Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008093.D
Acq On : 15 Mar 2019 02:00
Operator : JC/SP
Sample : K1839-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Quant Time: Mar 15 04:31:13 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	296866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	453127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	430673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149614	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.92%			
35) Dibromofluoromethane	5.51	113	144134	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.32%			
50) Toluene-d8	8.71	98	544877	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.72%			
62) 4-Bromofluorobenzene	11.13	95	199821	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	3064	1.289	ug/l	99
3) Chloromethane	1.33	50	678	0.242	ug/l #	75
5) Bromomethane	1.65	94	274	Below Cal	#	53
6) Chloroethane	1.67	64	2829	1.294	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31740	13.254	ug/l	96
11) Tert butyl alcohol	3.03	59	6030	10.423	ug/l #	77
12) 1,1-Dichloroethene	2.38	96	6659	2.942	ug/l	86
16) Acetone	2.45	43	3585	2.536	ug/l #	85
18) Methyl Acetate	2.78	43	838	0.274	ug/l #	80
19) Methyl tert-butyl Ether	3.21	73	1691	0.221	ug/l	94
20) Methylene Chloride	2.87	84	751	0.297	ug/l #	92
24) 1,1-Dichloroethane	3.70	63	4041	0.900	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	10419	3.594	ug/l	88
29) Tetrahydrofuran	5.16	42	394	0.291	ug/l #	64
30) Chloroform	5.21	83	2327	0.512	ug/l	99
31) Cyclohexane	5.67	56	4133	0.965	ug/l #	1
32) 1,1,1-Trichloroethane	5.50	97	847	0.221	ug/l #	47
36) 1,1-Dichloropropene	5.66	75	17445	4.680	ug/l #	49
38) Carbon Tetrachloride	5.79	117	821	0.229	ug/l #	71
39) Methylcyclohexane	7.22	83	3758	0.789	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	779	0.213	ug/l #	73
44) Trichloroethene	7.21	130	340075	103.183	ug/l	99
49) 1,4-Dioxane	7.76	88	1326	18.244	ug/l	96
51) 4-Methyl-2-Pentanone	8.72	43	2025	0.476	ug/l #	1
55) 1,1,2-Trichloroethane	9.21	97	670	0.227	ug/l #	78
60) Dibromochloromethane	9.34	129	3235	1.062	ug/l #	11
64) Tetrachloroethene	9.34	164	3557	1.019	ug/l #	88
76) 1,2,3-Trichloropropane	11.13	75	89553	24.420	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	89553	69.490	ug/l #	11

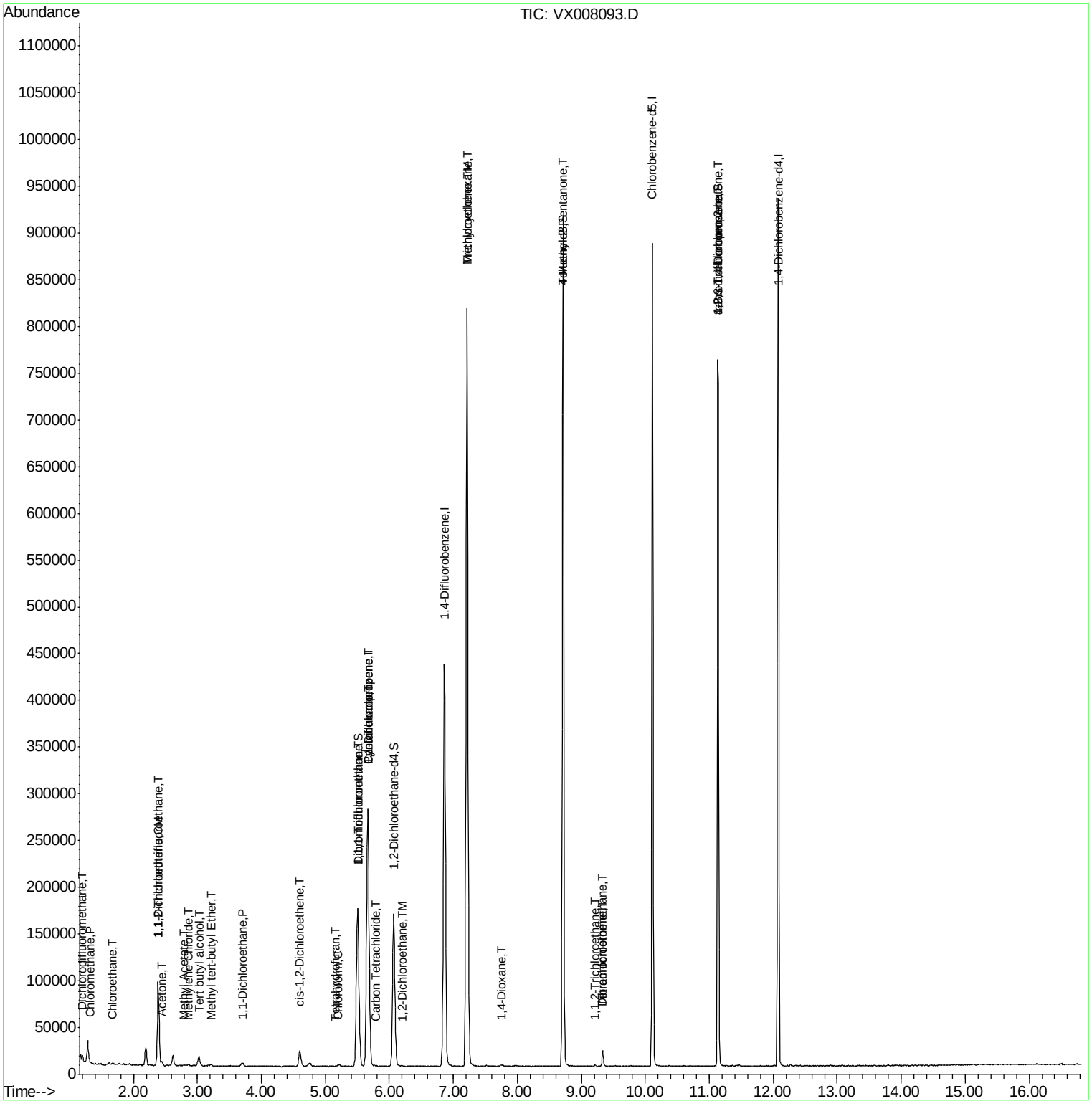
(#) = qualifier out of range (m) = manual integration (+) = signals summed

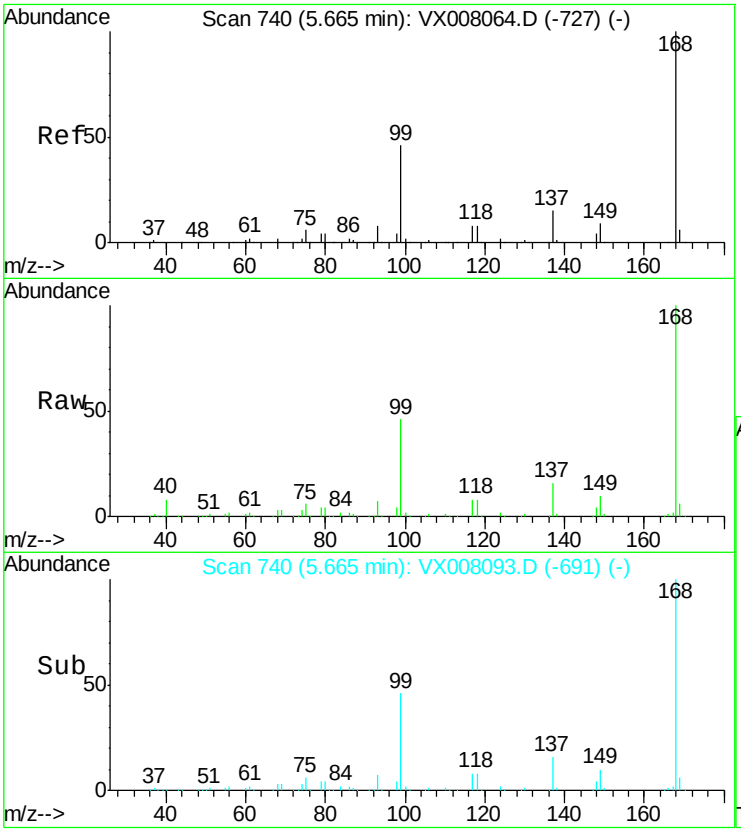
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008093.D
Acq On : 15 Mar 2019 02:00
Operator : JC/SP
Sample : K1839-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Quant Time: Mar 15 04:31:13 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



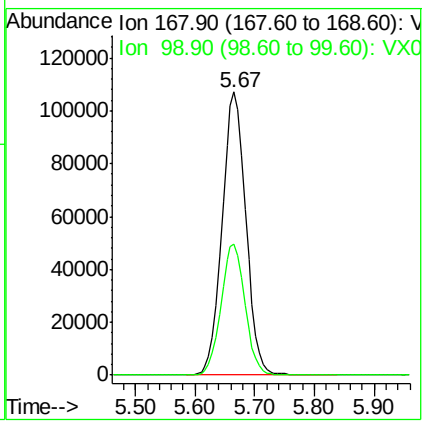


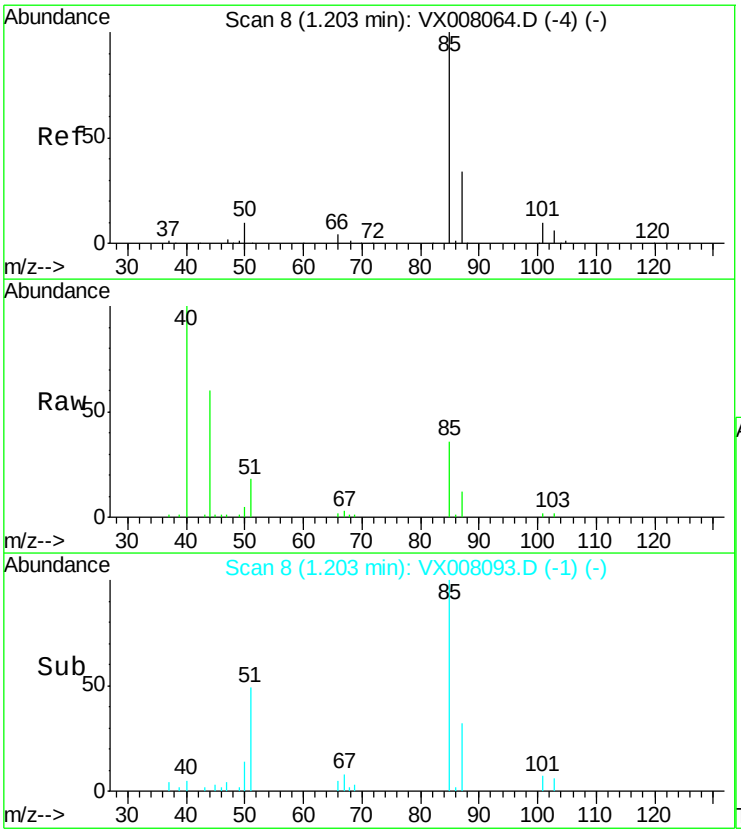
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Tgt Ion:168 Resp: 296866

Ion	Ratio	Lower	Upper
168	100		
99	46.5	37.6	56.4

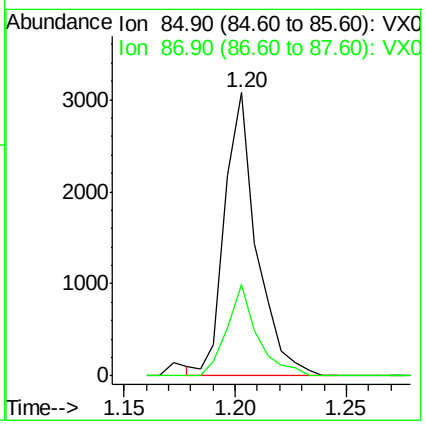


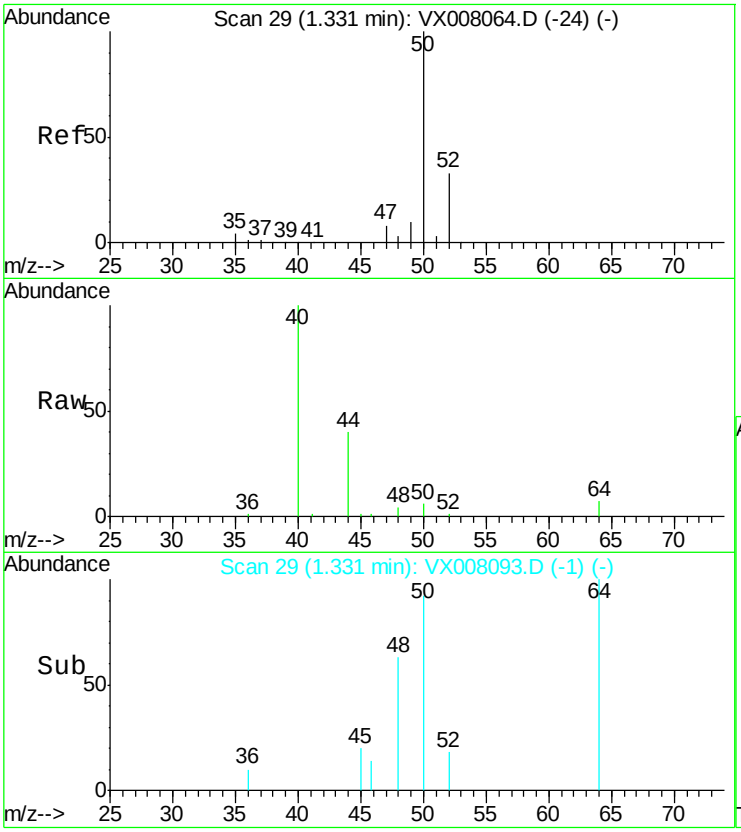


#2
Dichlorodifluoromethane
Concen: 1.289 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 85 Resp: 3064

Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.4	49.1



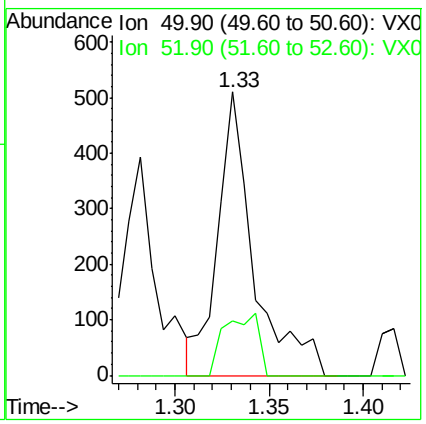


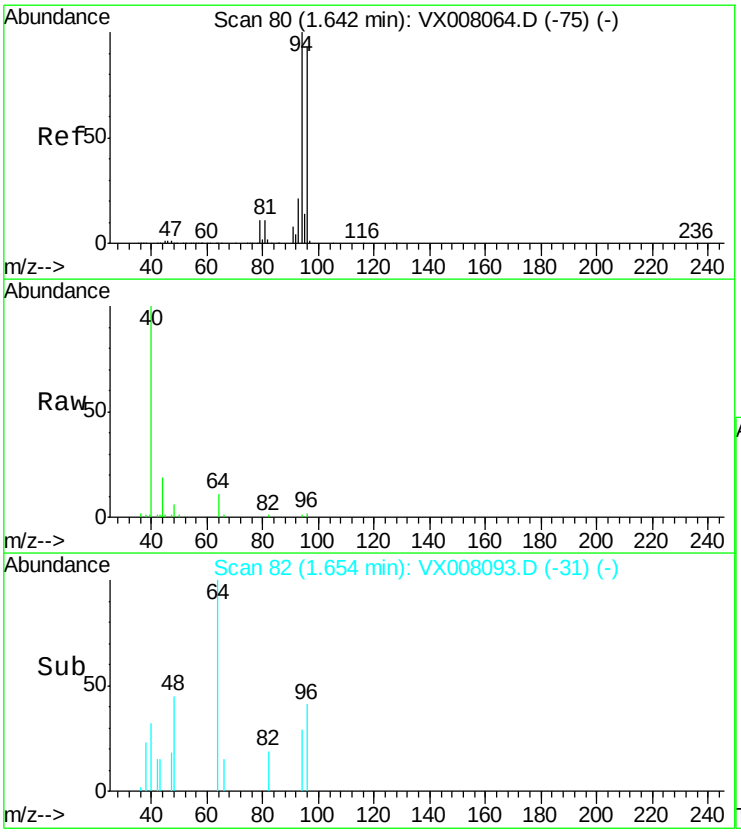
#3
Chloromethane
Concen: 0.242 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Tgt Ion: 50 Resp: 678

Ion	Ratio	Lower	Upper
50	100		
52	19.0	26.5	39.7#

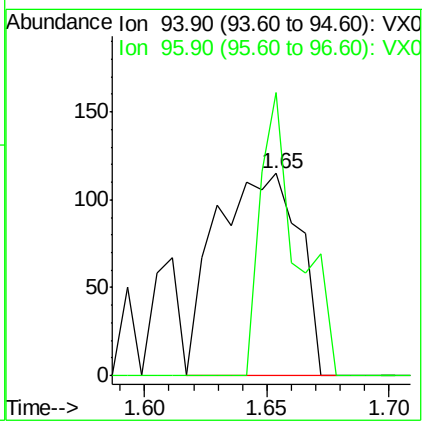


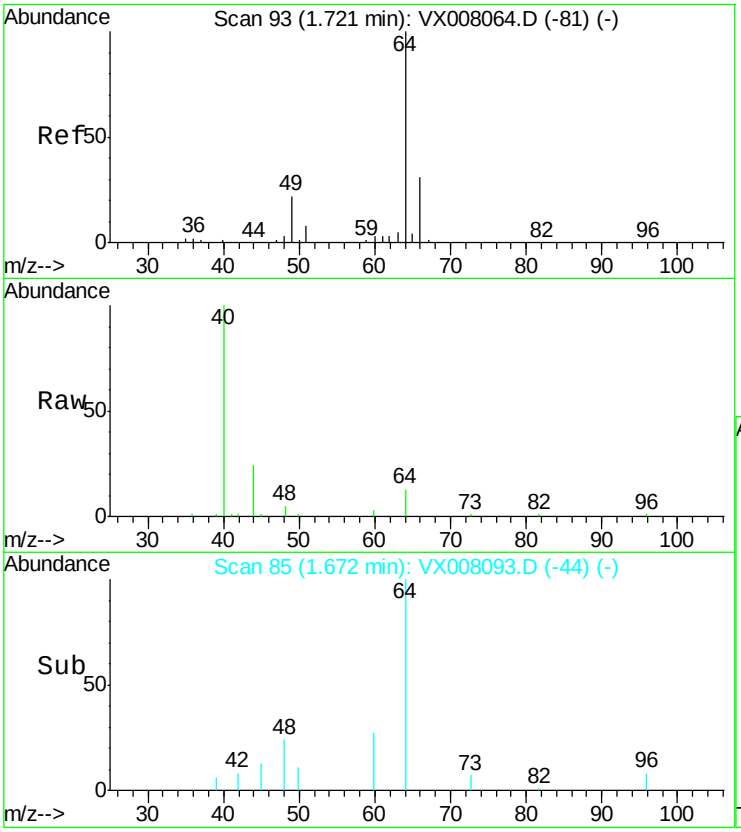


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 94 Resp: 274

Ion	Ratio	Lower	Upper
94	100		
96	140.0	75.5	113.3#



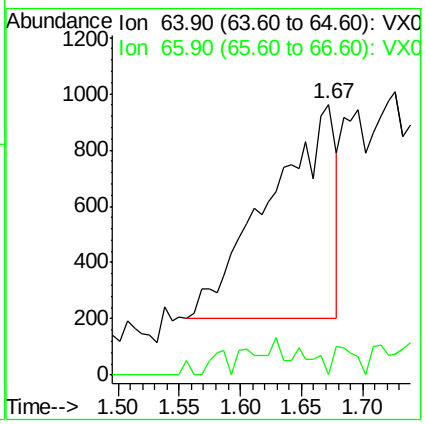


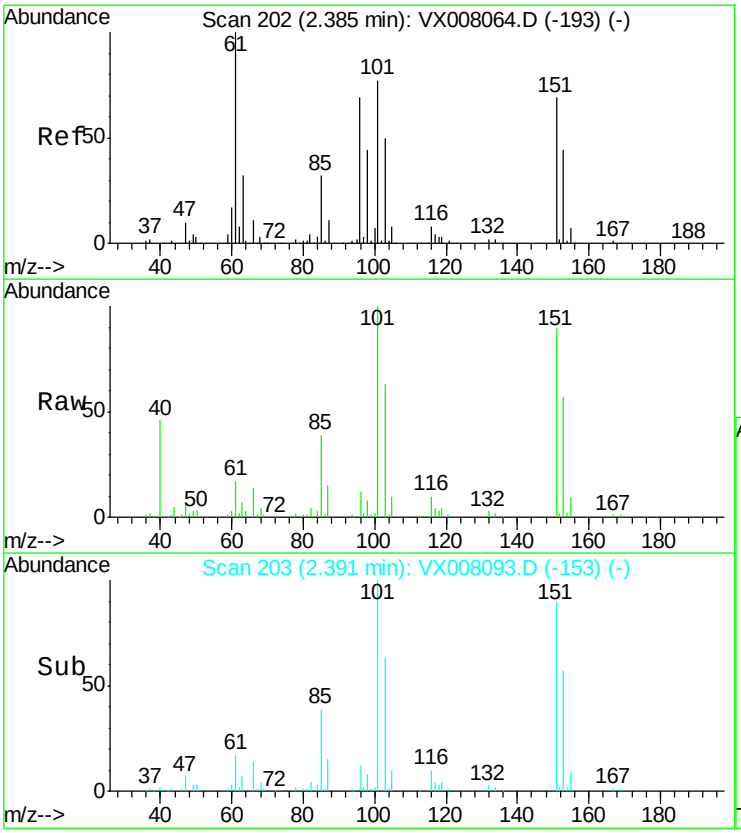
#6
Chloroethane
Concen: 1.294 ug/l
RT: 1.67 min Scan# 85
Delta R.T. -0.05 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Tgt Ion: 64 Resp: 2829

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#

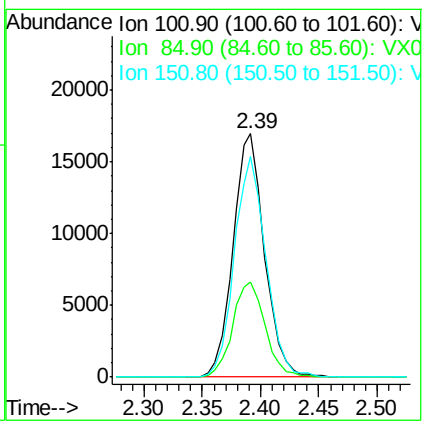


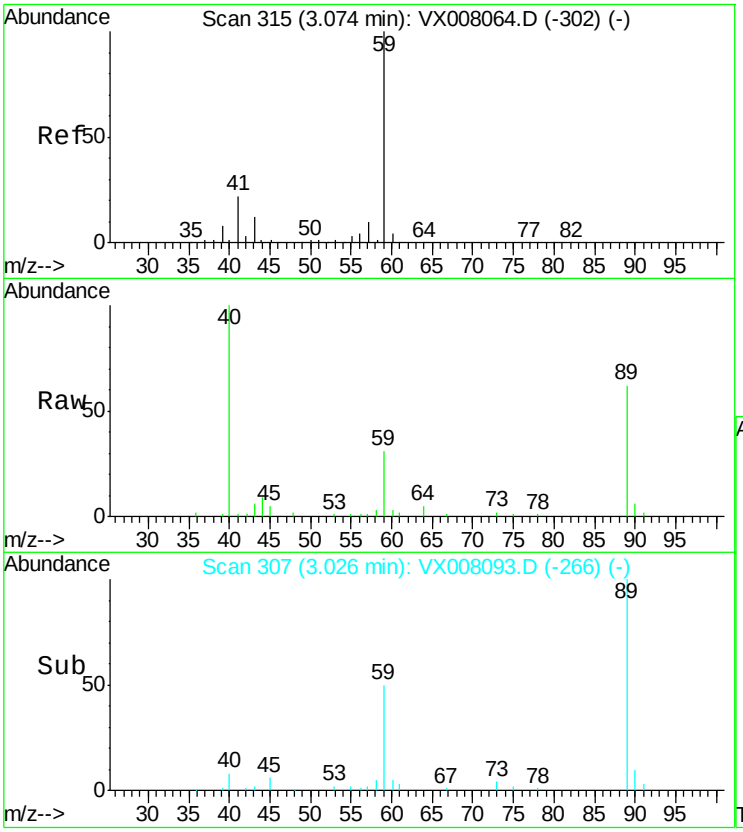


#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.254 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion:101 Resp: 31740

Ion	Ratio	Lower	Upper
101	100		
85	40.7	33.8	50.6
151	91.3	69.1	103.7



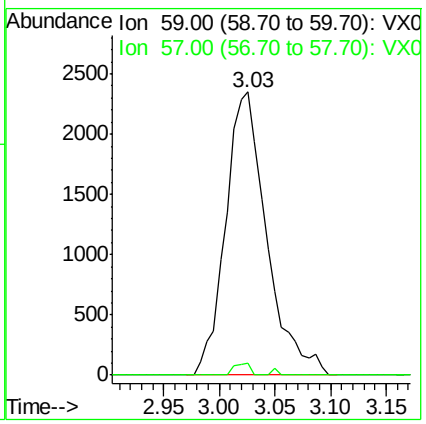


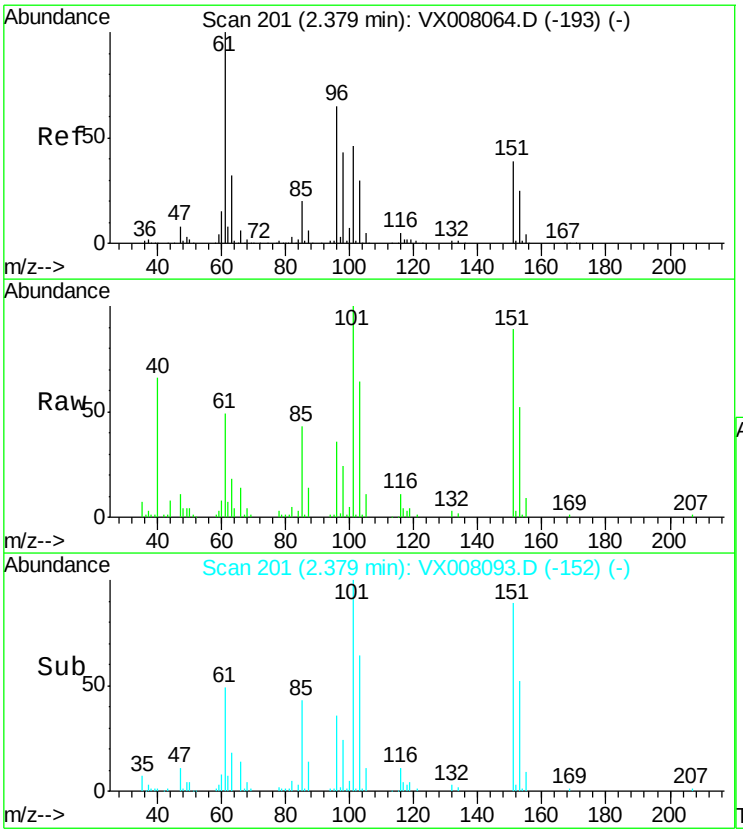
#11
Tert butyl alcohol
Concen: 10.423 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Tgt Ion: 59 Resp: 6030

