Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014158.D
Acq On : 20 Dec 2019 07:12
Operator : JC/SP
Sample : K6372-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Dec 20 07:36:26 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	572781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	879746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	803288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	379194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	317355	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.78%			
35) Dibromofluoromethane	5.49	113	260847	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.56%			
50) Toluene-d8	8.71	98	1042115	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.10%			
62) 4-Bromofluorobenzene	11.13	95	365747	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.12%			
Target Compounds						Qvalue
6) Chloroethane	1.78	64	1925	0.430	ug/l #	79
10) Methyl Iodide	2.48	142	154	2.641	ug/l #	1
11) Tert butyl alcohol	3.03	59	1827	1.302	ug/l #	7
13) Acrolein	2.31	56	256	0.319	ug/l #	78
16) Acetone	2.44	43	6844	1.624	ug/l	95
17) Carbon Disulfide	2.56	76	1155	0.825	ug/l #	20
18) Methyl Acetate	2.59	43	20173	2.416	ug/l #	53
19) Methyl tert-butyl Ether	3.18	73	7270	0.402	ug/l	99
28) Bromochloromethane	5.01	49	1080	0.709	ug/l #	24
36) 1,1-Dichloropropene	5.65	75	37954	4.702	ug/l #	50
38) Carbon Tetrachloride	5.66	117	50948	6.928	ug/l #	16
49) 1,4-Dioxane	7.73	88	201	1.367	ug/l #	1
64) Tetrachloroethene	9.33	164	4468	0.629	ug/l	95
67) Ethyl Benzene	10.25	91	5943	0.202	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	178562	21.691	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.45	105	4852	0.216	ug/l	80
81) trans-1,4-Dichloro-2-buten	11.13	75	178562	61.222	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.81	105	22661	1.007	ug/l	99
95) Naphthalene	13.83	128	294874	11.915	ug/l	100

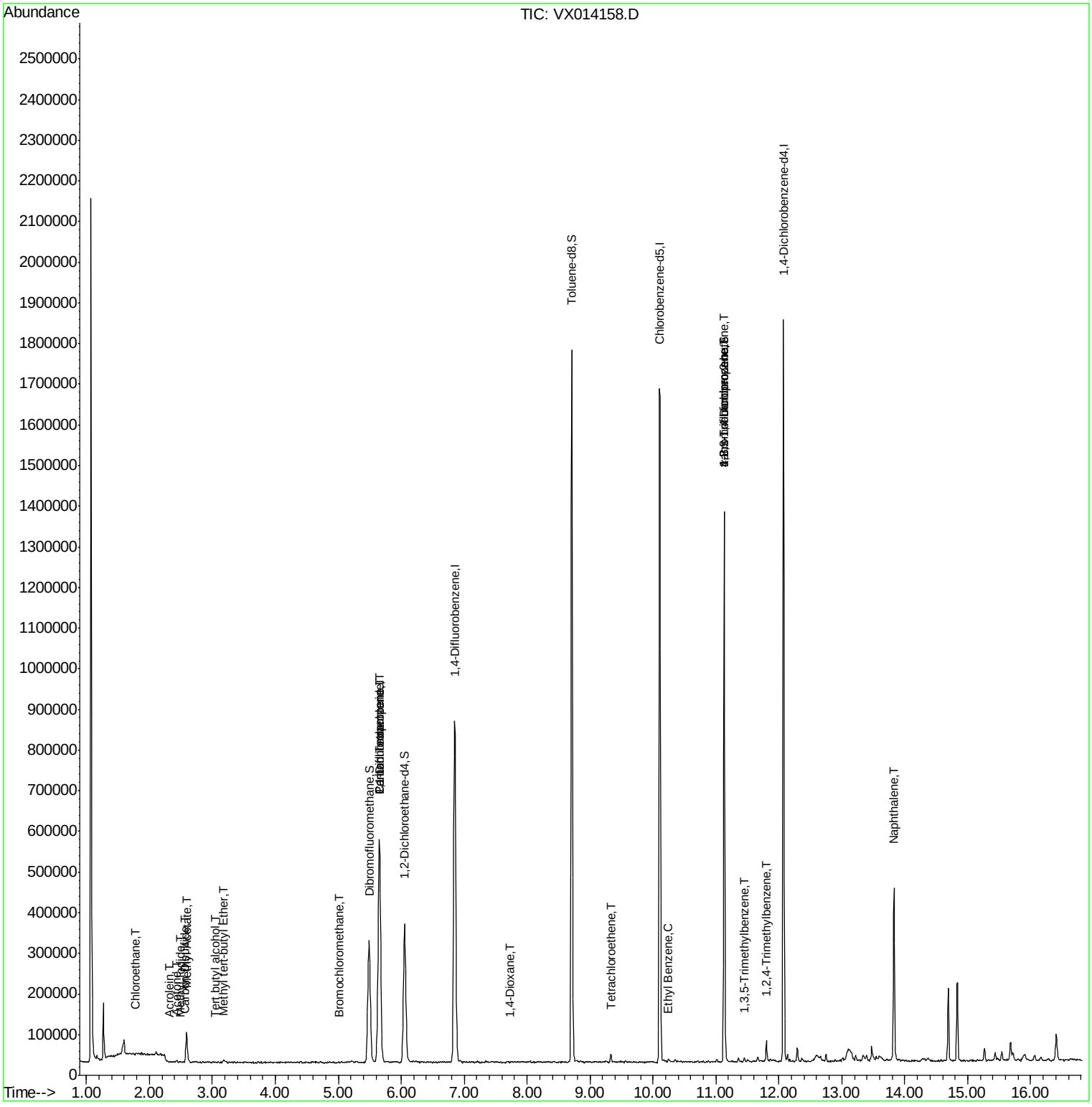
(#) = qualifier out of range (m) = manual integration (+) = signals summed

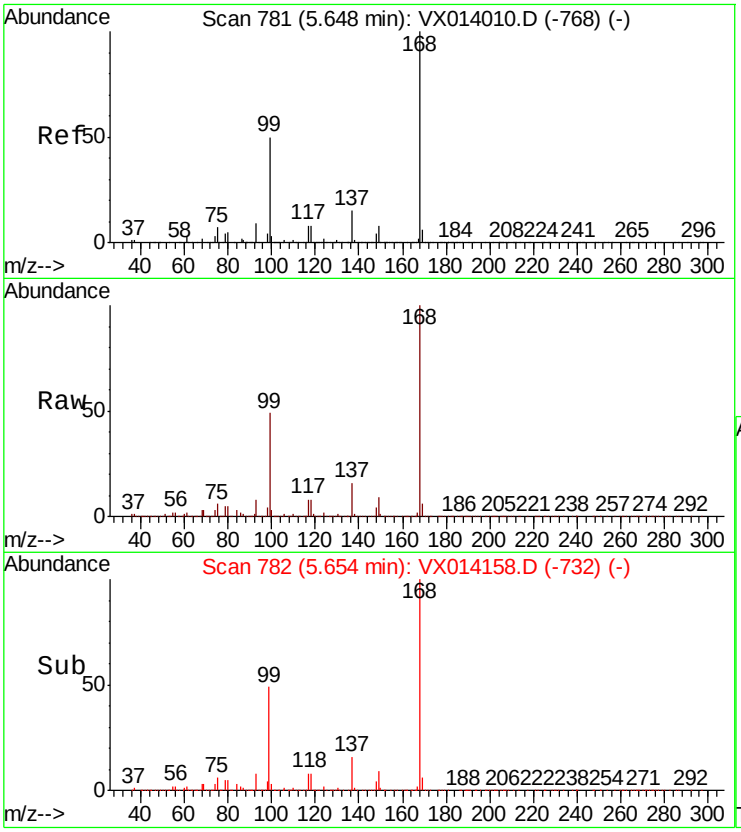
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014158.D
Acq On : 20 Dec 2019 07:12
Operator : JC/SP
Sample : K6372-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 20 07:36:26 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



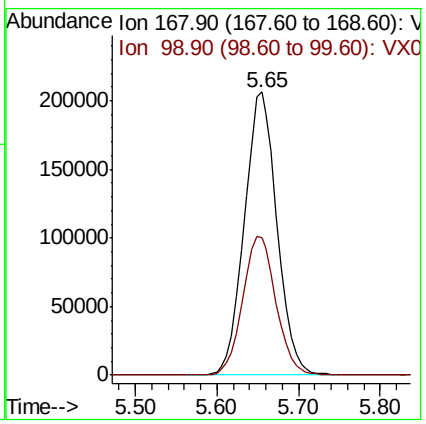


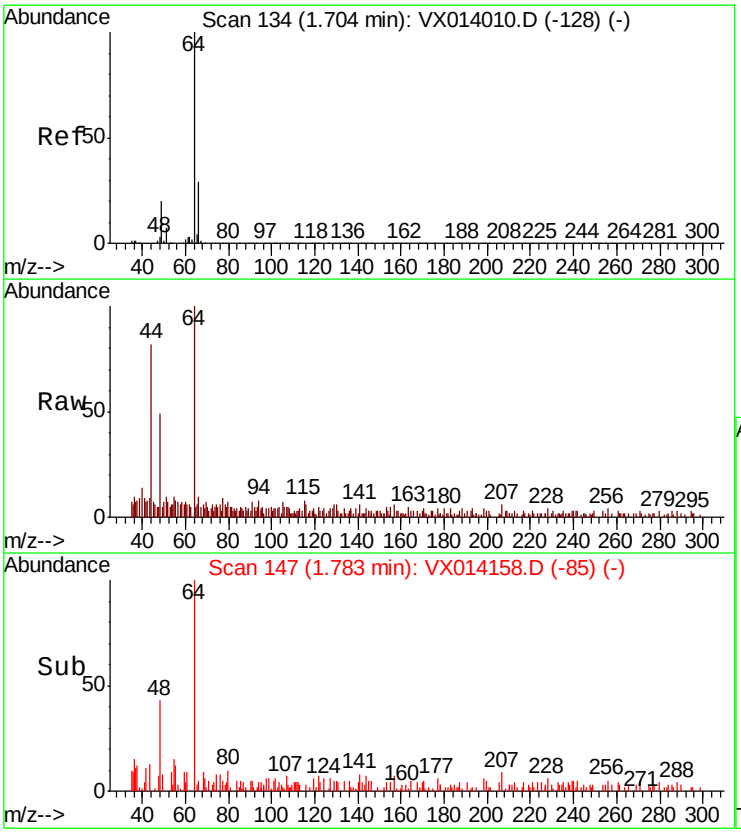
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 572781

