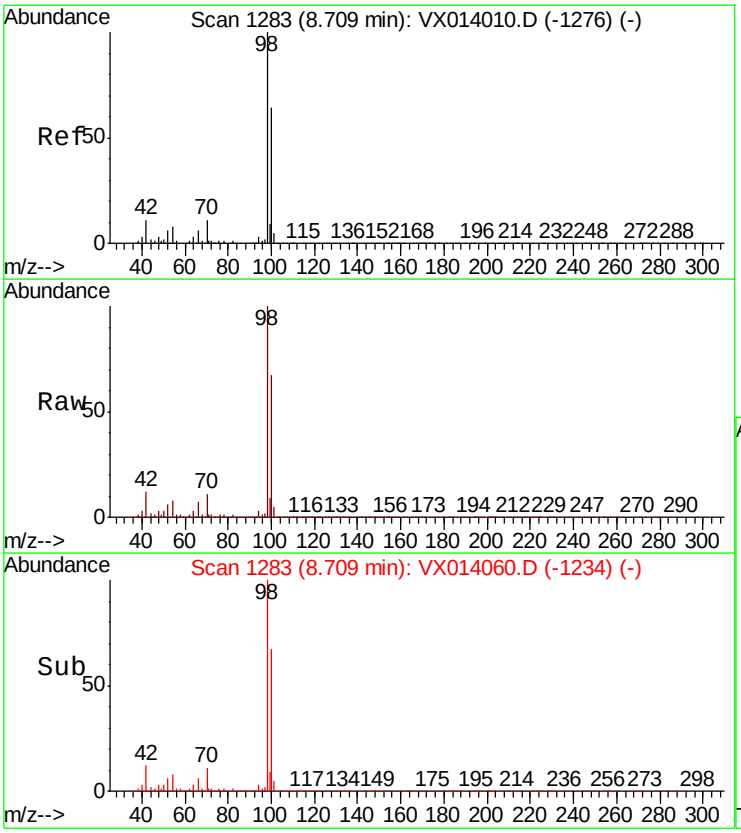
#49
1,4-Dioxane
Concen: 5.217 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 88 Resp: 780

Ion	Ratio	Lower	Upper
88	100		
43	29.6	26.5	39.7
58	140.4	56.8	85.2#

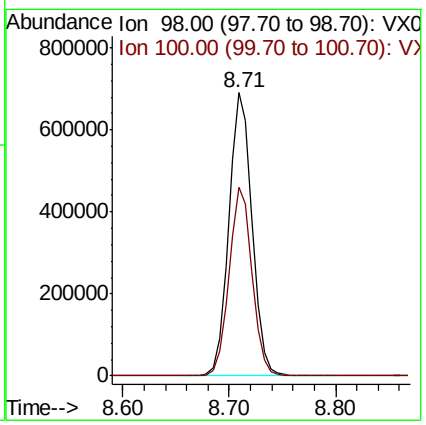


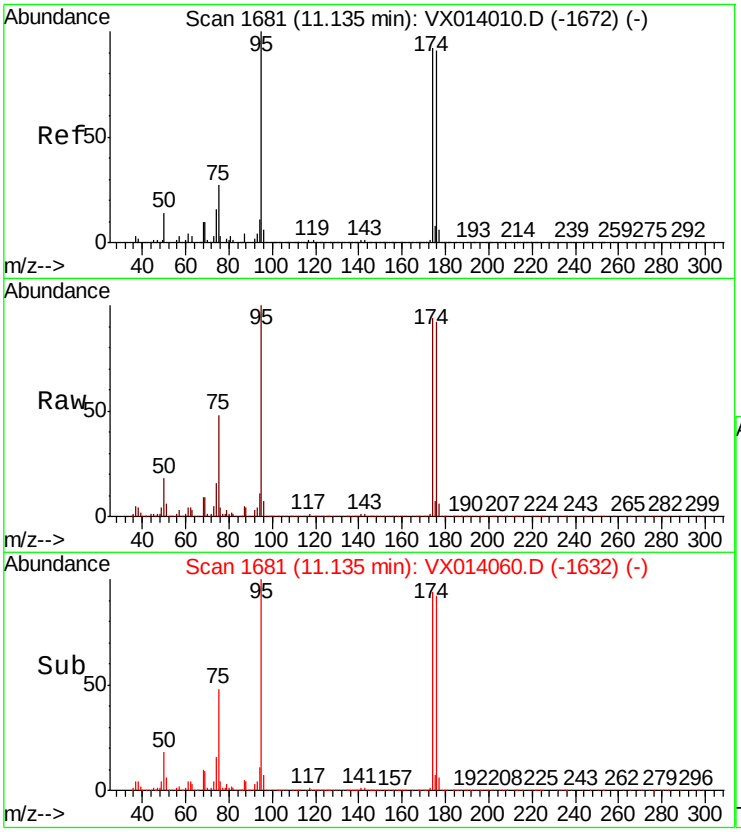


#50
Toluene-d8
Concen: 49.661 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion: 98 Resp: 1051634

