Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008091.D
Acq On : 15 Mar 2019 01:06
Operator : JC/SP
Sample : K1839-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE104D1-20190307

Quant Time: Mar 15 04:30:45 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	300452	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	457332	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	439831	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217378	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	149961	49.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.96%				
35) Dibromofluoromethane	5.51	113	143941	49.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.26%				
50) Toluene-d8	8.71	98	555167	50.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.66%				
62) 4-Bromofluorobenzene	11.13	95	207332	52.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.94%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	288	Below Cal	#		71
6) Chloroethane	1.72	64	184	Below Cal	#		43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3131	1.292	ug/l		96
11) Tert butyl alcohol	3.03	59	3032	5.178	ug/l	#	77
12) 1,1-Dichloroethene	2.38	96	732	0.320	ug/l		95
16) Acetone	2.45	43	3672	2.566	ug/l		95
18) Methyl Acetate	2.79	43	815	0.264	ug/l	#	76
20) Methylene Chloride	2.86	84	543	0.212	ug/l		92
27) cis-1,2-Dichloroethene	4.60	96	1790	0.610	ug/l		87
31) Cyclohexane	5.67	56	4122	0.951	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	17123	4.551	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	24655	6.808	ug/l	#	17
39) Methylcyclohexane	7.21	83	1806	0.376	ug/l	#	1
44) Trichloroethene	7.21	130	175989	52.907	ug/l		97
49) 1,4-Dioxane	7.75	88	893	12.174	ug/l		95
60) Dibromochloromethane	9.34	129	7027	2.285	ug/l	#	11
64) Tetrachloroethene	9.34	164	7764	2.179	ug/l		98
76) 1,2,3-Trichloropropane	11.13	75	91174	24.151	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	91174	68.724	ug/l	#	11

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

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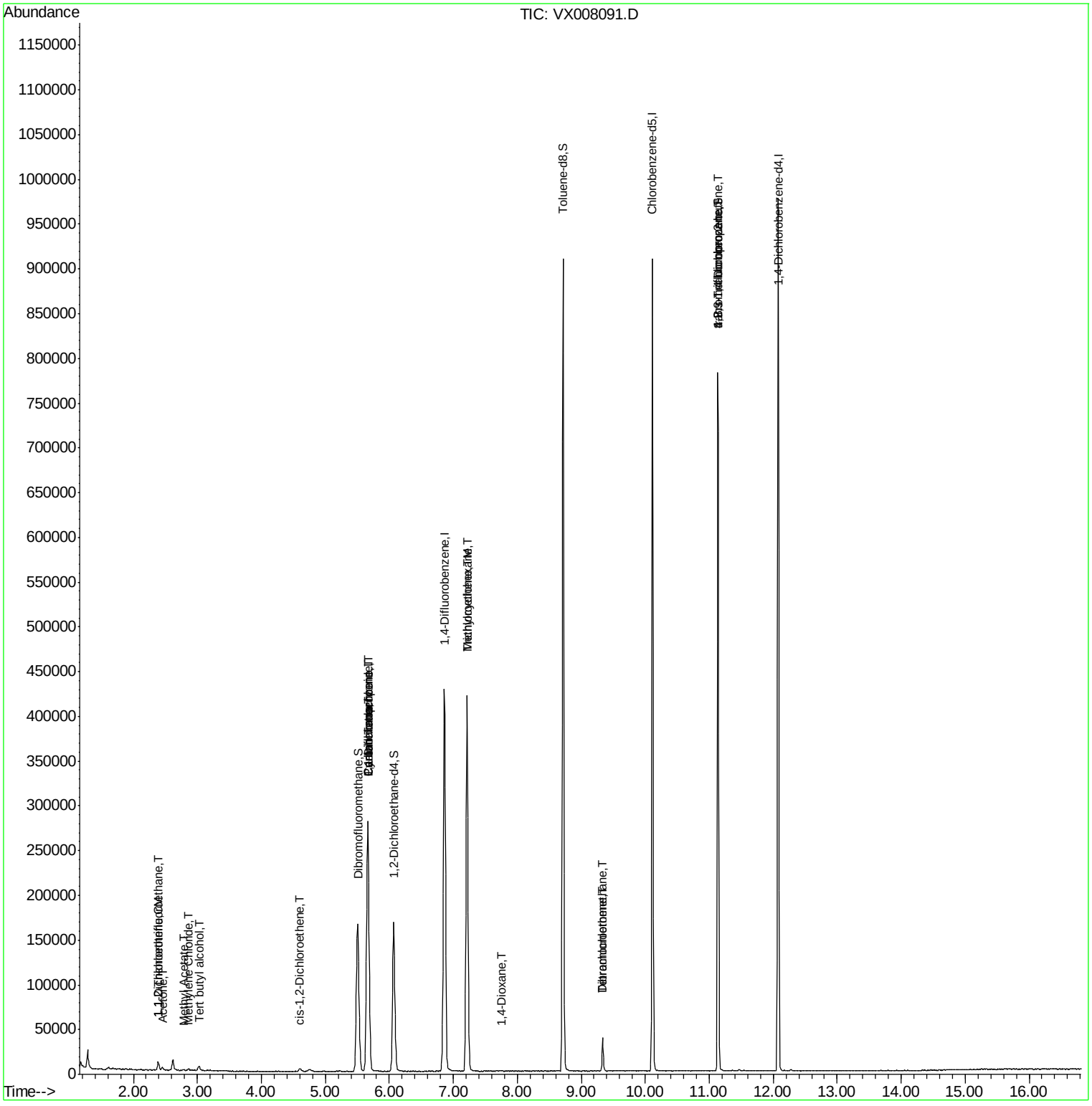
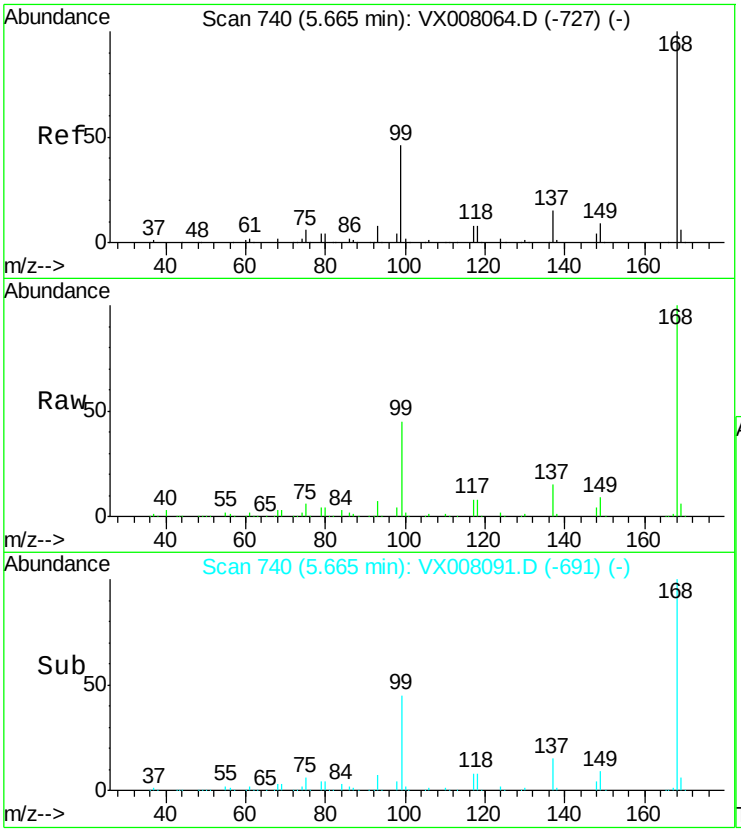