Ion	Ratio	Lower	Upper
59	100		
57	1.6	8.2	12.2#

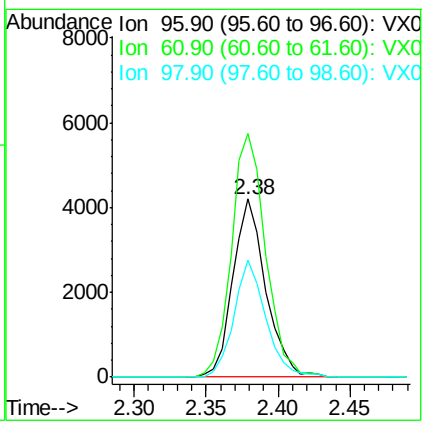


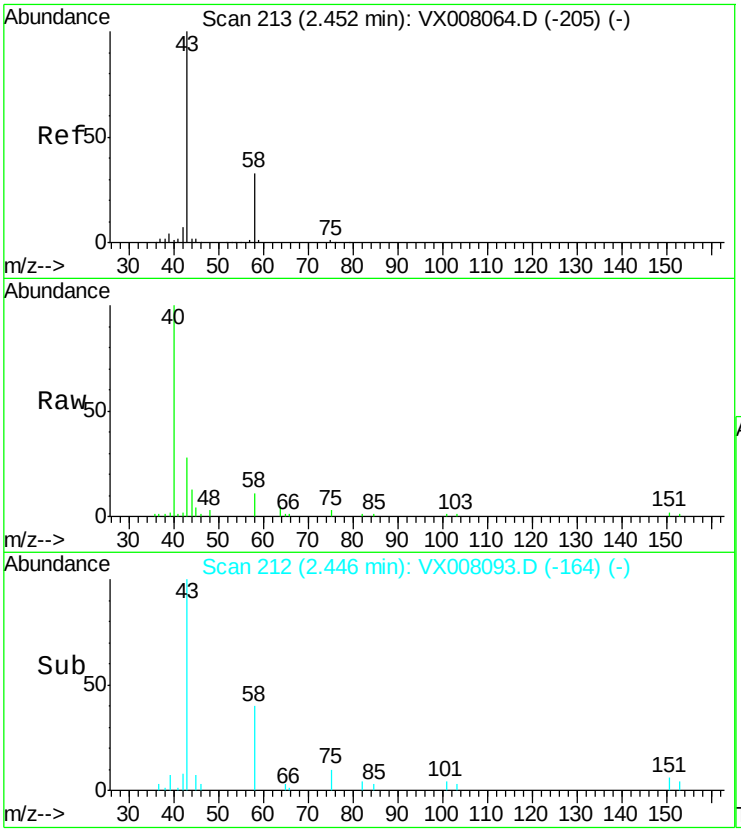


#12
1,1-Dichloroethene
Concen: 2.942 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 96 Resp: 6659

Ion	Ratio	Lower	Upper
96	100		
61	136.6	129.8	194.6
98	65.4	51.0	76.6



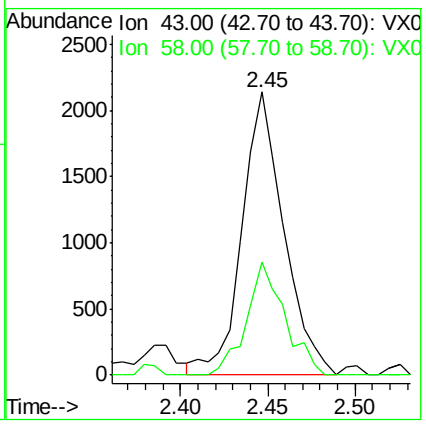


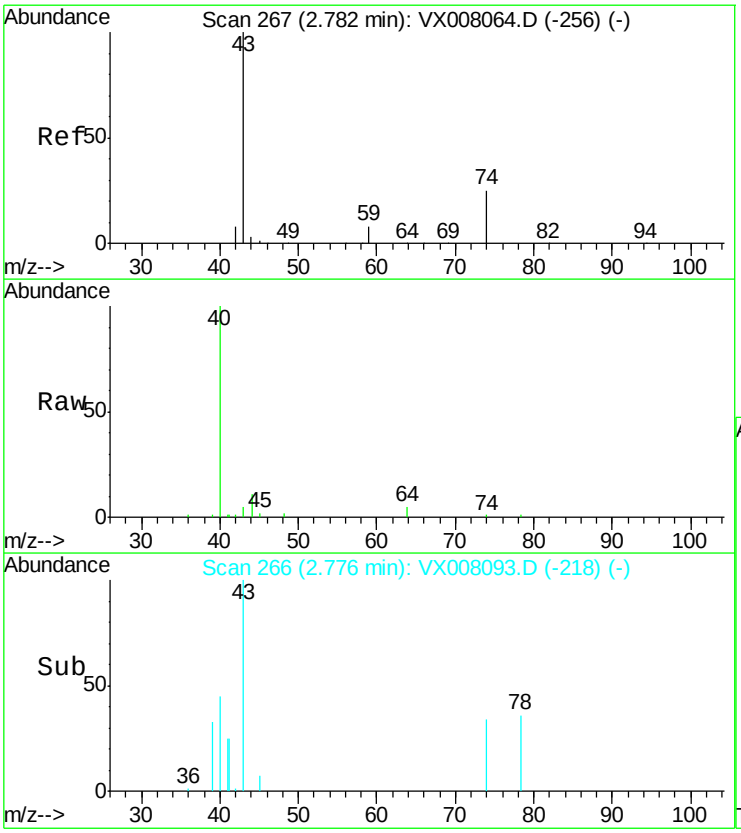
#16
Acetone
Concen: 2.536 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion: 43 Resp: 3585

Ion	Ratio	Lower	Upper
43	100		
58	40.0	25.5	38.3#

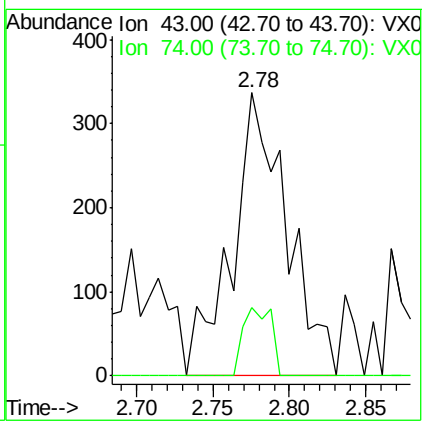


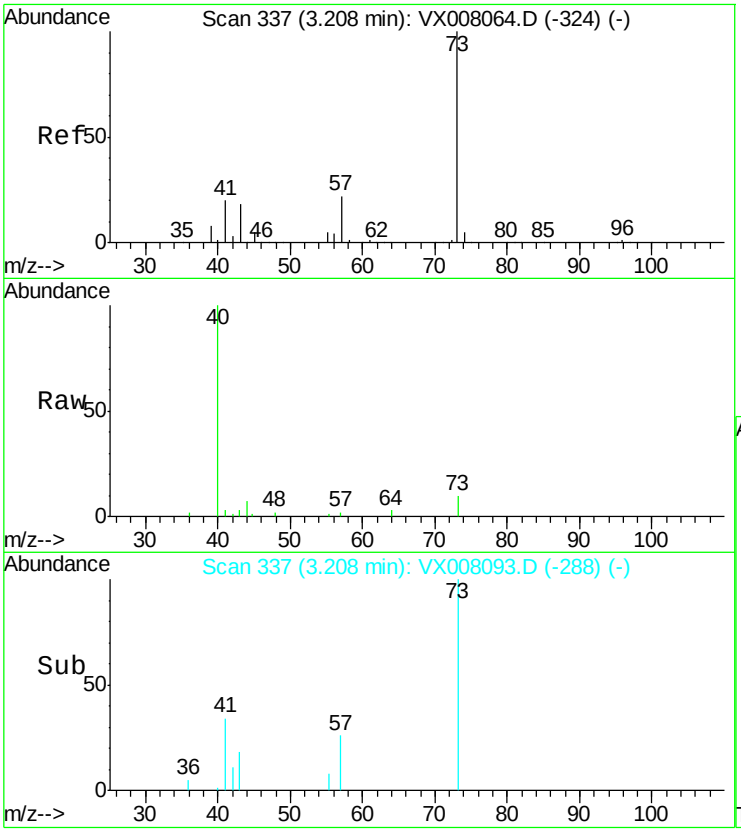


#18
Methyl Acetate
Concen: 0.274 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 43 Resp: 838

Ion	Ratio	Lower	Upper
43	100		
74	12.6	17.8	26.6#



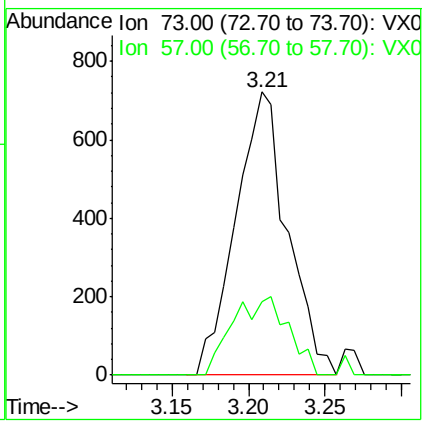


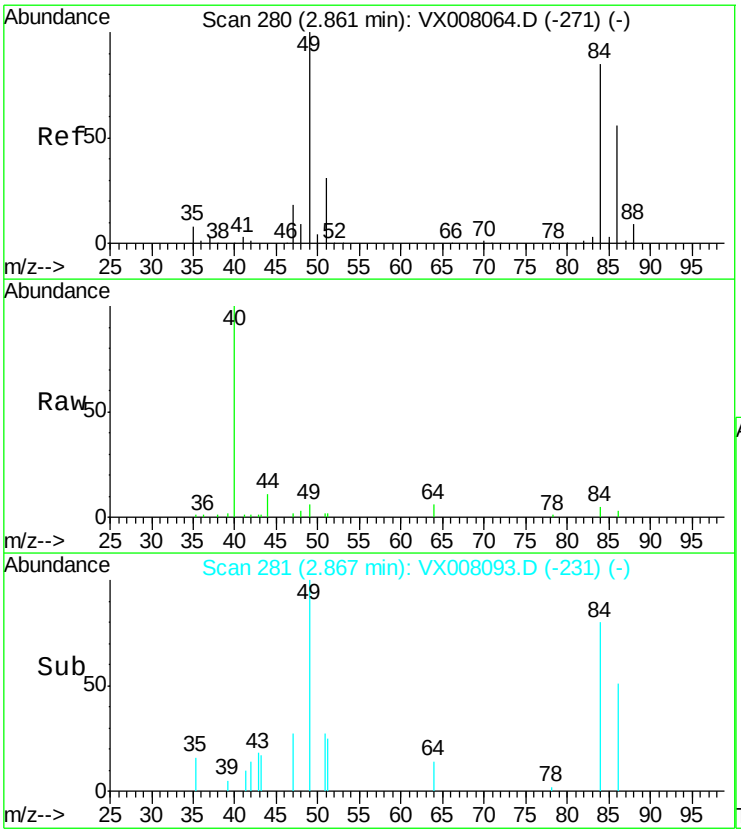
#19
Methyl tert-butyl Ether
Concen: 0.221 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Tgt Ion: 73 Resp: 1691

Ion	Ratio	Lower	Upper
73	100		
57	25.8	18.2	27.4

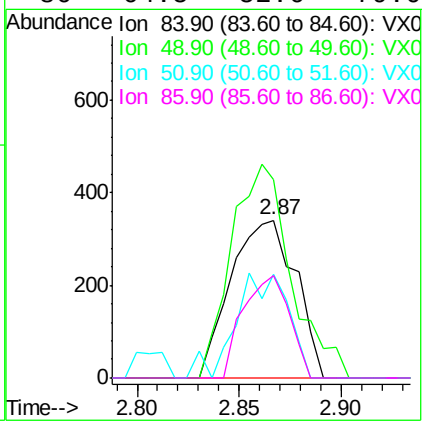


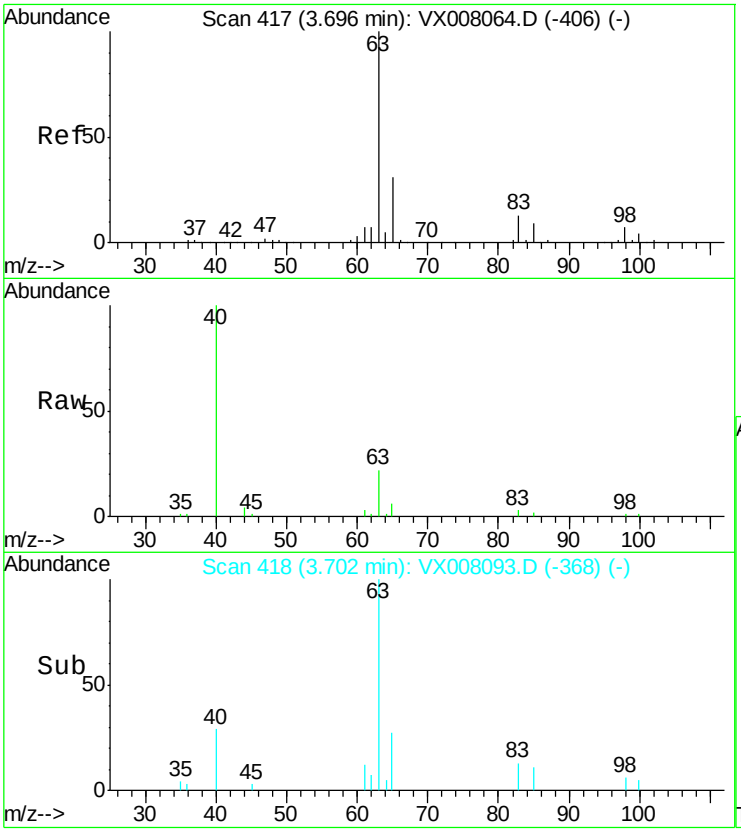


#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 84 Resp: 751

Ion	Ratio	Lower	Upper
84	100		
49	125.5	99.3	148.9
51	65.4	31.3	46.9#
86	64.5	52.6	79.0



