Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008095.D
Acq On : 15 Mar 2019 02:53
Operator : JC/SP
Sample : K1839-05DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307DL

Quant Time: Mar 15 04:31:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	422974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148487	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.56%			
35) Dibromofluoromethane	5.51	113	145291	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.90%			
50) Toluene-d8	8.71	98	540223	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.62%			
62) 4-Bromofluorobenzene	11.13	95	198747	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	470	0.201	ug/l	95
5) Bromomethane	1.65	94	257	Below Cal	#	79
6) Chloroethane	1.63	64	209	Below Cal	#	58
9) 1,1,2-Trichlorotrifluoroet	2.39	101	6771	2.867	ug/l	98
11) Tert butyl alcohol	3.03	59	1345	2.357	ug/l #	77
12) 1,1-Dichloroethene	2.38	96	1767	0.792	ug/l	89
16) Acetone	2.45	43	1461	1.048	ug/l	90
18) Methyl Acetate	2.78	43	763	0.253	ug/l	99
20) Methylene Chloride	2.85	84	518	0.208	ug/l #	76
24) 1,1-Dichloroethane	3.70	63	1048	0.237	ug/l #	83
27) cis-1,2-Dichloroethene	4.61	96	1313	0.459	ug/l	90
31) Cyclohexane	5.67	56	4007	0.949	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17150	4.636	ug/l #	48
38) Carbon Tetrachloride	5.79	117	1085	0.305	ug/l #	74
39) Methylcyclohexane	7.21	83	1590	0.336	ug/l #	1
44) Trichloroethene	7.21	130	139356	42.603	ug/l	100
49) 1,4-Dioxane	7.77	88	244	3.383	ug/l #	62
51) 4-Methyl-2-Pentanone	8.71	43	1961	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	89135	24.326	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	89135	69.224	ug/l #	11

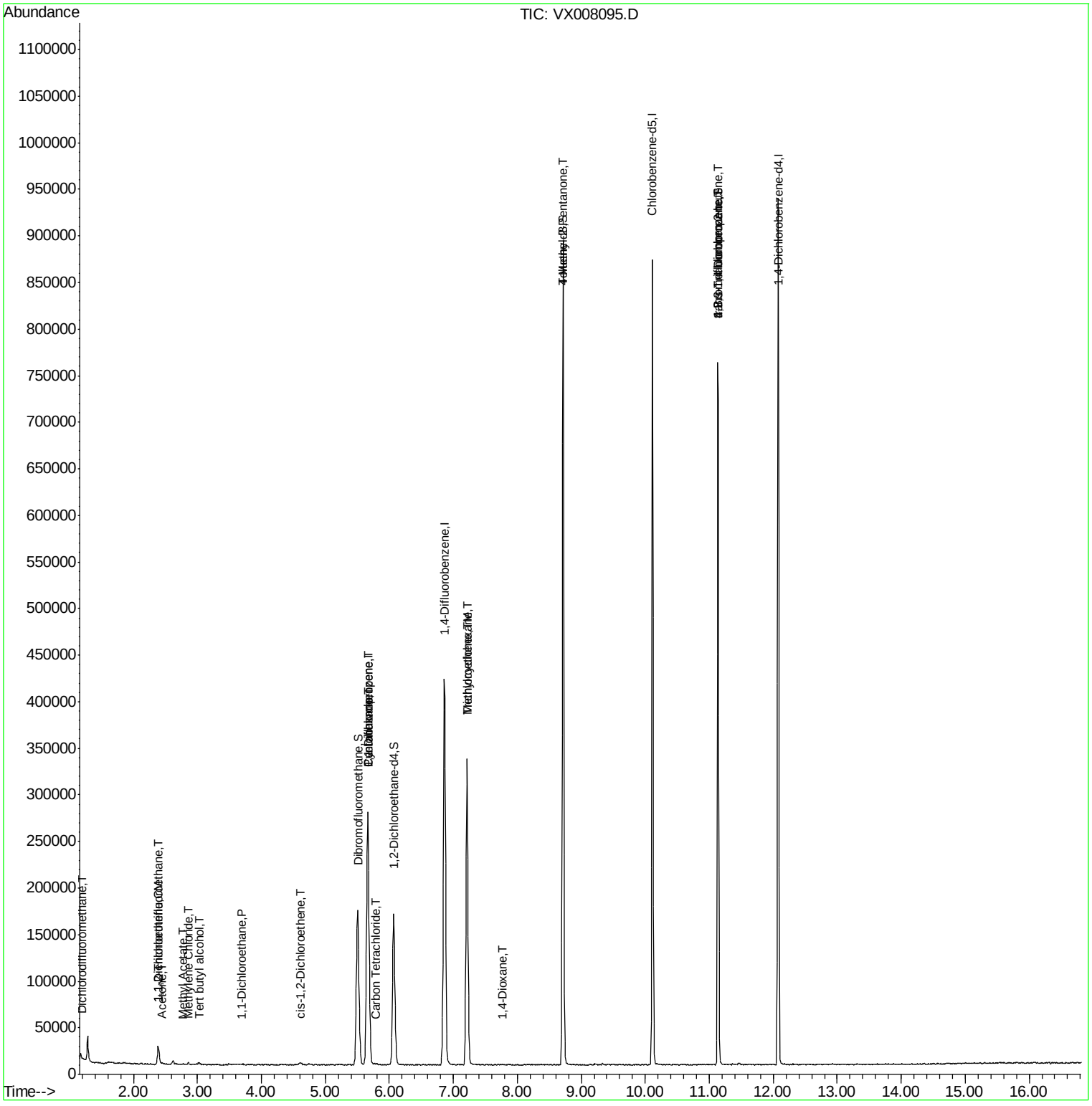
(#) = qualifier out of range (m) = manual integration (+) = signals summed

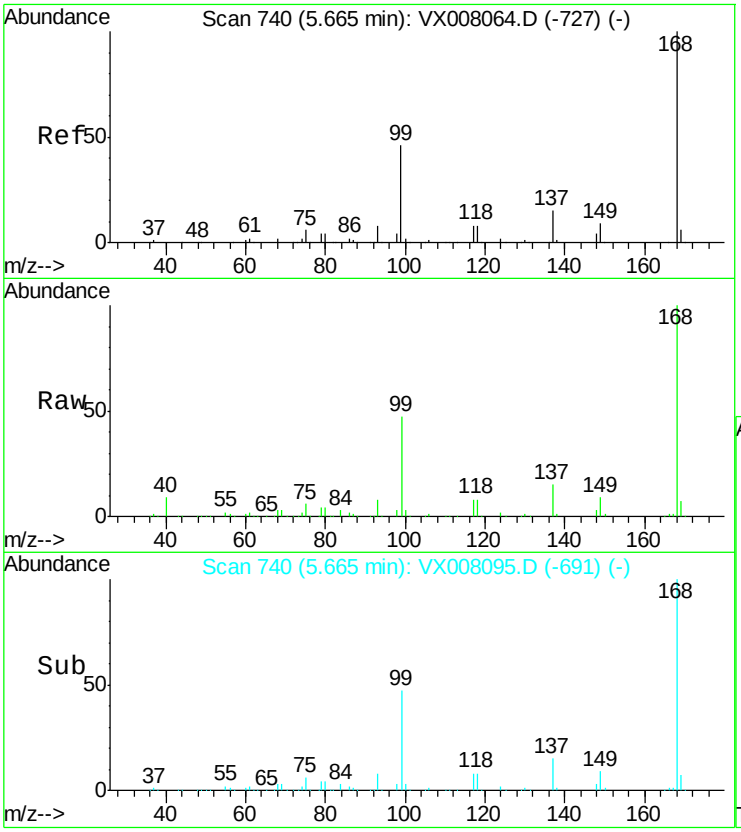
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
Data File : VX008095.D
Acq On : 15 Mar 2019 02:53
Operator : JC/SP
Sample : K1839-05DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307DL

Quant Time: Mar 15 04:31:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration



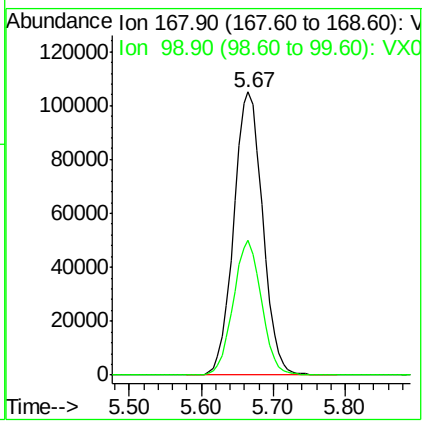


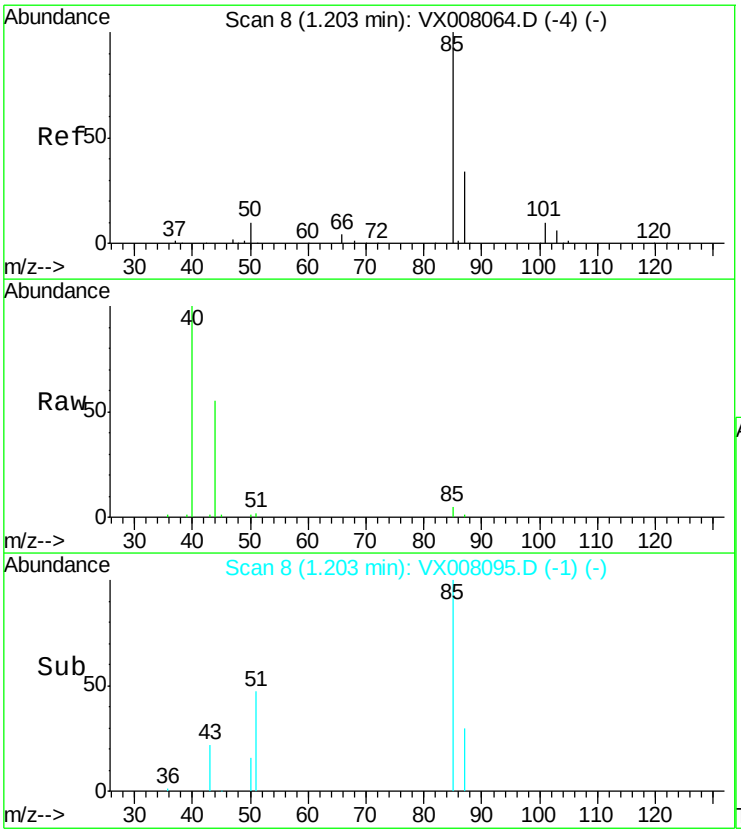
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307DL