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3



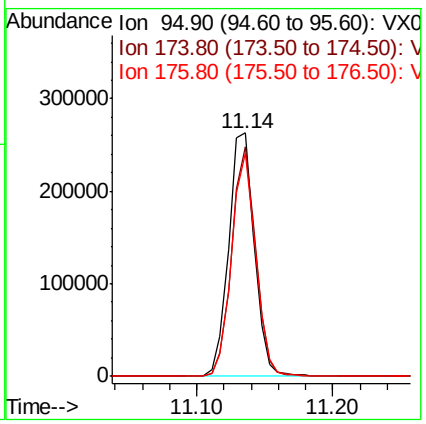


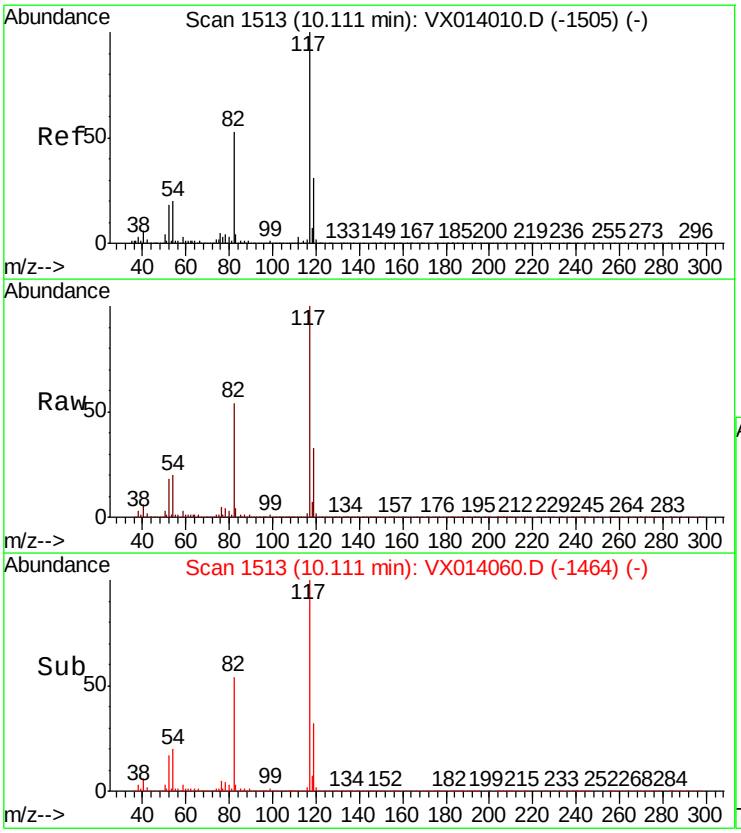
#62
4-Bromofluorobenzene
Concen: 44.479 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 95 Resp: 344309