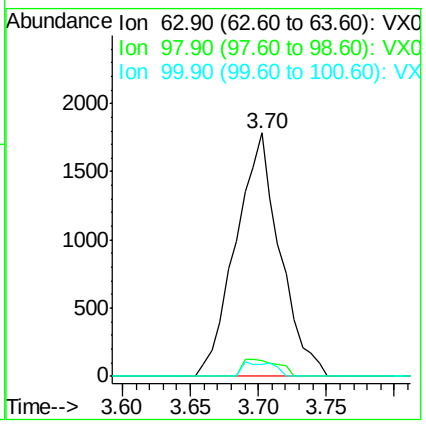


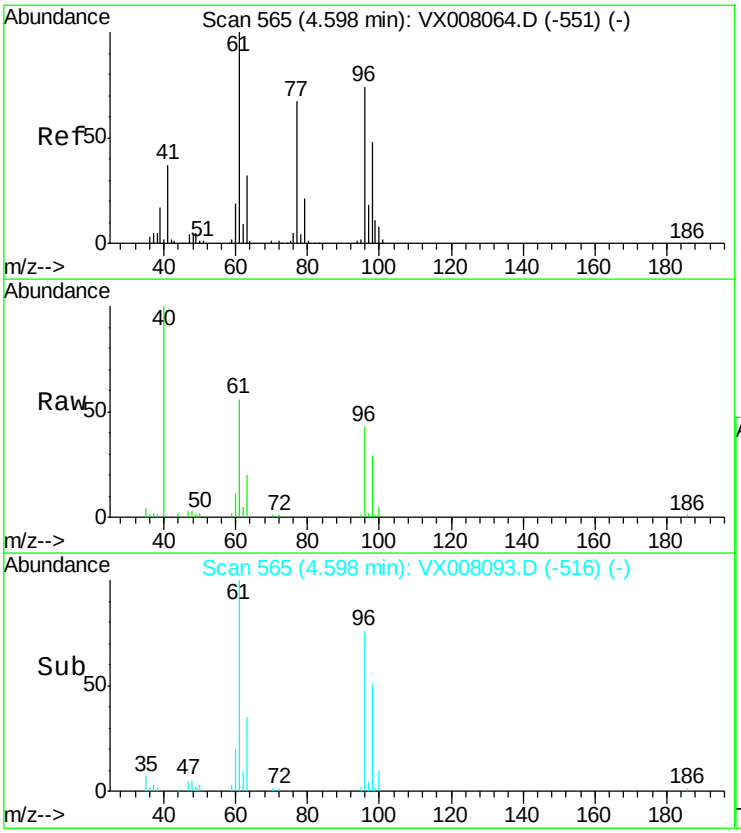
#24
1,1-Dichloroethane
Concen: 0.900 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion: 63 Resp: 4041

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.3	9.8
100	5.0	2.3	6.8

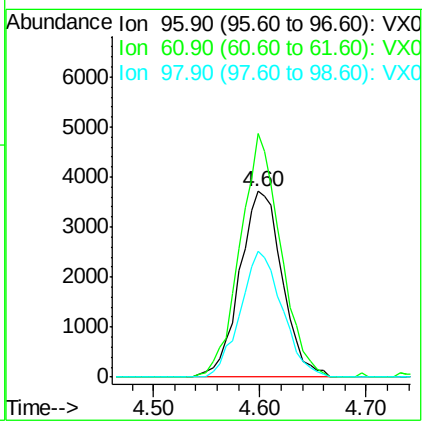


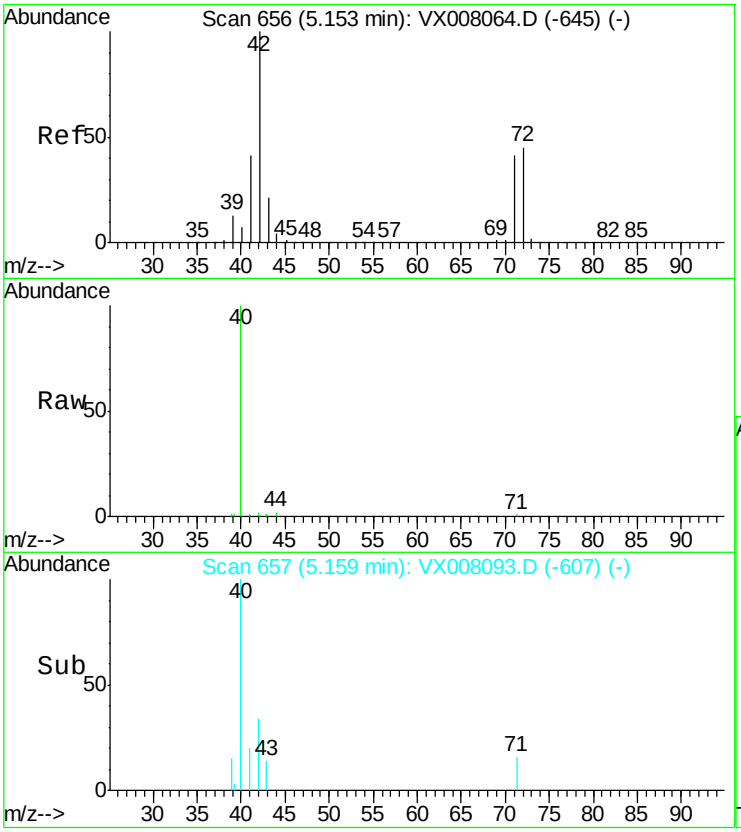


#27
cis-1,2-Dichloroethene
Concen: 3.594 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 96 Resp: 10419

Ion	Ratio	Lower	Upper
96	100		
61	124.2	0.0	288.0
98	66.3	0.0	129.0



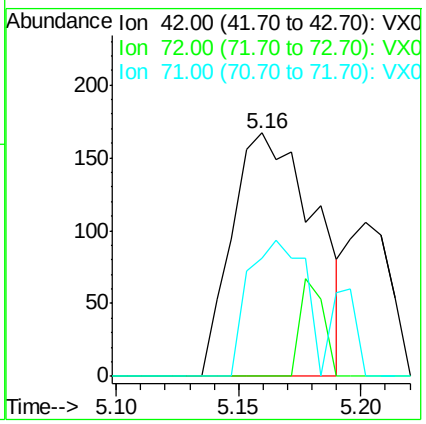


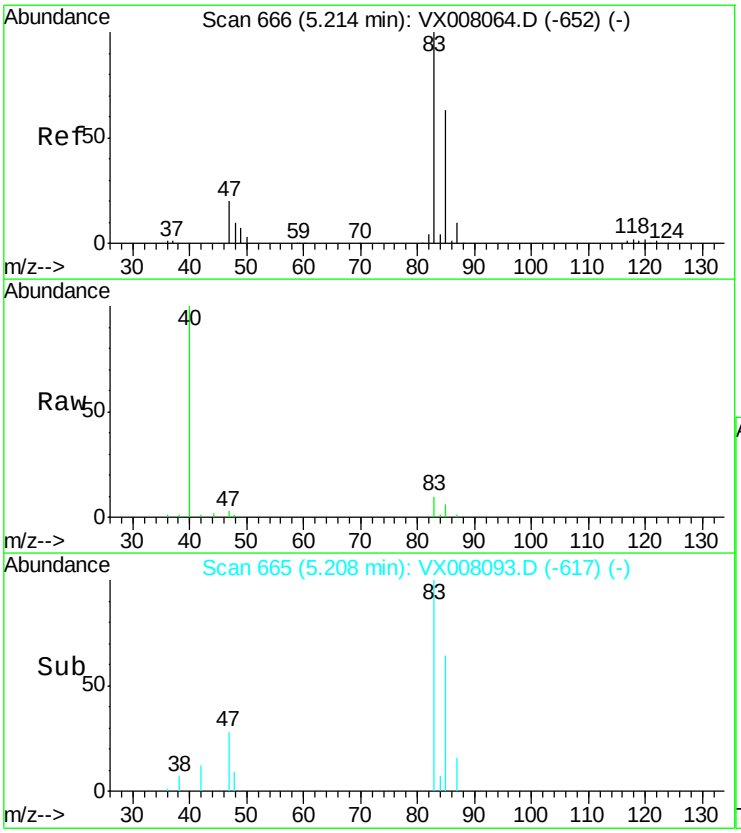
#29
Tetrahydrofuran
Concen: 0.291 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Tgt Ion: 42 Resp: 394

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	37.8	31.5	47.3

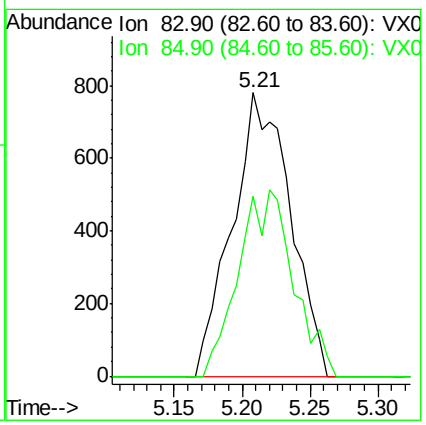


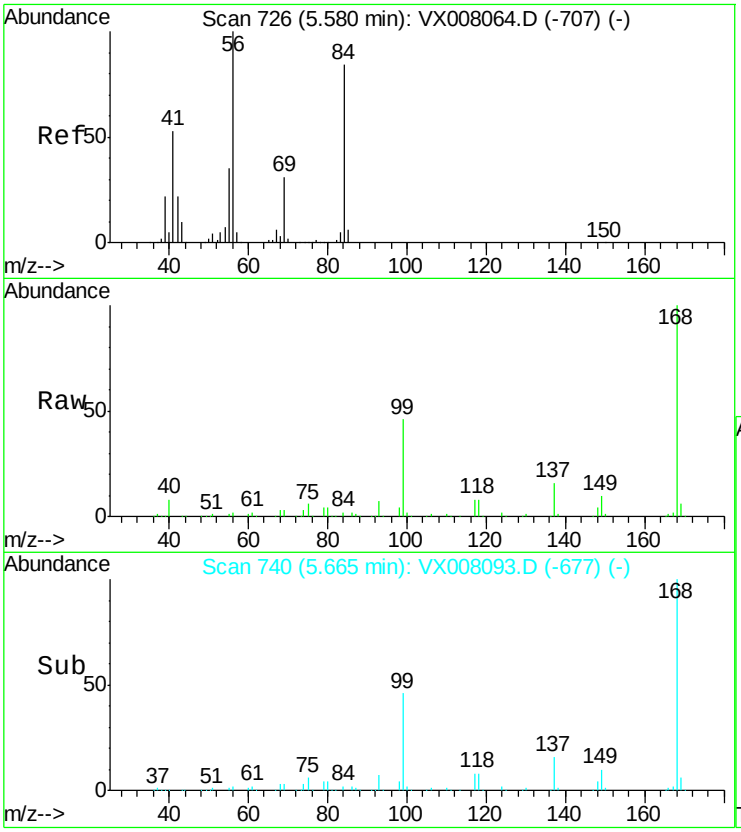


#30
Chloroform
Concen: 0.512 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 83 Resp: 2327