Tgt Ion:168 Resp: 292769

Ion	Ratio	Lower	Upper
168	100		
99	47.5	37.6	56.4

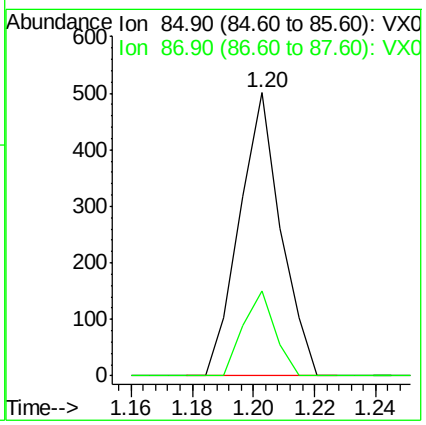


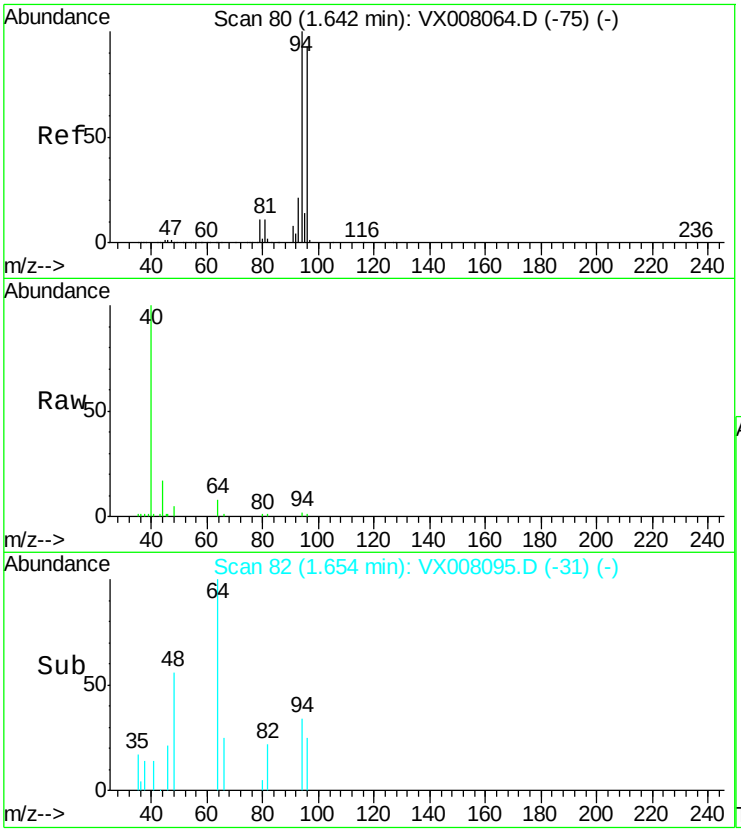


#2
Dichlorodifluoromethane
Concen: 0.201 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion: 85 Resp: 470

Ion	Ratio	Lower	Upper
85	100		
87	30.1	16.4	49.1



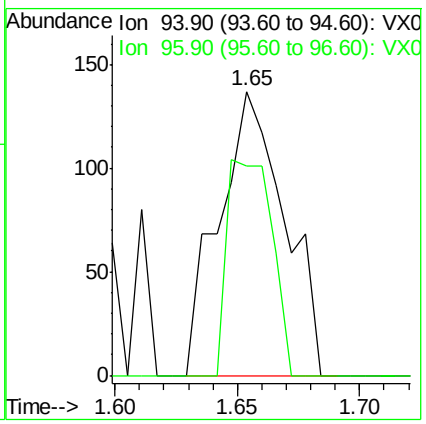


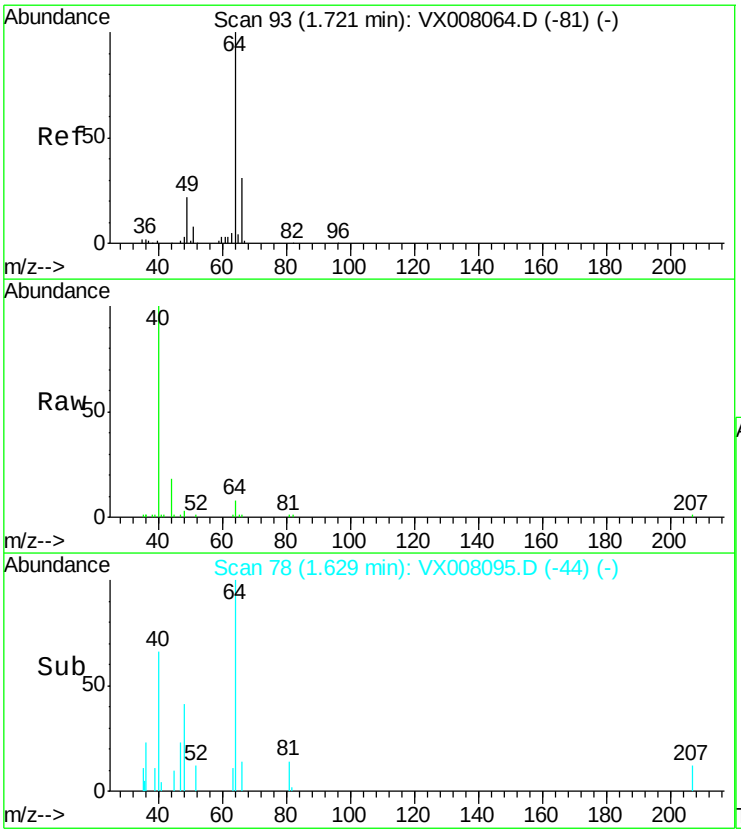
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307DL

Tgt Ion: 94 Resp: 257

Ion	Ratio	Lower	Upper
94	100		
96	73.7	75.5	113.3#

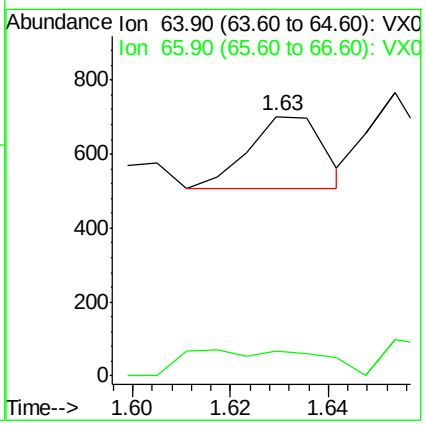


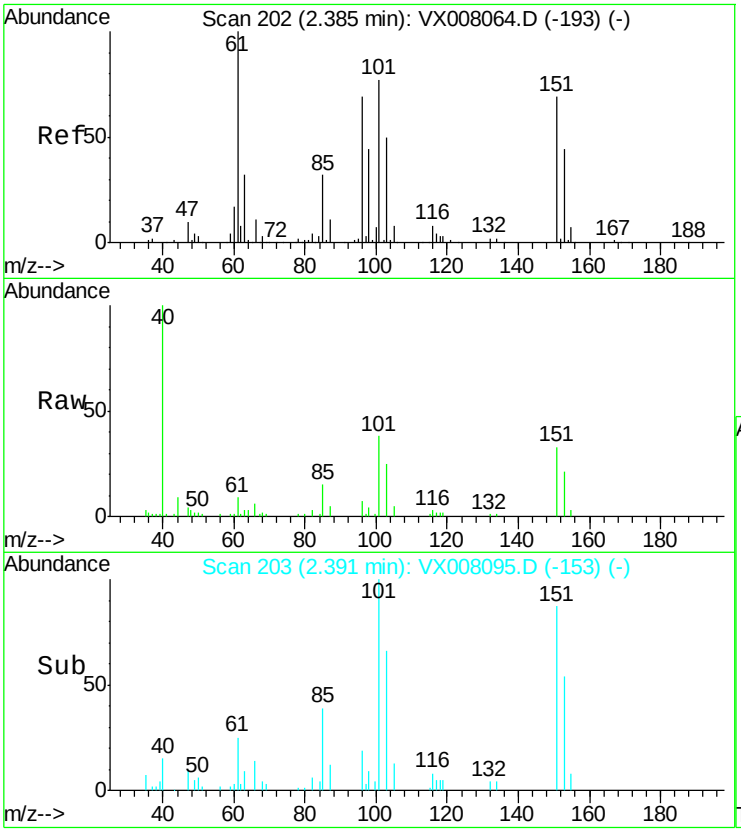


#6
Chloroethane
Concen: Below Cal
RT: 1.63 min Scan# 78
Delta R.T. -0.09 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion: 64 Resp: 209

Ion	Ratio	Lower	Upper
64	100		
66	8.2	25.2	37.8#



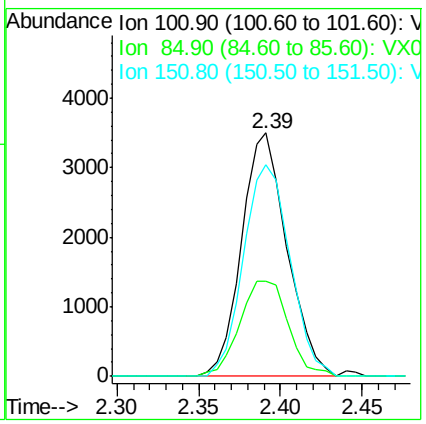


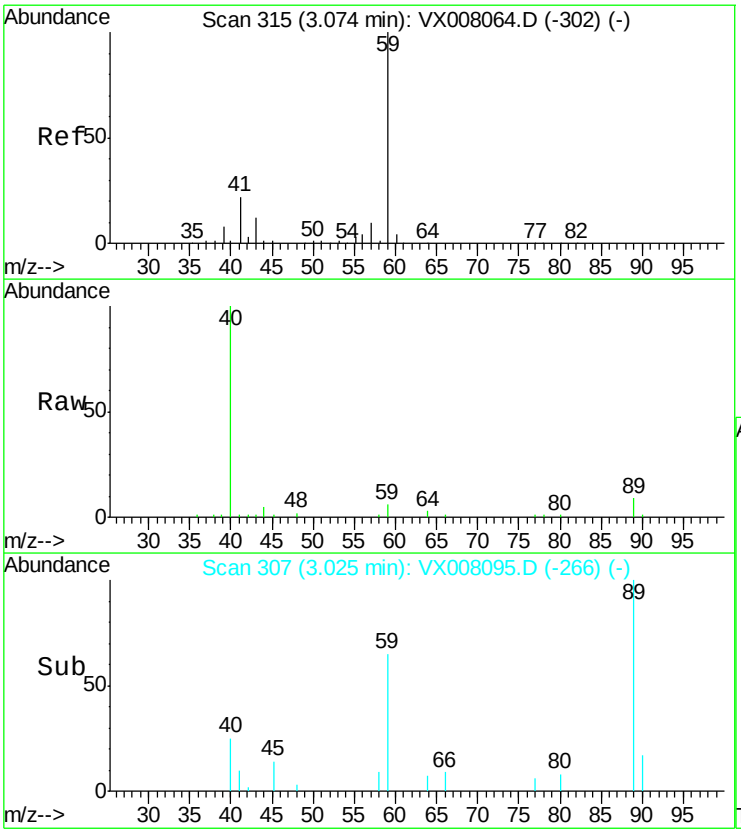
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.867 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307DL