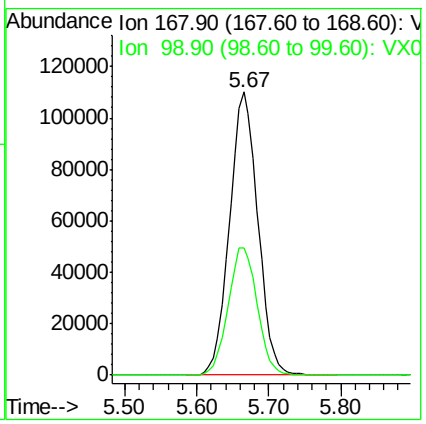


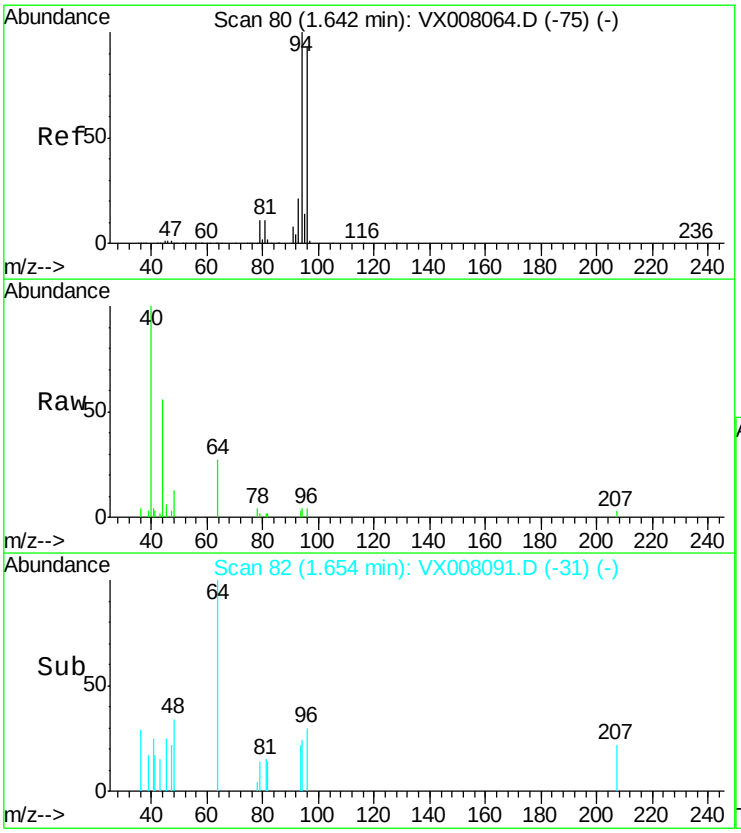
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190307