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.6



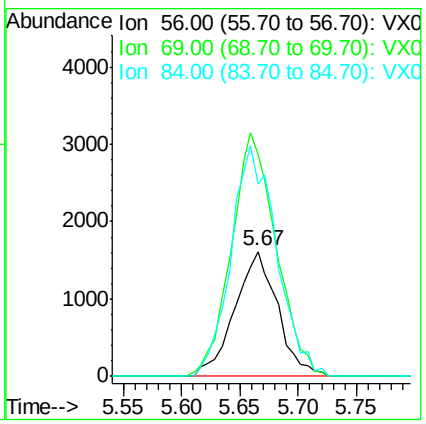


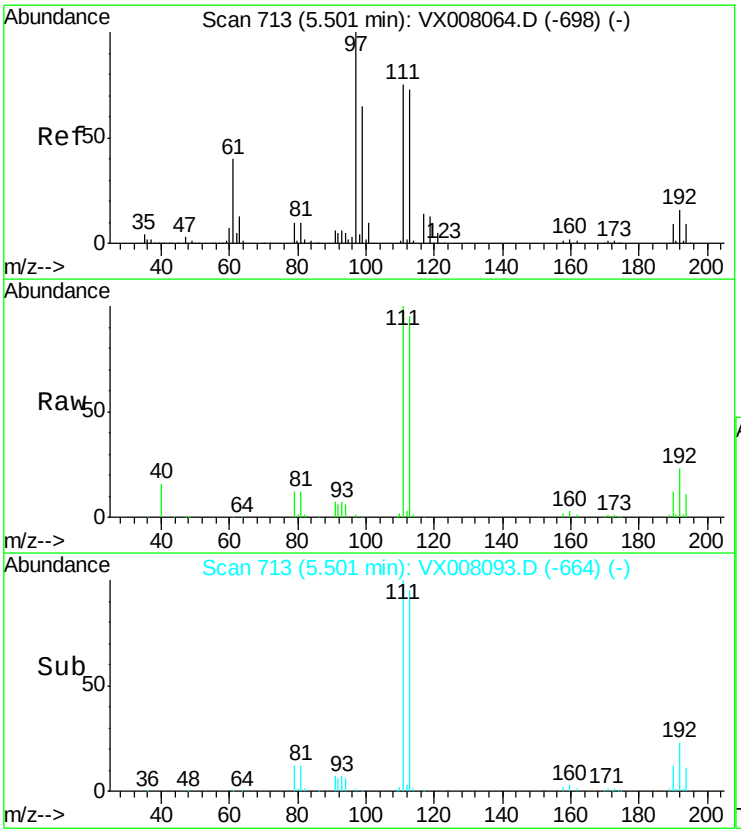
#31
Cyclohexane
Concen: 0.965 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion: 56 Resp: 4133

Ion	Ratio	Lower	Upper
56	100		
69	177.4	24.0	36.0#
84	153.9	65.3	97.9#

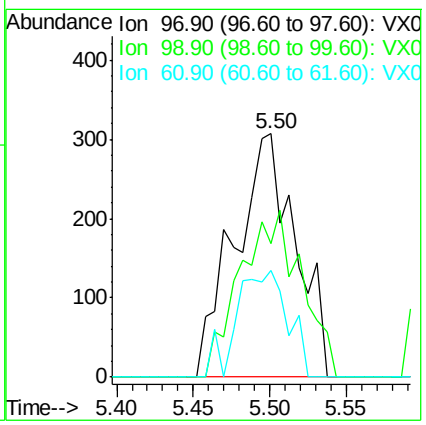


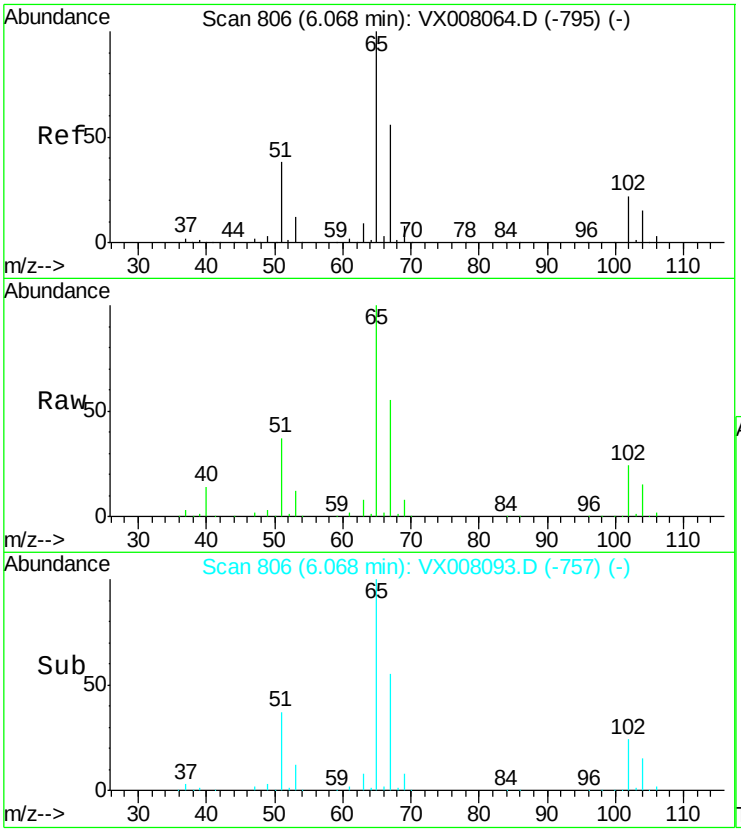


#32
1,1,1-Trichloroethane
Concen: 0.221 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 97 Resp: 847

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.2#
61	37.2	34.9	52.3



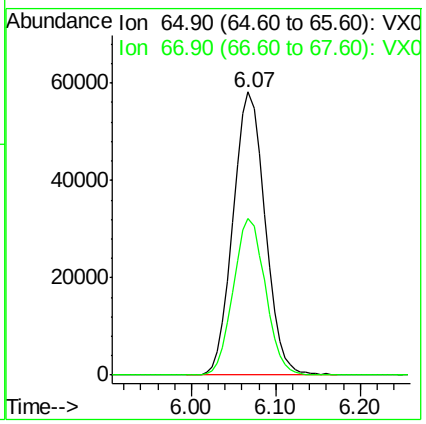


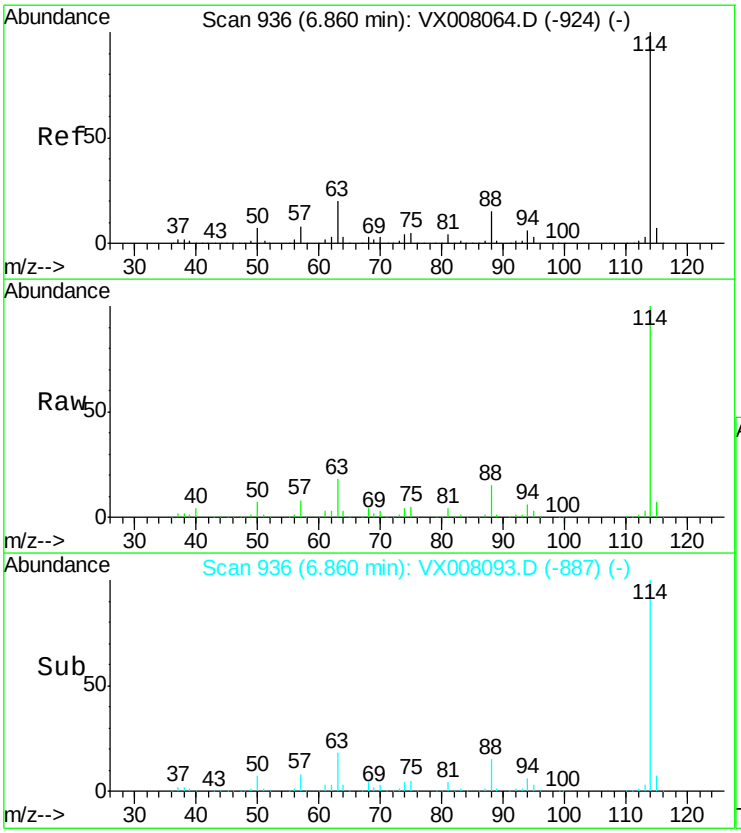
#33
1,2-Dichloroethane-d4
Concen: 49.961 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Tgt Ion: 65 Resp: 149614

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.0

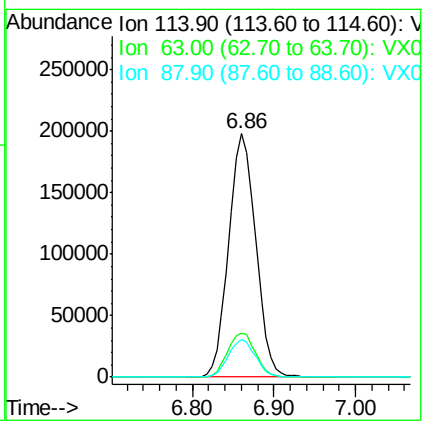


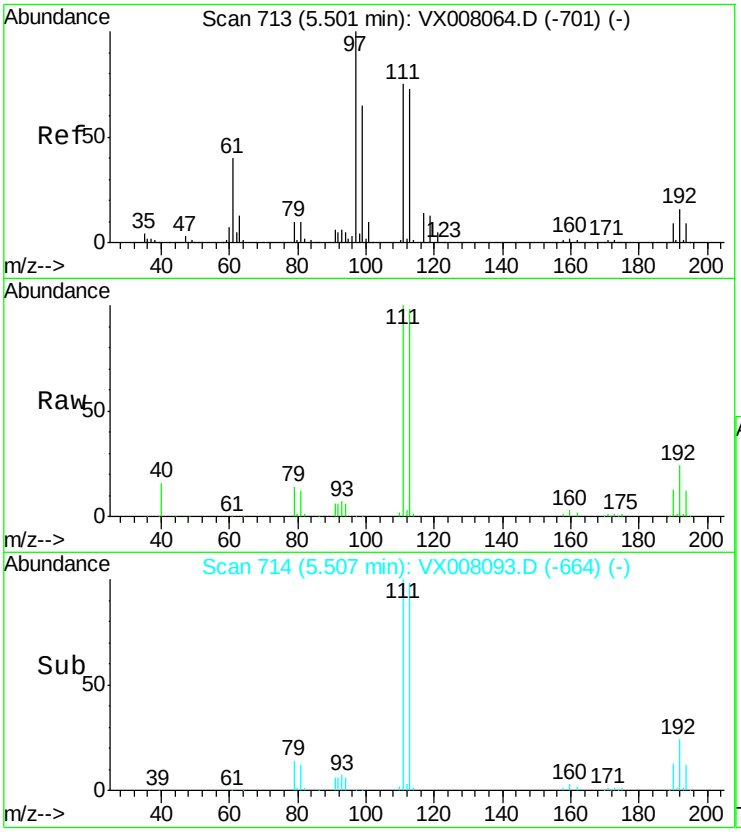


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion:114 Resp: 453127

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	39.8
88	15.3	0.0	31.4



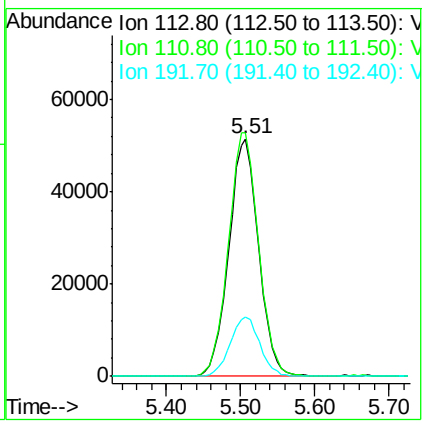


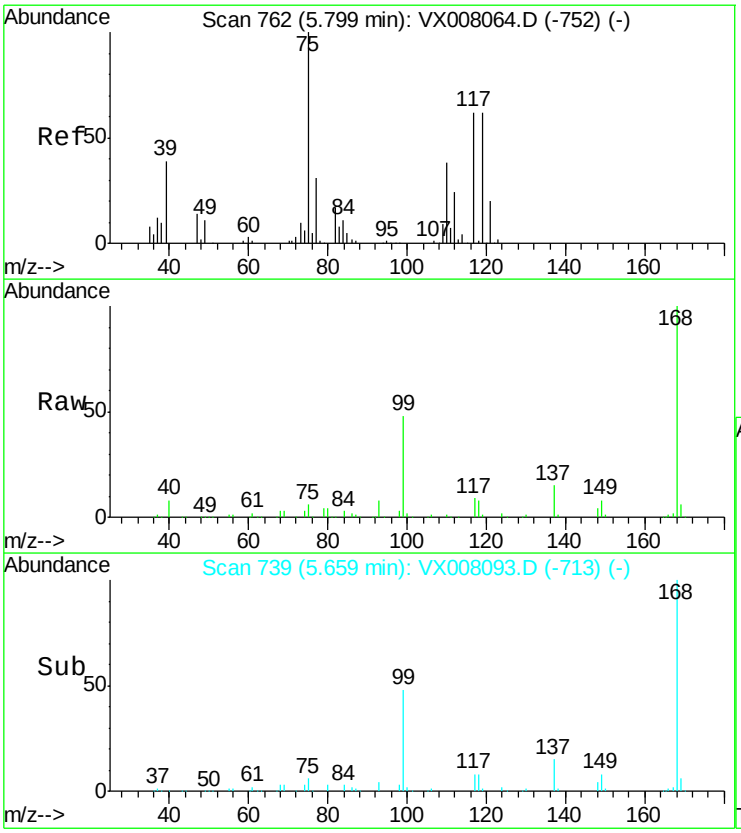
#35
Dibromofluoromethane
Concen: 50.160 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion:113 Resp: 144134