Tgt Ion:101 Resp: 6771

Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.8	50.6
151	89.1	69.1	103.7

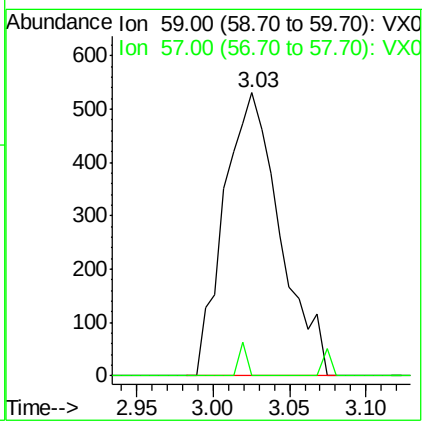


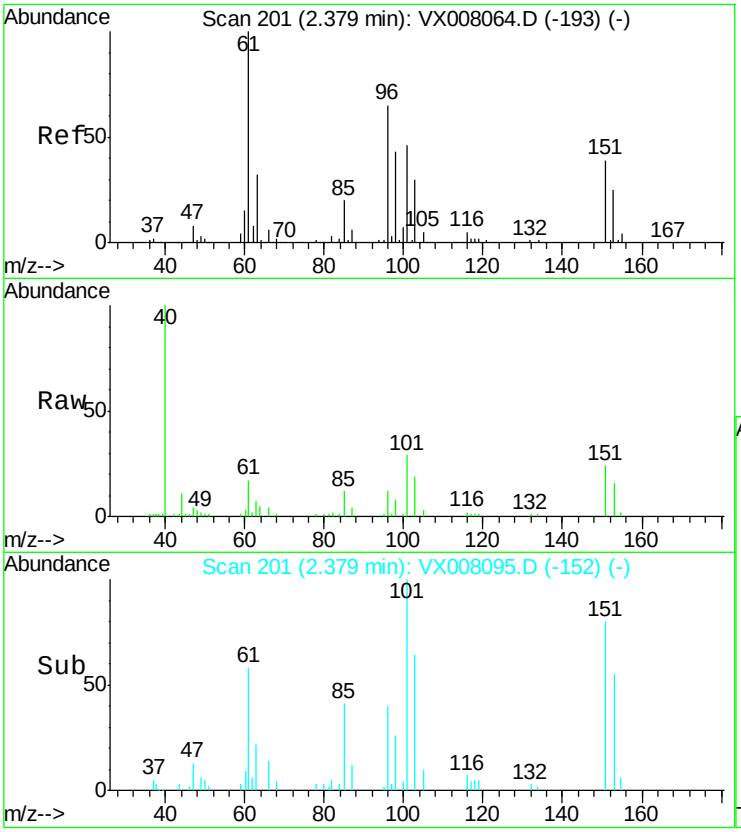


#11
Tert butyl alcohol
Concen: 2.357 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion: 59 Resp: 1345

Ion	Ratio	Lower	Upper
59	100		
57	1.7	8.2	12.2#



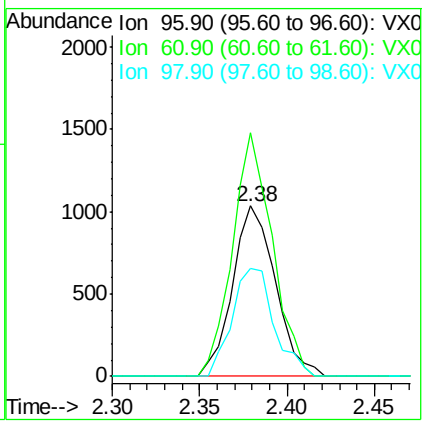


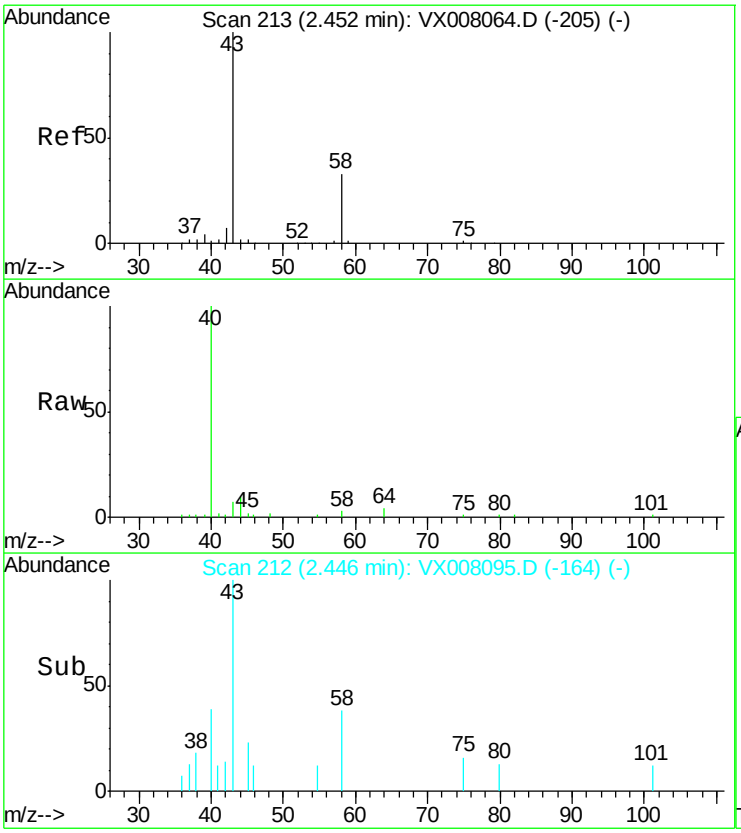
#12
1,1-Dichloroethene
Concen: 0.792 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307DL

Tgt Ion: 96 Resp: 1767

Ion	Ratio	Lower	Upper
96	100		
61	142.8	129.8	194.6
98	63.3	51.0	76.6

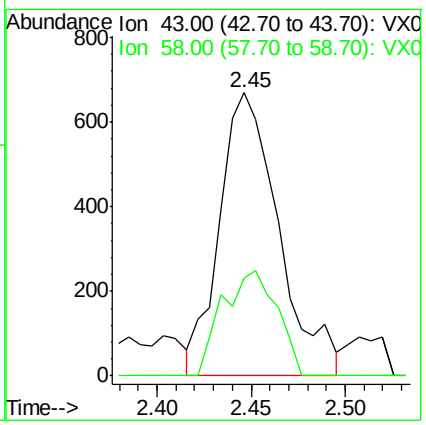


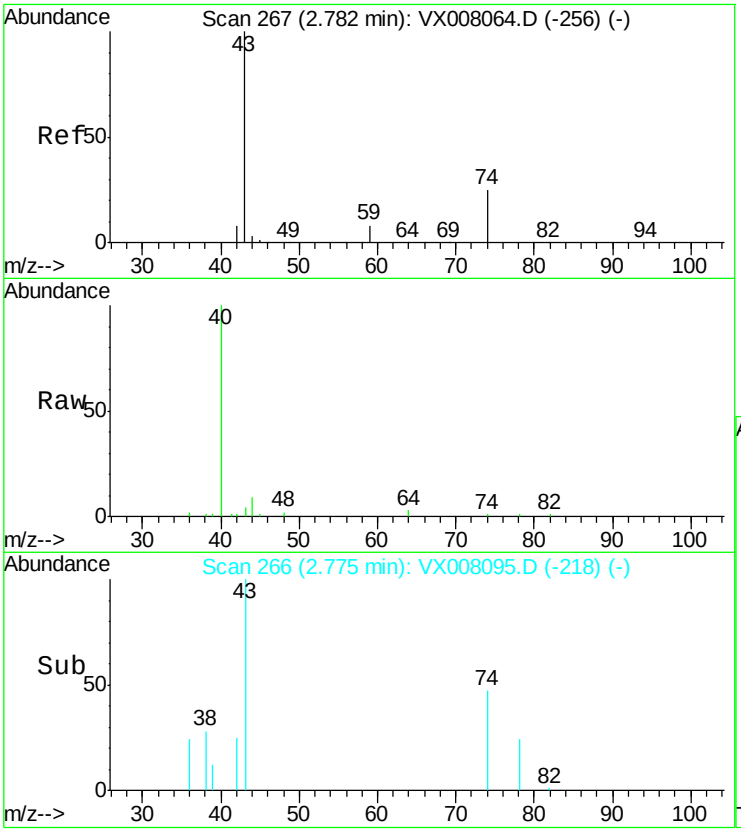


#16
Acetone
Concen: 1.048 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion: 43 Resp: 1461