Tgt Ion:168 Resp: 300452

Ion	Ratio	Lower	Upper
168	100		
99	45.1	37.6	56.4

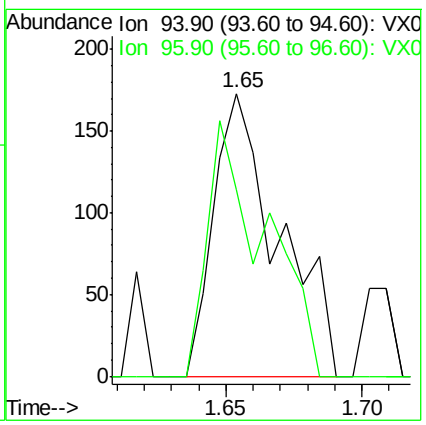


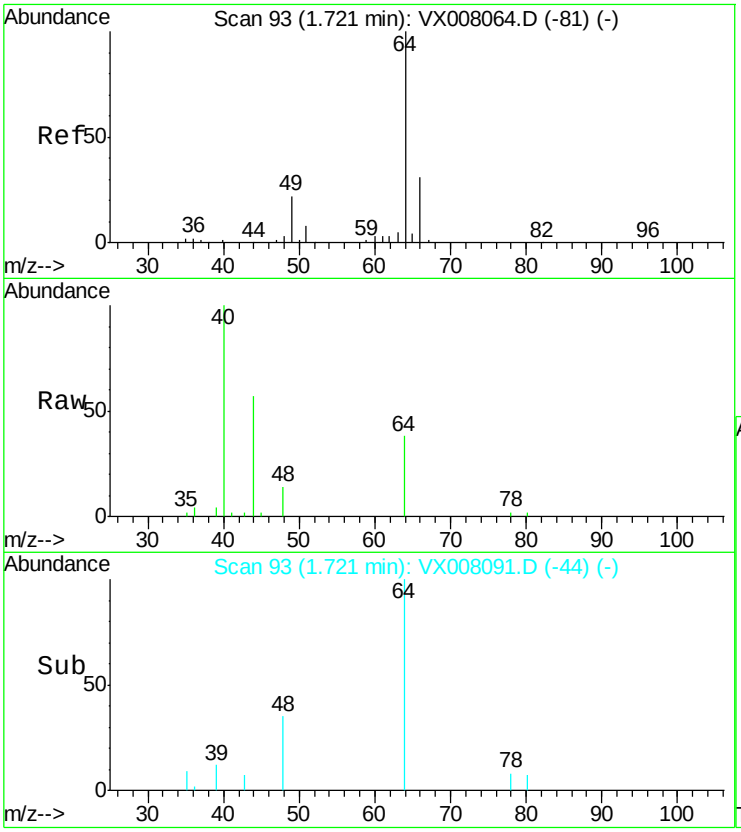


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion: 94 Resp: 288

Ion	Ratio	Lower	Upper
94	100		
96	65.9	75.5	113.3#



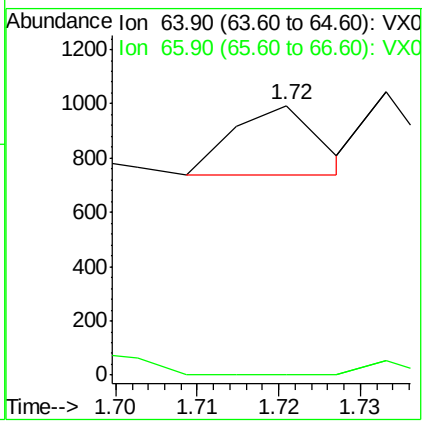


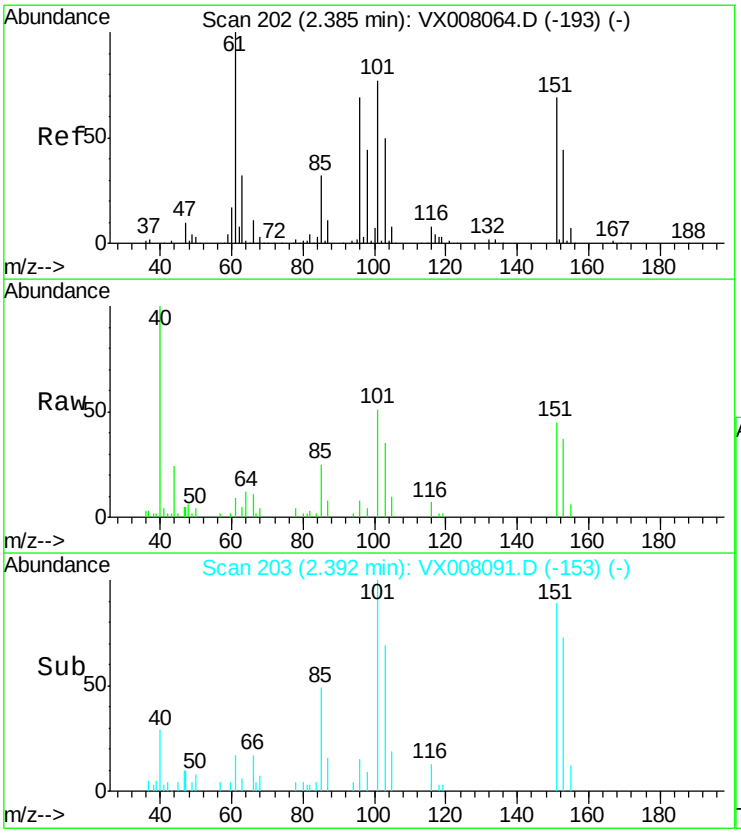
#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 93
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190307

