Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008094.D
Acq On : 15 Mar 2019 02:26
Operator : JC/SP
Sample : K1839-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307

Quant Time: Mar 15 04:31:32 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	293880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	454170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	428096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150375	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.46%			
35) Dibromofluoromethane	5.51	113	145424	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.98%			
50) Toluene-d8	8.71	98	548073	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
62) 4-Bromofluorobenzene	11.13	95	201355	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	2397	1.019	ug/l	99
3) Chloromethane	1.33	50	634	0.229	ug/l #	86
5) Bromomethane	1.65	94	176	Below Cal	#	70
6) Chloroethane	1.72	64	506	Below Cal	#	83
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37552	15.840	ug/l	97
11) Tert butyl alcohol	3.02	59	1109	1.936	ug/l #	83
12) 1,1-Dichloroethene	2.38	96	9361	4.178	ug/l	87
16) Acetone	2.45	43	2356	1.683	ug/l	93
18) Methyl Acetate	2.78	43	718	0.237	ug/l #	88
20) Methylene Chloride	2.85	84	638	0.255	ug/l #	76
24) 1,1-Dichloroethane	3.70	63	5053	1.137	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	5744	2.002	ug/l	91
30) Chloroform	5.22	83	3621	0.804	ug/l	96
31) Cyclohexane	5.67	56	4347	1.026	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	1968	0.519	ug/l #	50
36) 1,1-Dichloropropene	5.67	75	17233	4.612	ug/l #	49
38) Carbon Tetrachloride	5.78	117	5093	1.416	ug/l	97
39) Methylcyclohexane	7.21	83	7139	1.495	ug/l #	1
44) Trichloroethene	7.21	130	706159	213.766	ug/l	99
49) 1,4-Dioxane	7.76	88	1306	17.928	ug/l	93
51) 4-Methyl-2-Pentanone	8.71	43	1992	0.467	ug/l #	1
55) 1,1,2-Trichloroethane	9.22	97	1625	0.549	ug/l #	87
60) Dibromochloromethane	9.34	129	845	0.277	ug/l #	11
64) Tetrachloroethene	9.34	164	913	0.263	ug/l #	84
76) 1,2,3-Trichloropropane	11.13	75	90028	24.482	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	90028	69.666	ug/l #	11

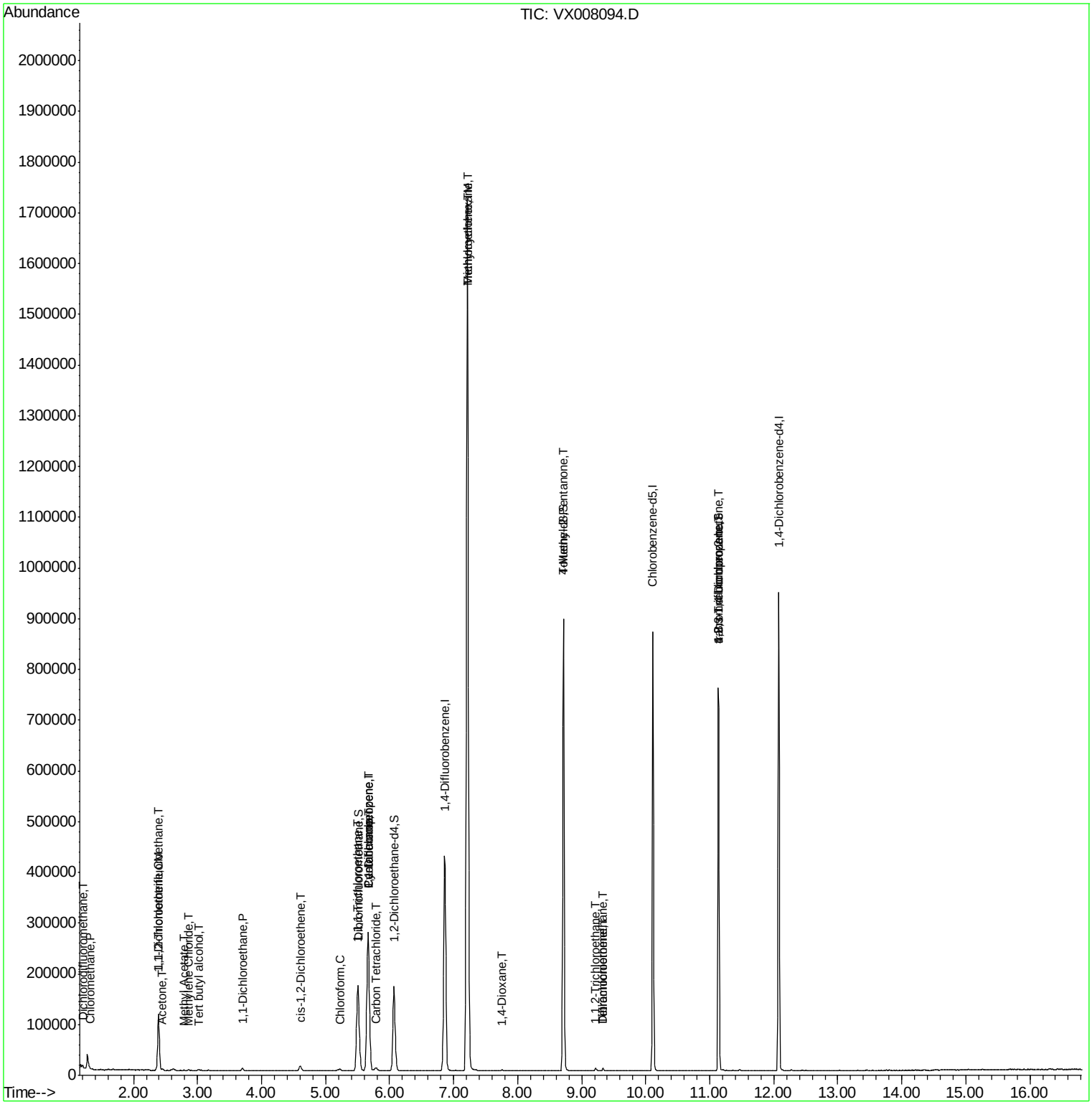
(#) = qualifier out of range (m) = manual integration (+) = signals summed

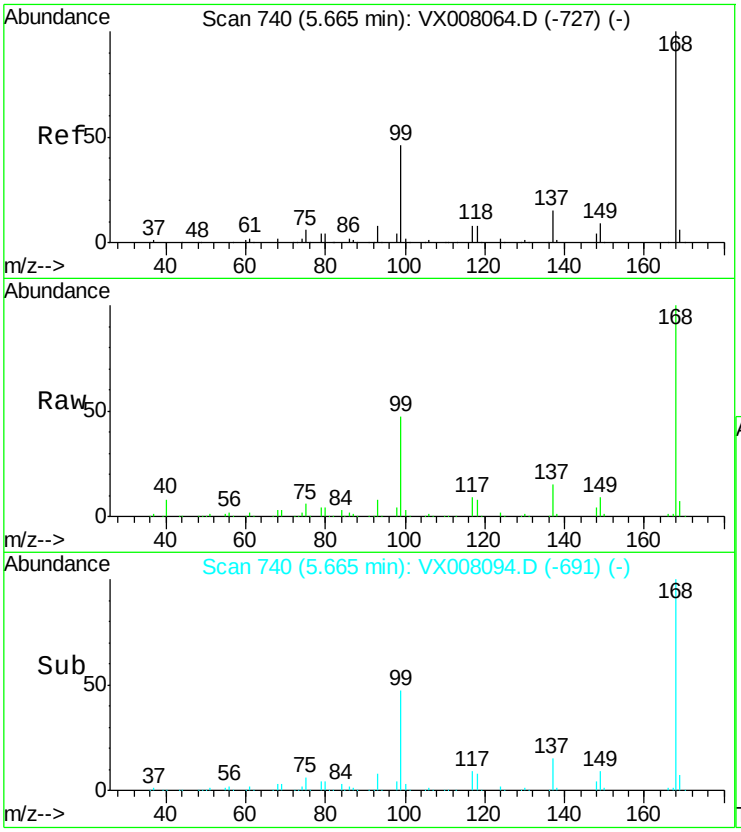
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
Data File : VX008094.D
Acq On : 15 Mar 2019 02:26
Operator : JC/SP
Sample : K1839-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Quant Time: Mar 15 04:31:32 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



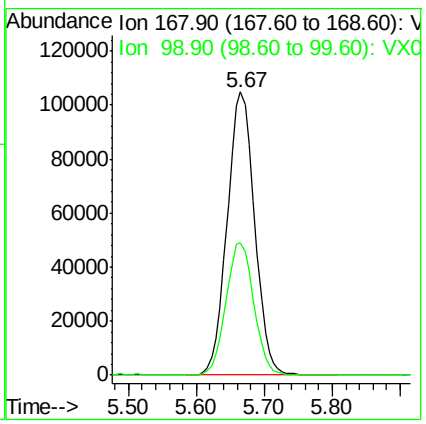


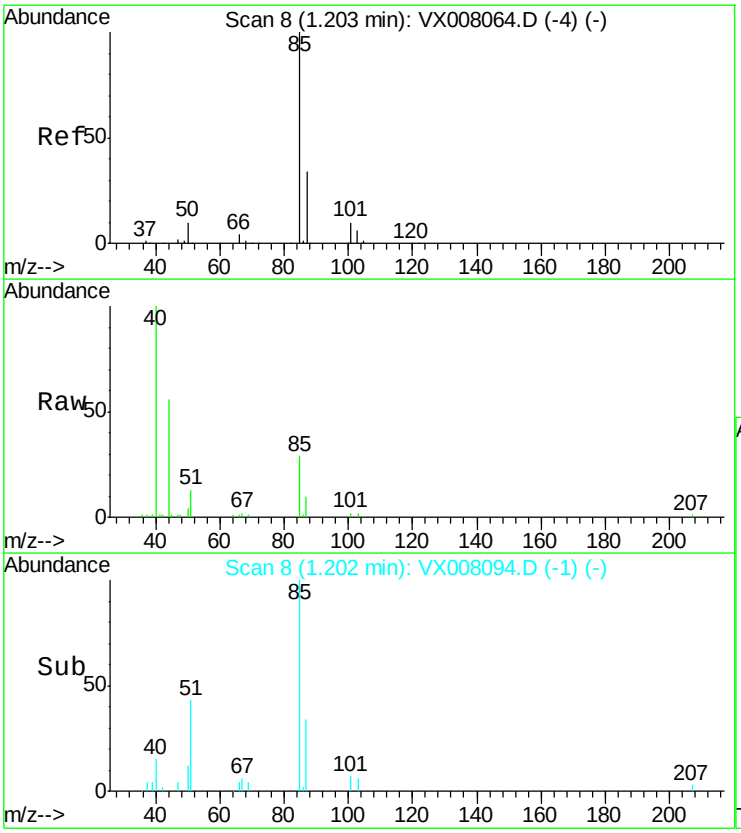
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion:168 Resp: 293880

Ion	Ratio	Lower	Upper
168	100		
99	46.9	37.6	56.4

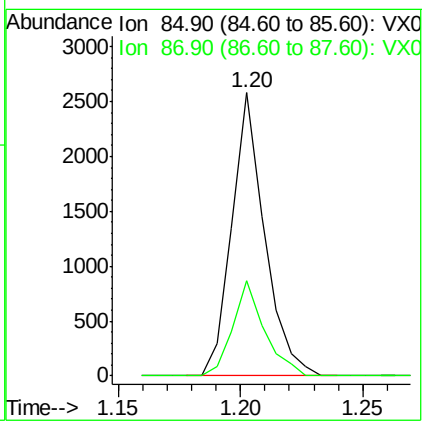


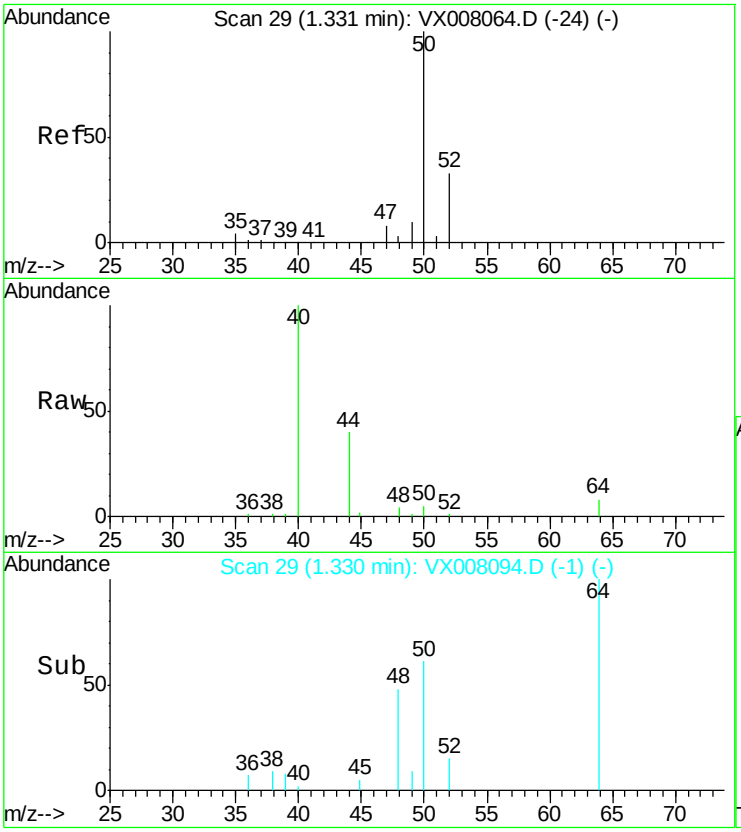


#2
Dichlorodifluoromethane
Concen: 1.019 ug/l
RT: 1.20 min Scan# 8
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 85 Resp: 2397