Ion	Ratio	Lower	Upper
43	100		
58	37.6	25.5	38.3



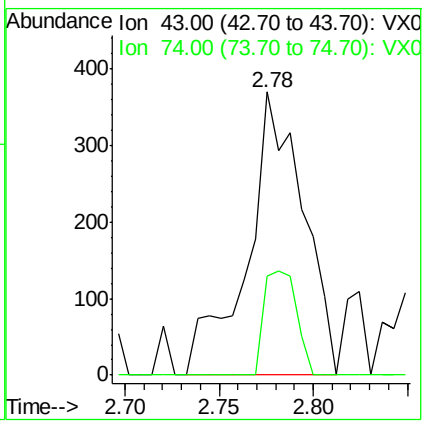


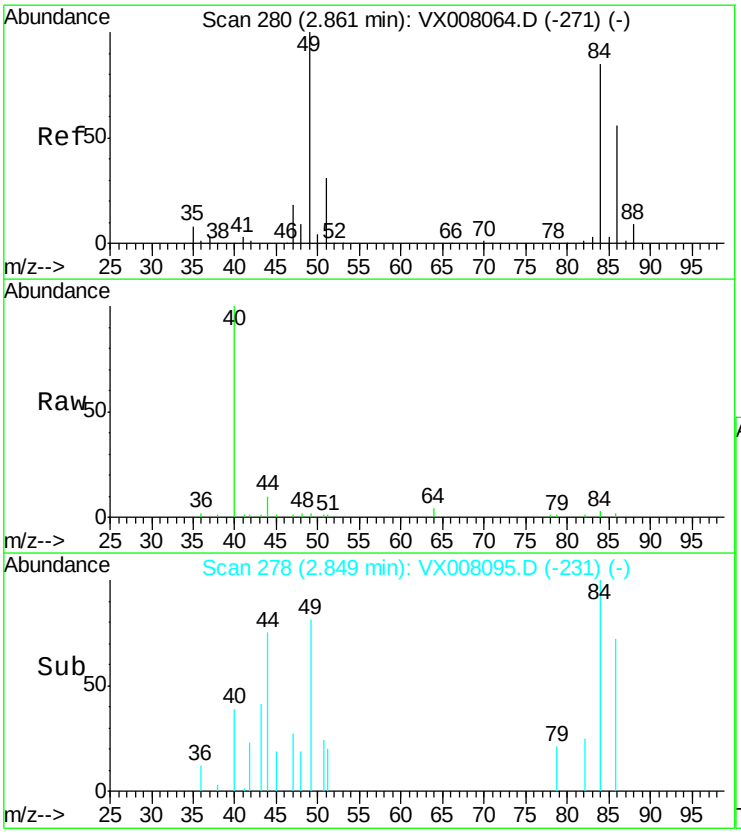
#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307DL

Tgt Ion: 43 Resp: 763

Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.8	26.6

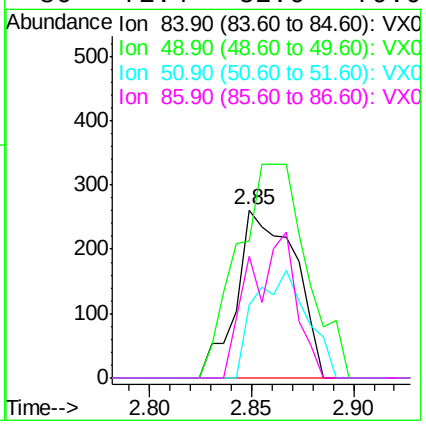


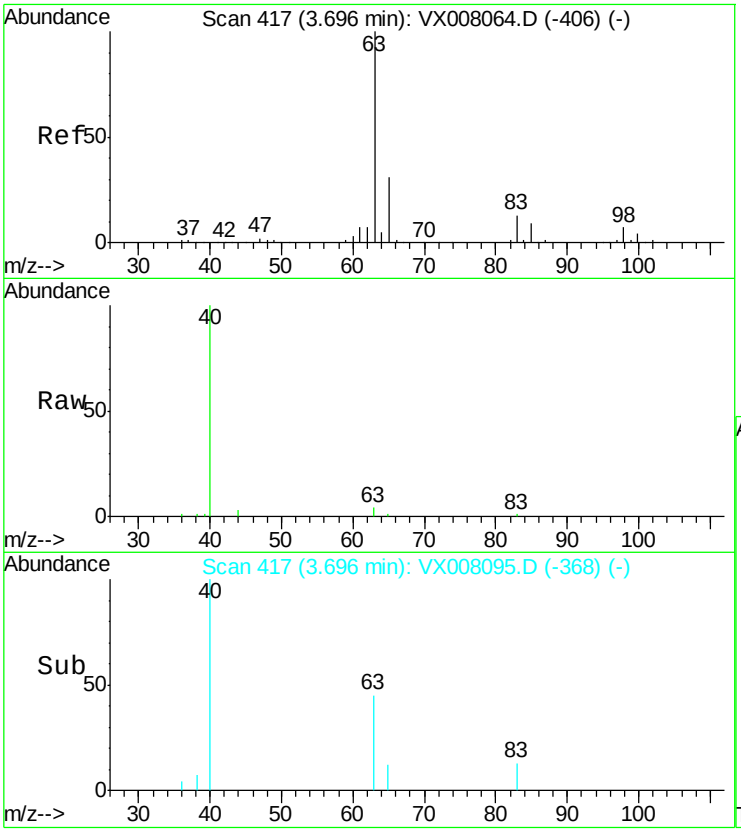


#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion: 84 Resp: 518

Ion	Ratio	Lower	Upper
84	100		
49	81.2	99.3	148.9#
51	43.7	31.3	46.9
86	72.4	52.6	79.0



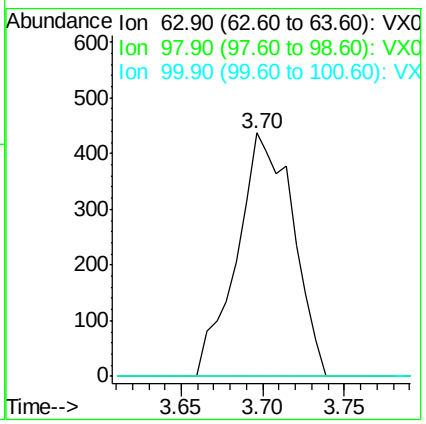


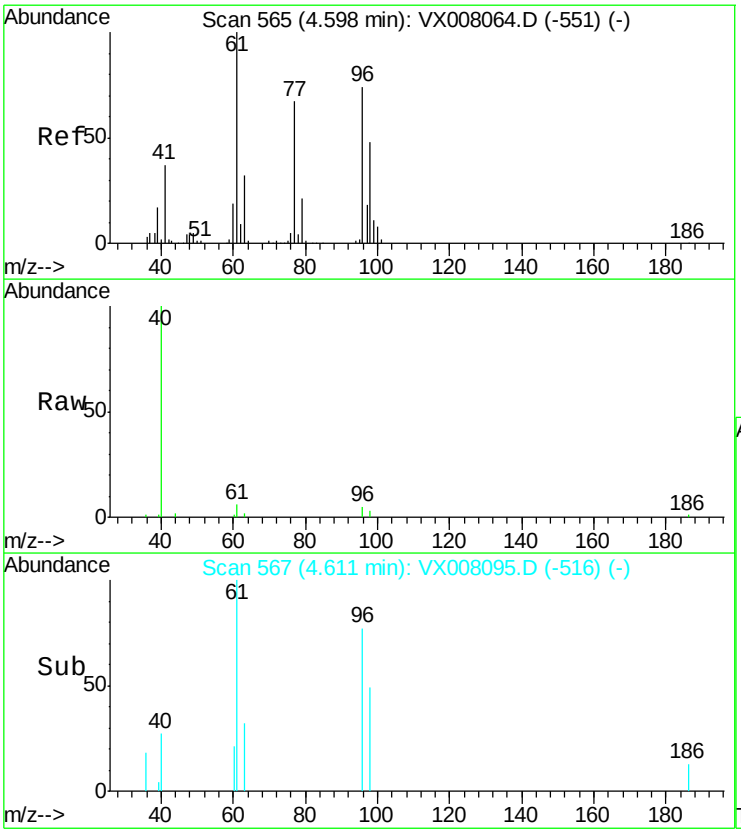
#24
1,1-Dichloroethane
Concen: 0.237 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307DL

Tgt Ion: 63 Resp: 1048

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.3	6.8#

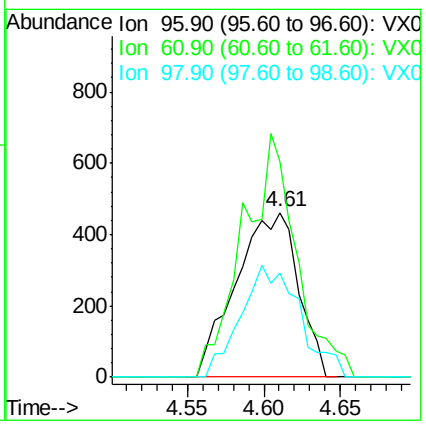


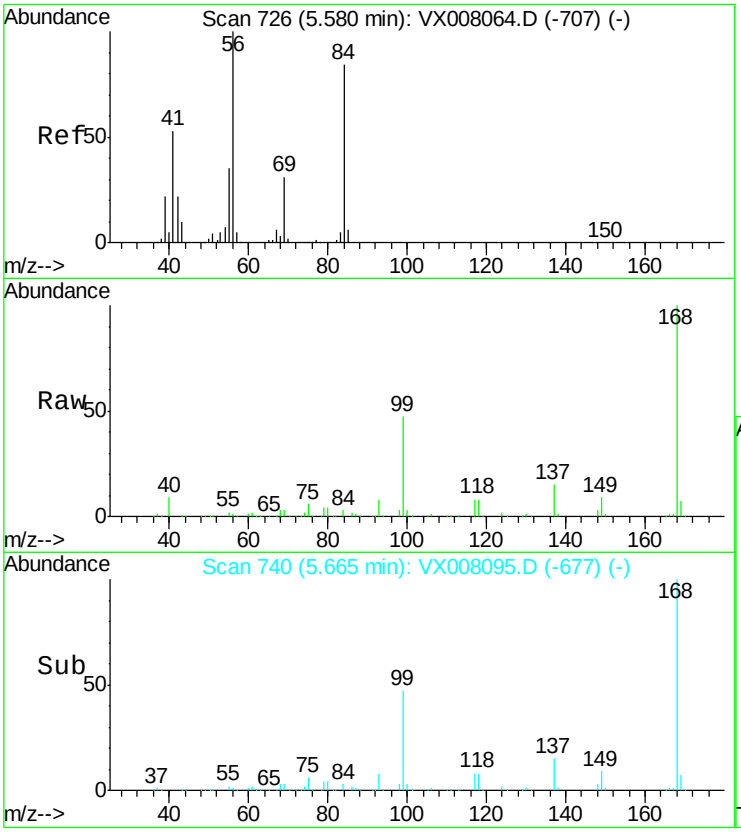


#27
cis-1,2-Dichloroethene
Concen: 0.459 ug/l
RT: 4.61 min Scan# 567
Delta R.T. 0.01 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion: 96 Resp: 1313