Tgt Ion: 64 Resp: 184

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#

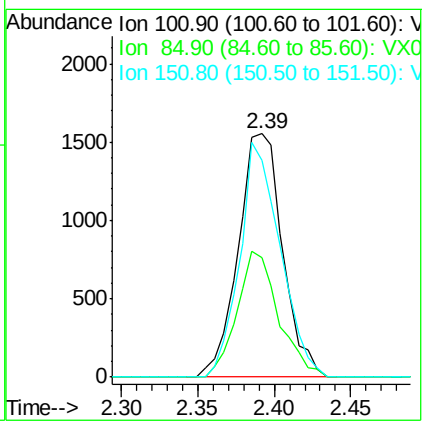


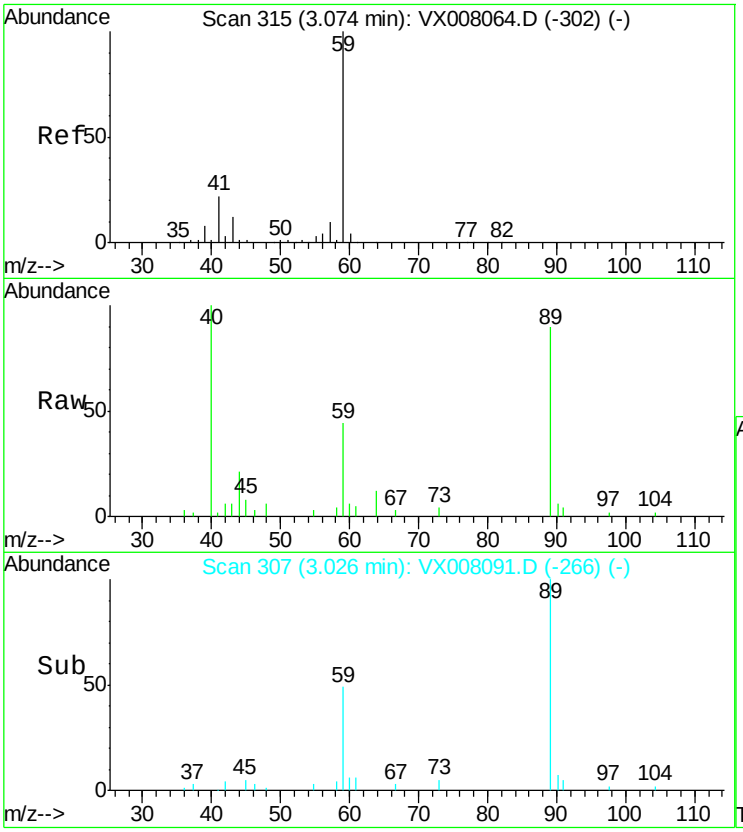


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.292 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion:101 Resp: 3131

Ion	Ratio	Lower	Upper
101	100		
85	48.2	33.8	50.6
151	88.0	69.1	103.7



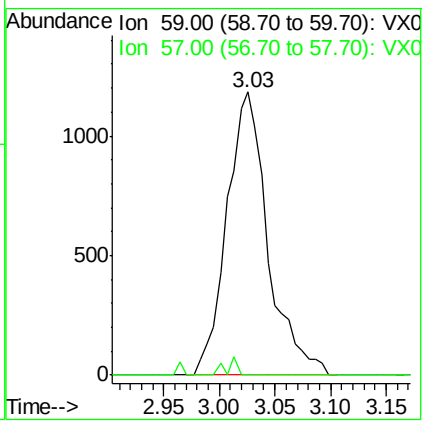


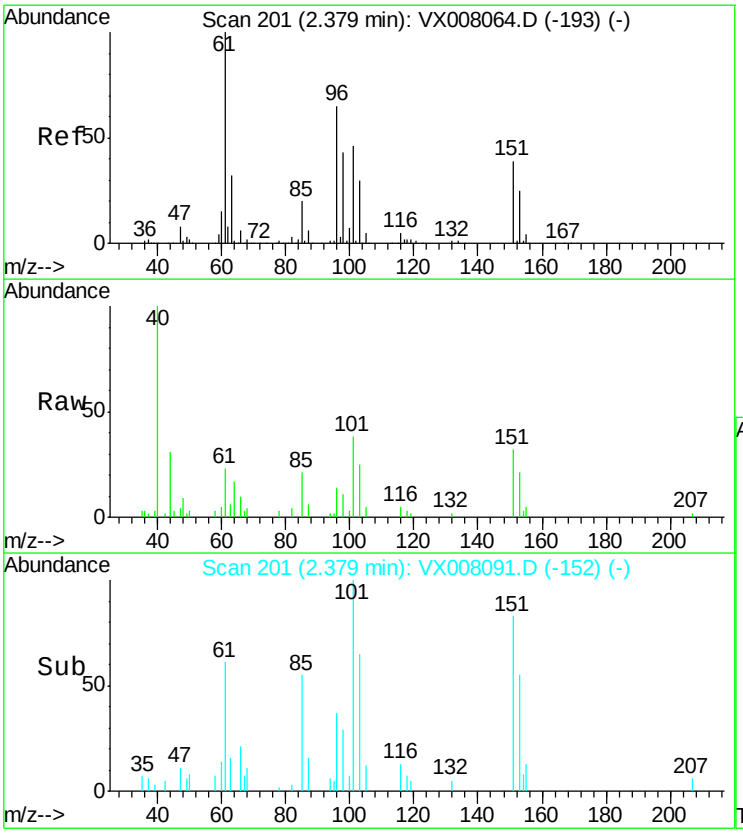
#11
Tert butyl alcohol
Concen: 5.178 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument : MSVOA_X
ClientSampleId : RE104D1-20190307