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.0
192	25.0	19.4	29.0

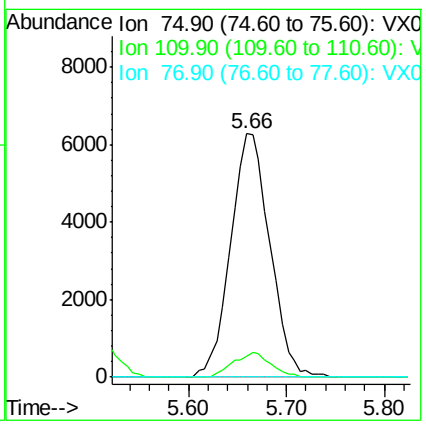


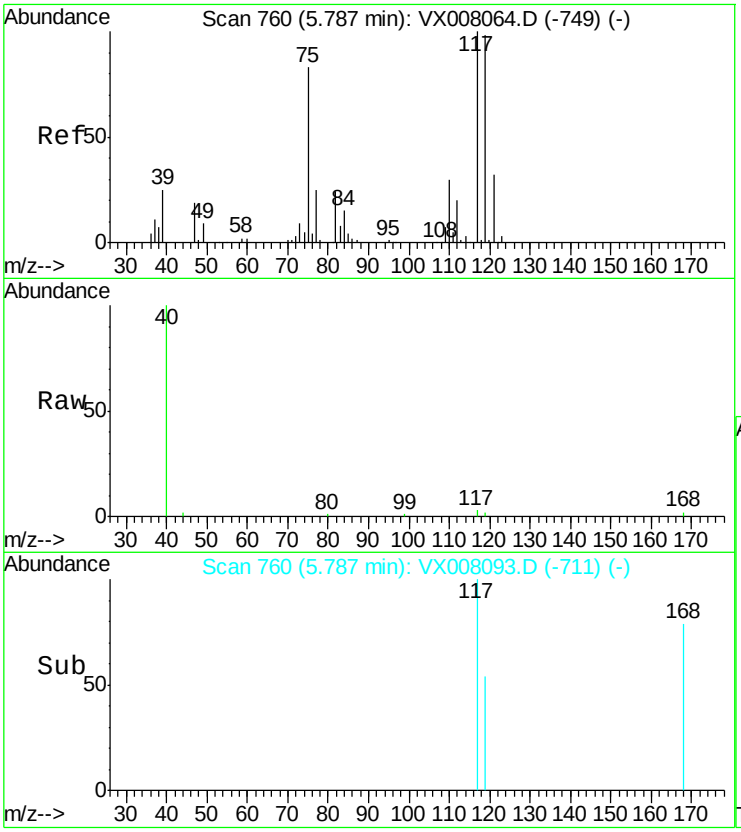


#36
1,1-Dichloropropene
Concen: 4.680 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 75 Resp: 17445

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.4	55.0#
77	0.0	25.0	37.4#



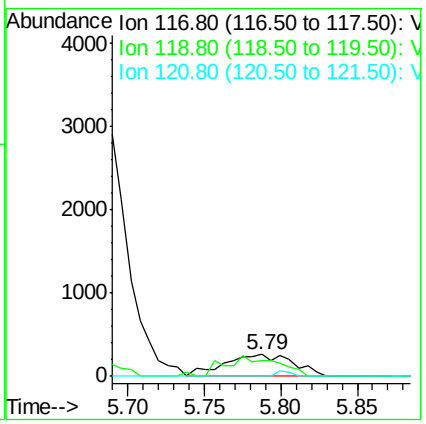


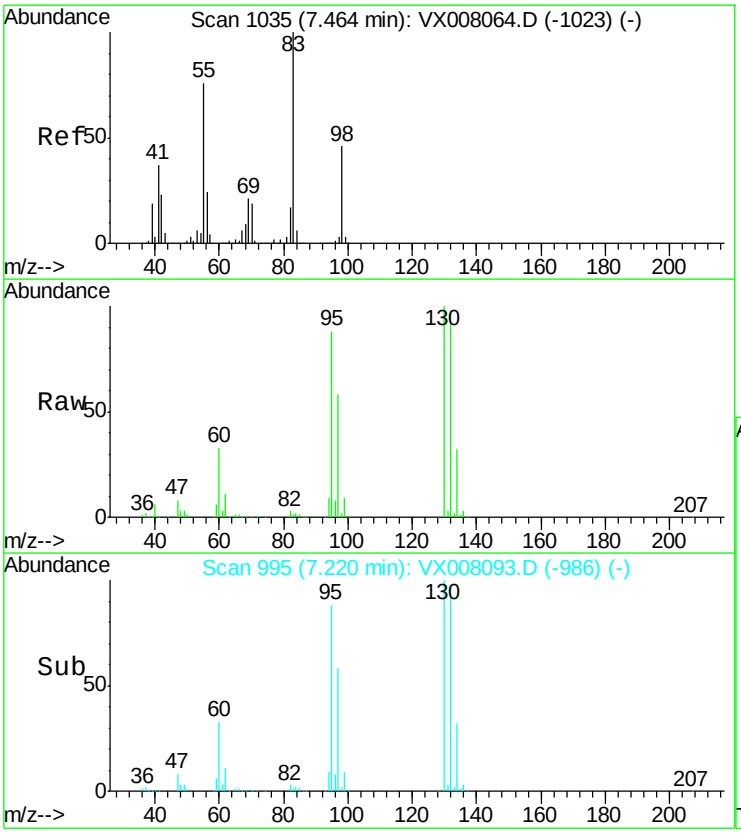
#38
Carbon Tetrachloride
Concen: 0.229 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion:117 Resp: 821

Ion	Ratio	Lower	Upper
117	100		
119	74.9	76.2	114.2#
121	0.0	24.6	36.8#

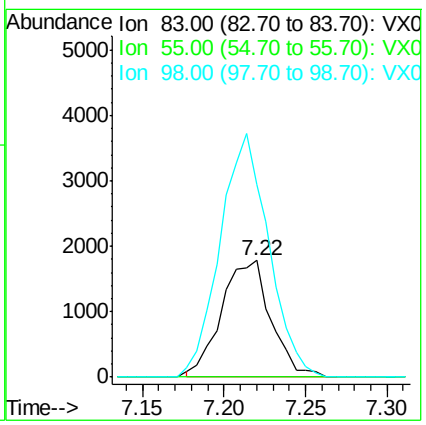


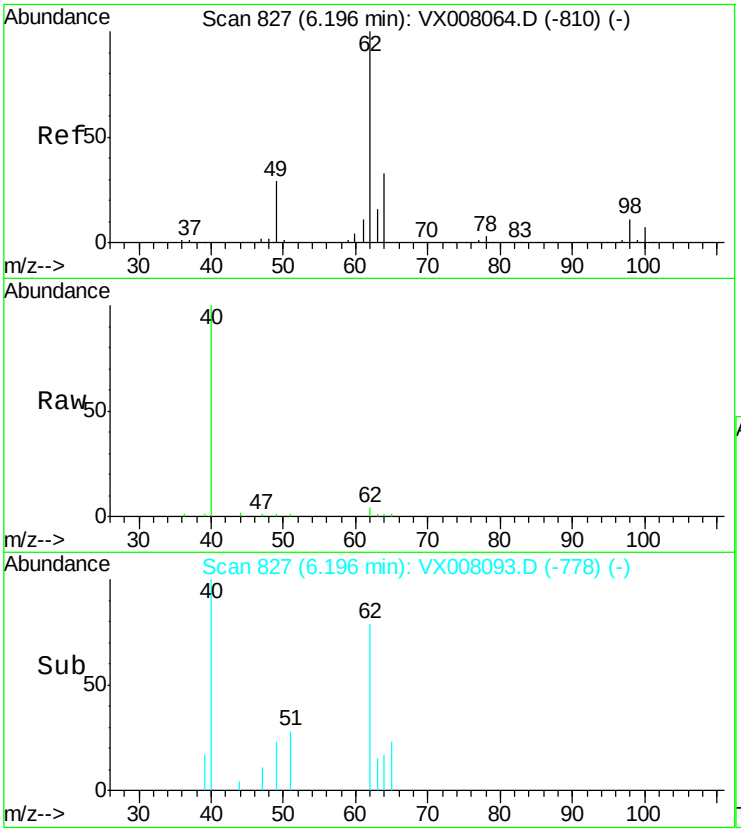


#39
Methylcyclohexane
Concen: 0.789 ug/l
RT: 7.22 min Scan# 995
Delta R.T. -0.24 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 83 Resp: 3758

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	165.1	36.5	54.7#



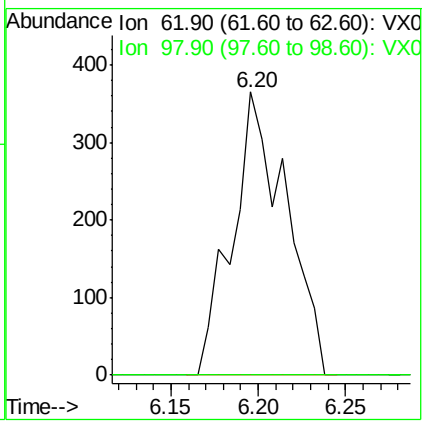


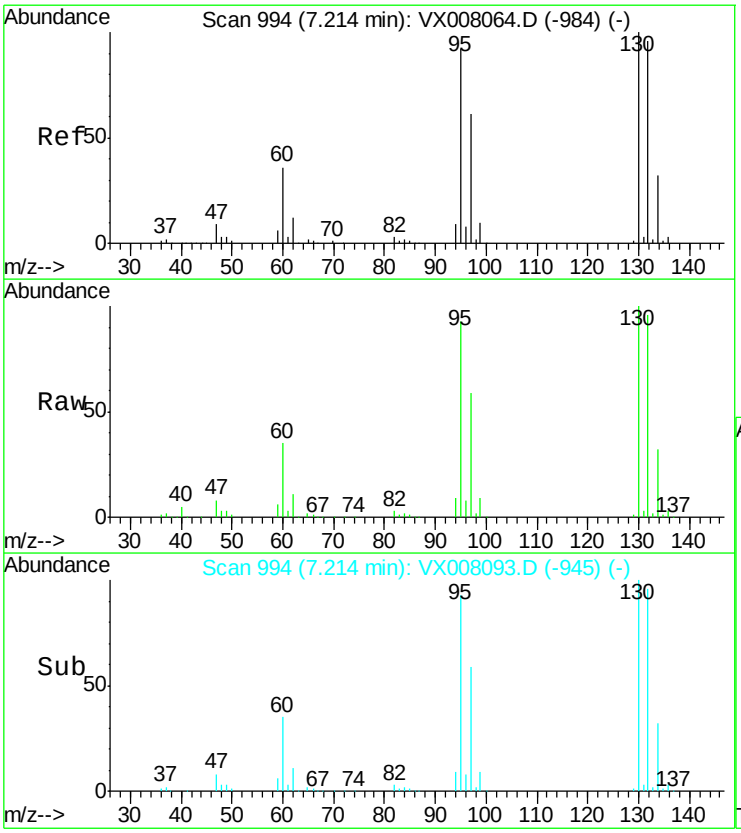
#42
1,2-Dichloroethane
Concen: 0.213 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion: 62 Resp: 779

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.4

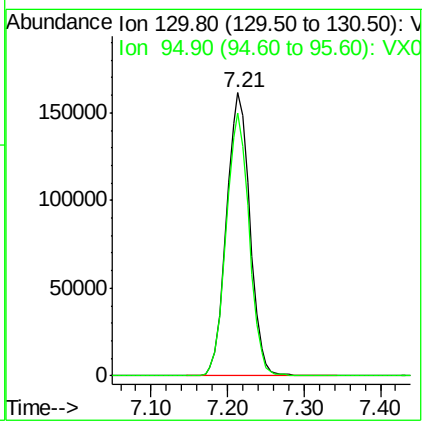


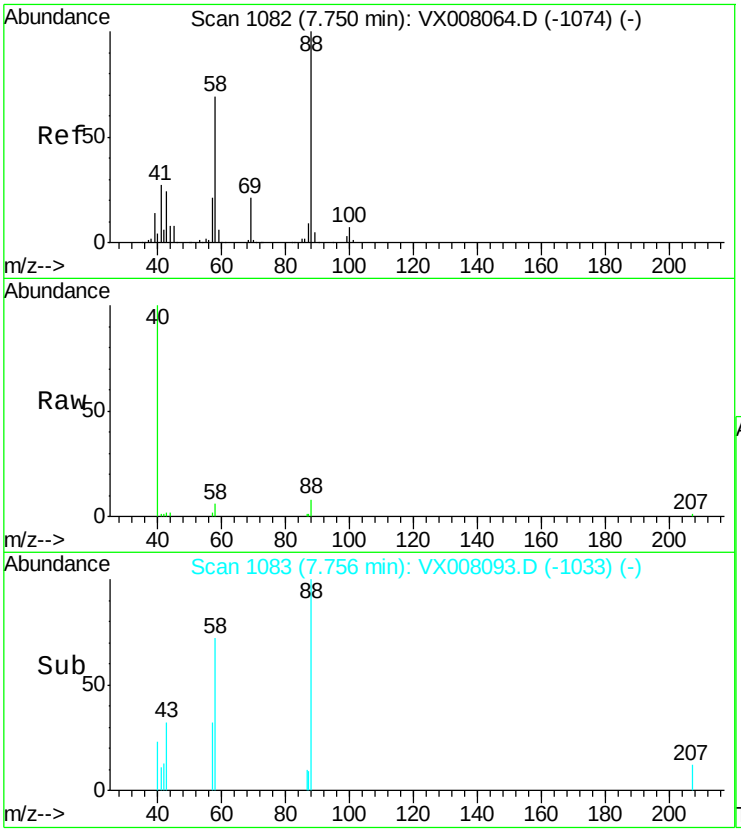


#44
Trichloroethene
Concen: 103.183 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion:130 Resp: 340075