Ion	Ratio	Lower	Upper
96	100		
61	127.0	0.0	288.0
98	64.1	0.0	129.0



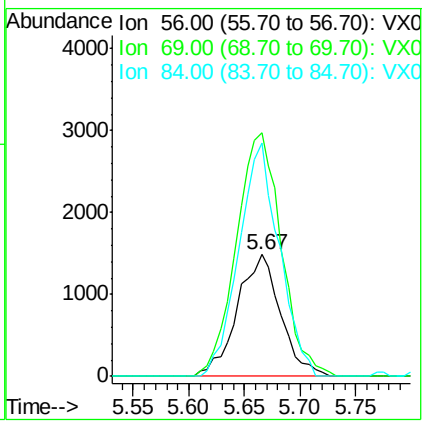


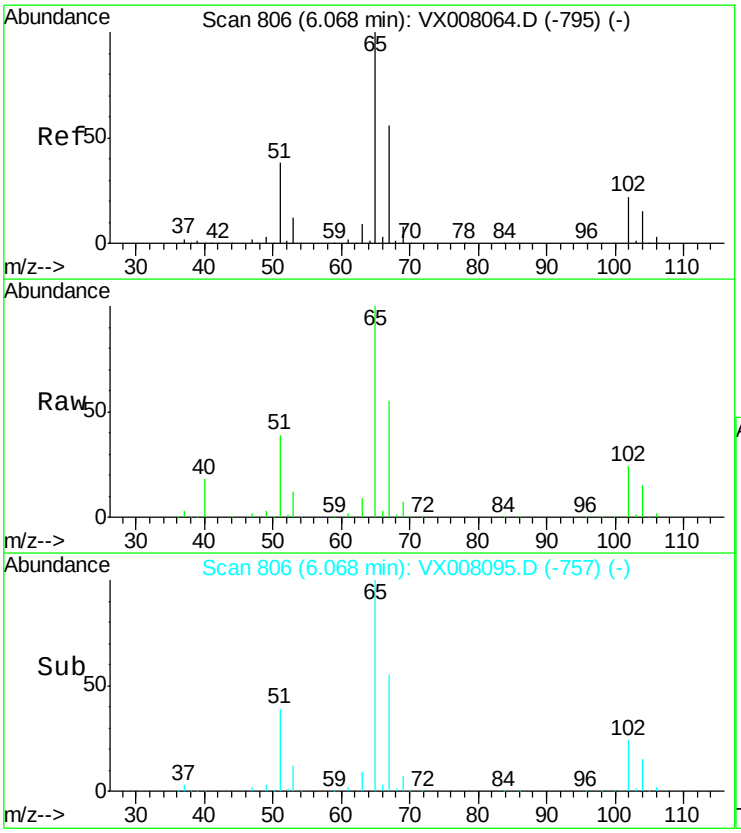
#31
Cyclohexane
Concen: 0.949 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307DL

Tgt Ion: 56 Resp: 4007

Ion	Ratio	Lower	Upper
56	100		
69	200.5	24.0	36.0#
84	192.4	65.3	97.9#

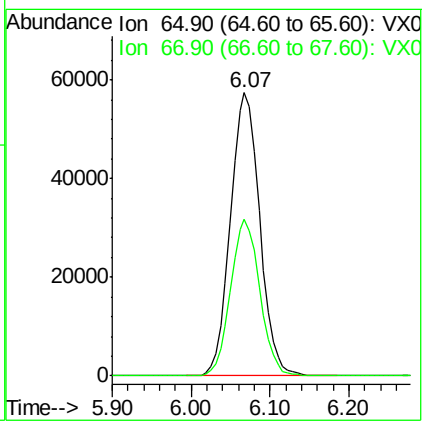


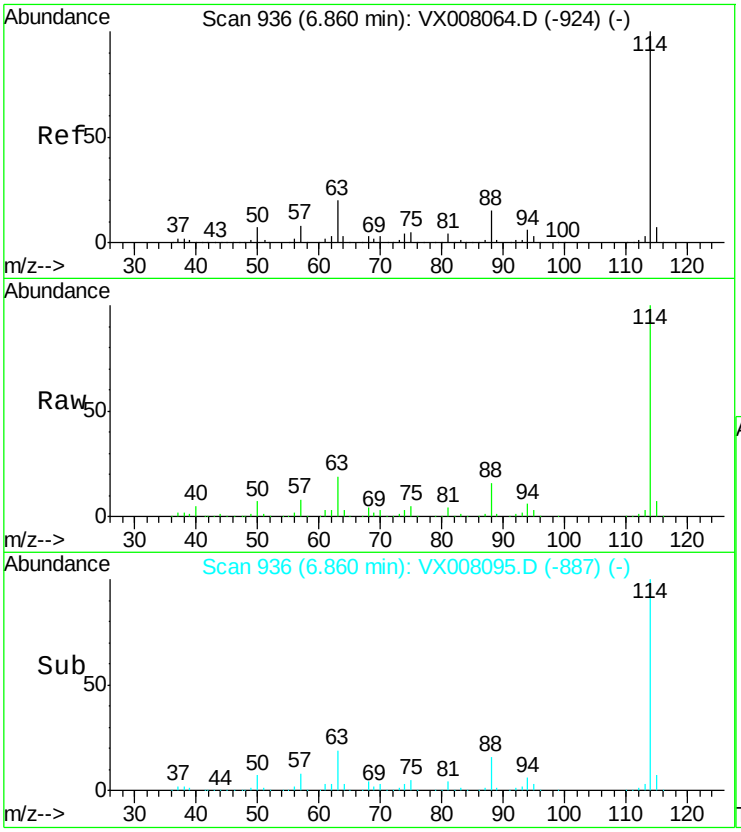


#33
1,2-Dichloroethane-d4
Concen: 50.279 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion: 65 Resp: 148487

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.0



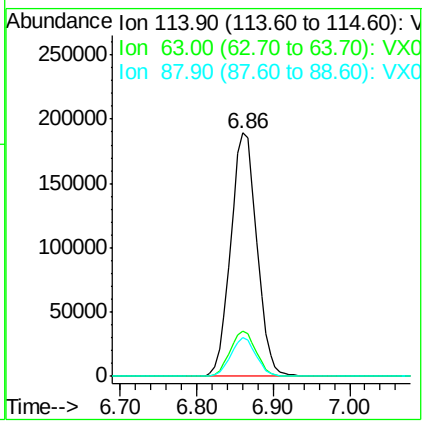


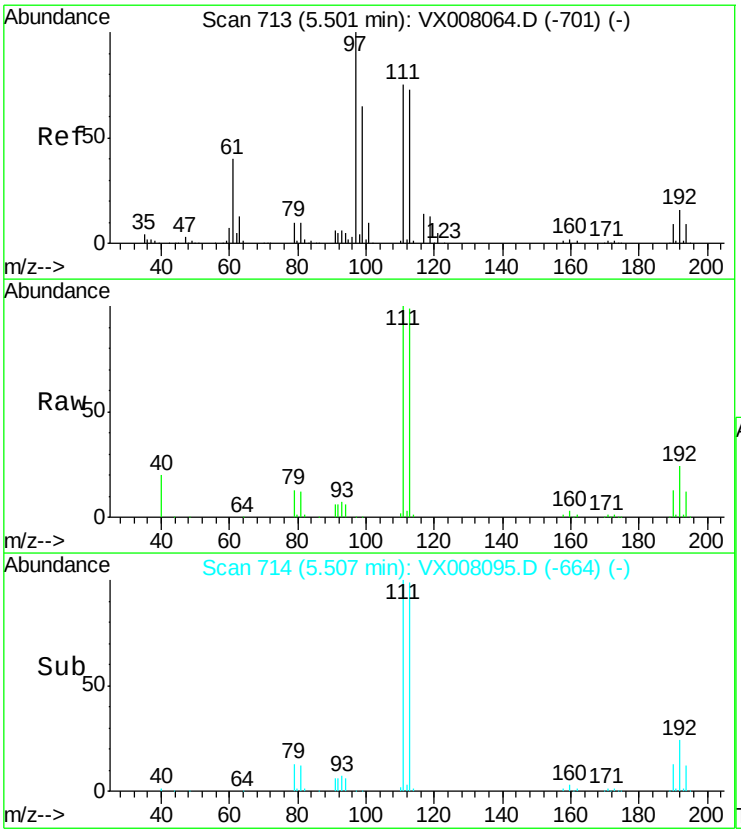
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307DL

Tgt Ion:114 Resp: 449717

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.8
88	16.0	0.0	31.4

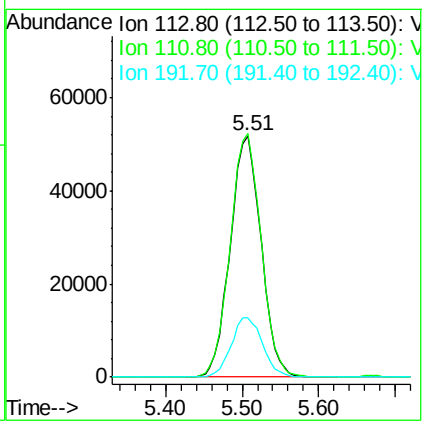


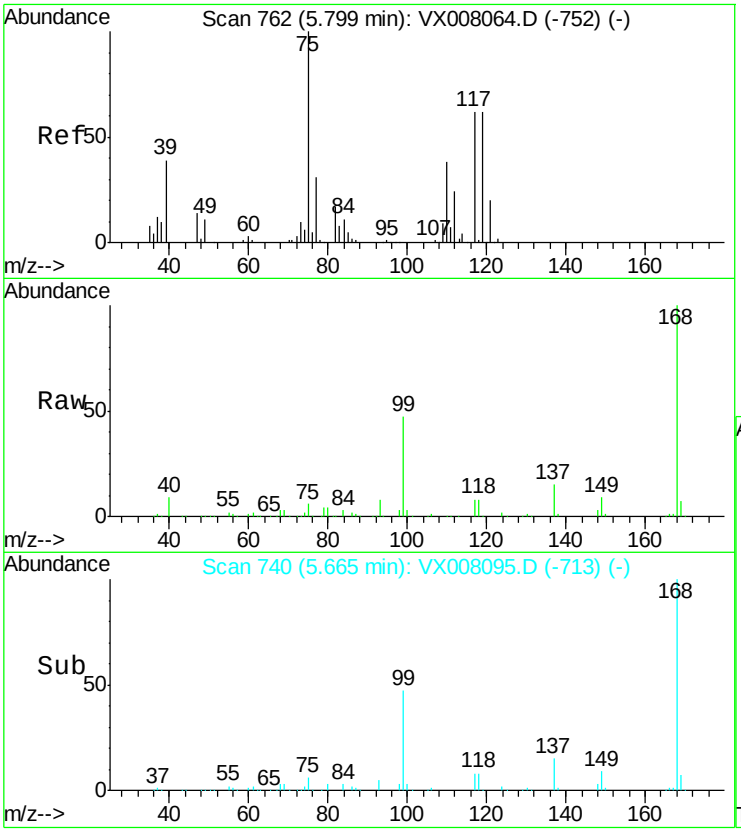


#35
Dibromofluoromethane
Concen: 50.946 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion:113 Resp: 145291