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.4	49.1



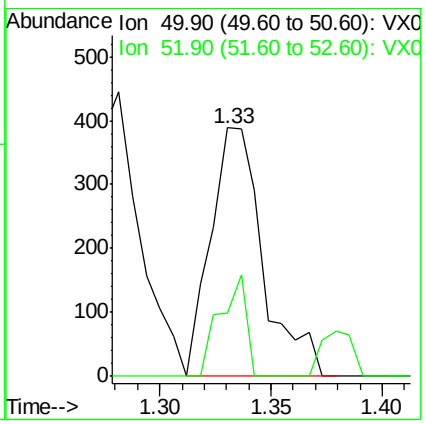


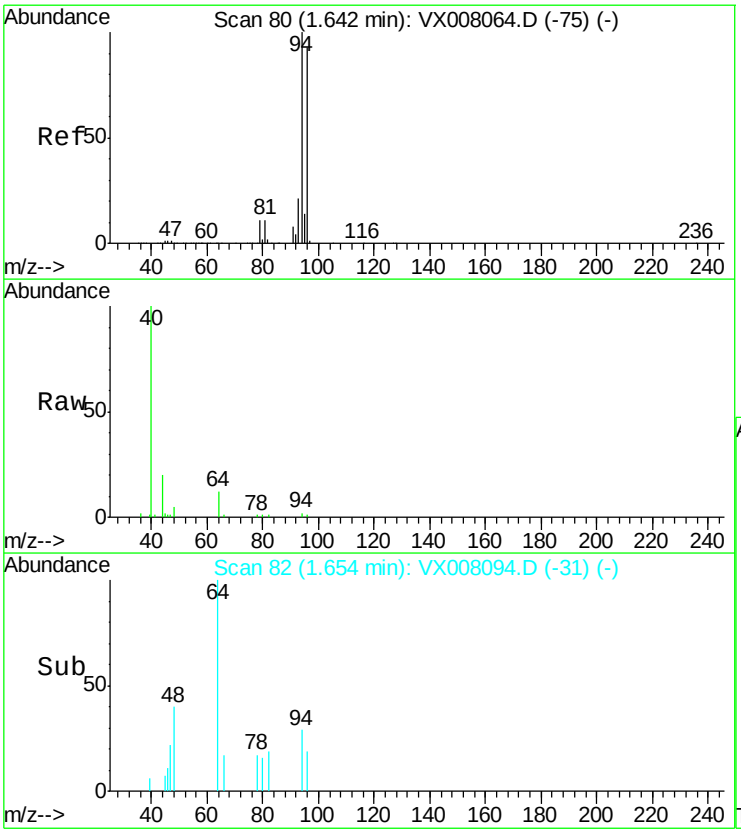
#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307

Tgt Ion: 50 Resp: 634

Ion	Ratio	Lower	Upper
50	100		
52	24.9	26.5	39.7#

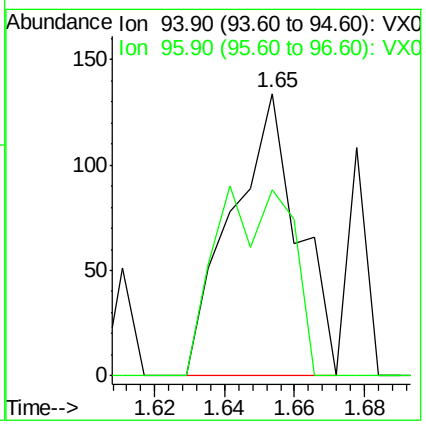


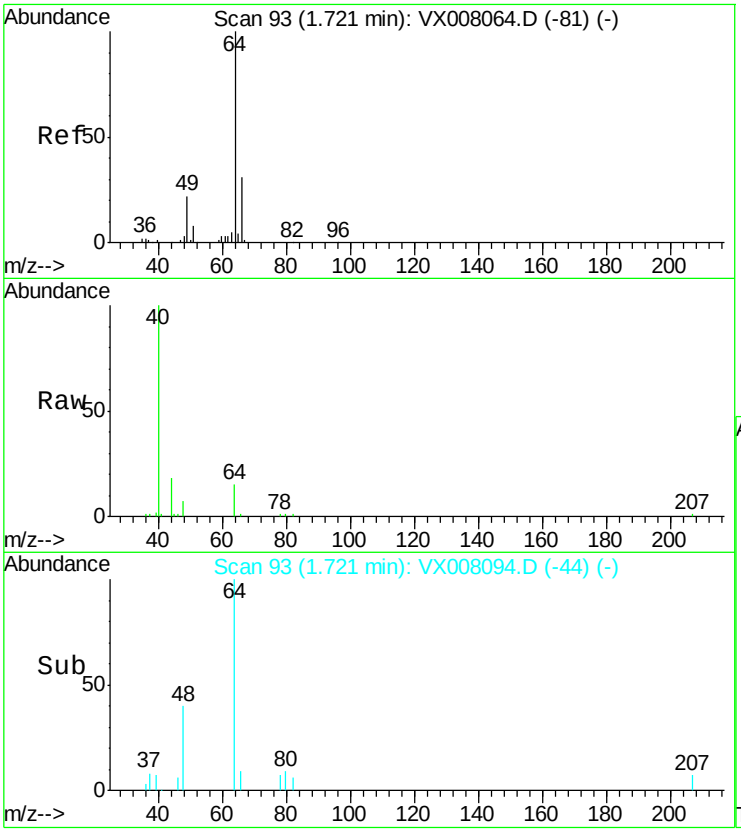


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 94 Resp: 176

Ion	Ratio	Lower	Upper
94	100		
96	65.7	75.5	113.3#



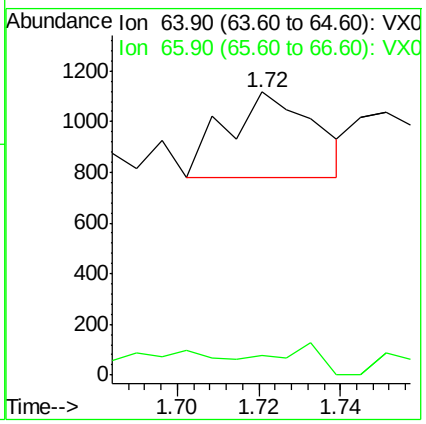


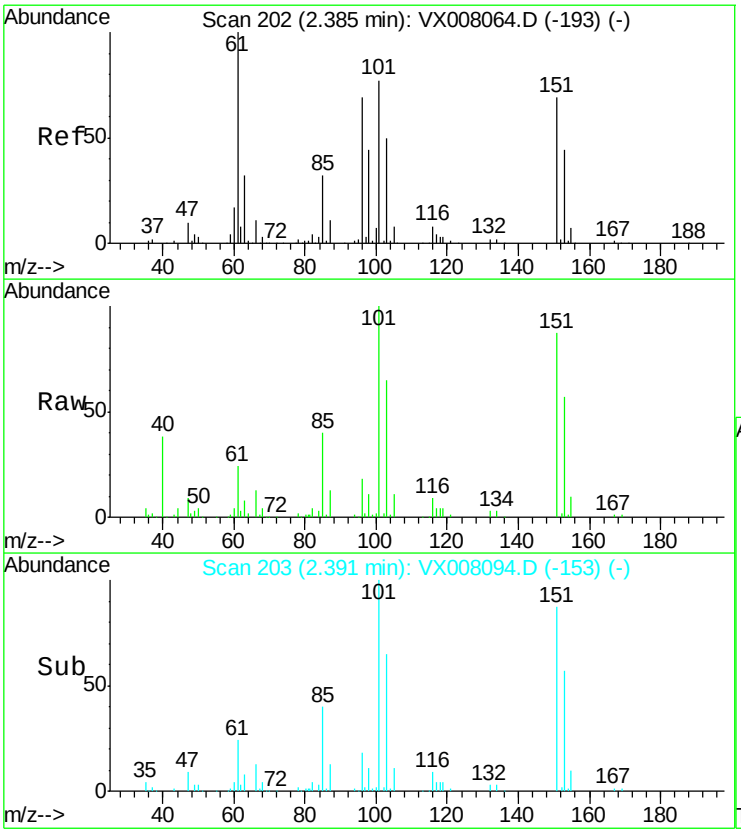
#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 93
Delta R.T. 0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion: 64 Resp: 506

Ion	Ratio	Lower	Upper
64	100		
66	22.2	25.2	37.8#

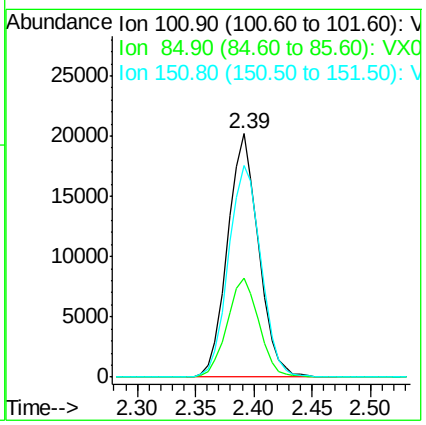


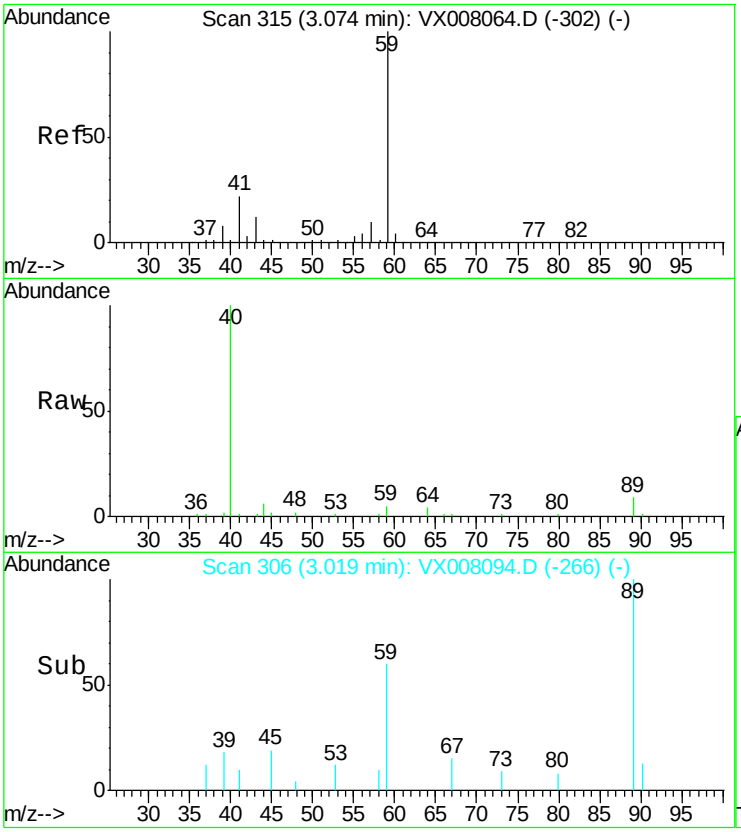


#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.840 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion:101 Resp: 37552