Ion	Ratio	Lower	Upper
168	100		
99	48.5	40.3	60.5

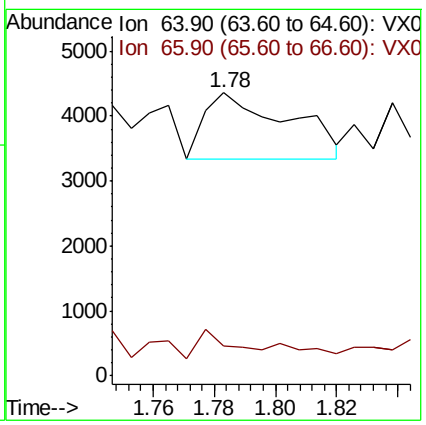


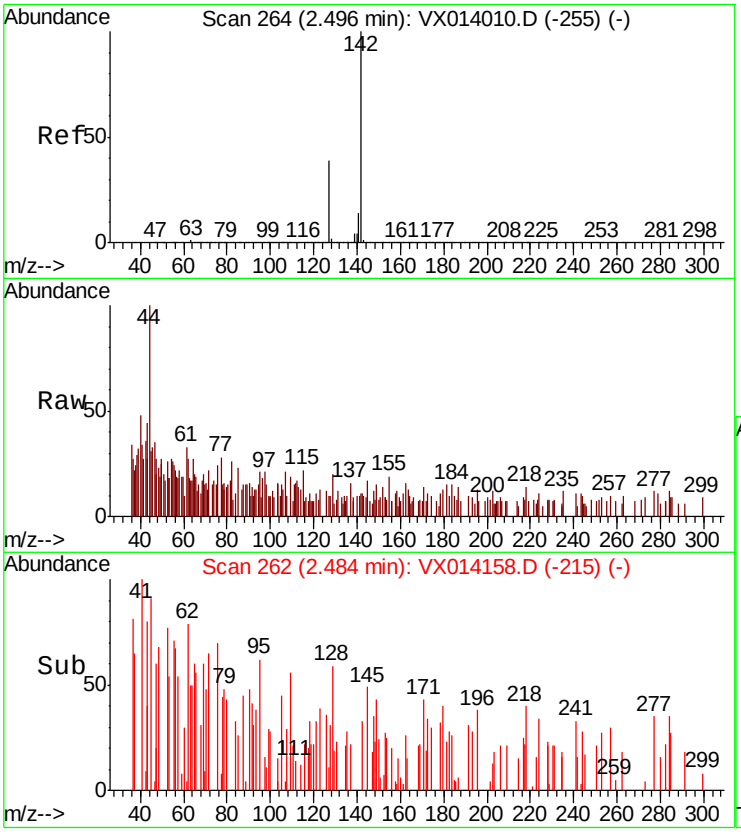


#6
Chloroethane
Concen: 0.430 ug/l
RT: 1.78 min Scan# 147
Delta R.T. 0.08 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion: 64 Resp: 1925

Ion	Ratio	Lower	Upper
64	100		
66	18.2	23.4	35.2#



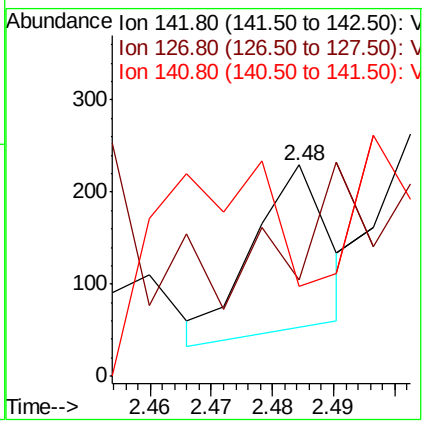


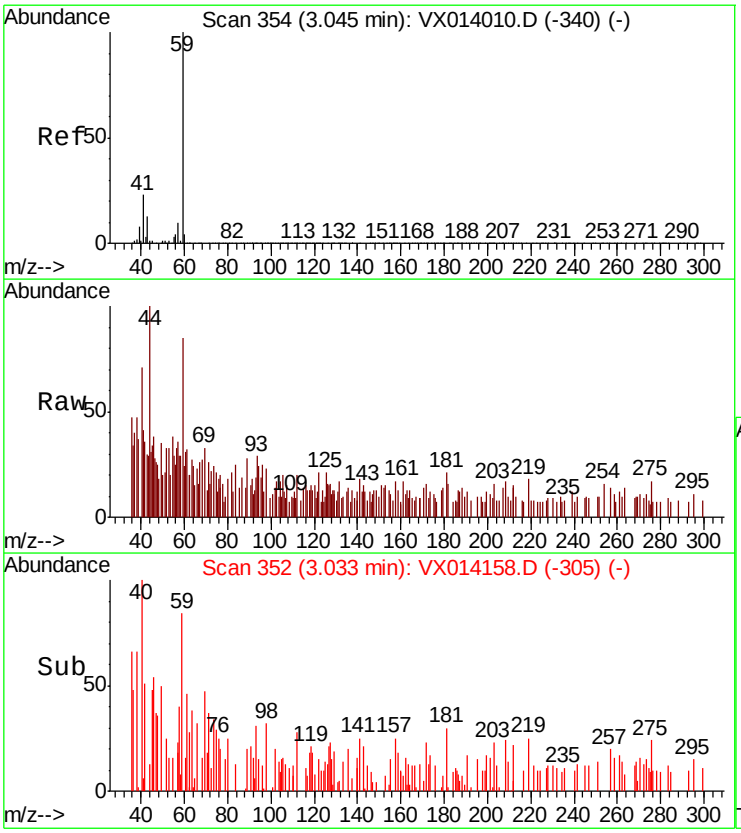
#10
Methyl Iodide
Concen: 2.641 ug/l
RT: 2.48 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 154

Ion	Ratio	Lower	Upper
142	100		
127	155.8	31.6	47.4#
141	134.4	11.6	17.4#

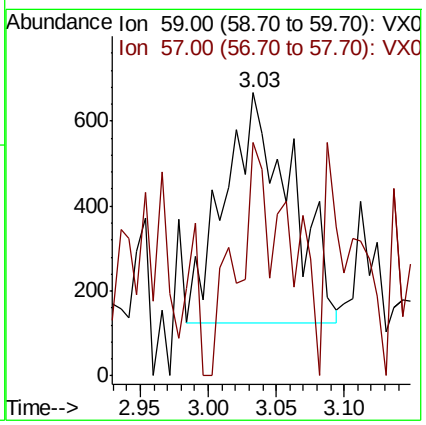


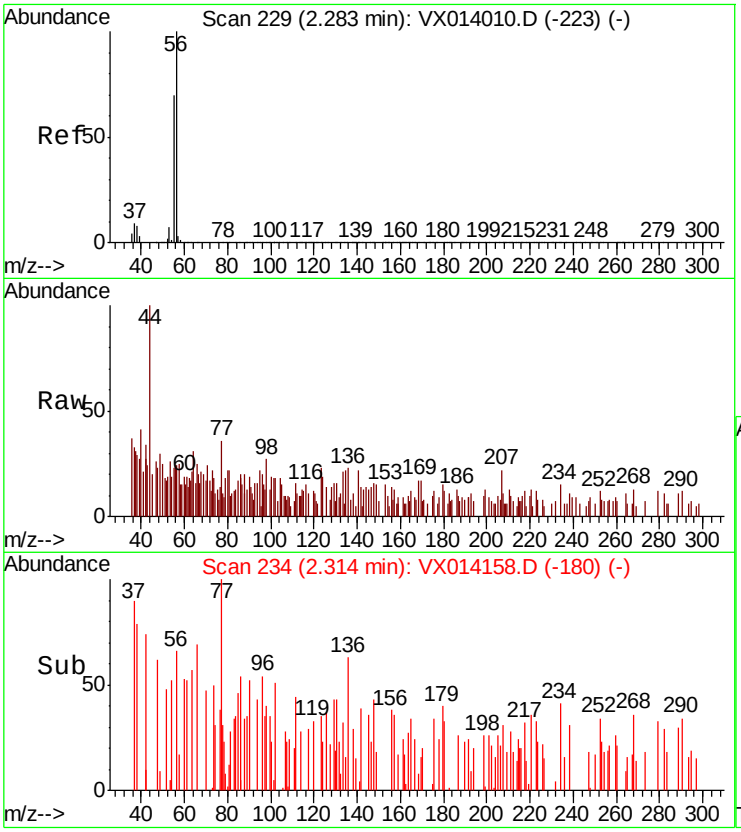


#11
Tert butyl alcohol
Concen: 1.302 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion: 59 Resp: 1827