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.4	122.0
192	25.0	19.4	29.0



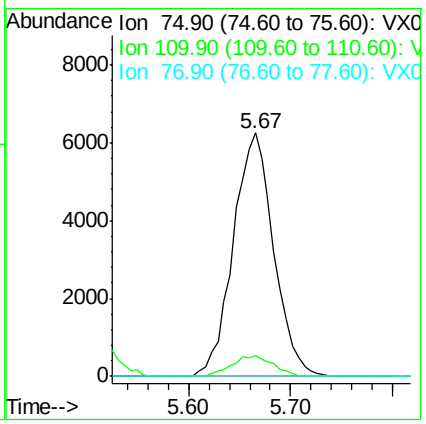


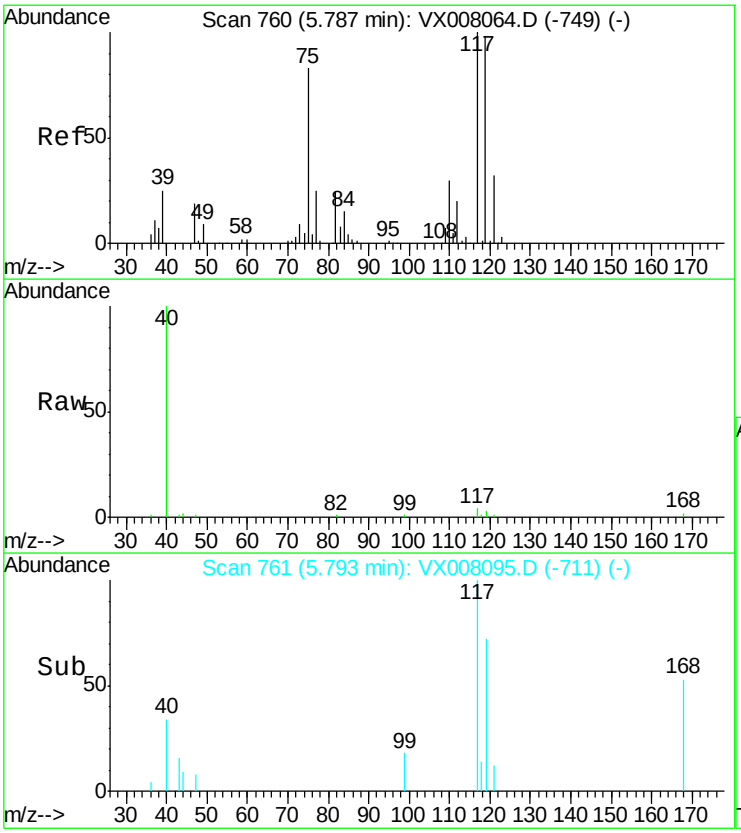
#36
1,1-Dichloropropene
Concen: 4.636 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307DL

Tgt Ion: 75 Resp: 17150

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.4	55.0#
77	0.0	25.0	37.4#

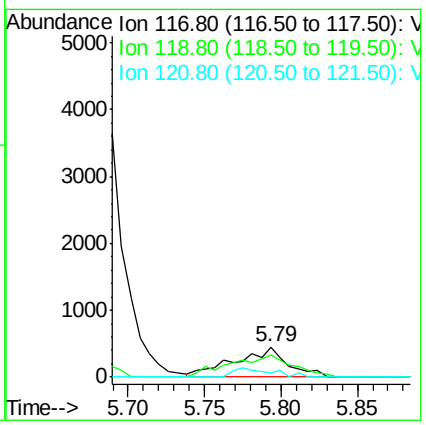


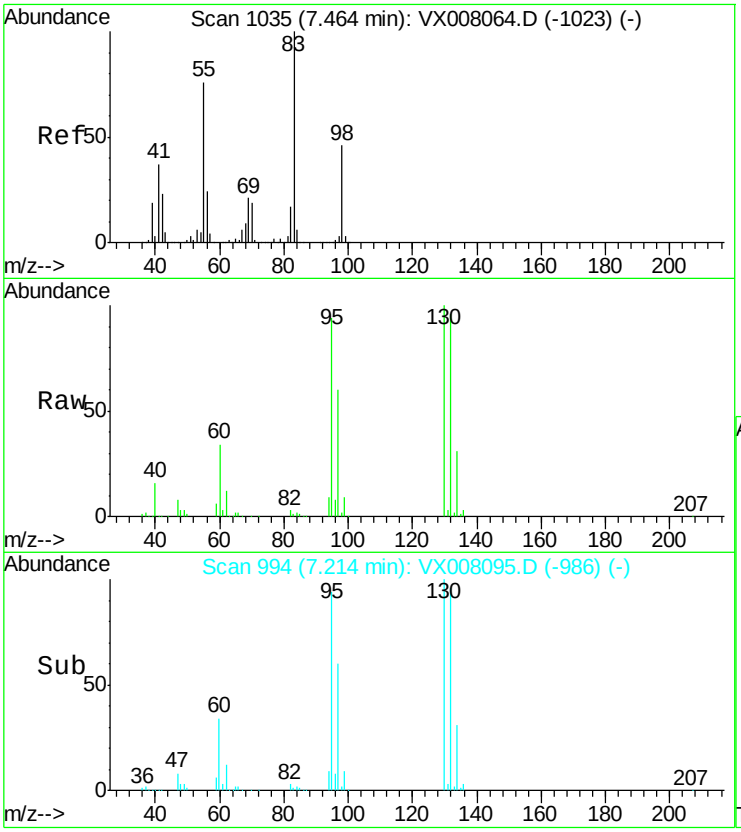


#38
Carbon Tetrachloride
Concen: 0.305 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion:117 Resp: 1085

Ion	Ratio	Lower	Upper
117	100		
119	72.2	76.2	114.2#
121	12.2	24.6	36.8#



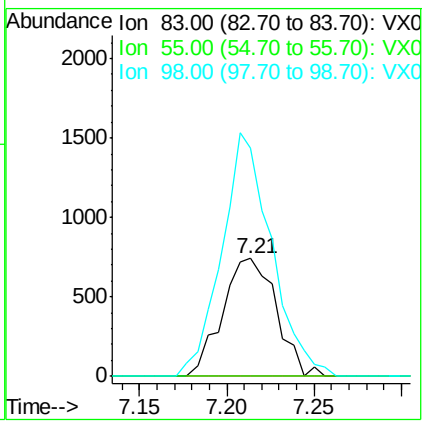


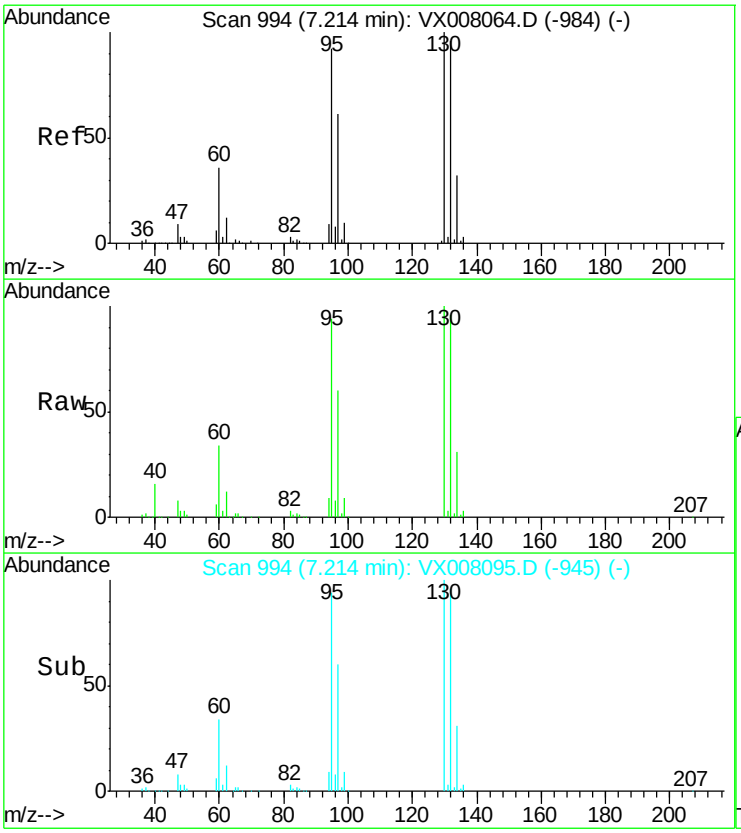
#39
Methylcyclohexane
Concen: 0.336 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307DL

Tgt Ion: 83 Resp: 1590

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	194.6	36.5	54.7#

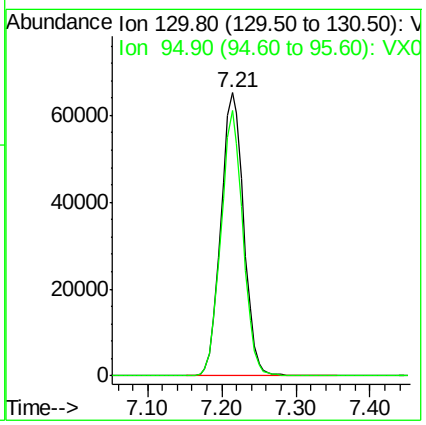


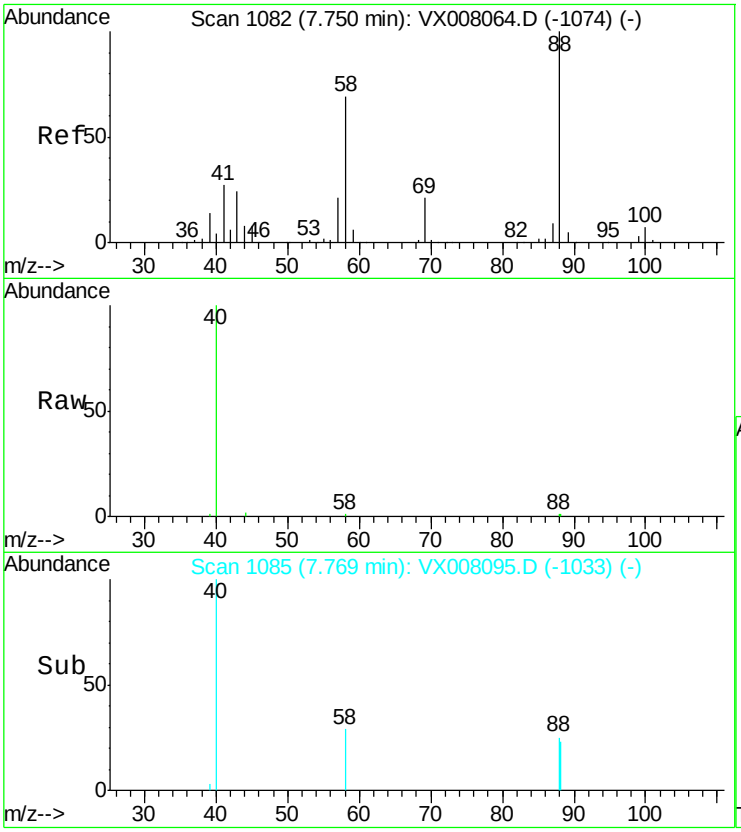


#44
Trichloroethene
Concen: 42.603 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion:130 Resp: 139356

Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	188.0



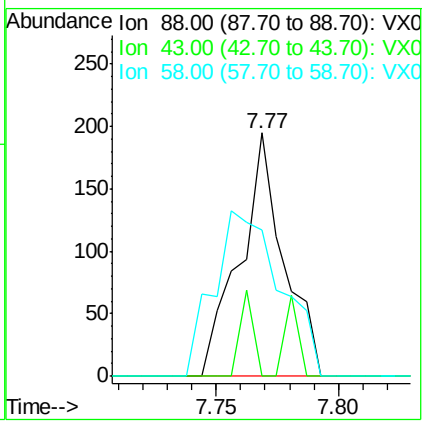


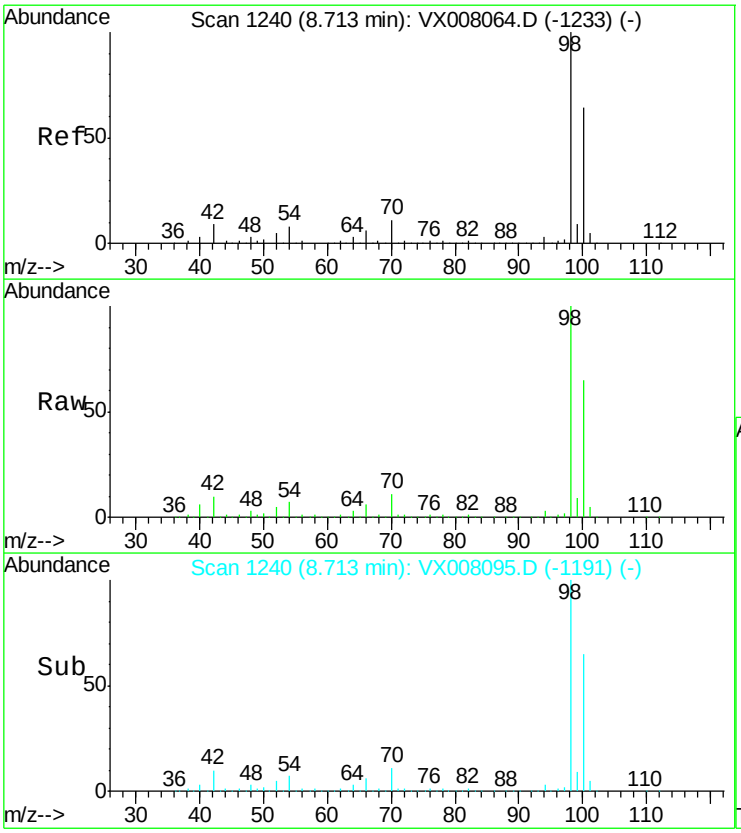
#49
1,4-Dioxane
Concen: 3.383 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307DL

Tgt Ion: 88 Resp: 244

Ion	Ratio	Lower	Upper
88	100		
43	10.2	25.1	37.7#
58	103.3	57.8	86.6#

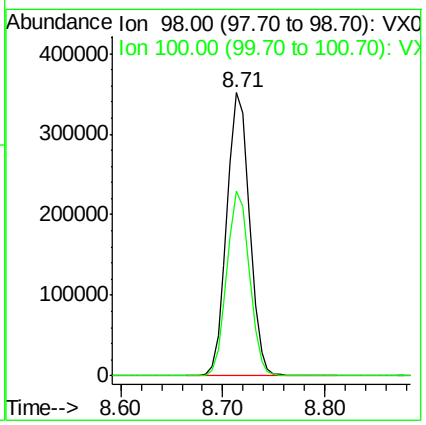


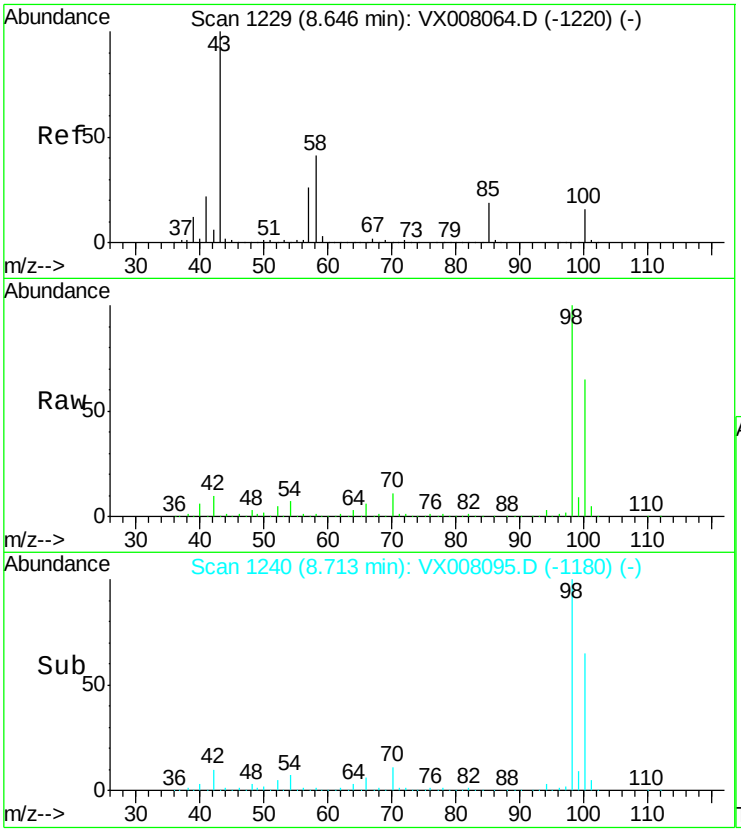


#50
Toluene-d8
Concen: 49.806 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion: 98 Resp: 540223

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5



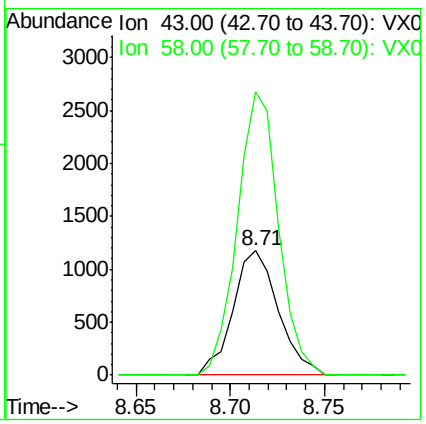


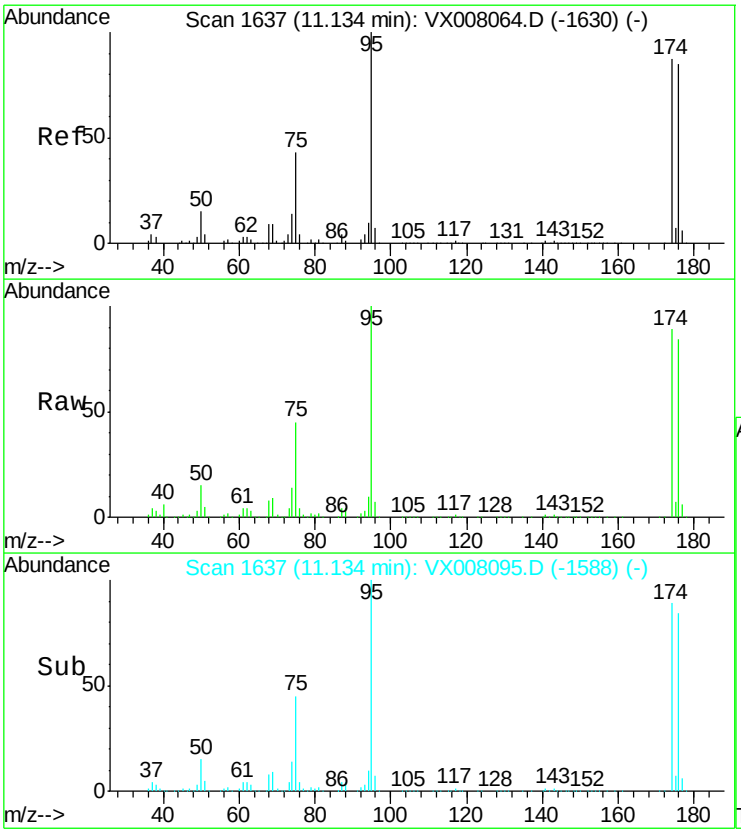
#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307DL