Ion	Ratio	Lower	Upper
101	100		
85	41.6	33.8	50.6
151	90.8	69.1	103.7



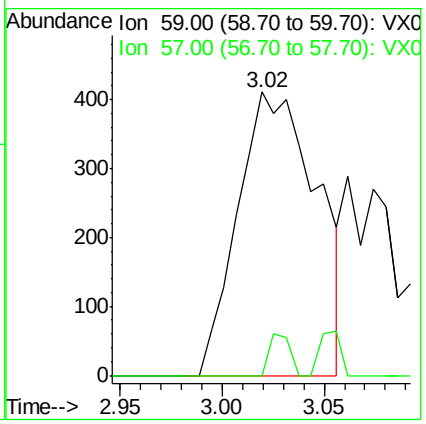


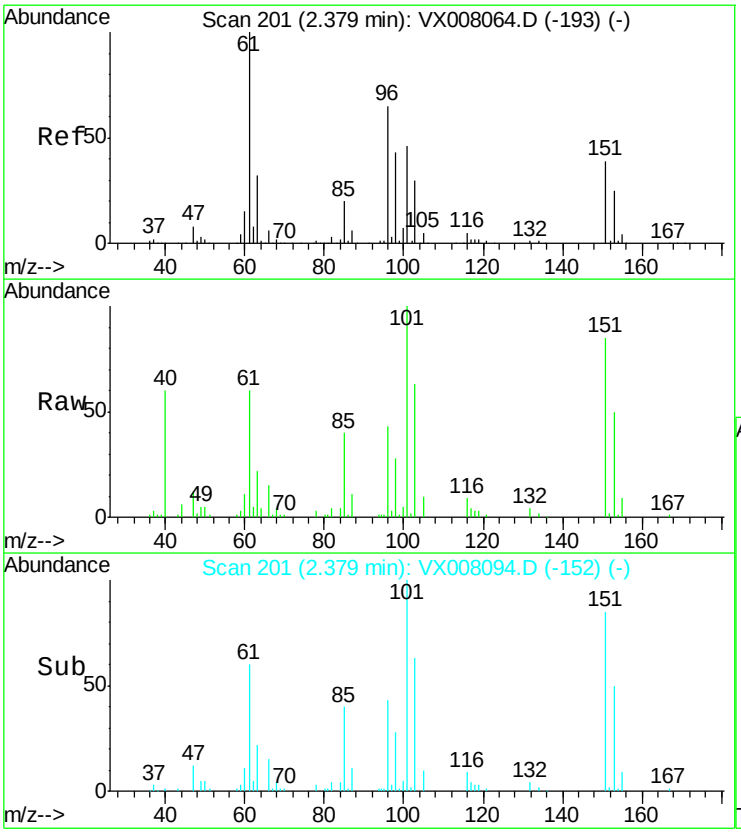
#11
Tert butyl alcohol
Concen: 1.936 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion: 59 Resp: 1109

Ion	Ratio	Lower	Upper
59	100		
57	3.8	8.2	12.2#

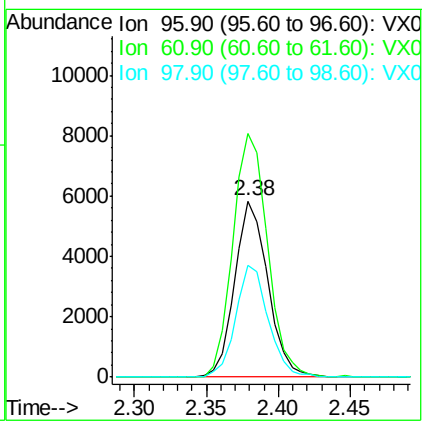


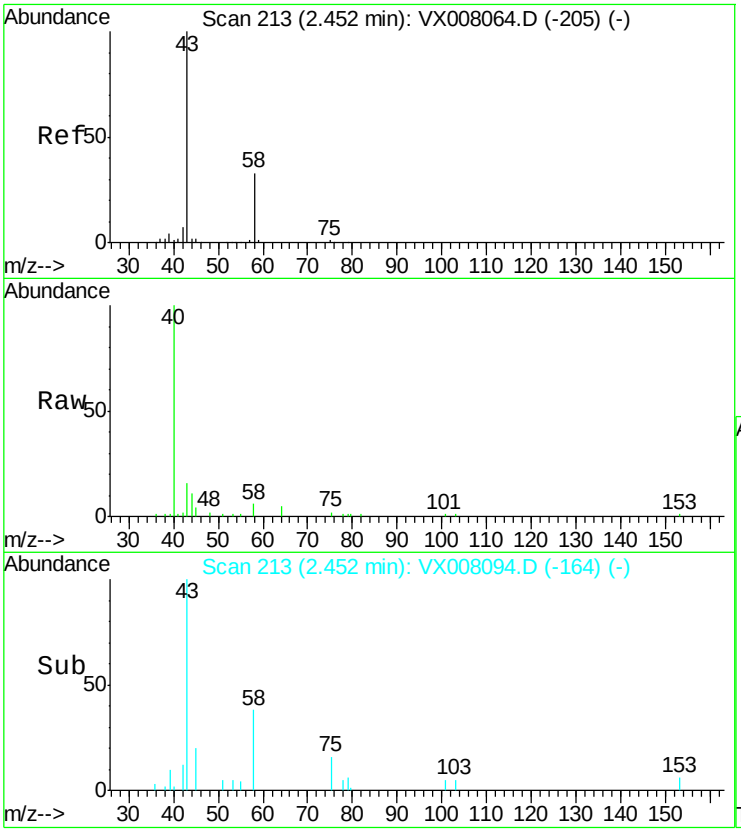


#12
1,1-Dichloroethene
Concen: 4.178 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 96 Resp: 9361

Ion	Ratio	Lower	Upper
96	100		
61	138.5	129.8	194.6
98	63.6	51.0	76.6



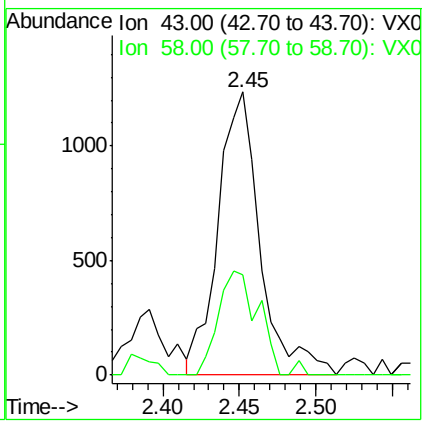


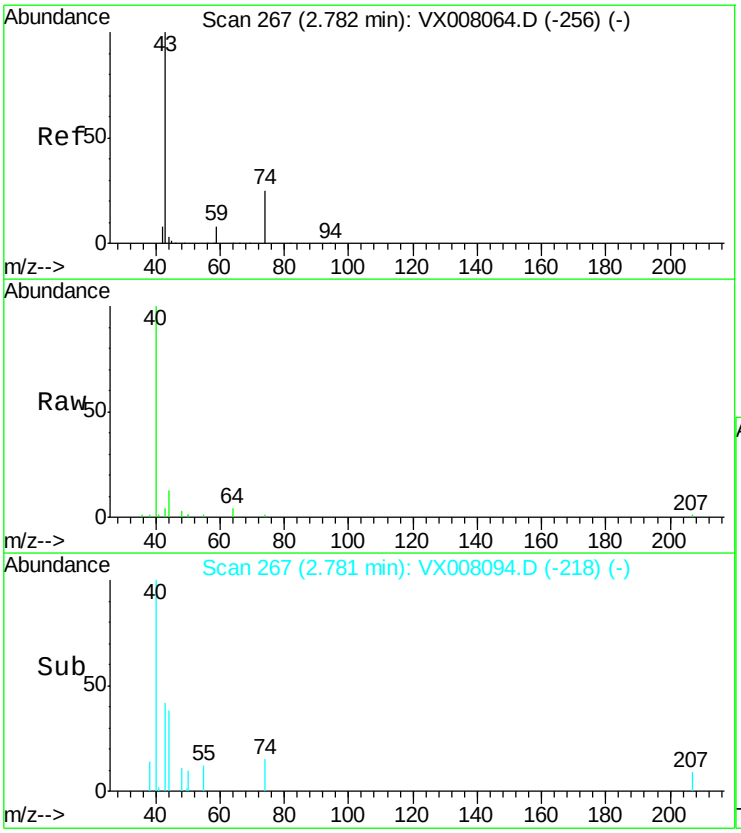
#16
Acetone
Concen: 1.683 ug/l
RT: 2.45 min Scan# 213
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion: 43 Resp: 2356

Ion	Ratio	Lower	Upper
43	100		
58	35.6	25.5	38.3

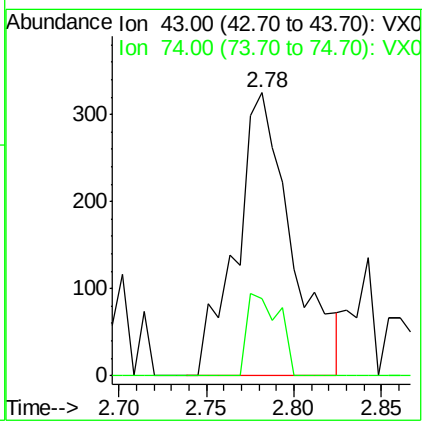


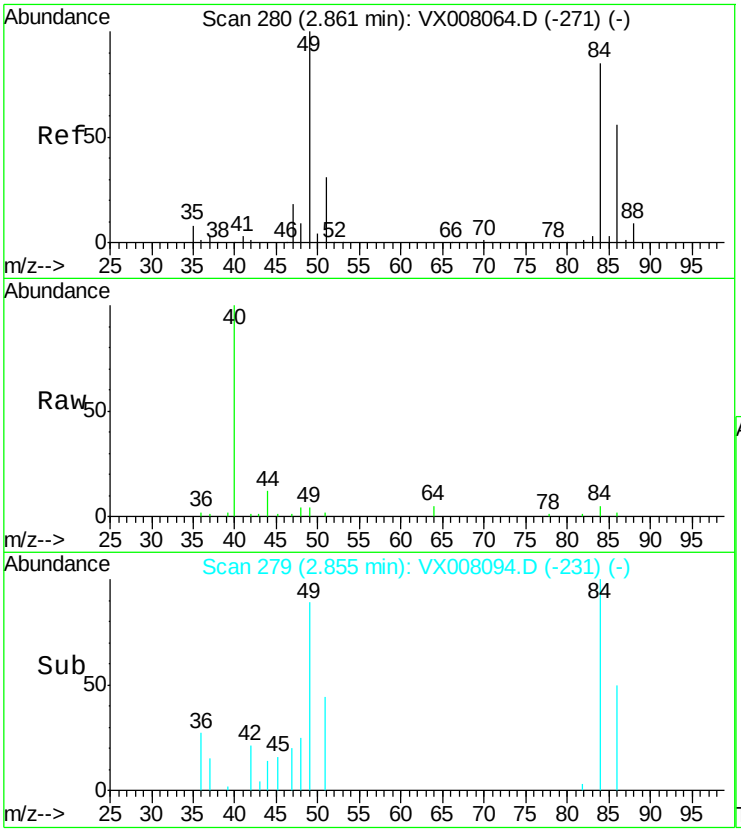


#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 43 Resp: 718

Ion	Ratio	Lower	Upper
43	100		
74	16.4	17.8	26.6#



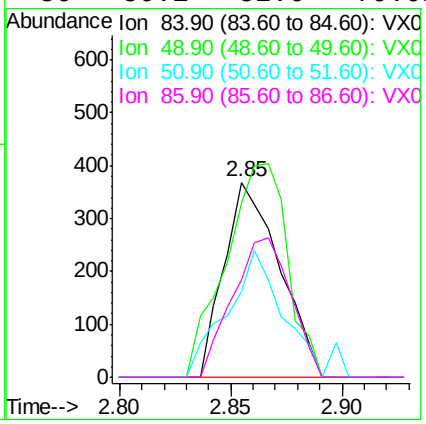


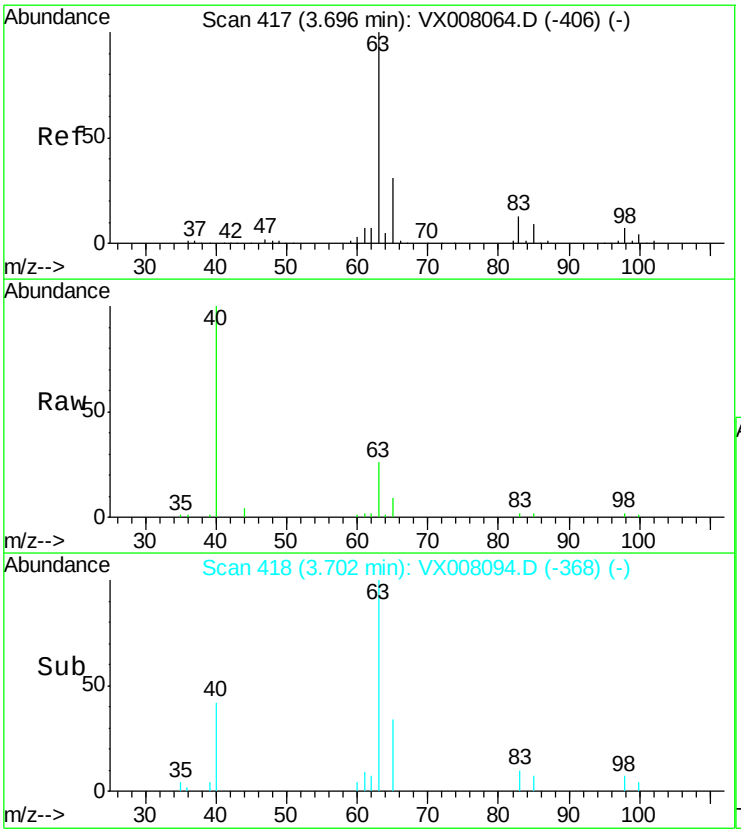
#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307