Ion	Ratio	Lower	Upper
59	100		
57	45.5	8.4	12.6#



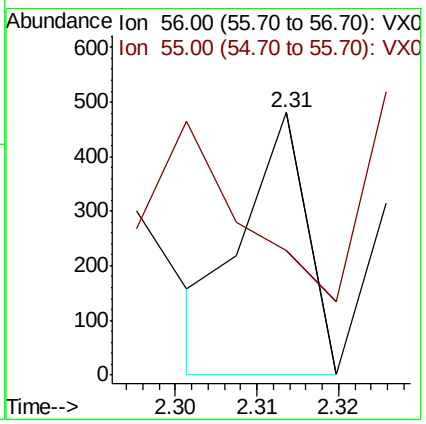


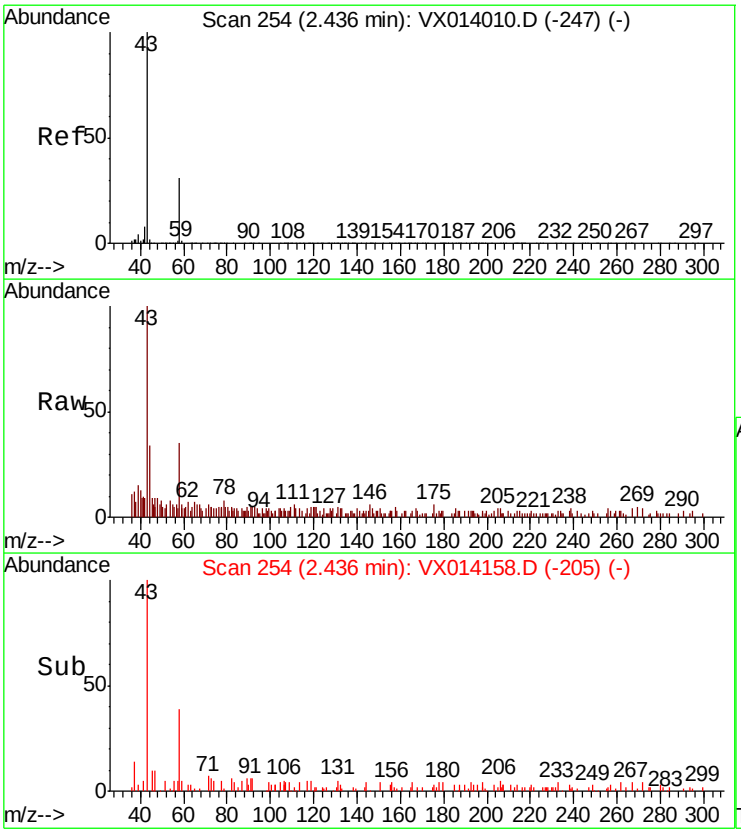
#13
Acrolein
Concen: 0.319 ug/l
RT: 2.31 min Scan# 234
Delta R.T. 0.03 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 256

Ion	Ratio	Lower	Upper
56	100		
55	89.5	56.9	85.3#

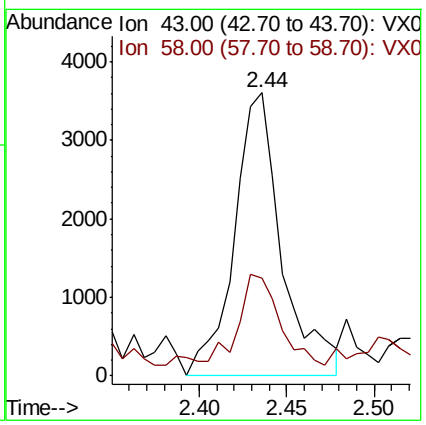


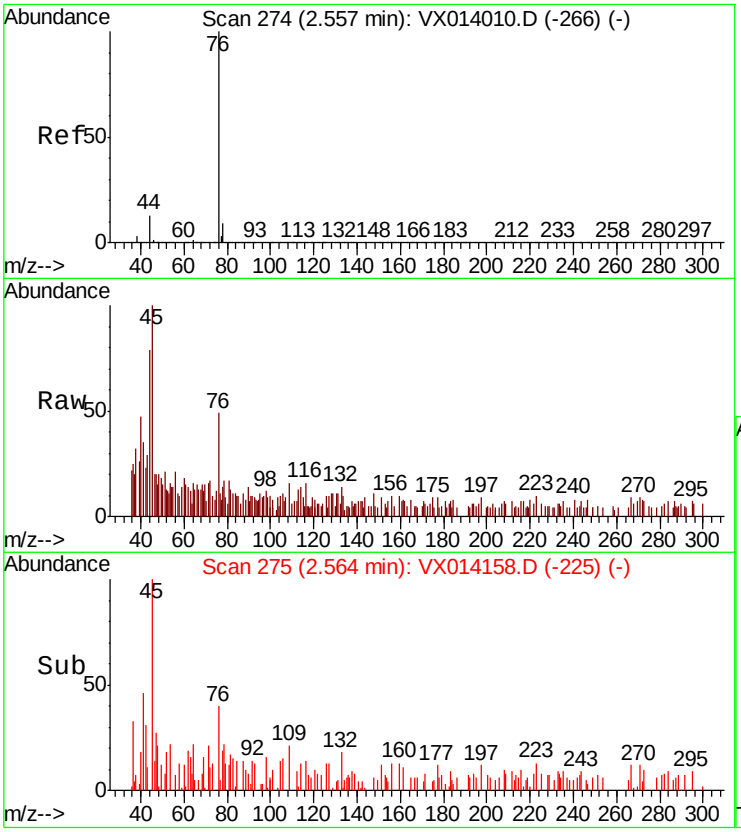


#16
Acetone
Concen: 1.624 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion: 43 Resp: 6844

Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.9	37.3



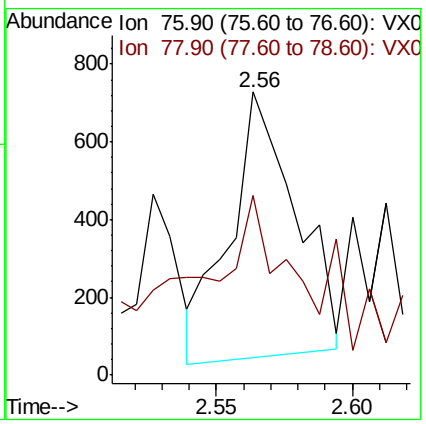


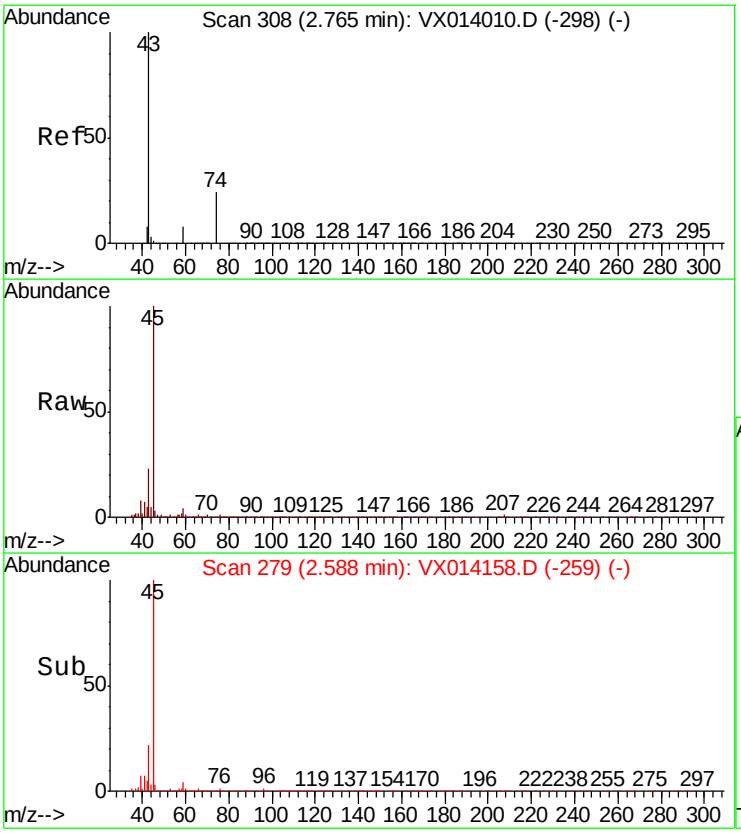
#17
Carbon Disulfide
Concen: 0.825 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1155

Ion	Ratio	Lower	Upper
76	100		
78	37.7	7.2	10.8#

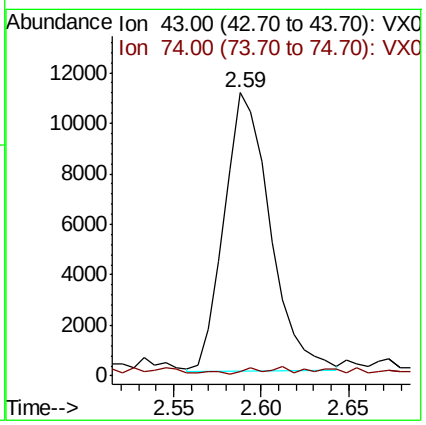


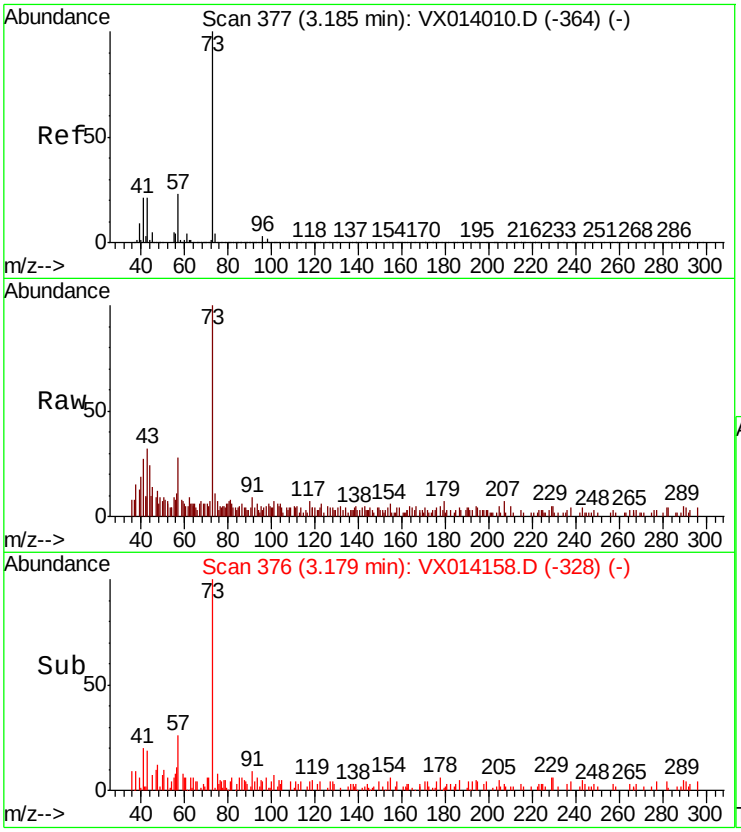


#18
Methyl Acetate
Concen: 2.416 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.18 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion: 43 Resp: 20173