Tgt Ion: 43 Resp: 1961

Ion	Ratio	Lower	Upper
43	100		
58	206.2	31.3	46.9#

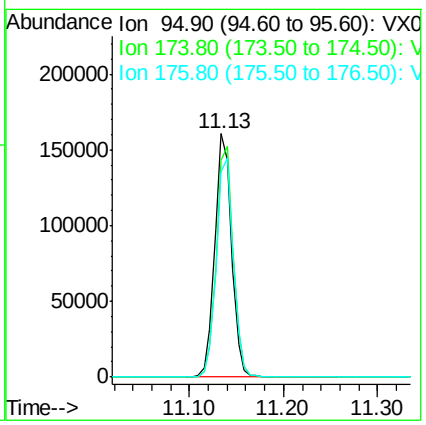


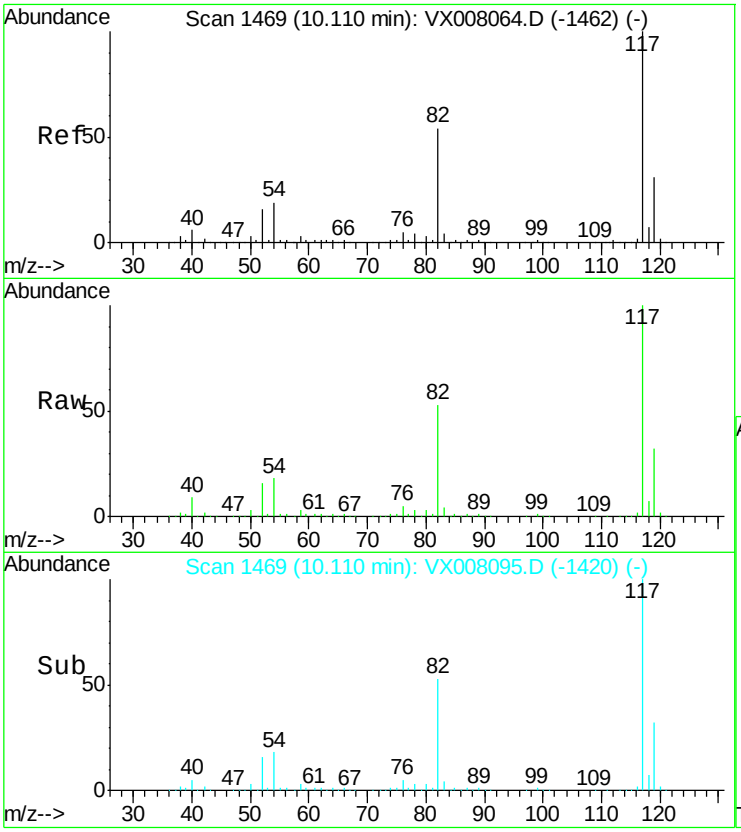


#62
4-Bromofluorobenzene
Concen: 51.150 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion: 95 Resp: 198747

Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	182.8
176	91.5	0.0	178.0



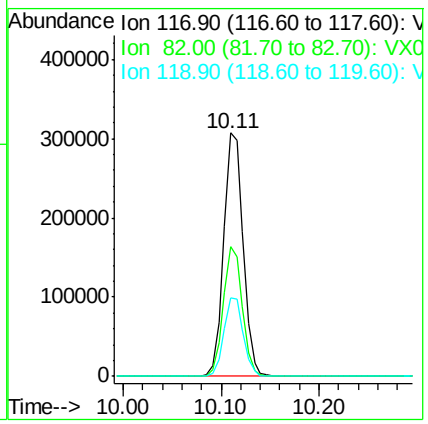


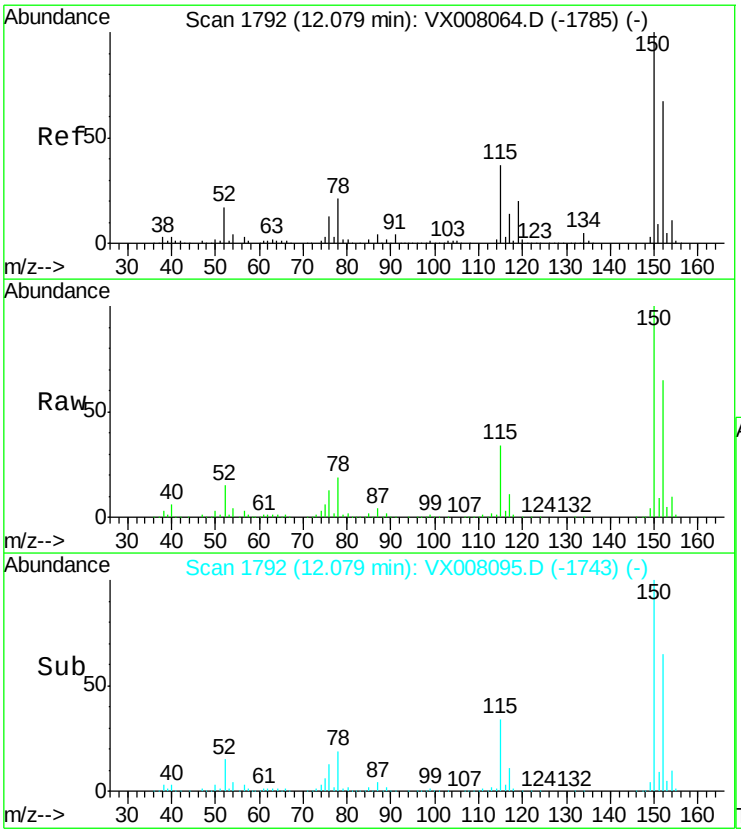
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307DL

Tgt Ion:117 Resp: 422974

Ion	Ratio	Lower	Upper
117	100		
82	53.4	44.3	66.5
119	32.3	25.3	37.9

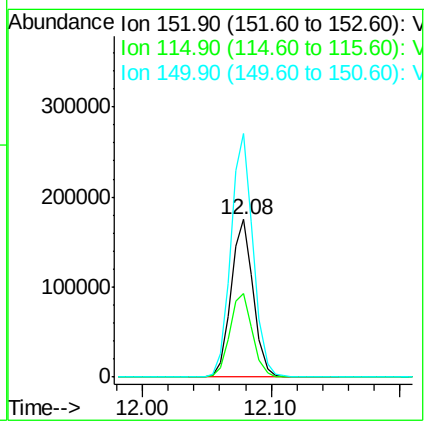


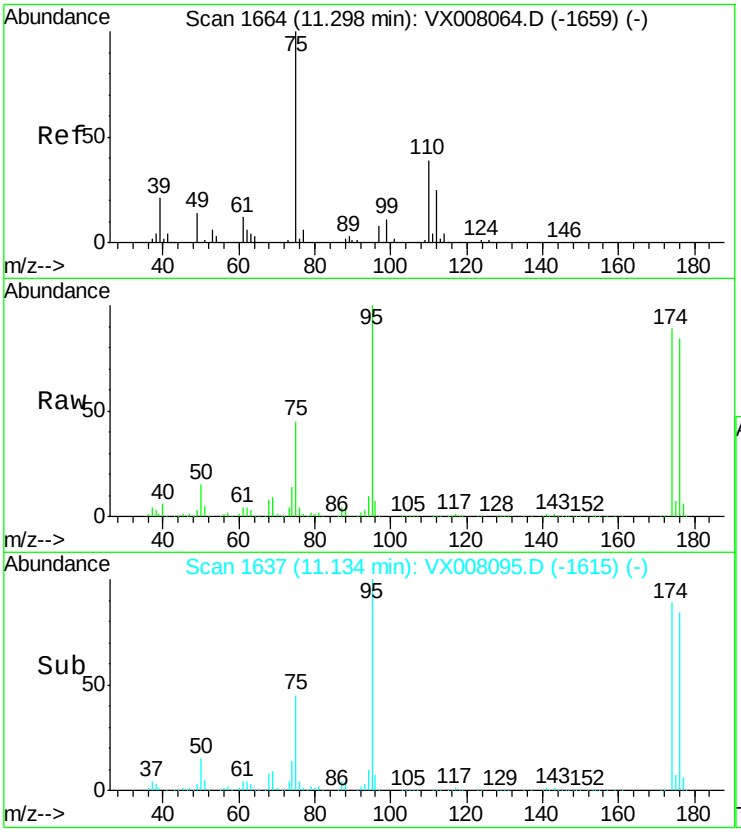


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion:152 Resp: 210983

Ion	Ratio	Lower	Upper
152	100		
115	54.2	38.6	115.7
150	155.2	0.0	348.4



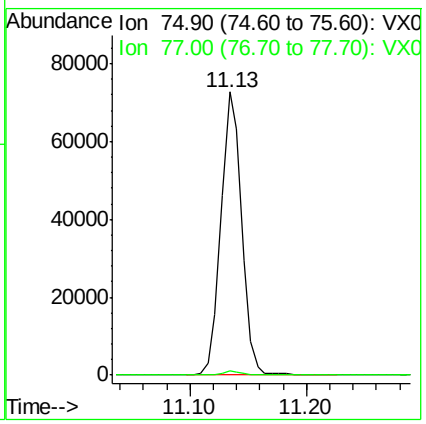


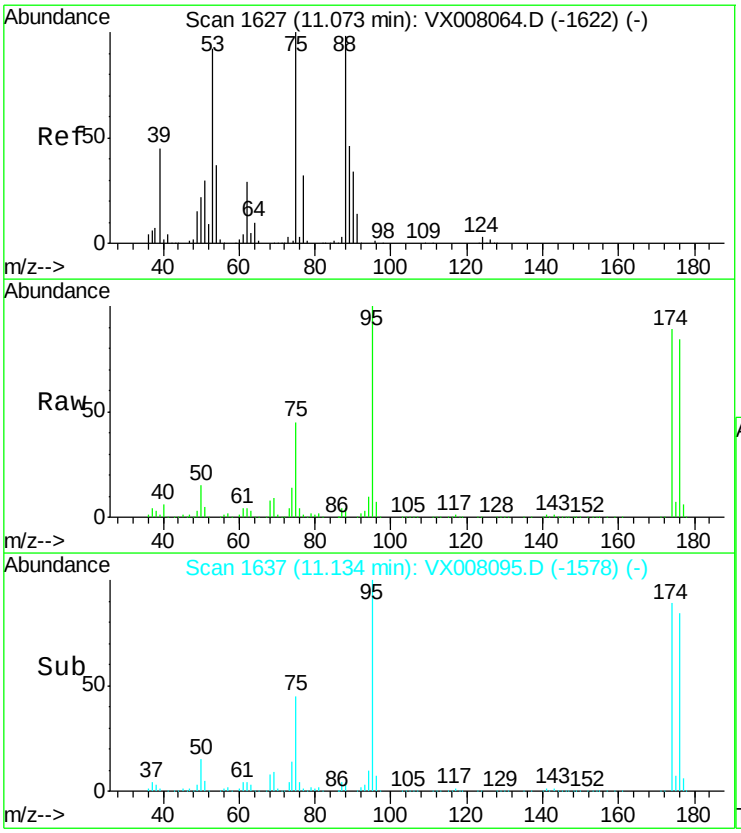
#76
1,2,3-Trichloropropane
Concen: 24.326 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307DL

Tgt Ion: 75 Resp: 89135

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.224 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008095.D
Acq: 15 Mar 2019 02:53

Tgt Ion: 75 Resp: 89135

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.0	36.3	54.5#