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	175.8
176	86.6	0.0	173.0

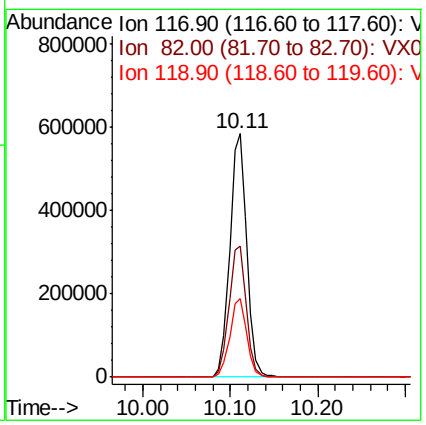


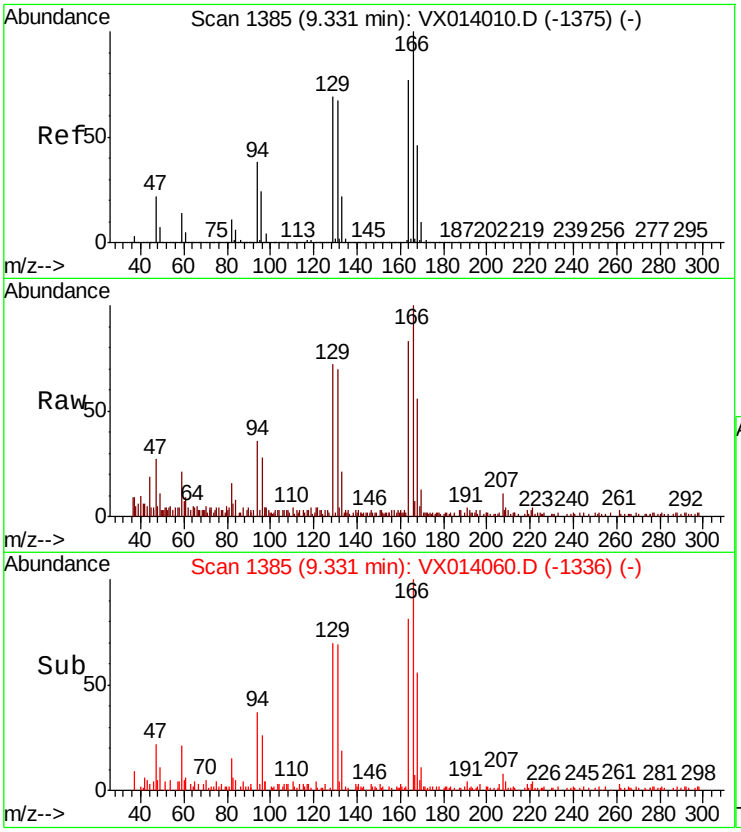


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion:117 Resp: 790574

Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.2	63.4
119	32.5	25.1	37.7



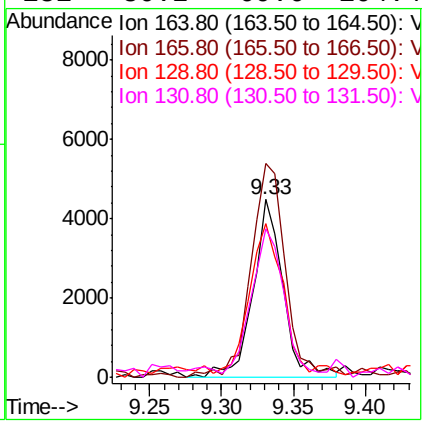


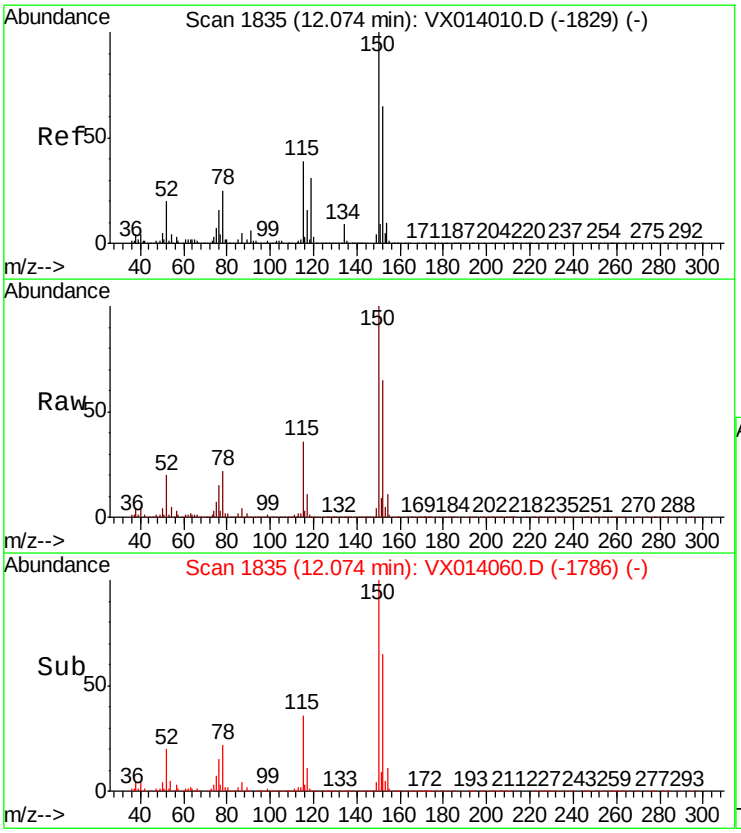
#64
Tetrachloroethene
Concen: 0.918 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion:164 Resp: 6424