Ion	Ratio	Lower	Upper
43	100		
74	0.9	19.5	29.3#



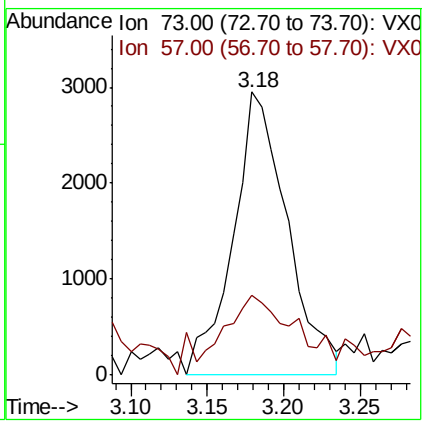


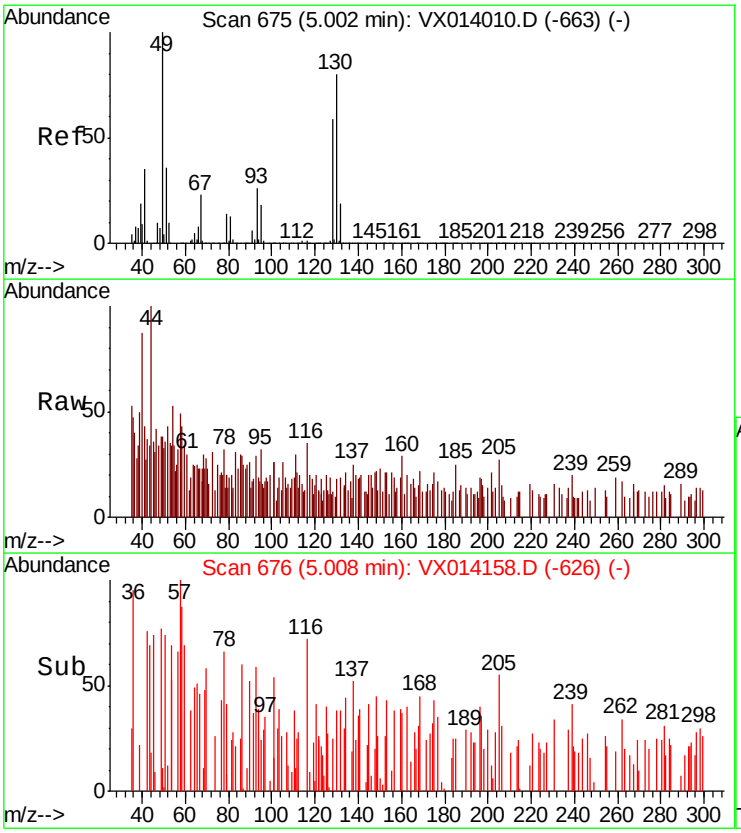
#19
Methyl tert-butyl Ether
Concen: 0.402 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 7270

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.8	28.2

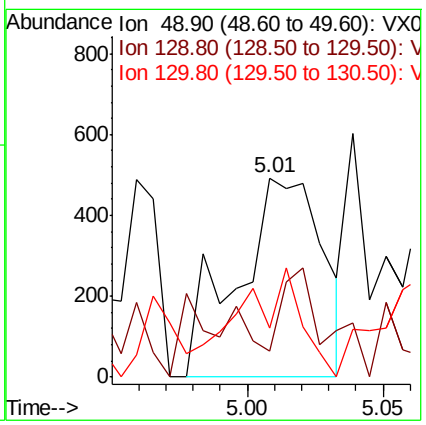


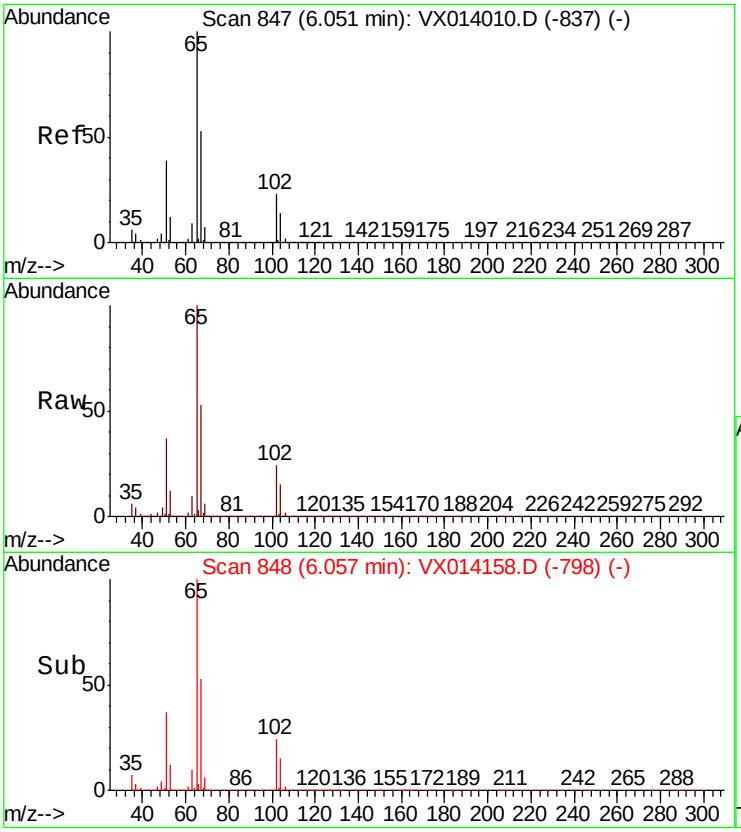


#28
Bromochloromethane
Concen: 0.709 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion: 49 Resp: 1080

Ion	Ratio	Lower	Upper
49	100		
129	28.2	0.0	5.0#
130	13.5	64.6	97.0#



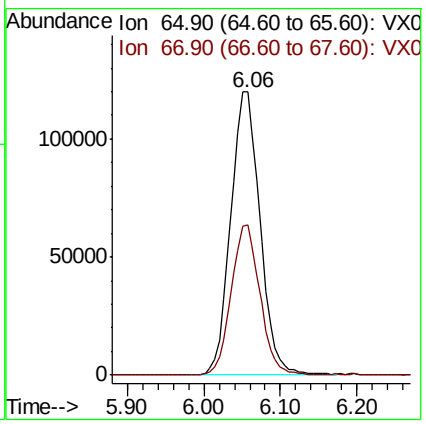


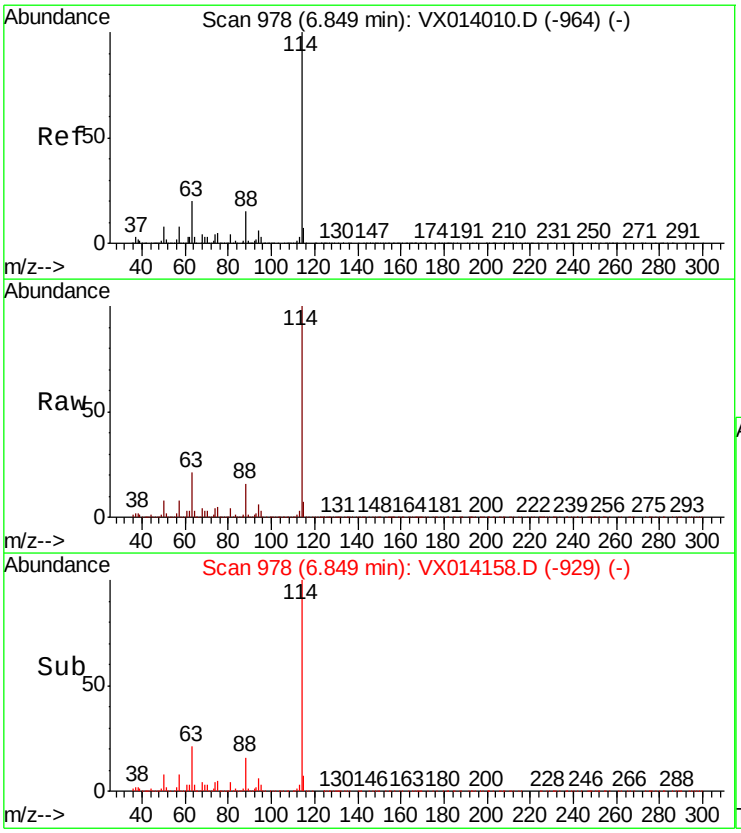
#33
1,2-Dichloroethane-d4
Concen: 48.886 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 317355