Tgt Ion: 84 Resp: 638

Ion	Ratio	Lower	Upper
84	100		
49	88.9	99.3	148.9#
51	44.2	31.3	46.9
86	50.1	52.6	79.0#

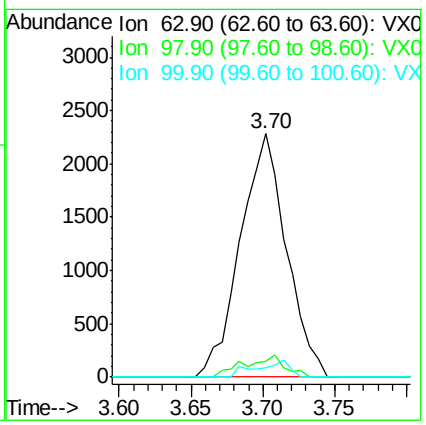


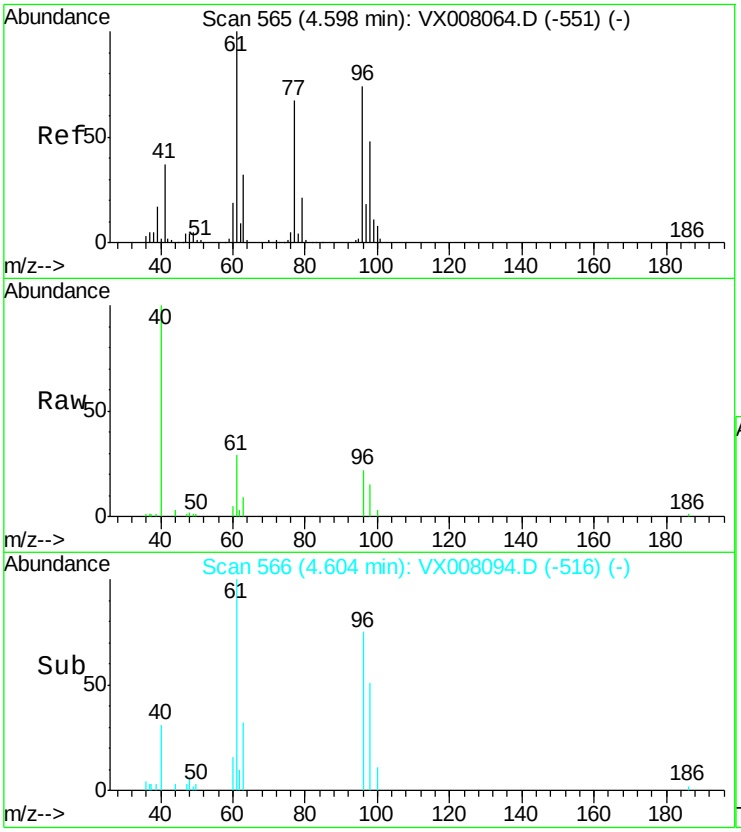


#24
1,1-Dichloroethane
Concen: 1.137 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 63 Resp: 5053

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.3	9.8
100	3.9	2.3	6.8



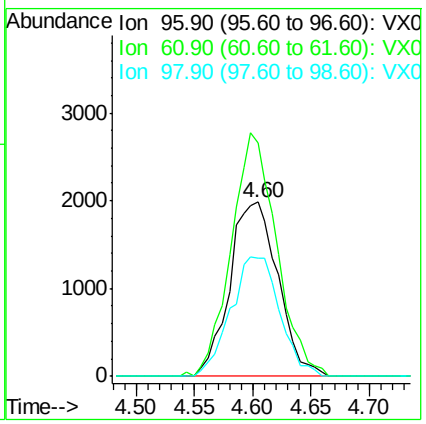


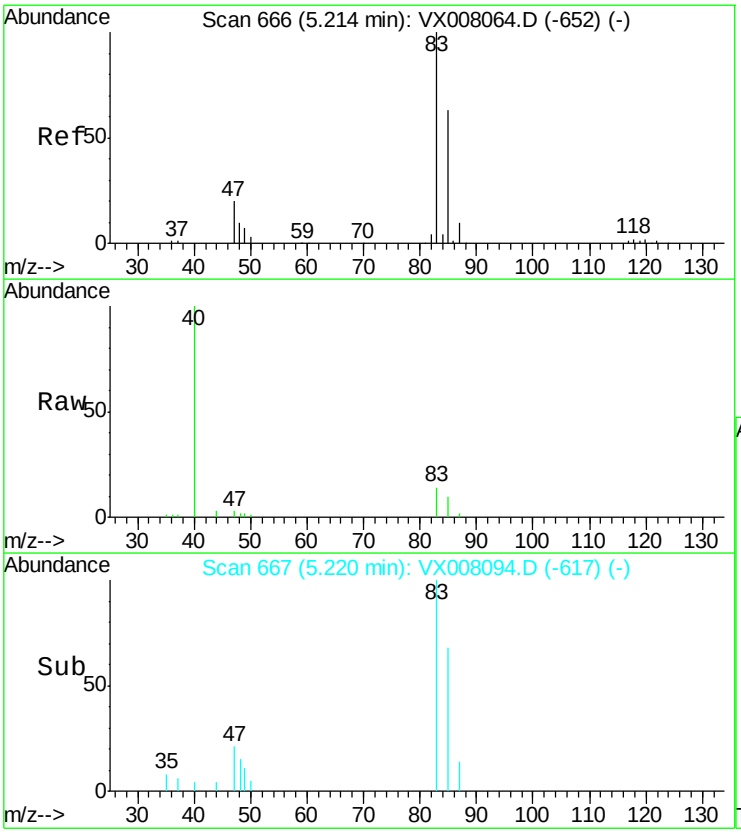
#27
cis-1,2-Dichloroethene
Concen: 2.002 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307

Tgt Ion: 96 Resp: 5744

Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	288.0
98	69.6	0.0	129.0

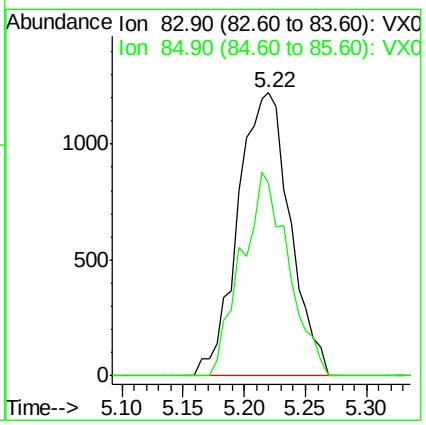


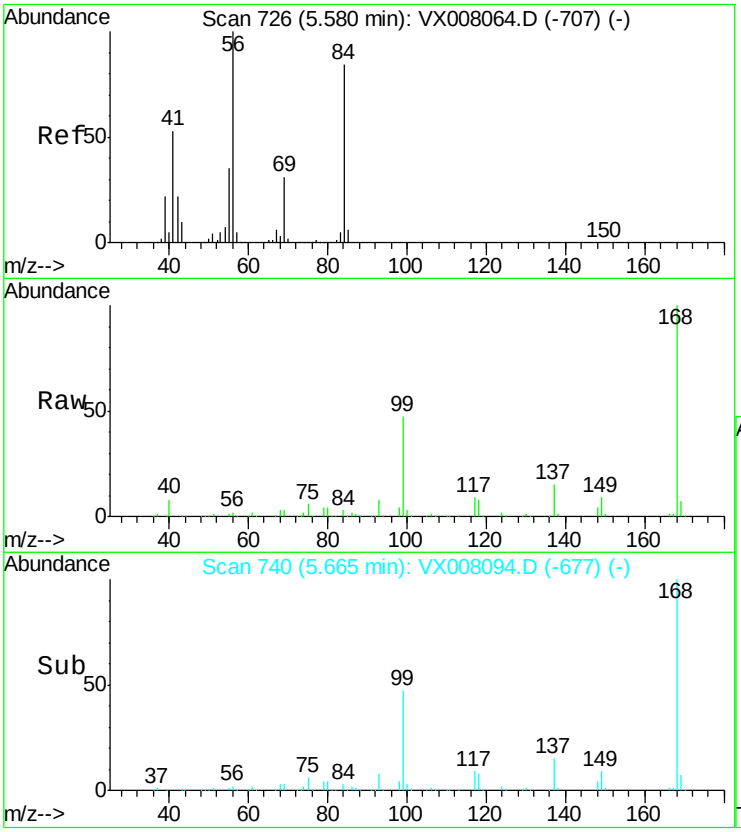


#30
Chloroform
Concen: 0.804 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 83 Resp: 3621

Ion	Ratio	Lower	Upper
83	100		
85	68.0	51.8	77.6



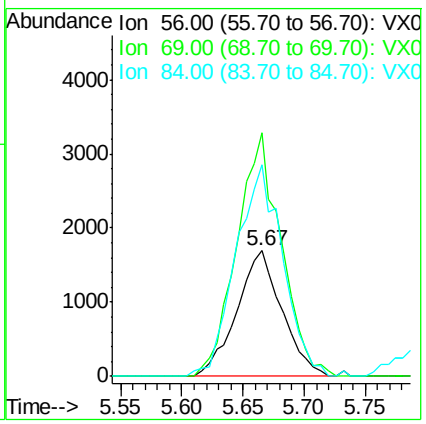


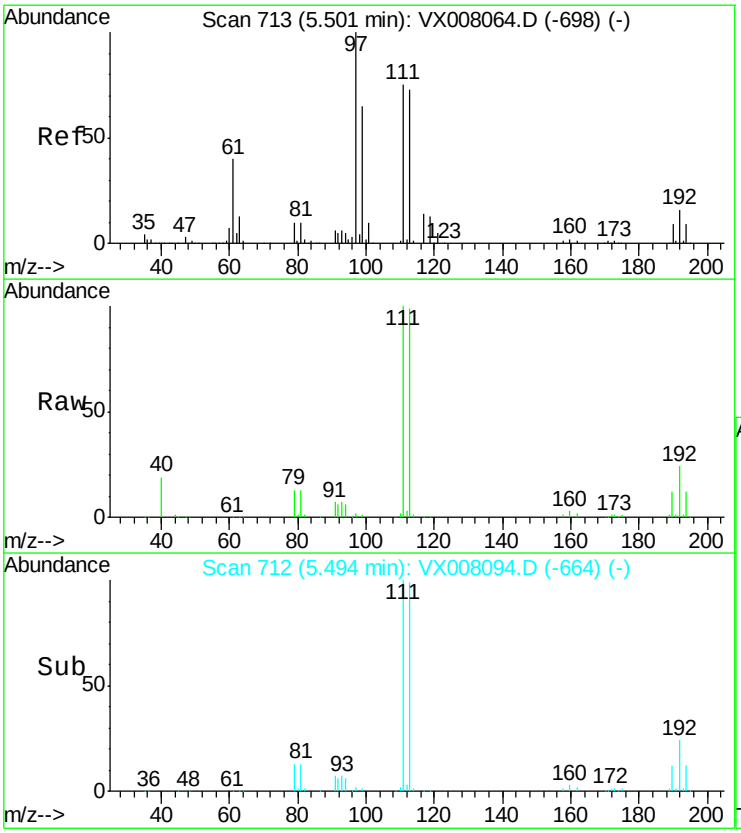
#31
Cyclohexane
Concen: 1.026 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307