Tgt Ion: 59 Resp: 3032

Ion	Ratio	Lower	Upper
59	100		
57	1.6	8.2	12.2#

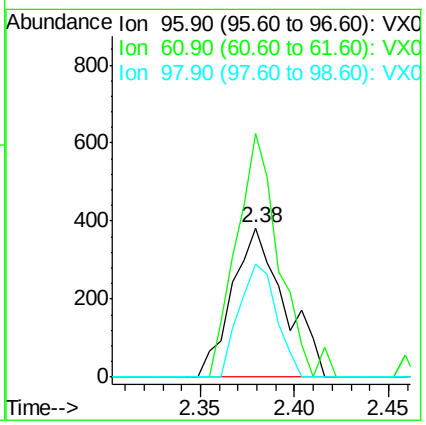


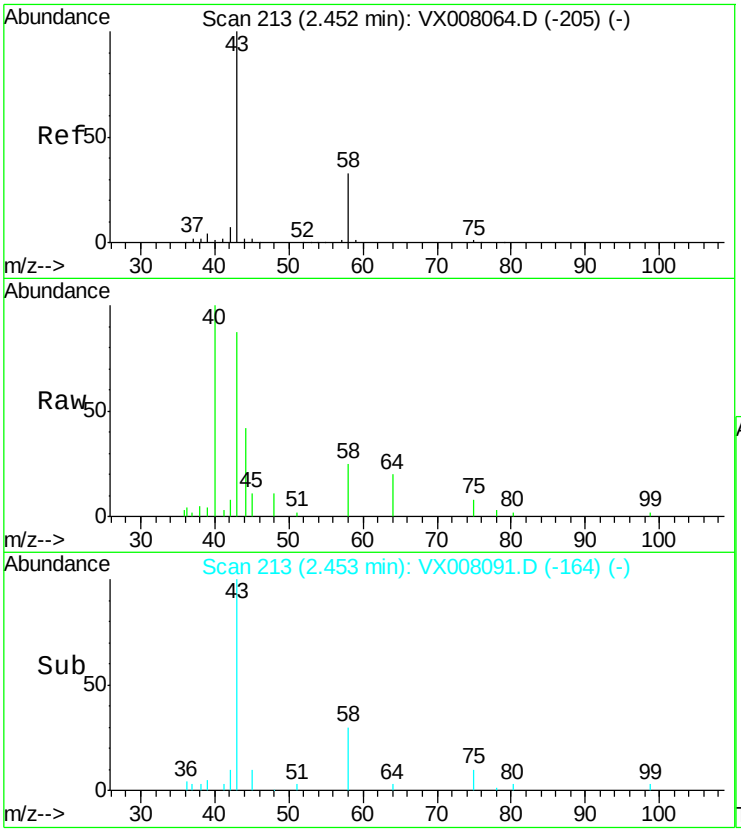


#12
1,1-Dichloroethene
Concen: 0.320 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion: 96 Resp: 732