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.4

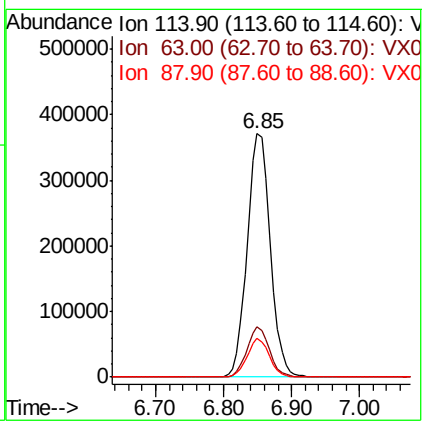


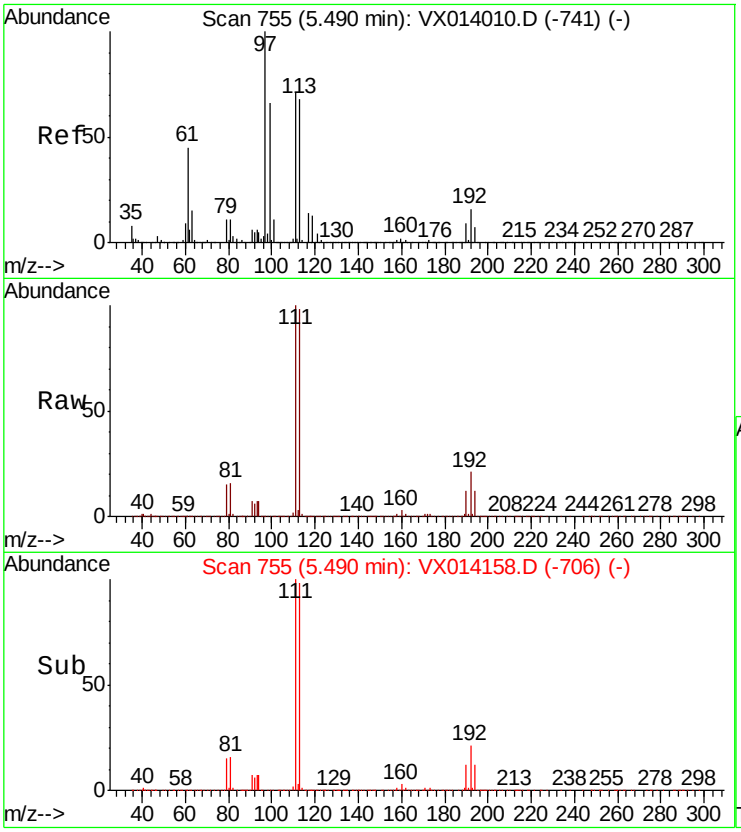


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion:114 Resp: 879746

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.1	0.0	30.4



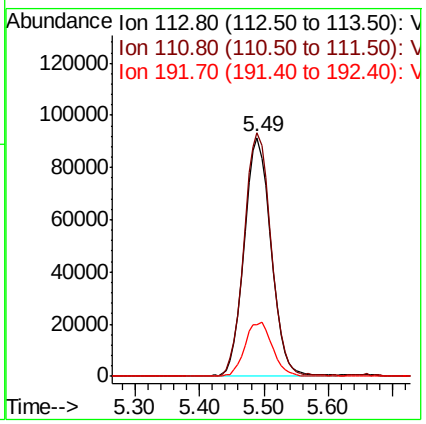


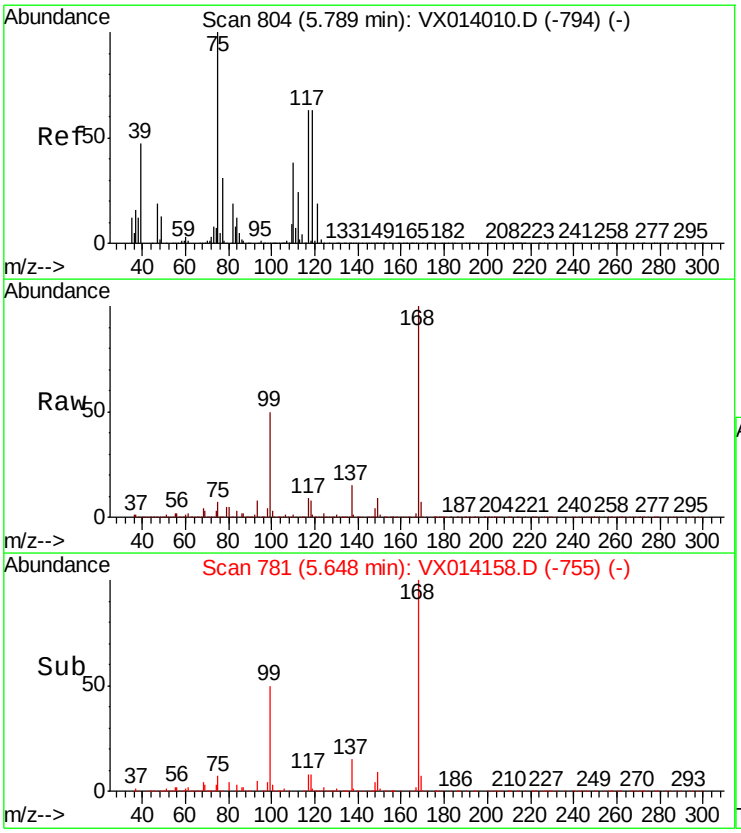
#35
Dibromofluoromethane
Concen: 48.776 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 260847

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.2	19.3	28.9

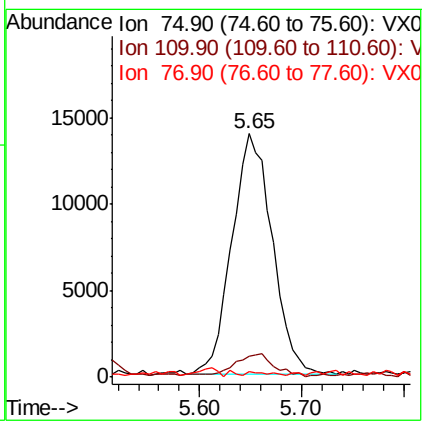


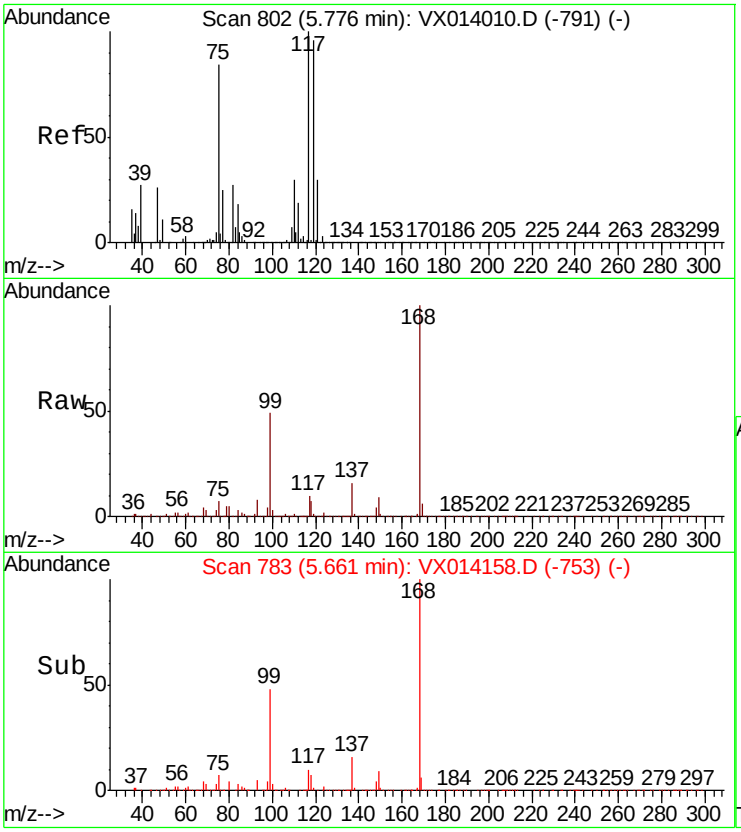


#36
1,1-Dichloropropene
Concen: 4.702 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion: 75 Resp: 37954

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.3	54.9#
77	0.8	24.8	37.2#



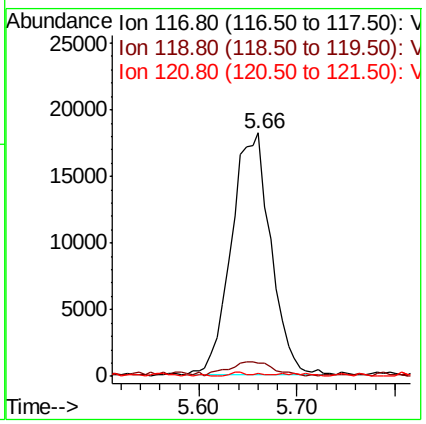


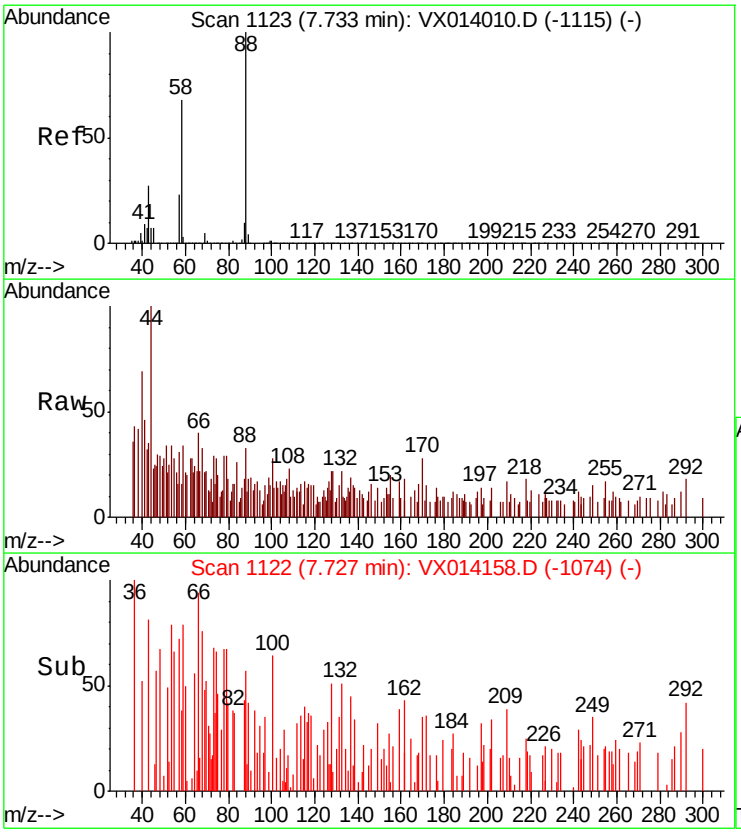
#38
Carbon Tetrachloride
Concen: 6.928 ug/l
RT: 5.66 min Scan# 783
Delta R.T. -0.12 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 50948

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.2	114.4#
121	0.7	23.6	35.4#