Ion	Ratio	Lower	Upper
164	100		
166	120.4	104.0	156.0
129	84.3	72.2	108.4
131	80.2	69.6	104.4

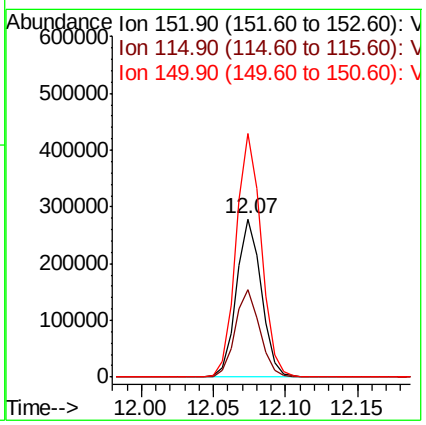


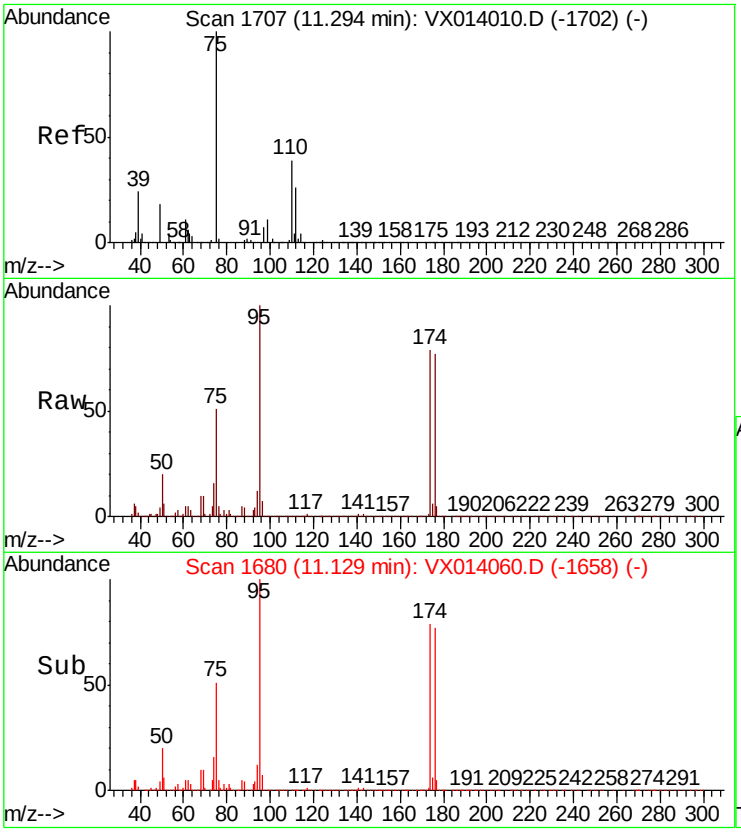


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion:152 Resp: 335196

Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.3	114.9
150	156.1	0.0	345.4