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	188.0



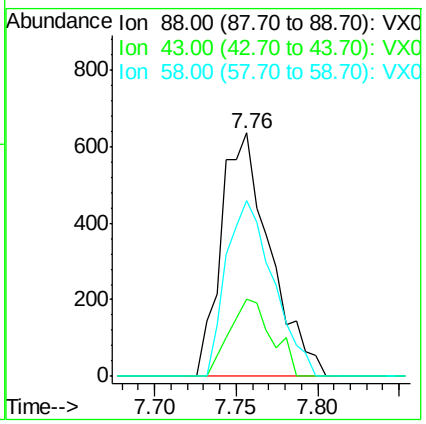


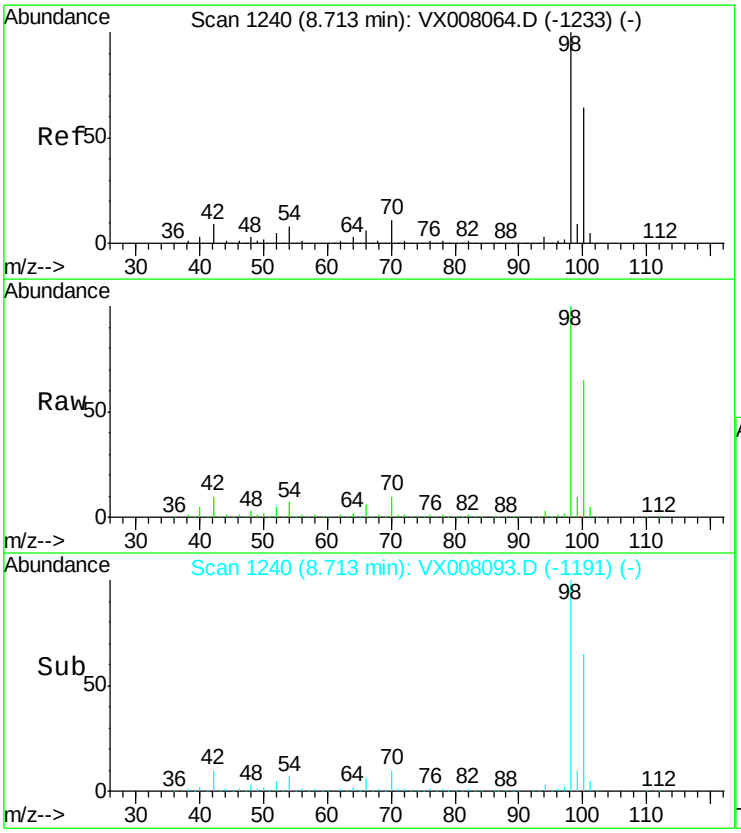
#49
1,4-Dioxane
Concen: 18.244 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion: 88 Resp: 1326

Ion	Ratio	Lower	Upper
88	100		
43	27.5	25.1	37.7
58	69.5	57.8	86.6

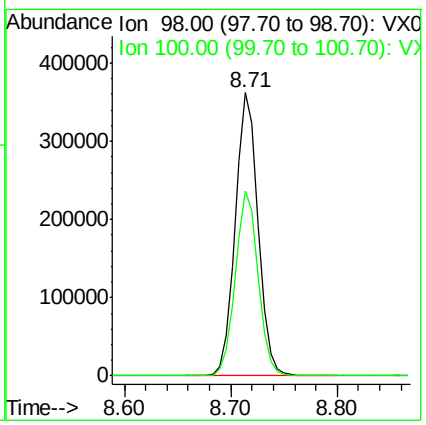


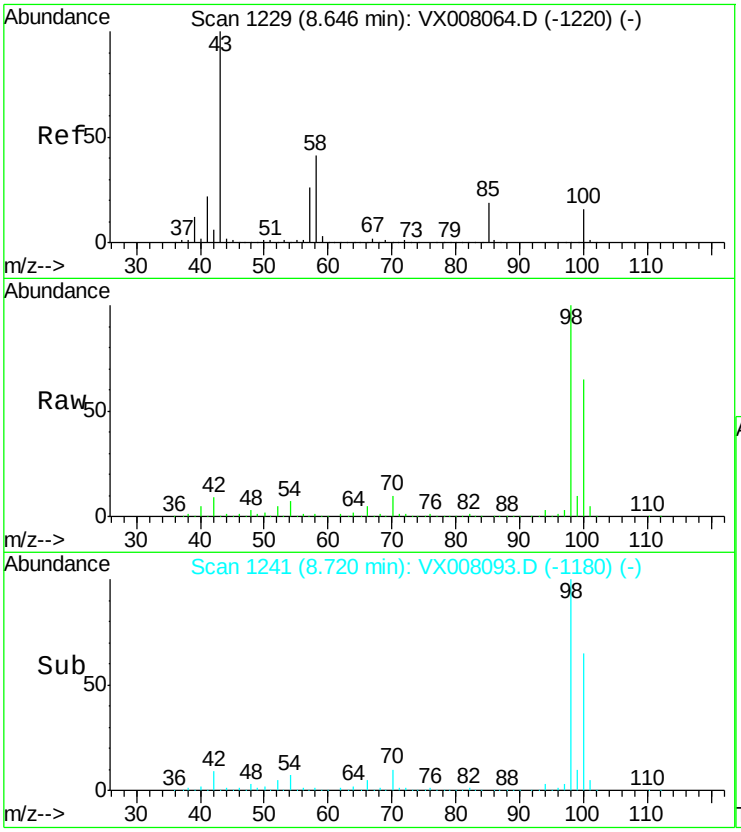


#50
Toluene-d8
Concen: 49.857 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 98 Resp: 544877

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5



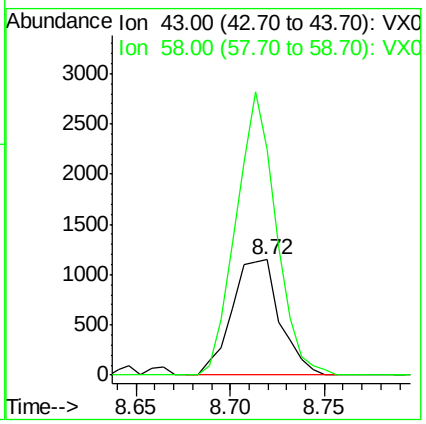


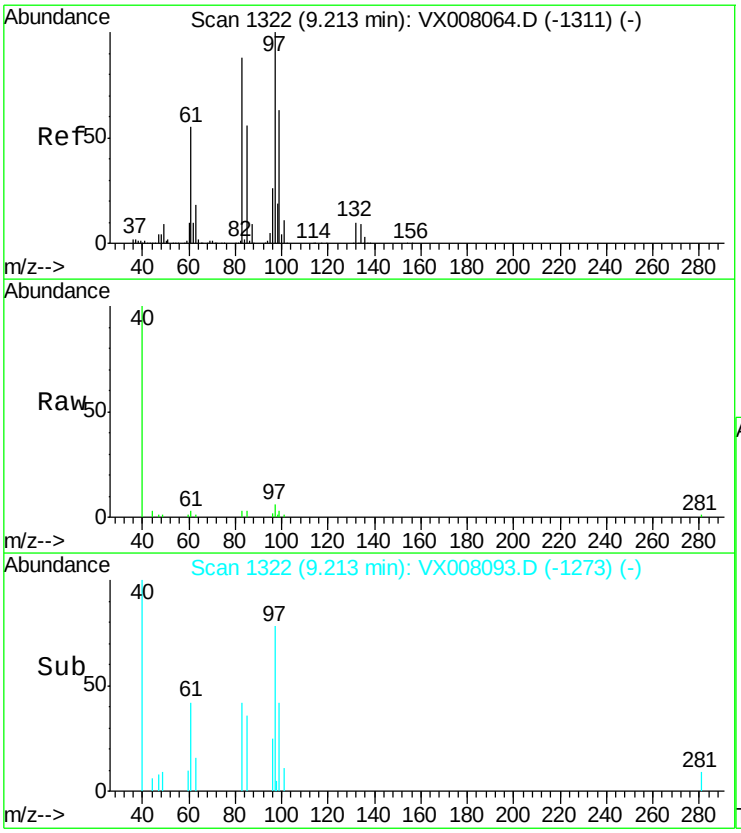
#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.07 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion: 43 Resp: 2025

Ion	Ratio	Lower	Upper
43	100		
58	204.6	31.3	46.9#

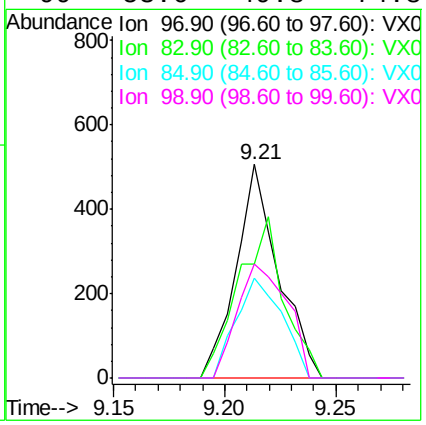


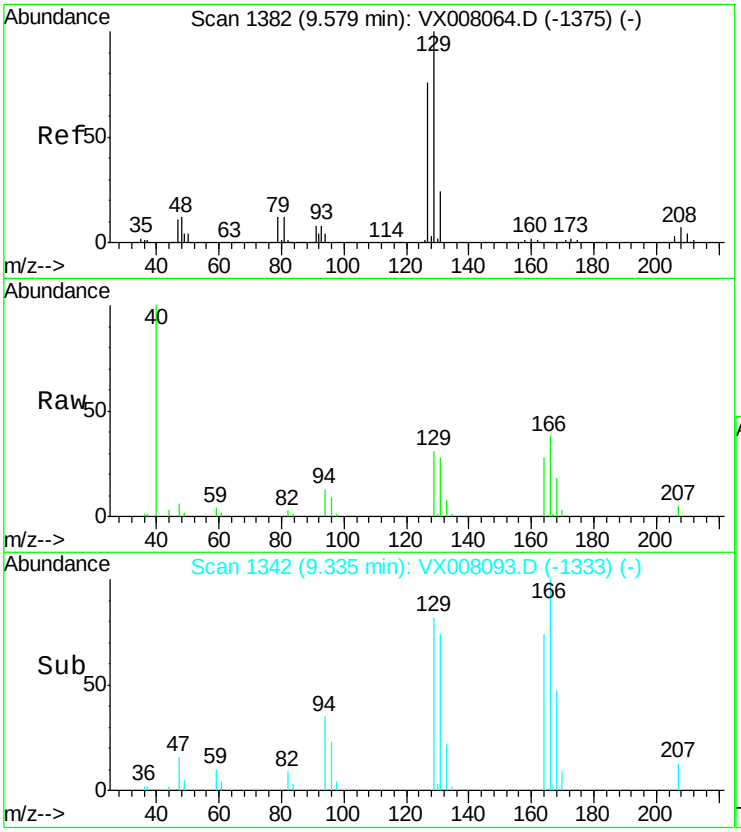


#55
1,1,2-Trichloroethane
Concen: 0.227 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 97 Resp: 670

Ion	Ratio	Lower	Upper
97	100		
83	53.6	69.1	103.7#
85	46.8	44.3	66.5
99	53.6	49.8	74.8



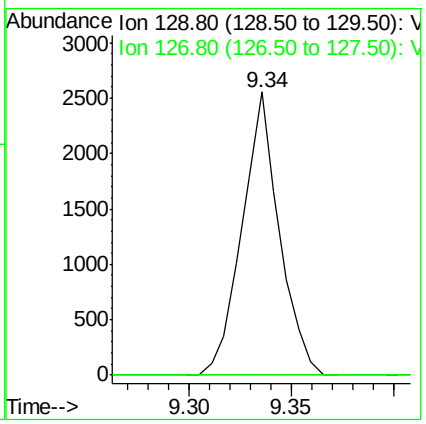


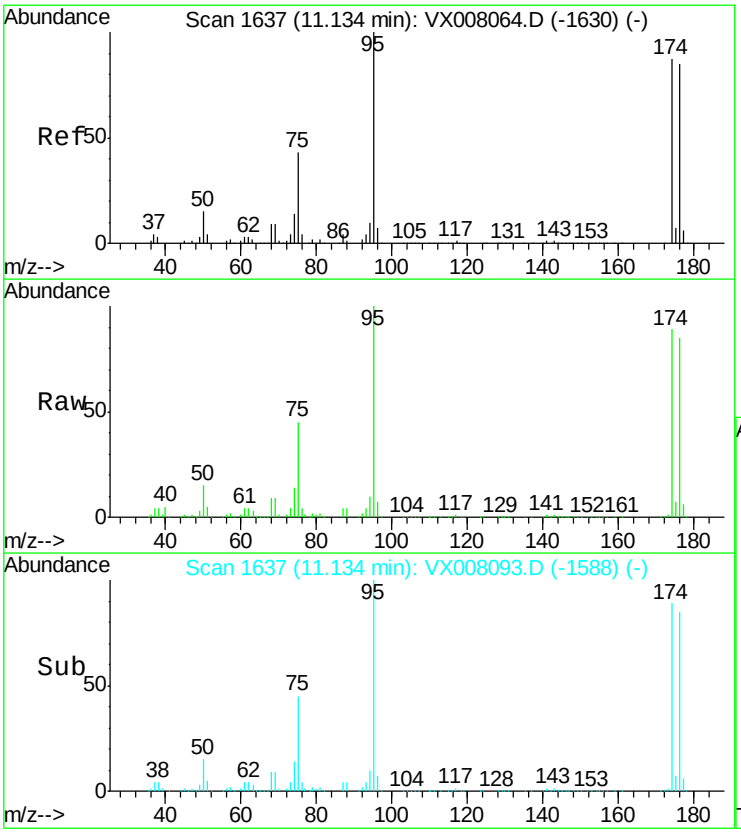
#60
Dibromochloromethane
Concen: 1.062 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion:129 Resp: 3235