Tgt Ion: 56 Resp: 4347

Ion	Ratio	Lower	Upper
56	100		
69	194.0	24.0	36.0#
84	168.3	65.3	97.9#

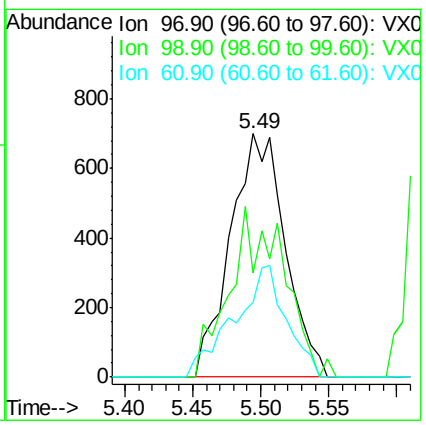


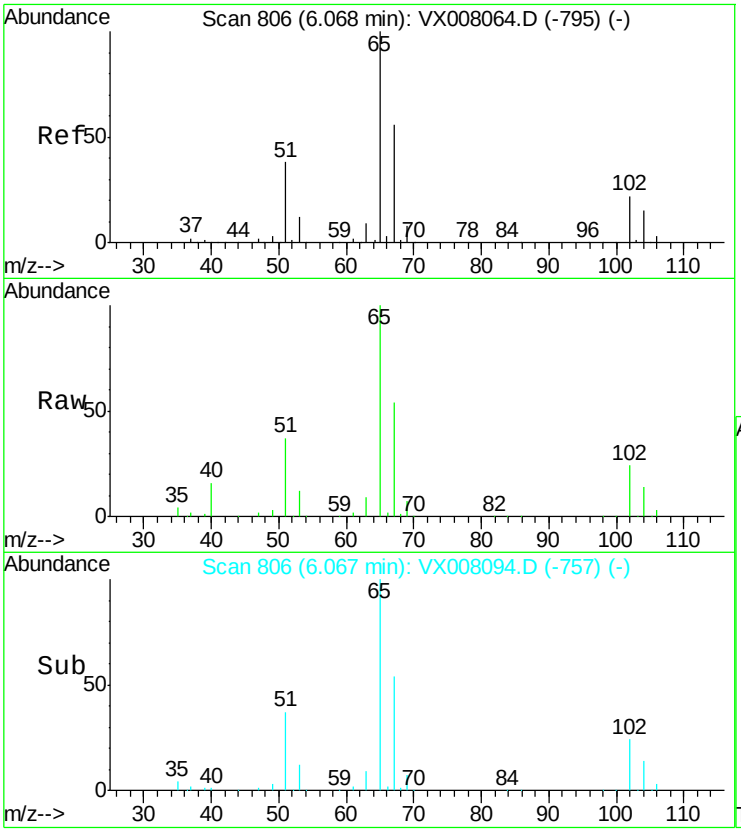


#32
1,1,1-Trichloroethane
Concen: 0.519 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 97 Resp: 1968

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.2#
61	43.7	34.9	52.3



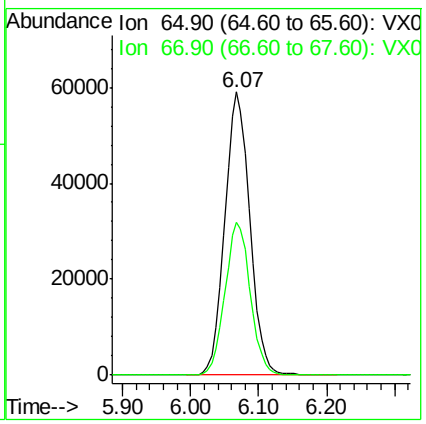


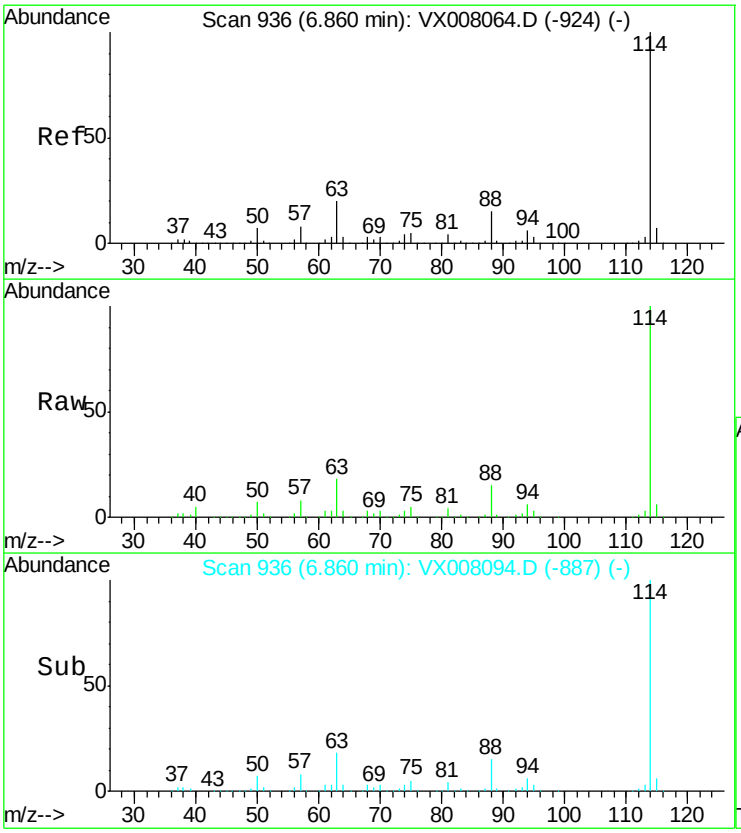
#33
1,2-Dichloroethane-d4
Concen: 50.725 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion: 65 Resp: 150375

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.0

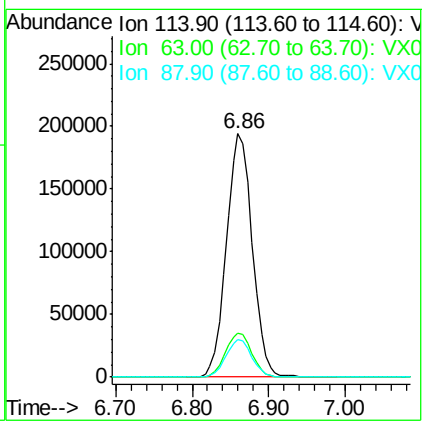


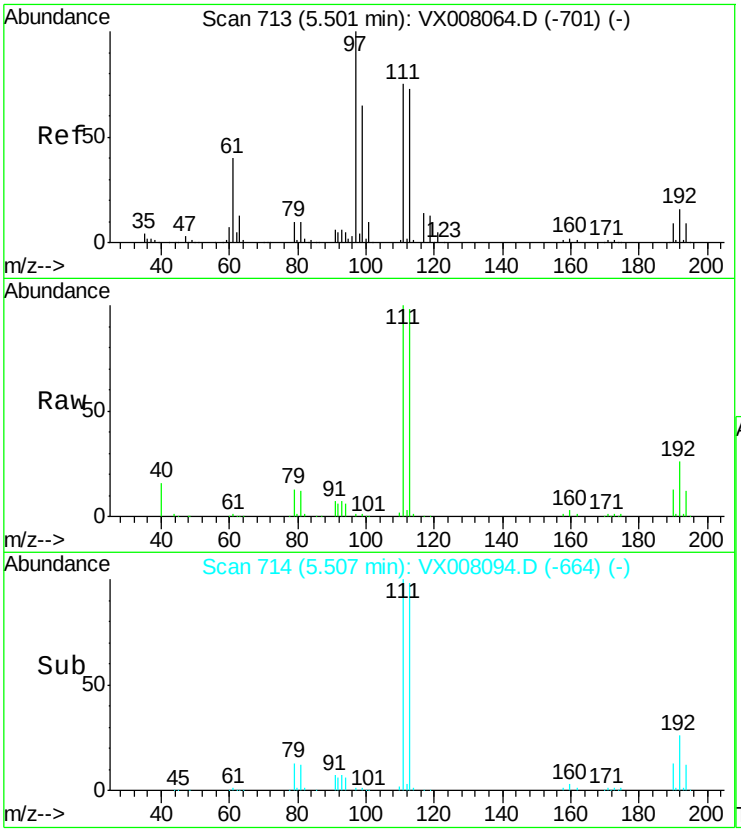


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion:114 Resp: 454170

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



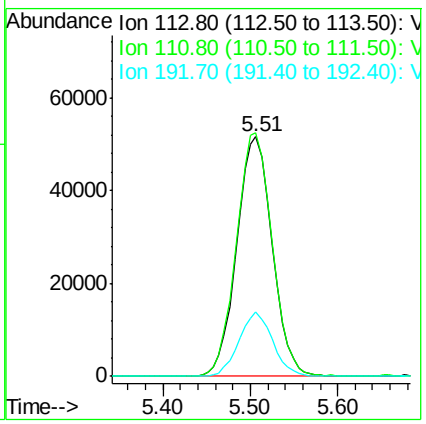


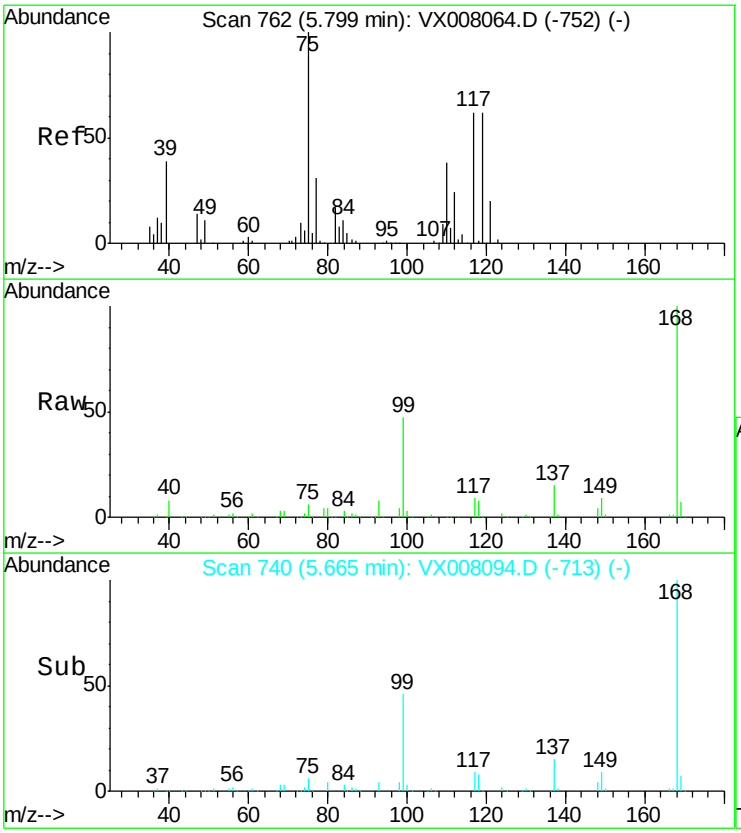
#35
Dibromofluoromethane
Concen: 50.493 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion:113 Resp: 145424

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	25.5	19.4	29.0

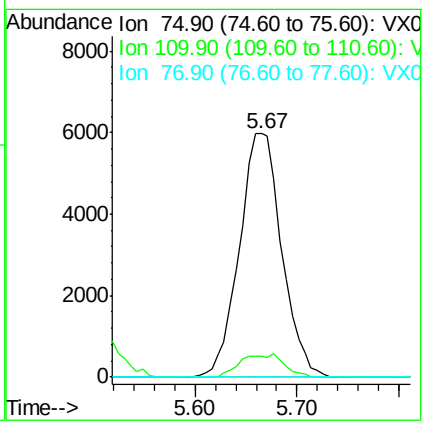


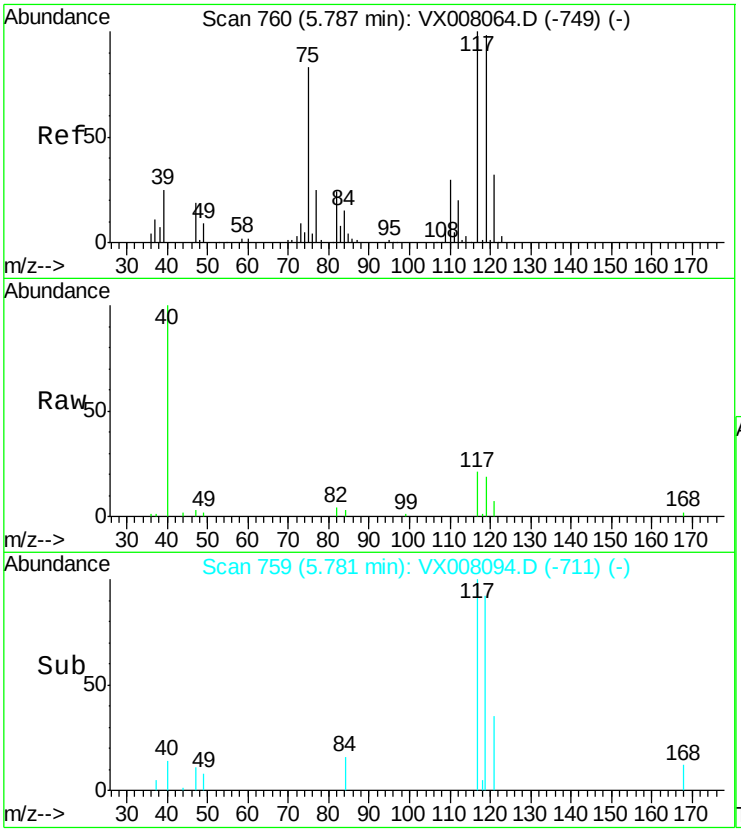


#36
1,1-Dichloropropene
Concen: 4.612 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 75 Resp: 17233