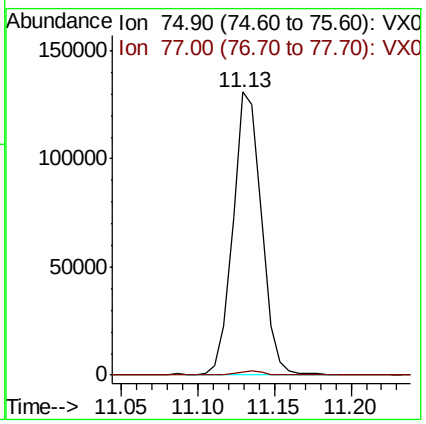


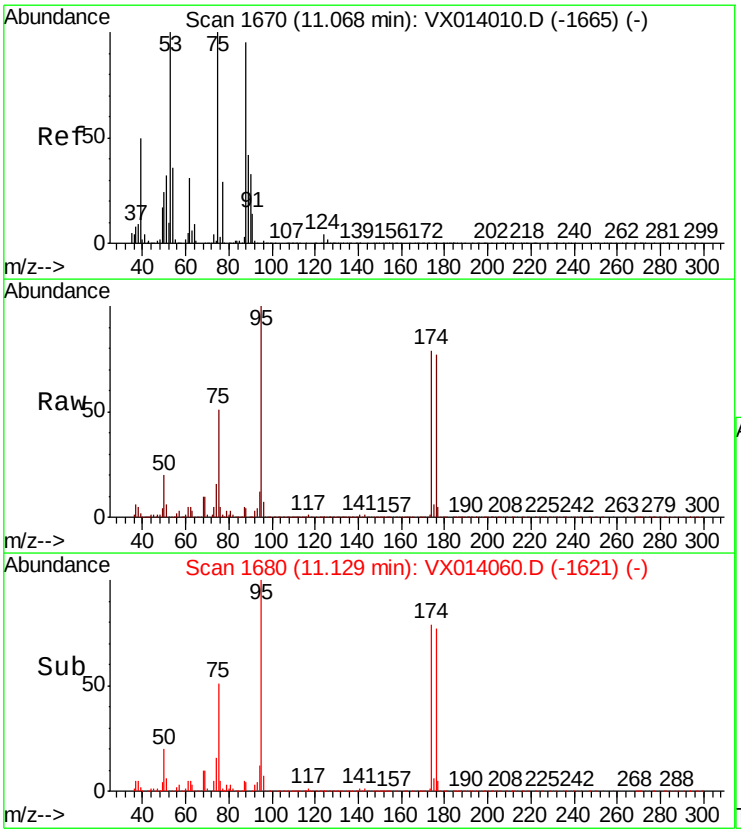
#76
1,2,3-Trichloropropane
Concen: 23.136 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 75 Resp: 168359

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.3	57.8#

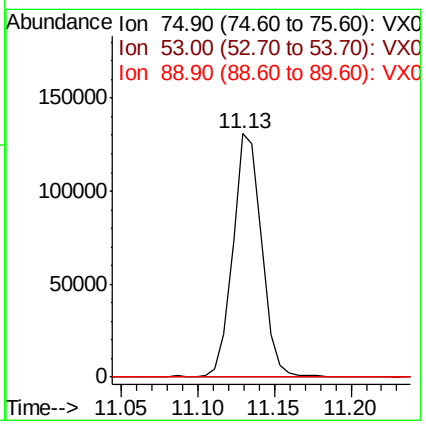


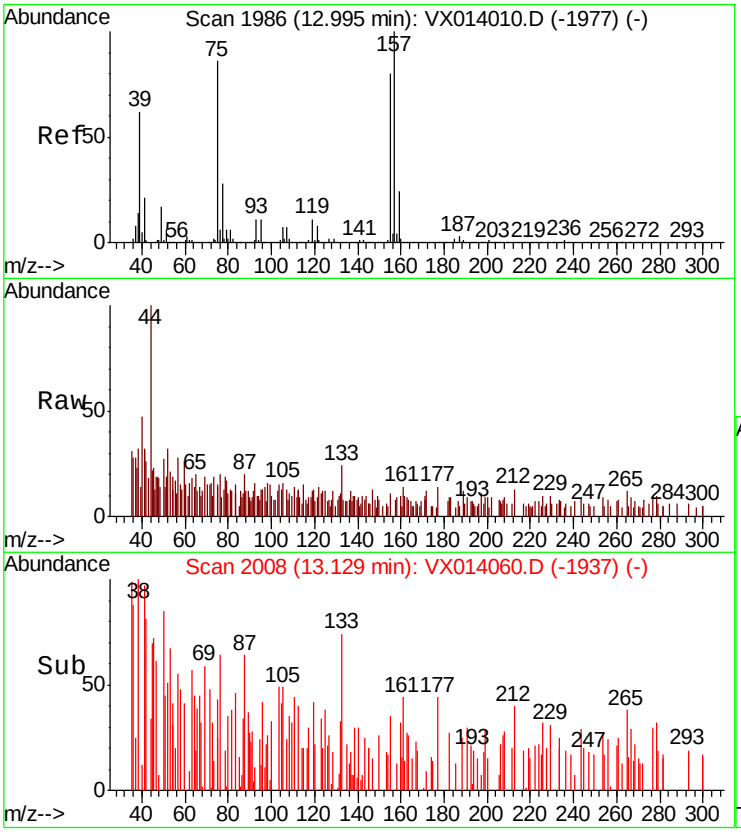


#81
trans-1,4-Dichloro-2-butene
Concen: 65.301 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion: 75 Resp: 168359

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.1	34.6	51.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.203 ug/l
RT: 13.13 min Scan# 2008
Delta R.T. 0.13 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

Tgt Ion: 75 Resp: 368

Ion	Ratio	Lower	Upper
75	100		
155	57.9	46.9	140.6
157	123.4	60.8	182.4