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#

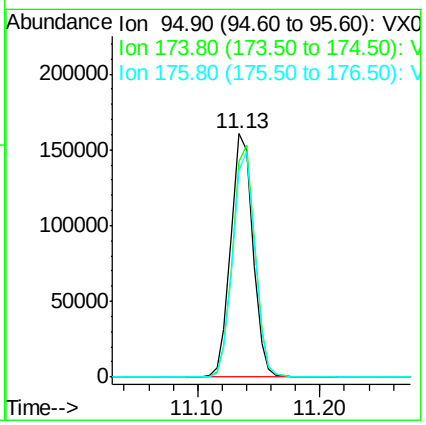


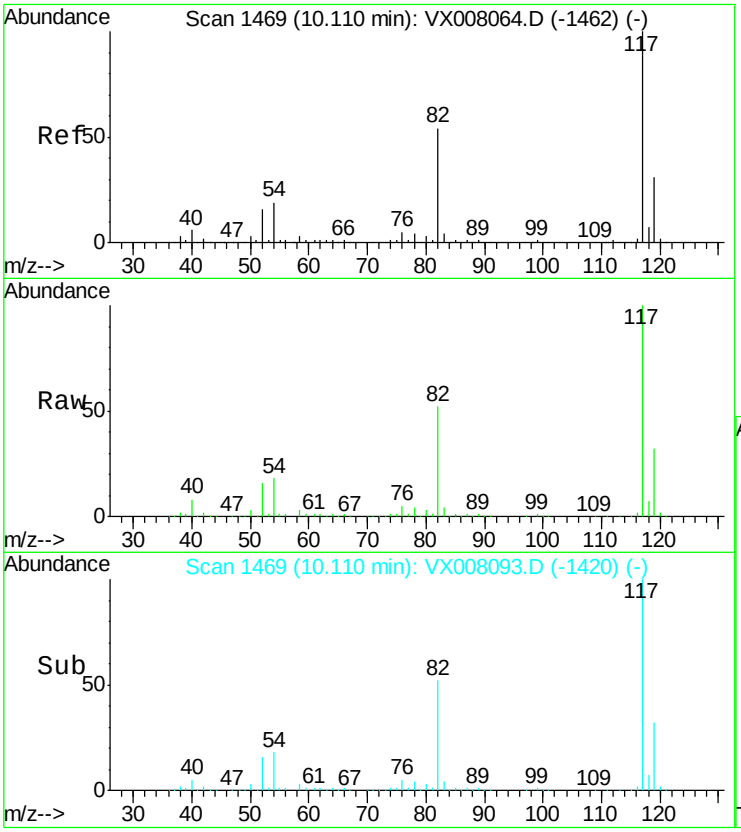


#62
4-Bromofluorobenzene
Concen: 51.039 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 95 Resp: 199821

Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	182.8
176	92.9	0.0	178.0



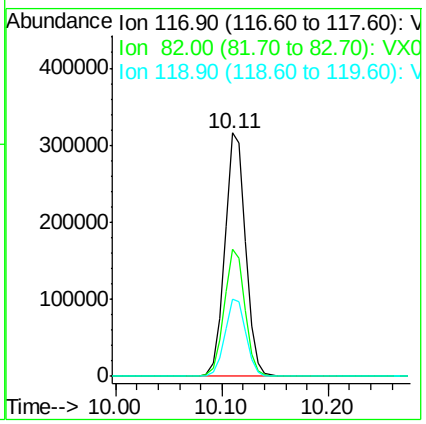


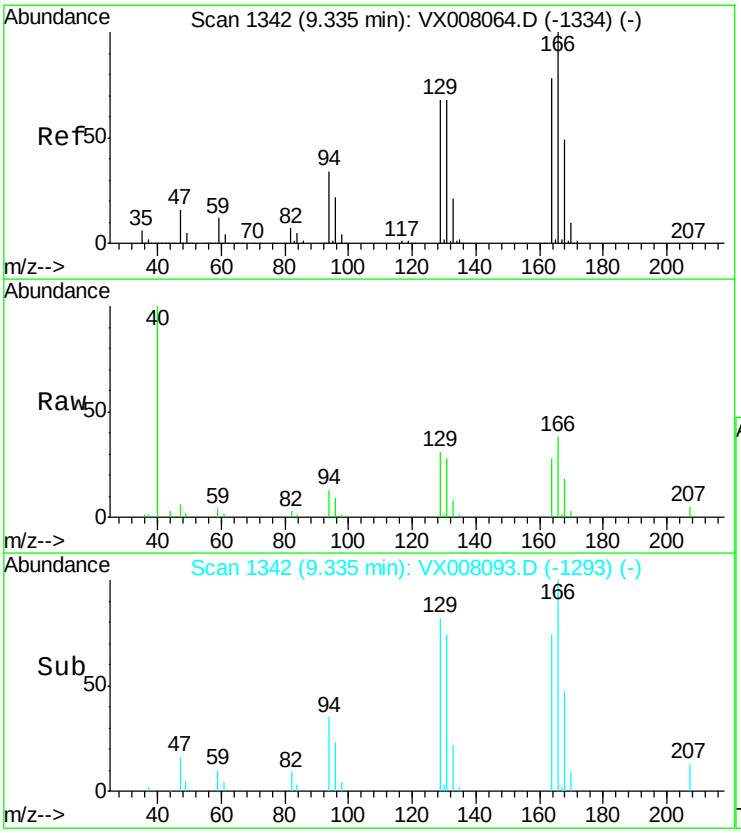
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion:117 Resp: 430673

Ion	Ratio	Lower	Upper
117	100		
82	52.5	44.3	66.5
119	31.8	25.3	37.9

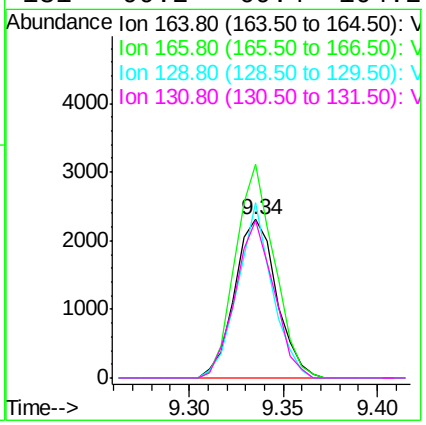


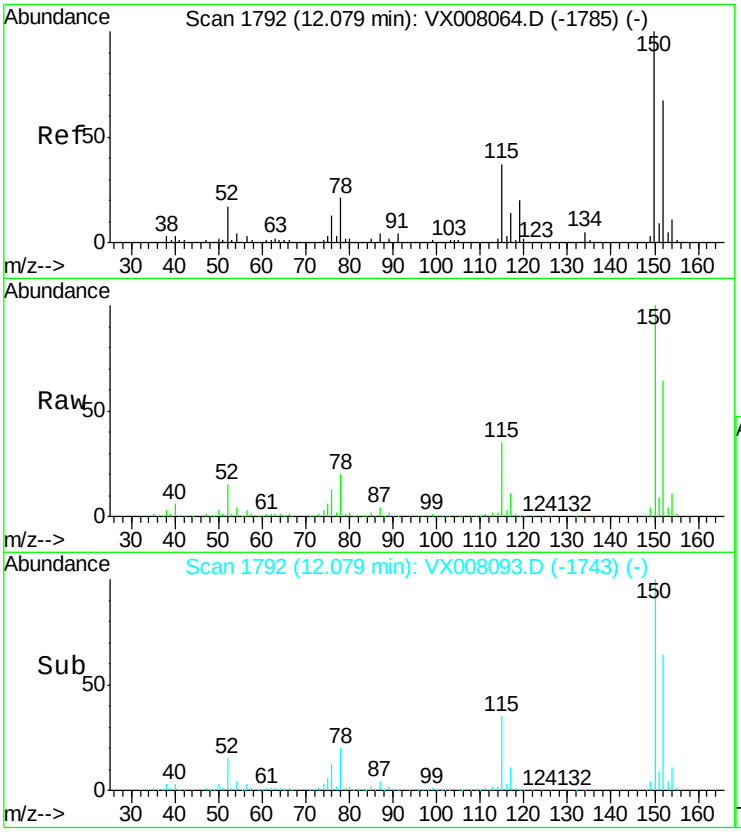


#64
Tetrachloroethene
Concen: 1.019 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion:164 Resp: 3557

Ion	Ratio	Lower	Upper
164	100		
166	134.9	103.4	155.0
129	110.7	72.2	108.4#
131	99.2	69.4	104.2



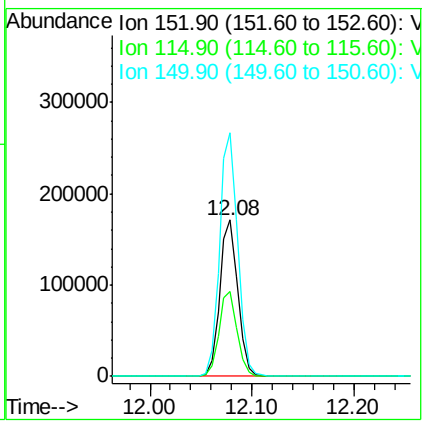


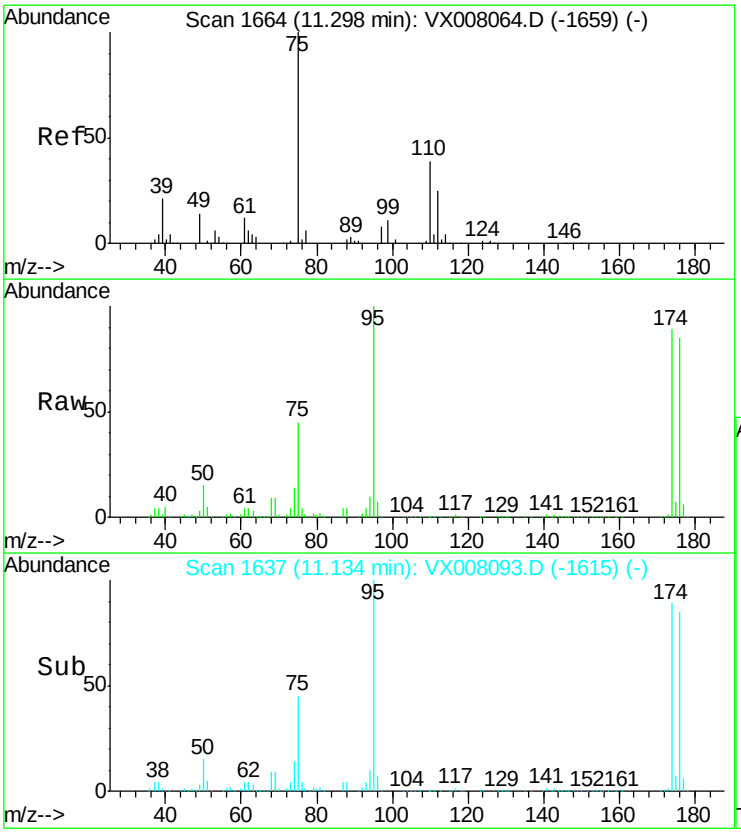
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument : MSVOA_X
ClientSampleId : TT101D-20190307

Tgt Ion:152 Resp: 211159

Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.6	115.7
150	156.7	0.0	348.4

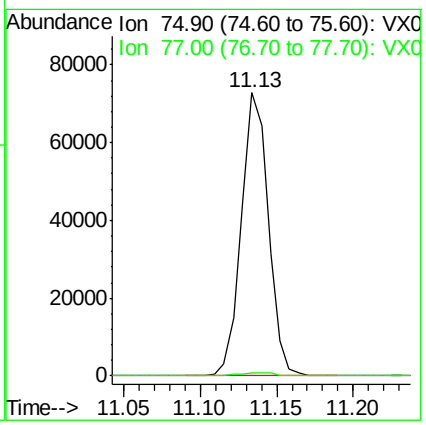


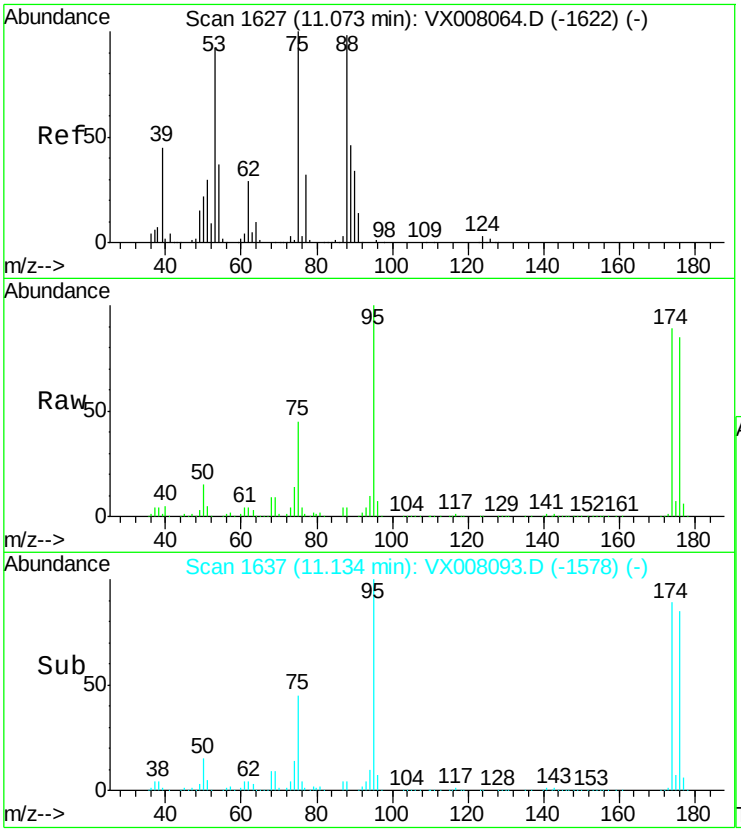


#76
1,2,3-Trichloropropane
Concen: 24.420 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Tgt Ion: 75 Resp: 89553

Ion	Ratio	Lower	Upper
75	100		
77	1.5	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.490 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008093.D
Acq: 15 Mar 2019 02:00

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20190307

Tgt Ion: 75 Resp: 89553

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