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.4	55.0#
77	0.0	25.0	37.4#



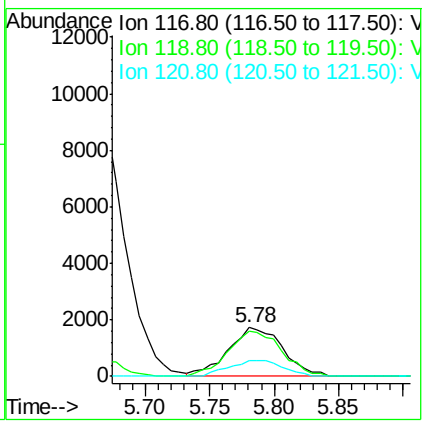


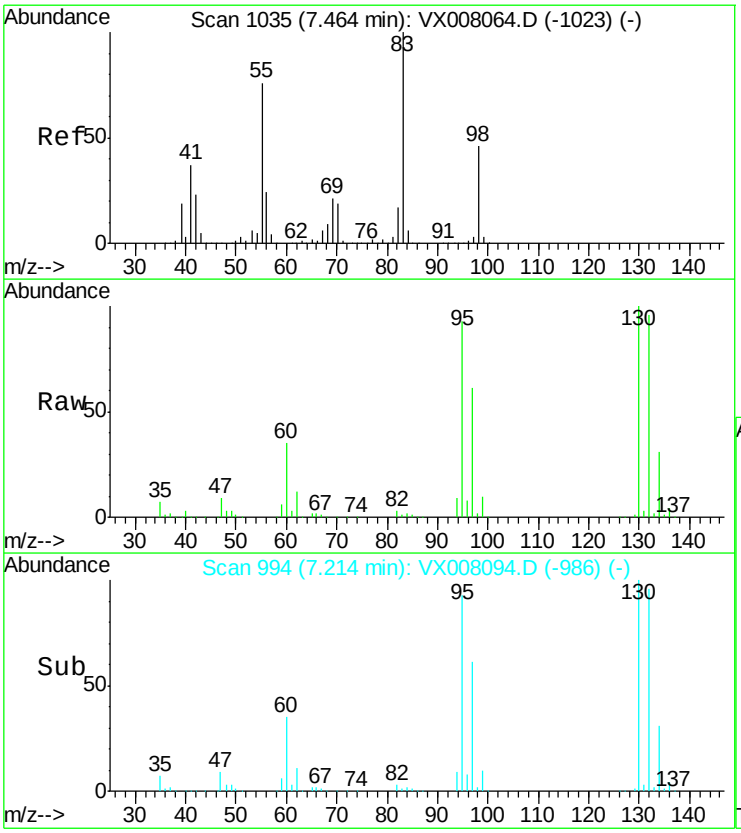
#38
Carbon Tetrachloride
Concen: 1.416 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307

Tgt Ion:117 Resp: 5093

Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.2	114.2
121	32.1	24.6	36.8

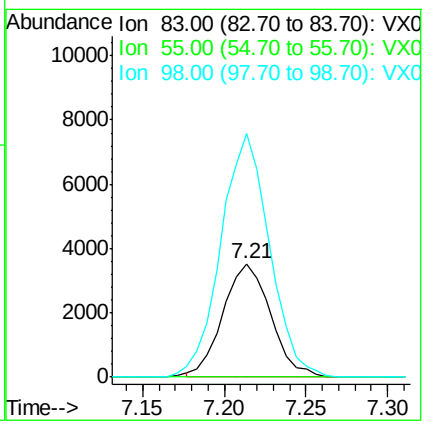


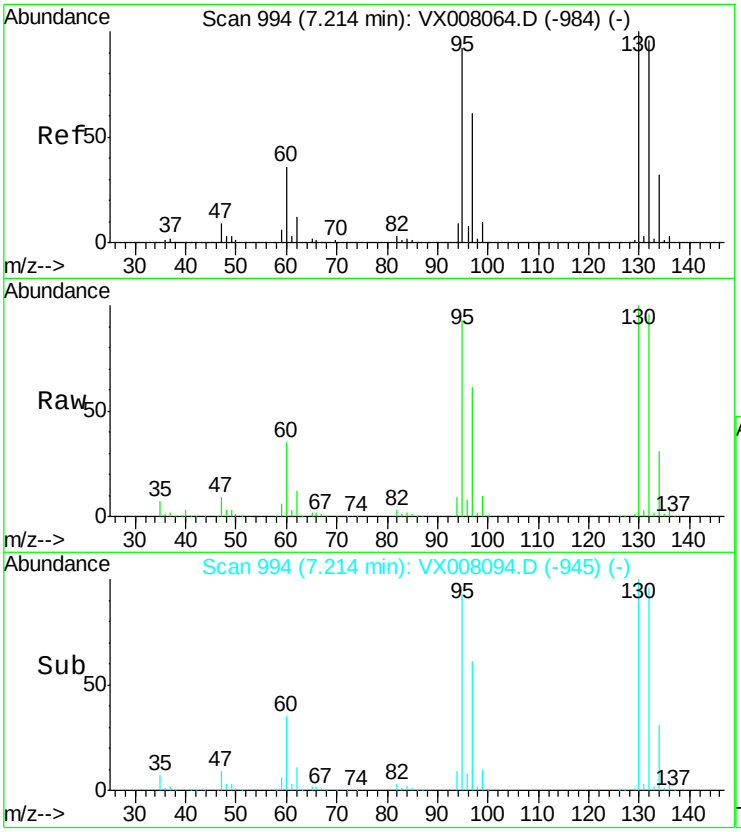


#39
Methylcyclohexane
Concen: 1.495 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 83 Resp: 7139

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	215.2	36.5	54.7#



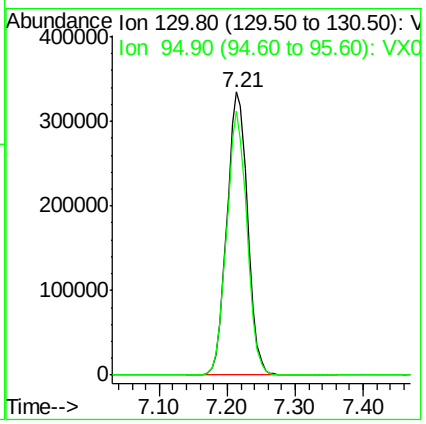


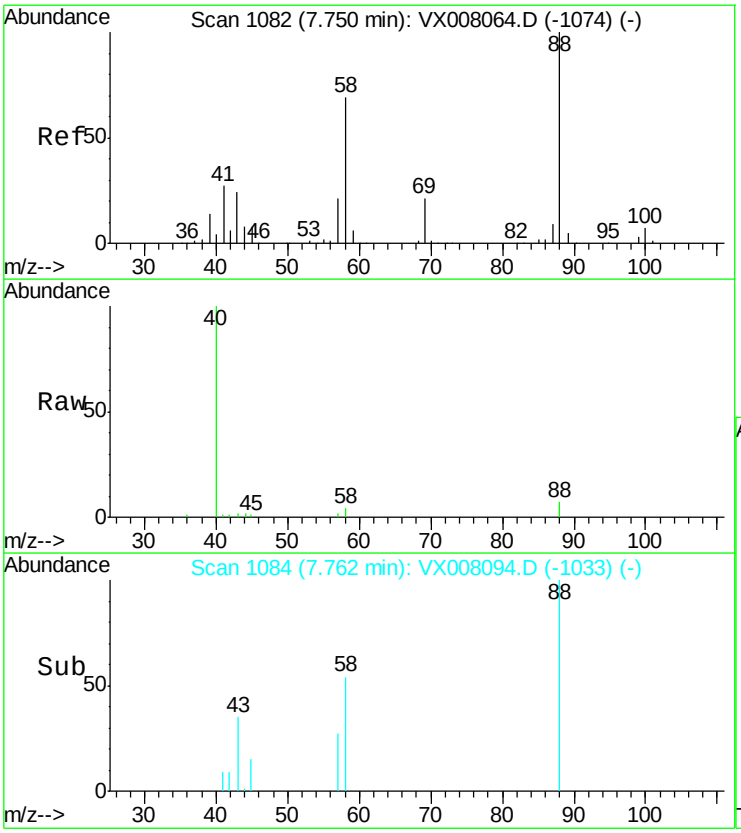
#44
Trichloroethene
Concen: 213.766 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion:130 Resp: 706159

Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	188.0

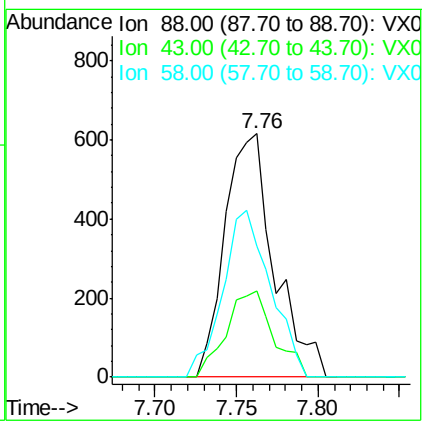


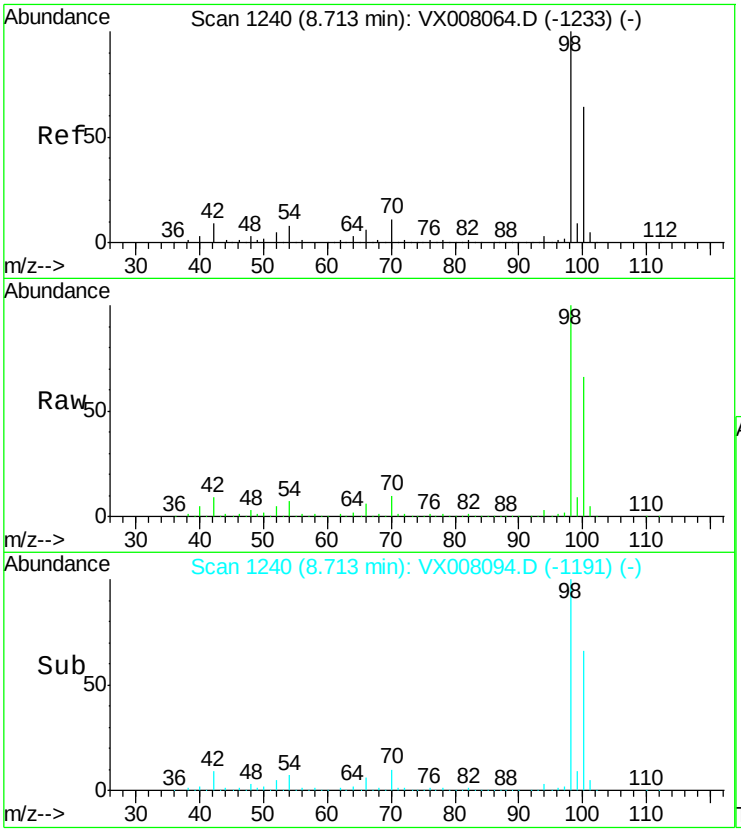


#49
1,4-Dioxane
Concen: 17.928 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 88 Resp: 1306