Ion	Ratio	Lower	Upper
96	100		
61	163.4	129.8	194.6
98	76.2	51.0	76.6



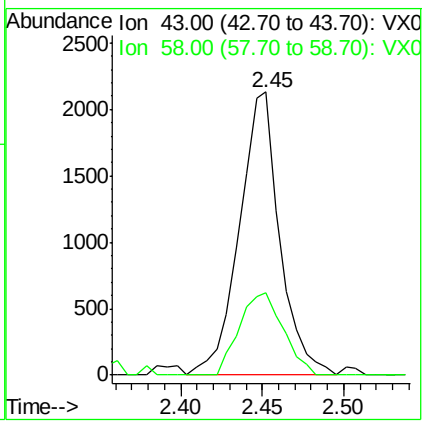


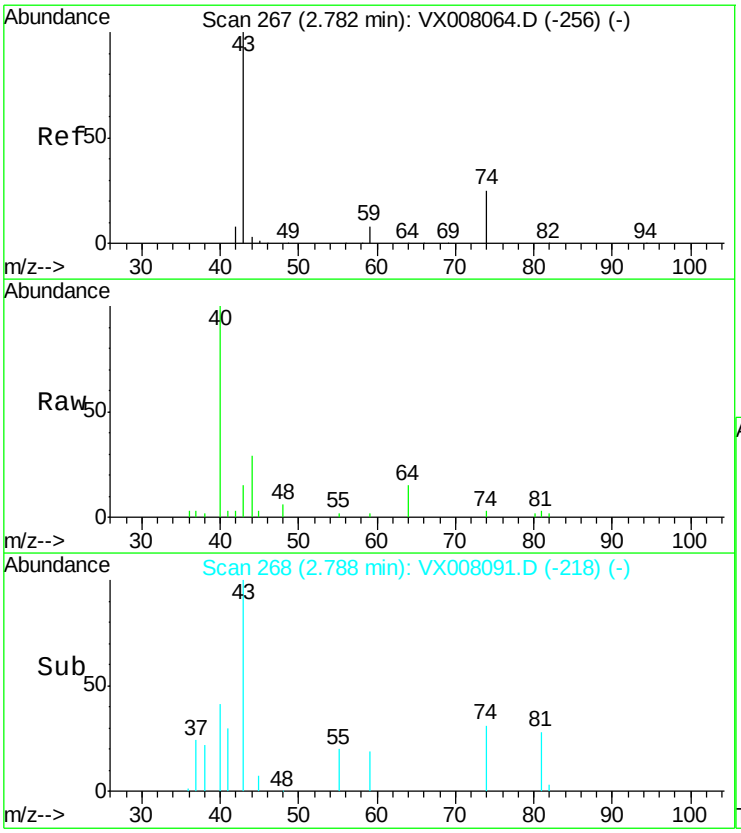
#16
Acetone
Concen: 2.566 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190307