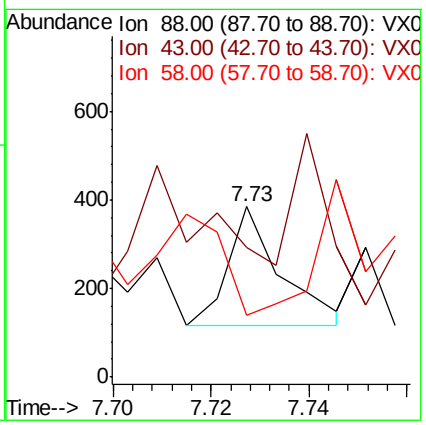


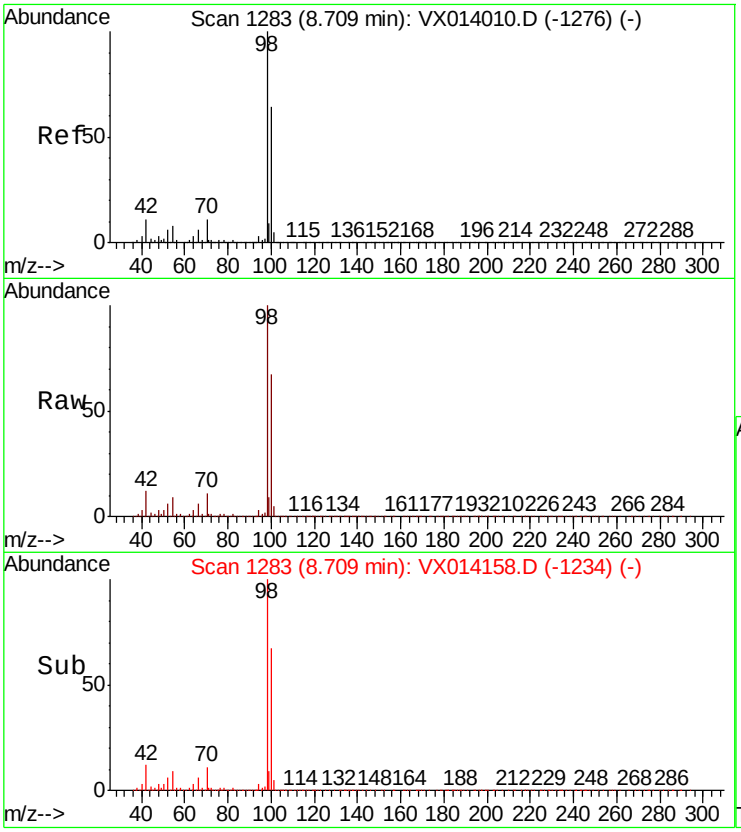


#49
1,4-Dioxane
Concen: 1.367 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion: 88 Resp: 201

Ion	Ratio	Lower	Upper
88	100		
43	94.5	26.5	39.7#
58	217.9	56.8	85.2#



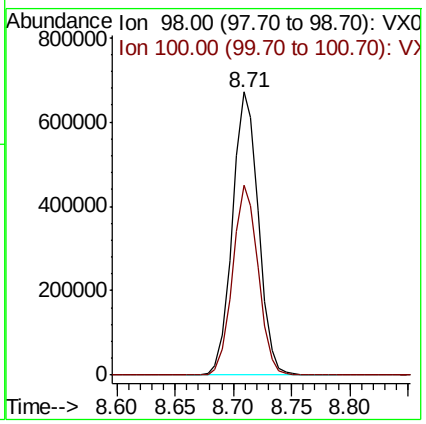


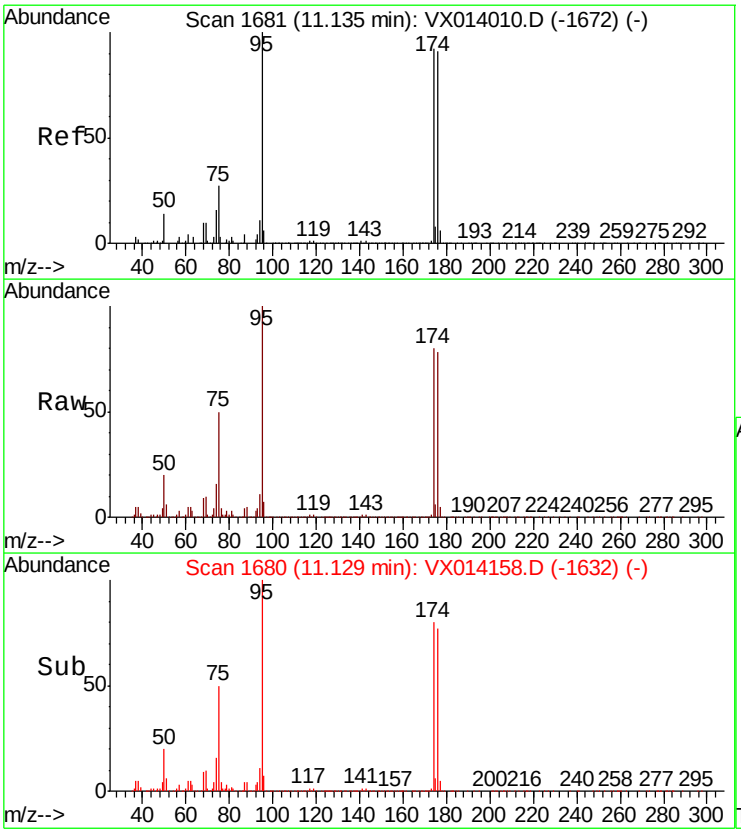
#50
Toluene-d8
Concen: 50.052 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 1042115

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3

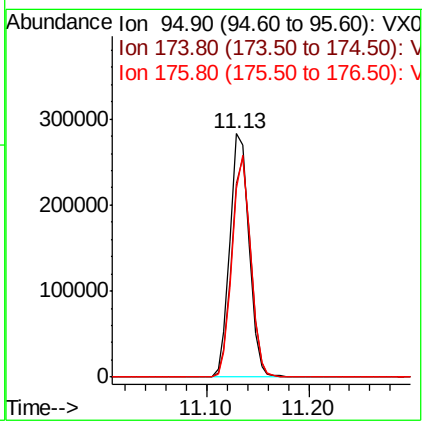


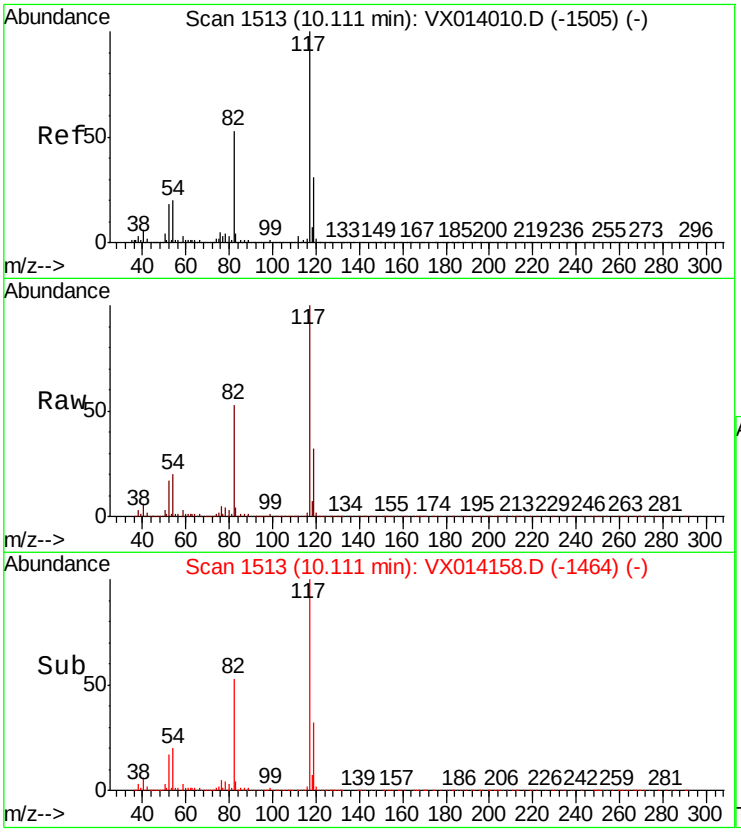


#62
4-Bromofluorobenzene
Concen: 48.056 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion: 95 Resp: 365747

Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	175.8
176	87.7	0.0	173.0



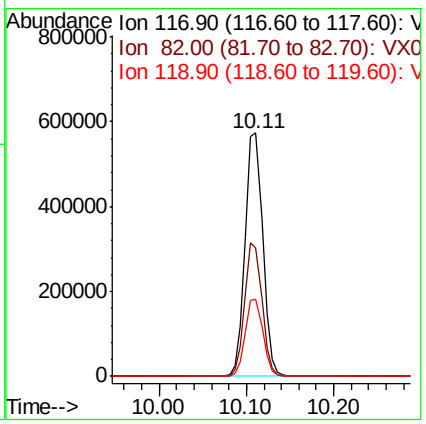


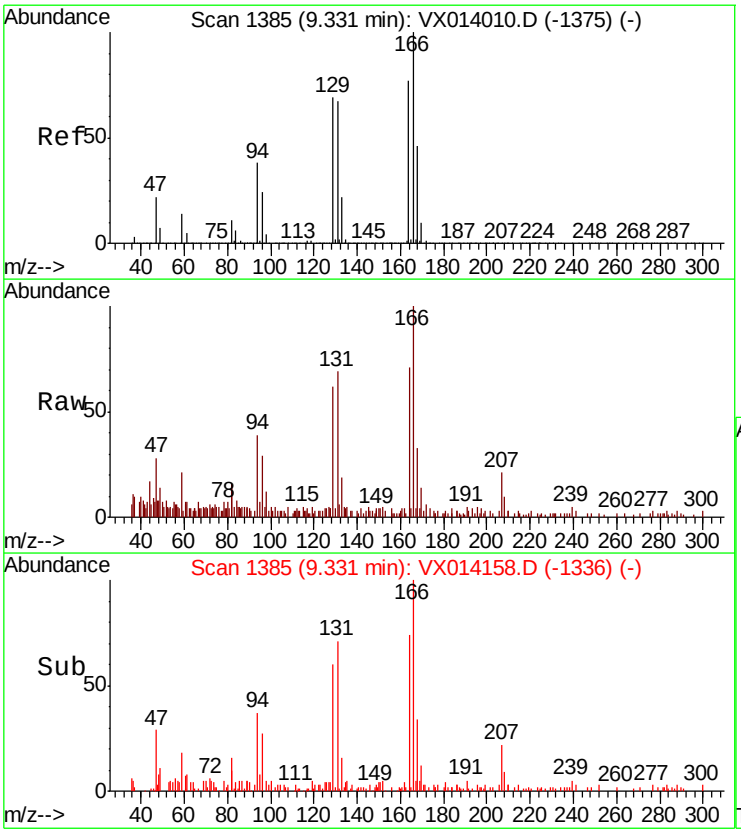
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 803288