Ion	Ratio	Lower	Upper
88	100		
43	33.7	25.1	37.7
58	65.5	57.8	86.6



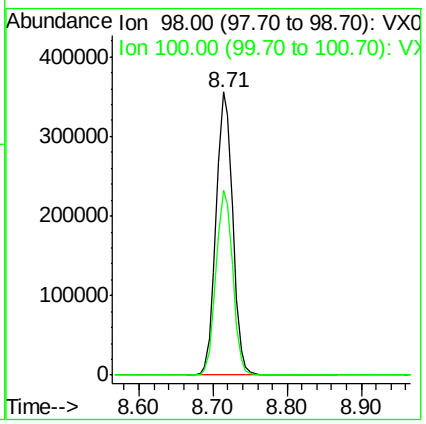


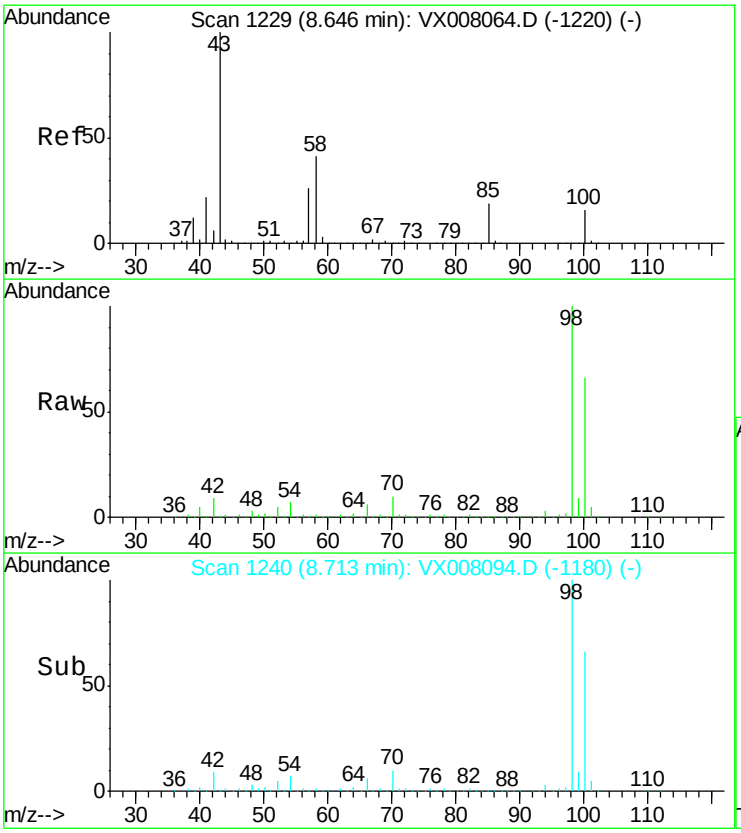
#50
Toluene-d8
Concen: 50.035 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion: 98 Resp: 548073

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.7	77.5

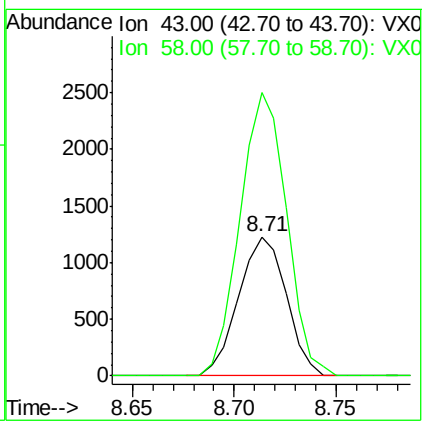


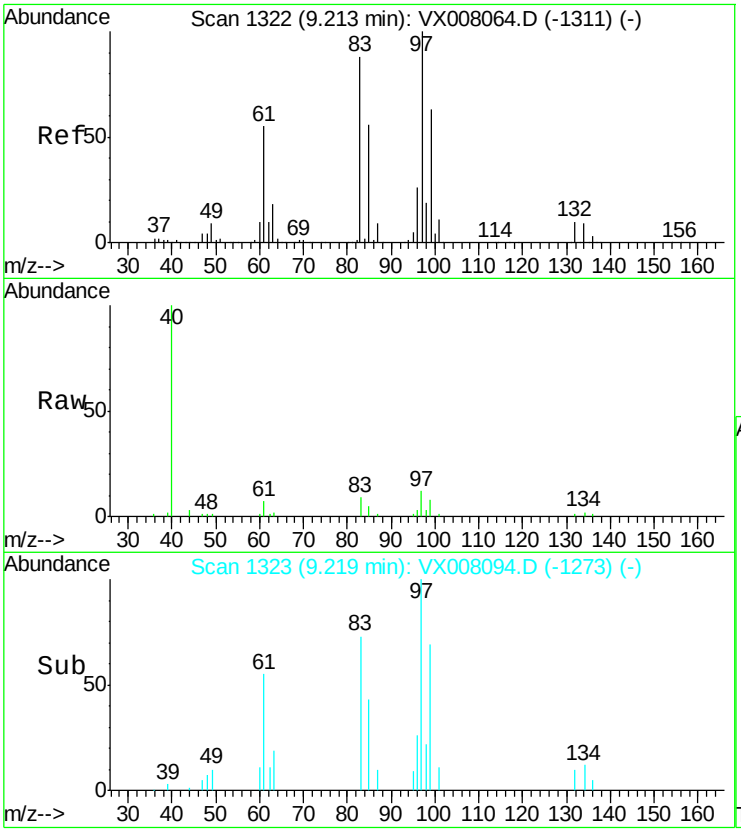


#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 43 Resp: 1992

Ion	Ratio	Lower	Upper
43	100		
58	199.2	31.3	46.9#



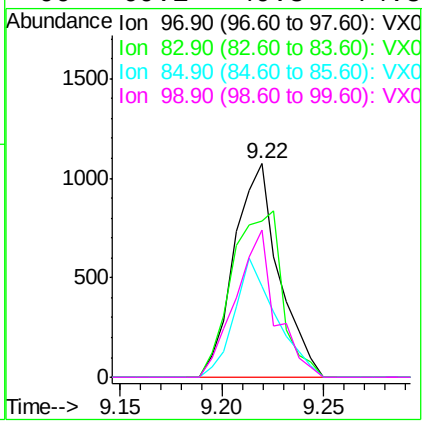


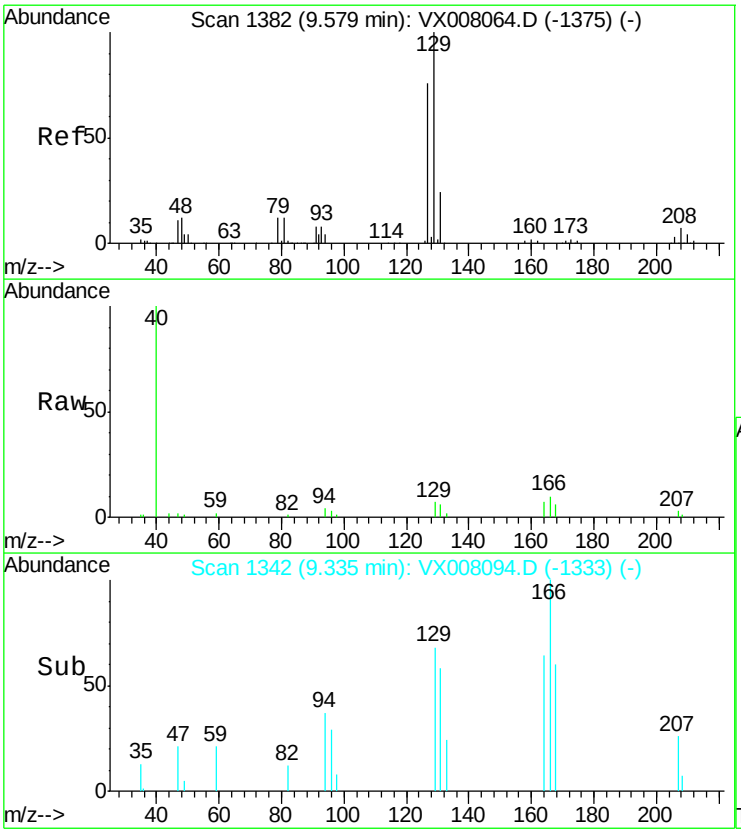
#55
1,1,2-Trichloroethane
Concen: 0.549 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion: 97 Resp: 1625

Ion	Ratio	Lower	Upper
97	100		
83	73.4	69.1	103.7
85	42.8	44.3	66.5#
99	69.1	49.8	74.8

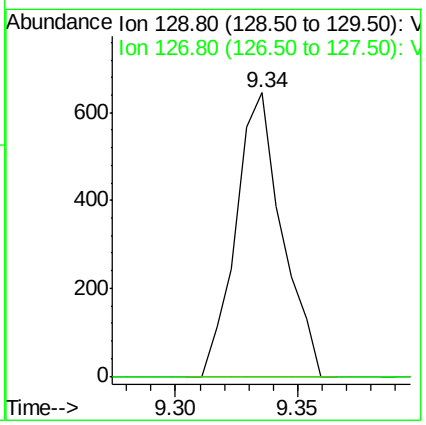


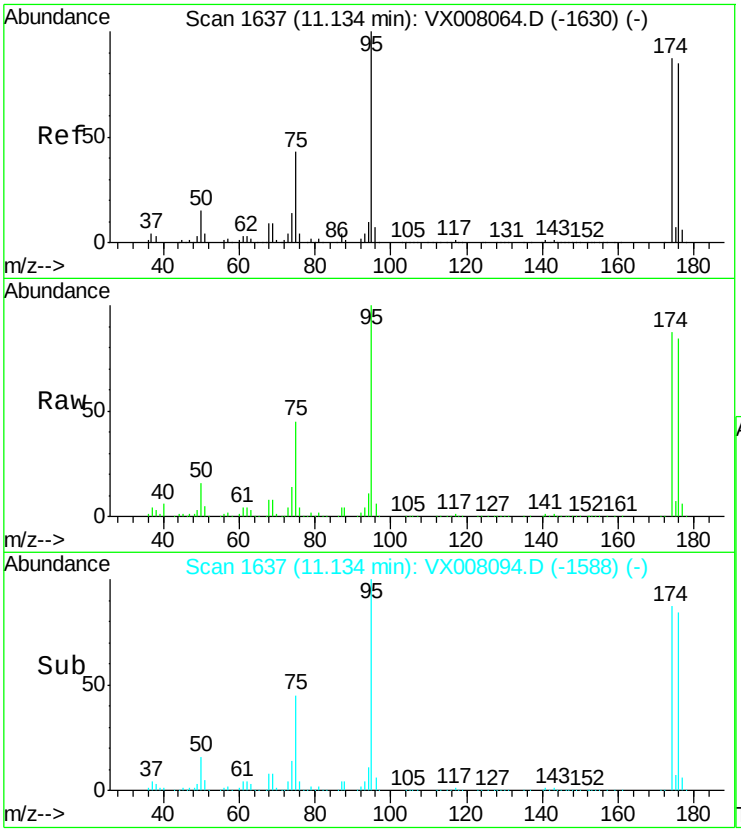


#60
Dibromochloromethane
Concen: 0.277 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion:129 Resp: 845

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#



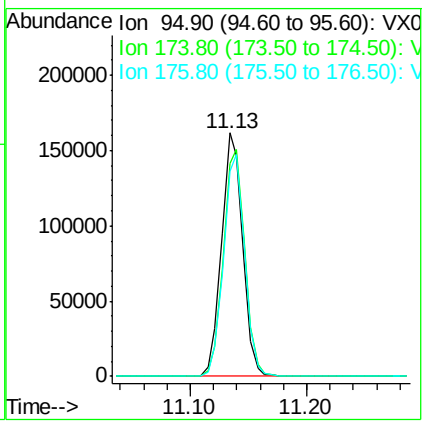


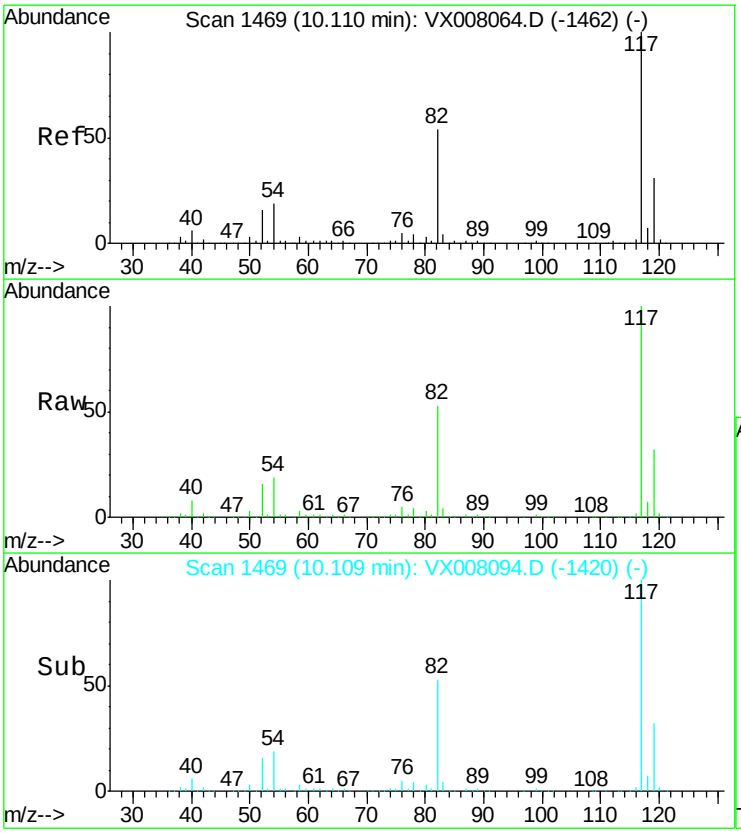
#62
4-Bromofluorobenzene
Concen: 51.313 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion: 95 Resp: 201355

Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	182.8
176	92.3	0.0	178.0

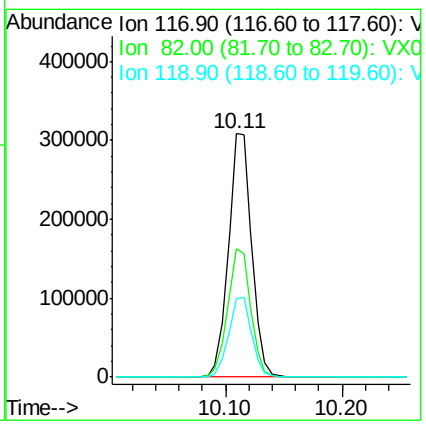


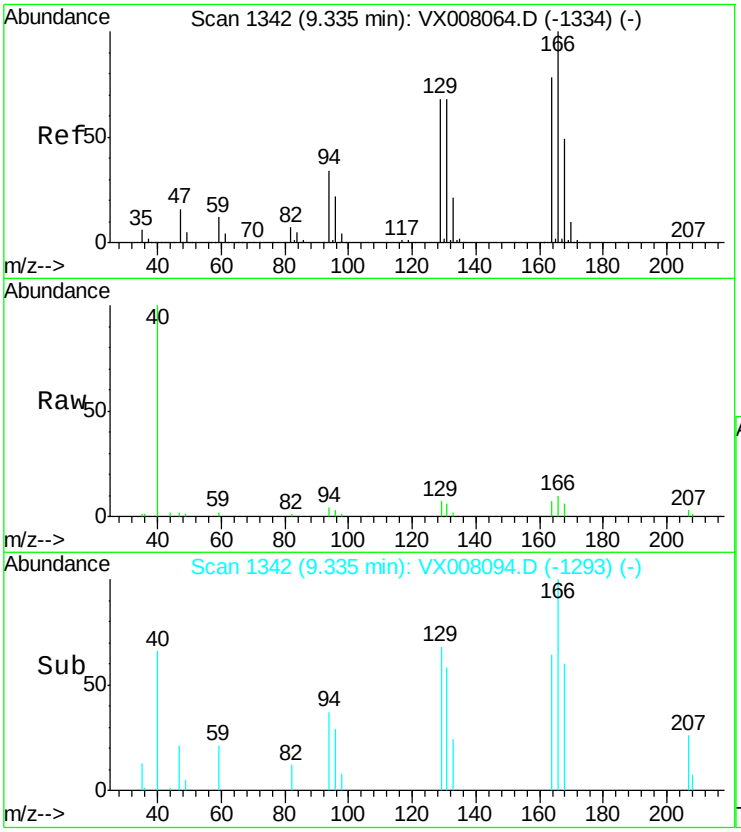


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion:117 Resp: 428096

Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.3	66.5
119	32.1	25.3	37.9



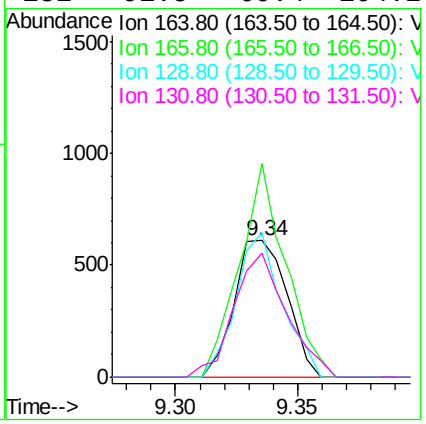


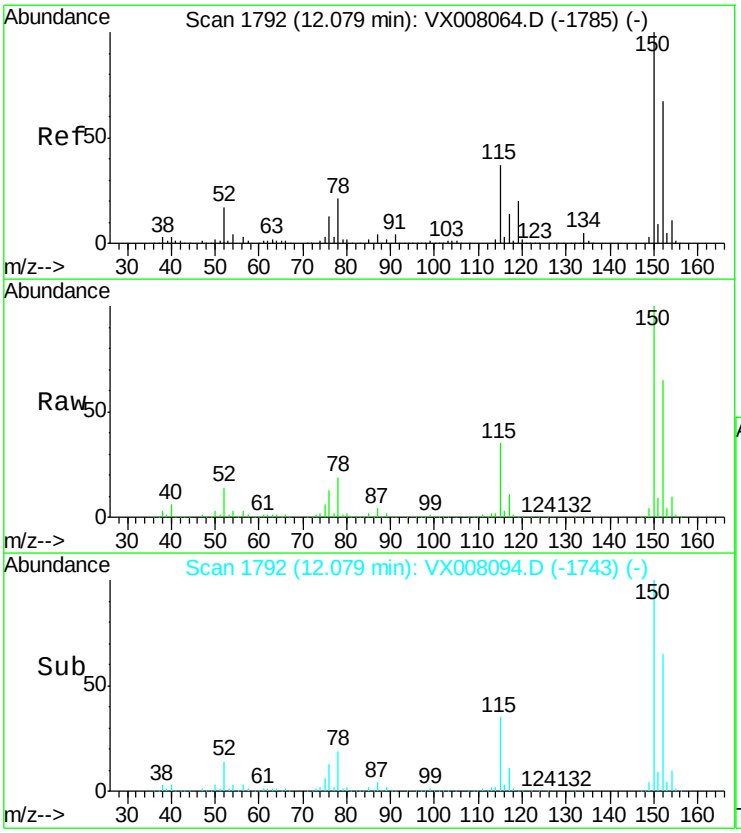
#64
Tetrachloroethene
Concen: 0.263 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument : MSVOA_X
ClientSampleId : TT101D1-20190307

Tgt Ion:164 Resp: 913

Ion	Ratio	Lower	Upper
164	100		
166	156.7	103.4	155.0#
129	105.9	72.2	108.4
131	91.5	69.4	104.2

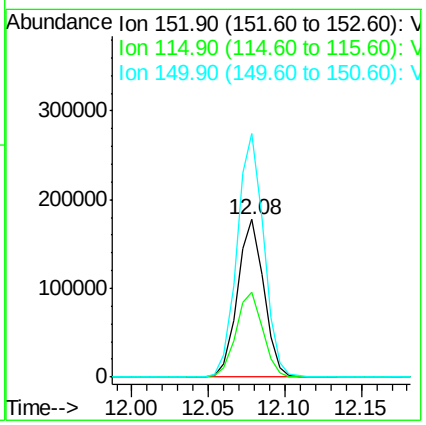


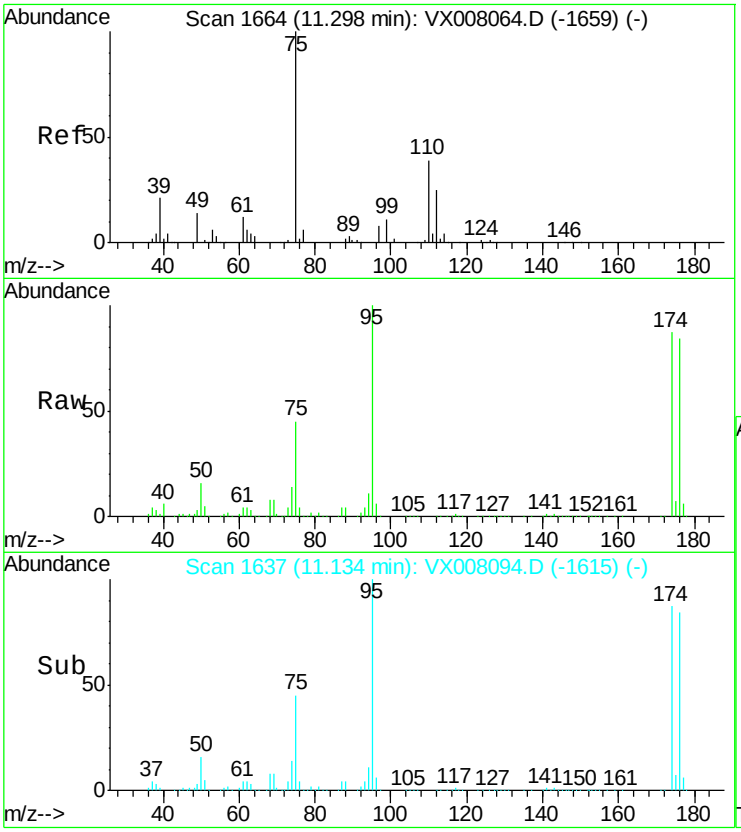


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion:152 Resp: 211742

Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.6	115.7
150	156.7	0.0	348.4



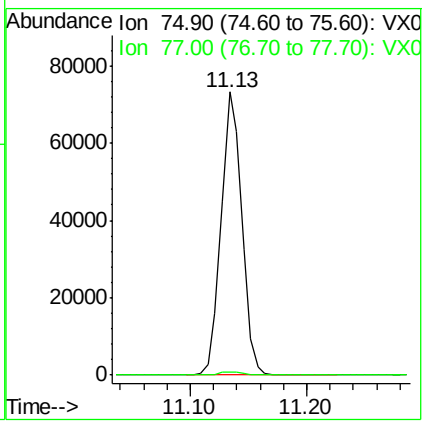


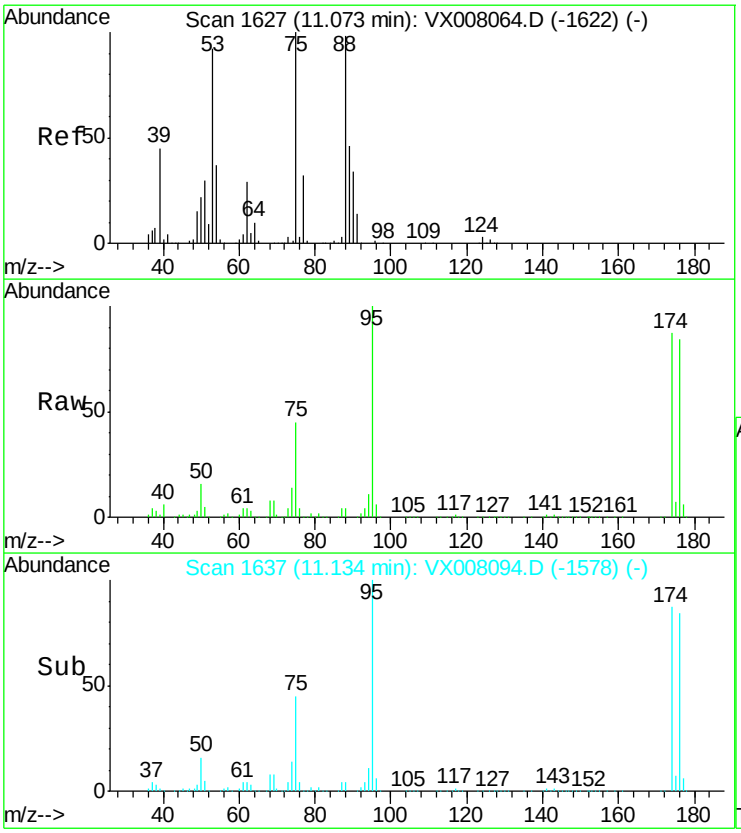
#76
1,2,3-Trichloropropane
Concen: 24.482 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20190307

Tgt Ion: 75 Resp: 90028

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.666 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008094.D
Acq: 15 Mar 2019 02:26

Tgt Ion: 75 Resp: 90028

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