Tgt Ion: 43 Resp: 3672

Ion	Ratio	Lower	Upper
43	100		
58	29.0	25.5	38.3

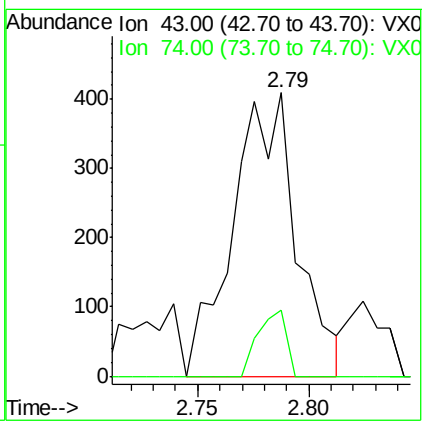


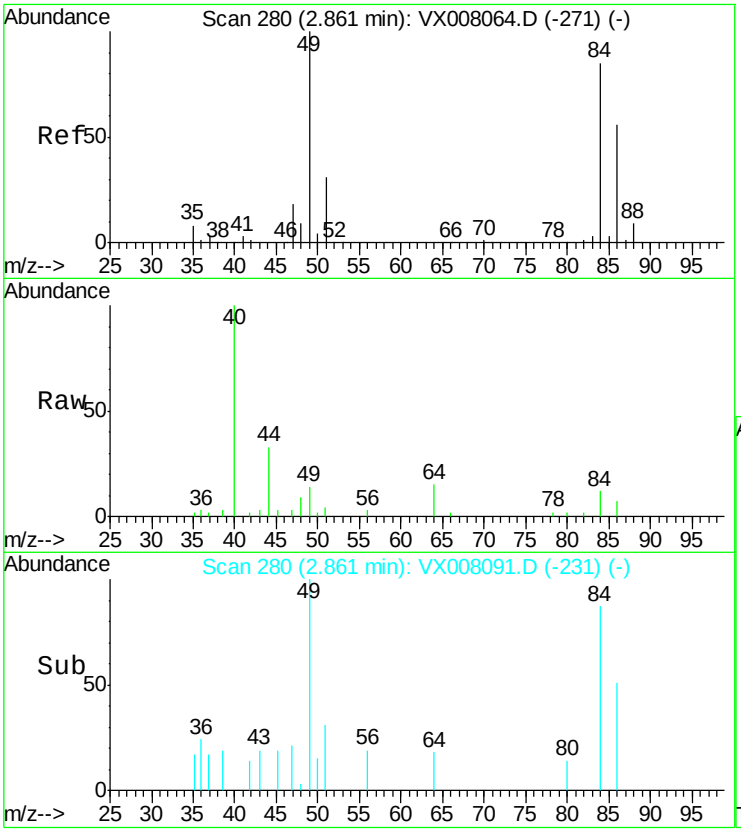


#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion: 43 Resp: 815

Ion	Ratio	Lower	Upper
43	100		
74	10.6	17.8	26.6#



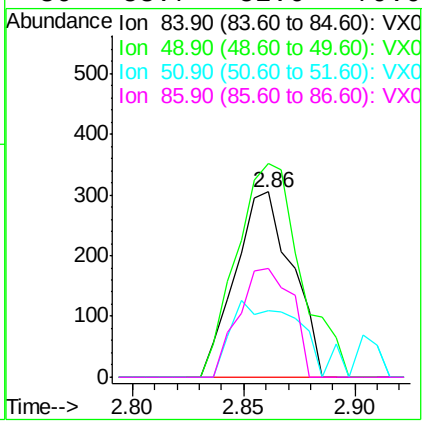


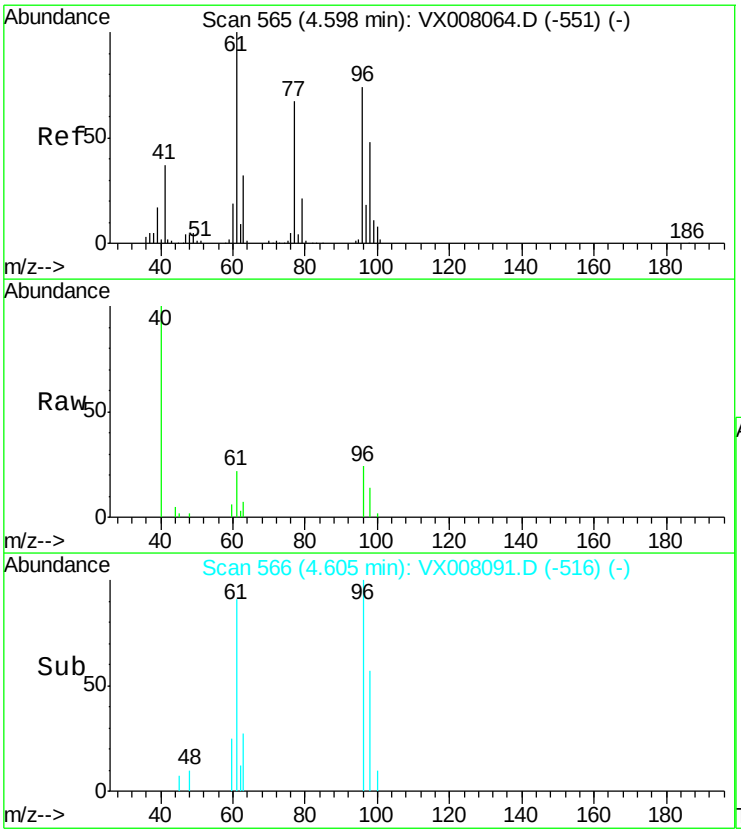
#20
Methylene Chloride
Concen: 0.212 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument : MSVOA_X
ClientSampleId : RE104D1-20190307

Tgt Ion: 84 Resp: 543

Ion	Ratio	Lower	Upper
84	100		
49	115.4	99.3	148.9
51	35.7	31.3	46.9
86	58.7	52.6	79.0

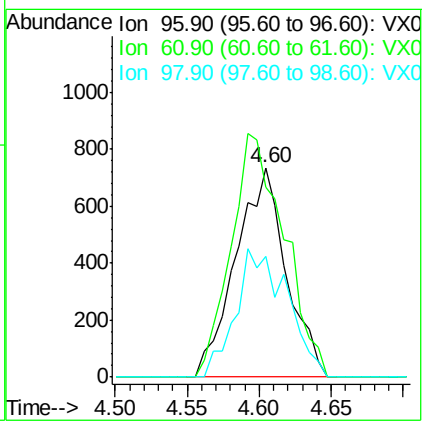


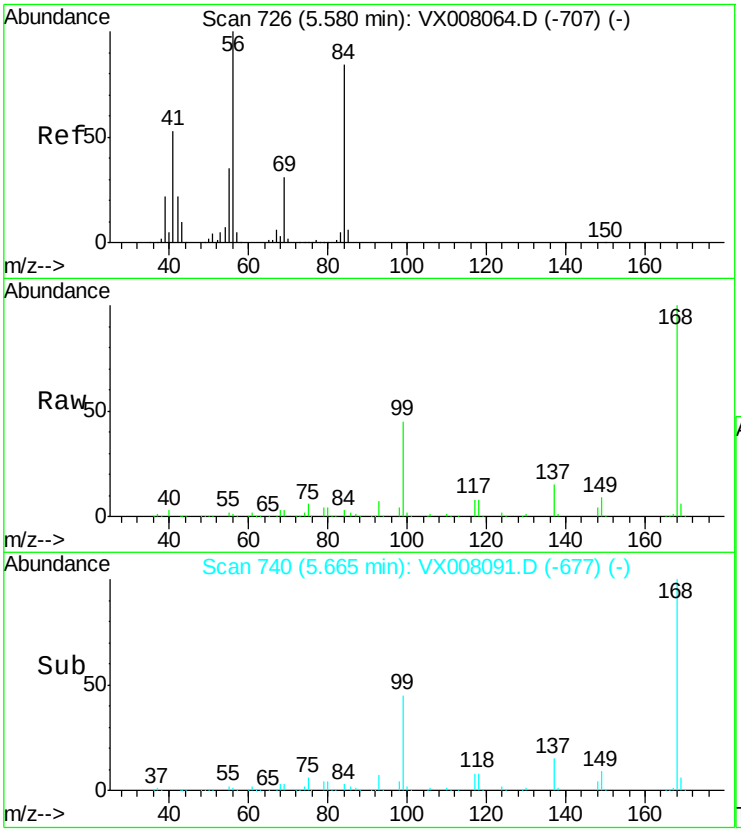


#27
cis-1,2-Dichloroethene
Concen: 0.610 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion: 96 Resp: 1790