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.2	63.4
119	31.9	25.1	37.7

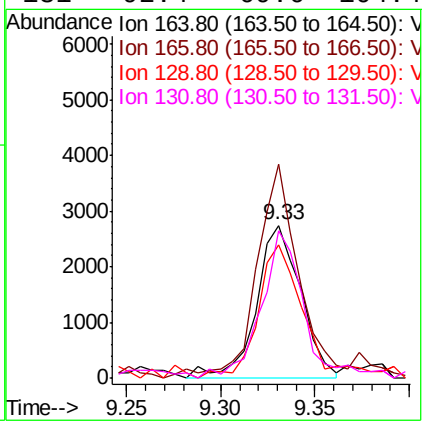


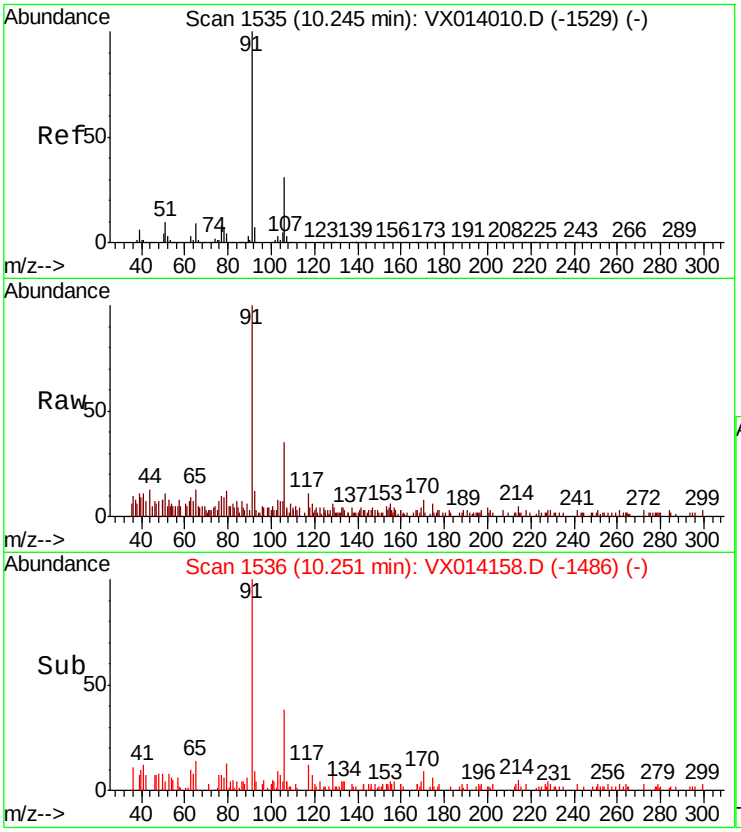


#64
Tetrachloroethene
Concen: 0.629 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion:164 Resp: 4468

Ion	Ratio	Lower	Upper
164	100		
166	133.8	104.0	156.0
129	84.0	72.2	108.4
131	92.4	69.6	104.4



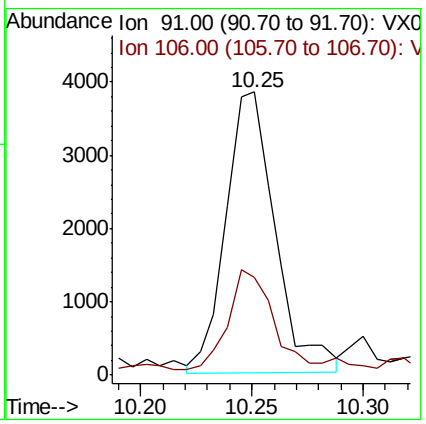


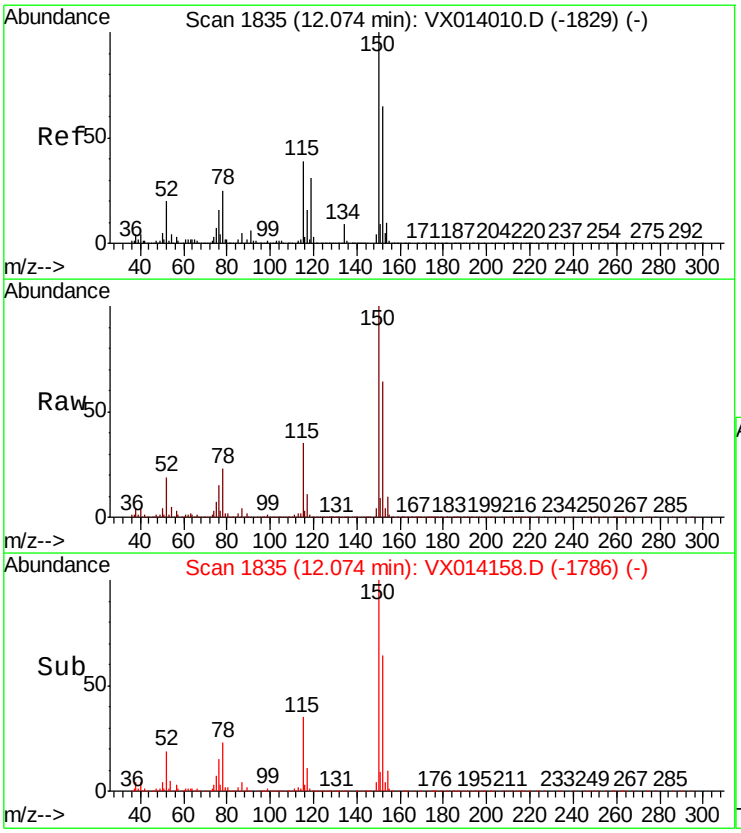
#67
Ethyl Benzene
Concen: 0.202 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 5943

Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.0	37.6

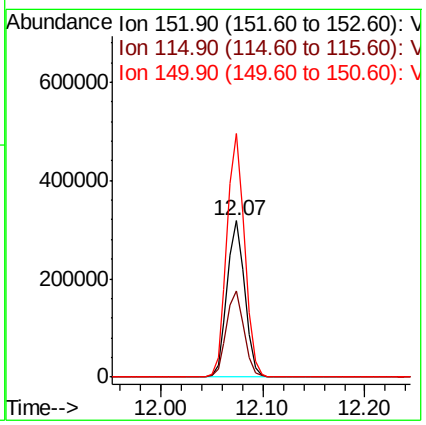


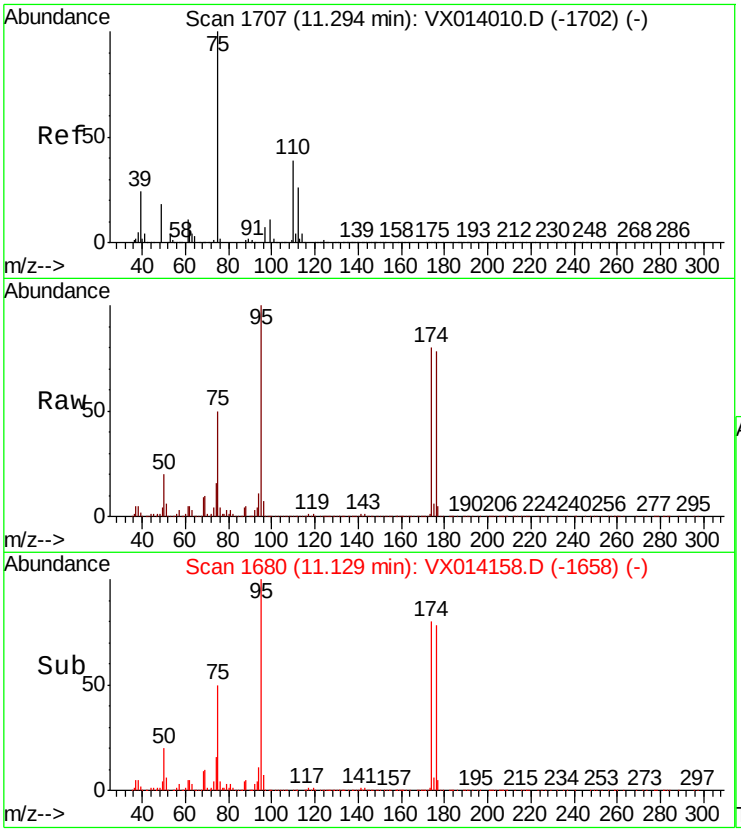


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion:152 Resp: 379194

Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.3	114.9
150	156.6	0.0	345.4



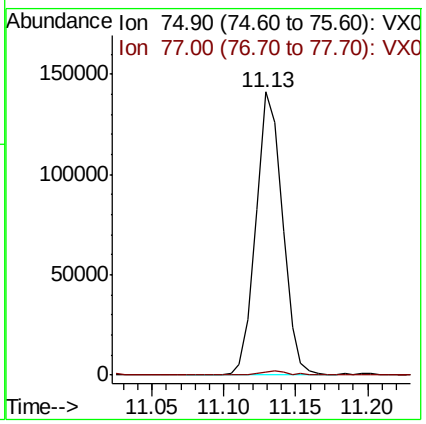


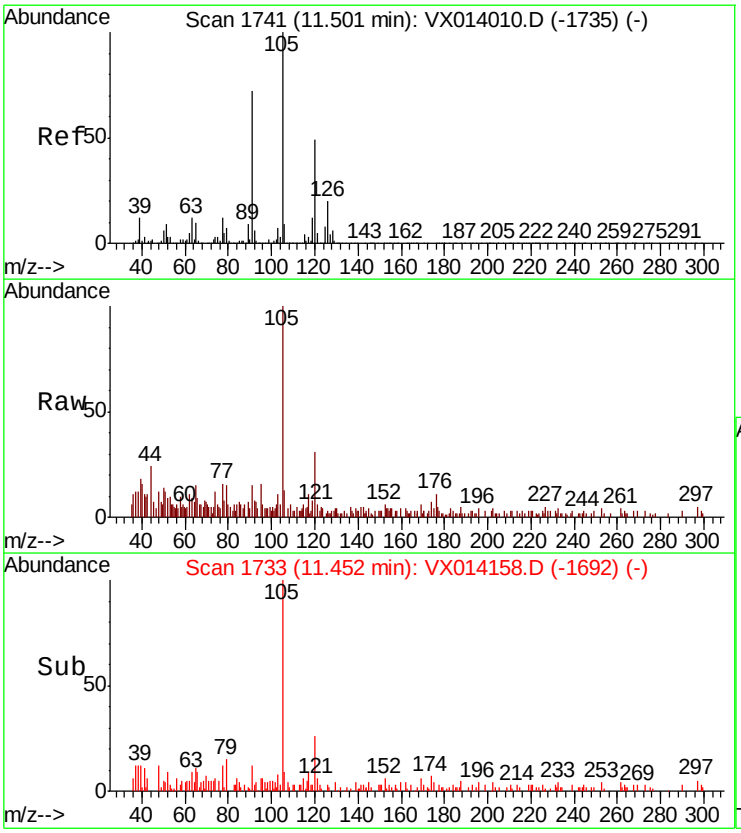
#76
1,2,3-Trichloropropane
Concen: 21.691 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 178562

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.3	57.8#

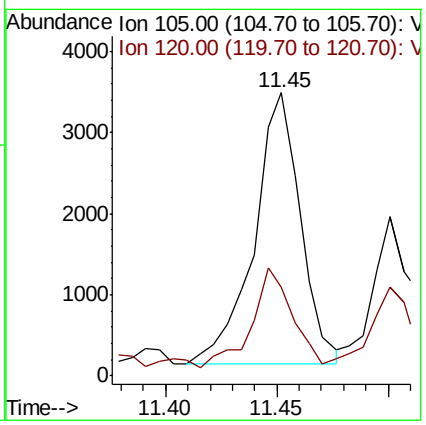


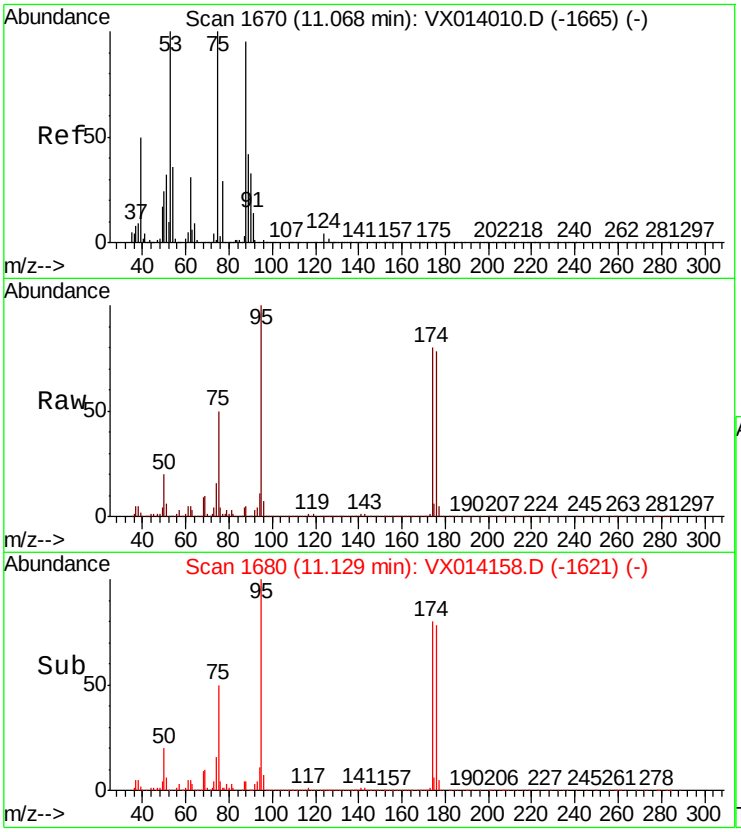


#80
1,3,5-Trimethylbenzene
Concen: 0.216 ug/l
RT: 11.45 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion:105 Resp: 4852

Ion	Ratio	Lower	Upper
105	100		
120	36.4	25.3	75.8



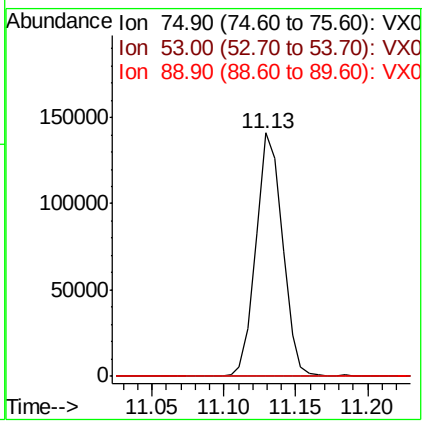


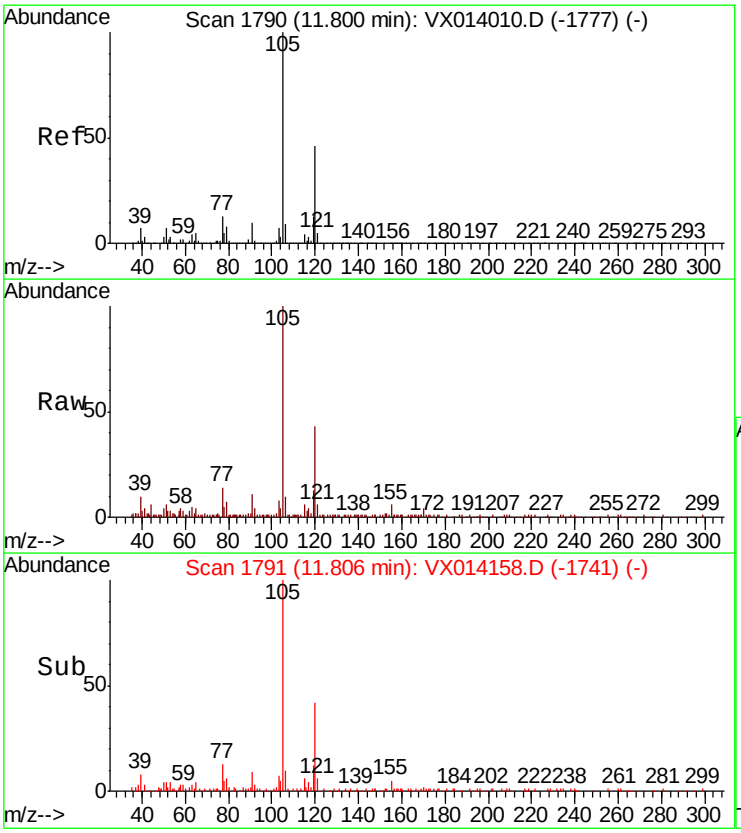
#81
trans-1,4-Dichloro-2-butene
Concen: 61.222 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 178562

Ion	Ratio	Lower	Upper
75	100		
53	0.3	76.7	115.1#
89	0.1	34.6	51.8#

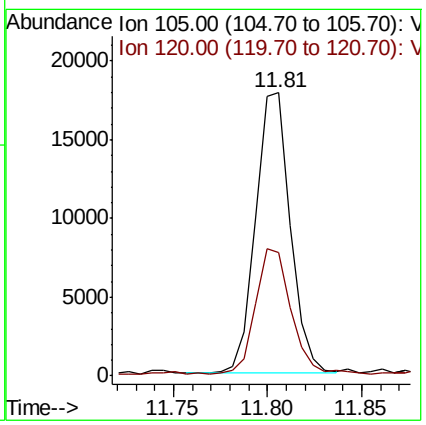


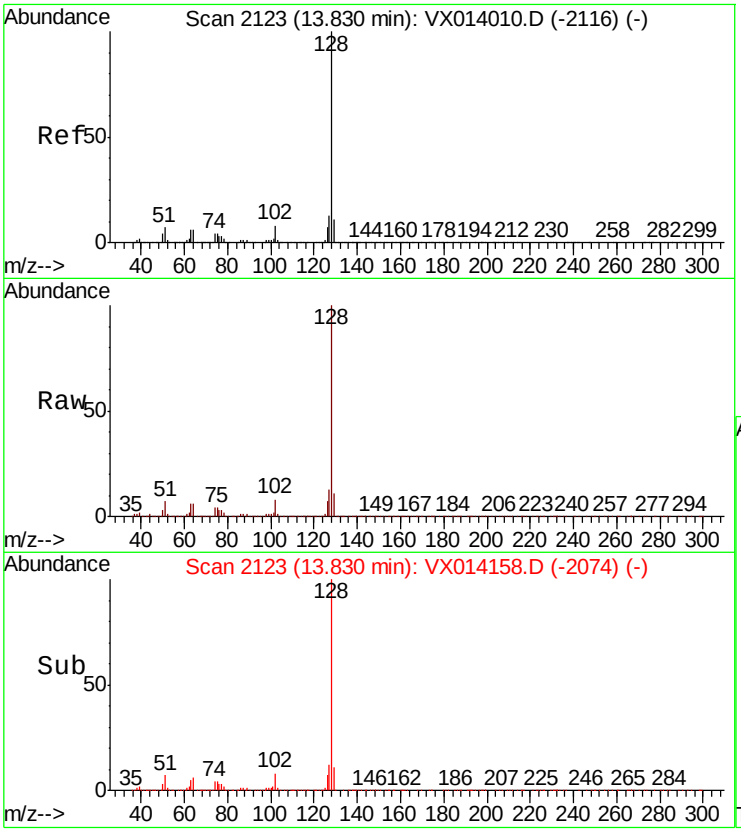


#84
1,2,4-Trimethylbenzene
Concen: 1.007 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Tgt Ion:105 Resp: 22661

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2





#95
Naphthalene
Concen: 11.915 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014158.D
Acq: 20 Dec 2019 07:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 294874

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.7	8.7	13.1