Ion	Ratio	Lower	Upper
96	100		
61	122.8	0.0	288.0
98	61.9	0.0	129.0



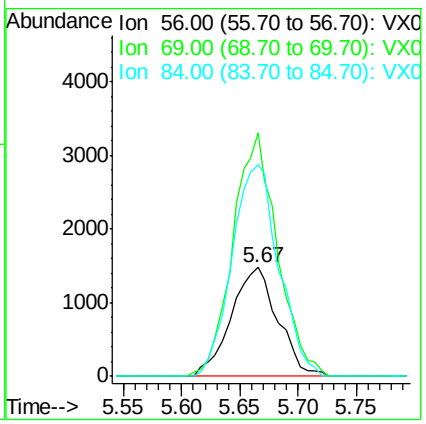


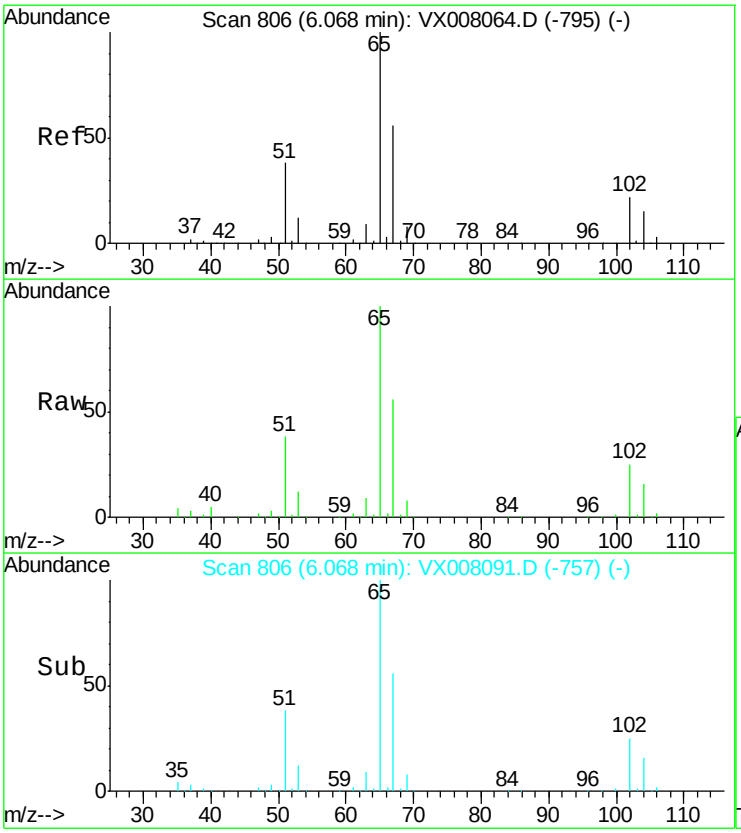
#31
Cyclohexane
Concen: 0.951 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument : MSVOA_X
ClientSampleId : RE104D1-20190307

Tgt Ion: 56 Resp: 4122

Ion	Ratio	Lower	Upper
56	100		
69	223.9	24.0	36.0#
84	194.2	65.3	97.9#

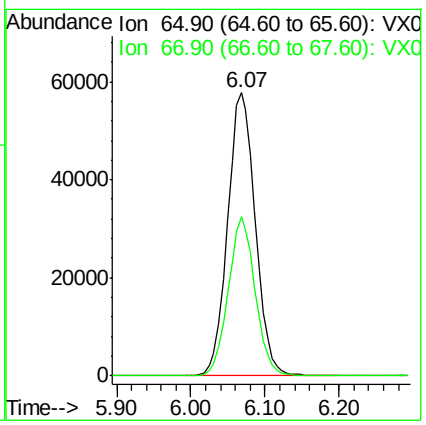


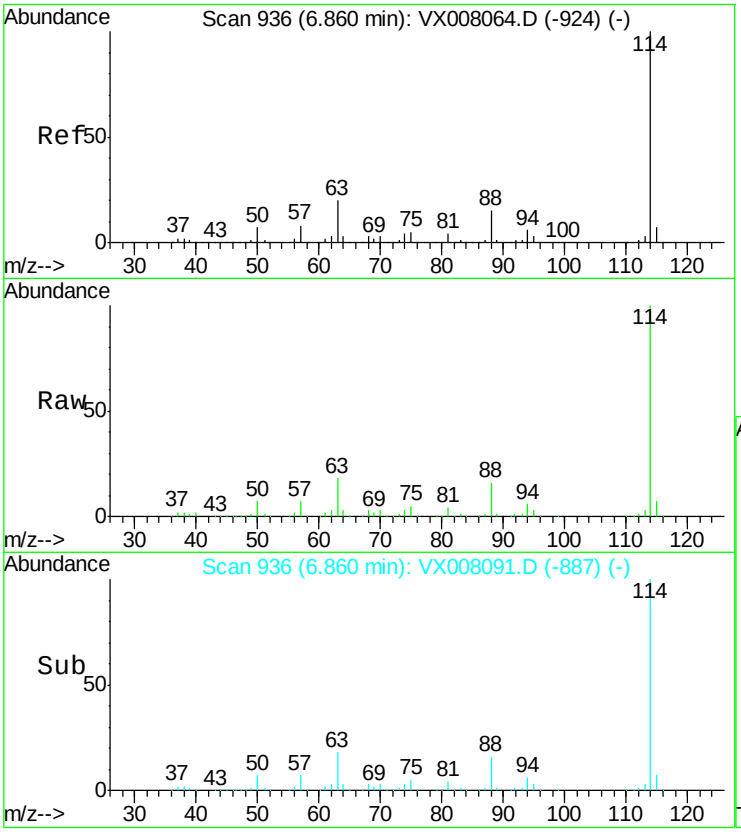


#33
1,2-Dichloroethane-d4
Concen: 49.479 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion: 65 Resp: 149961

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.0



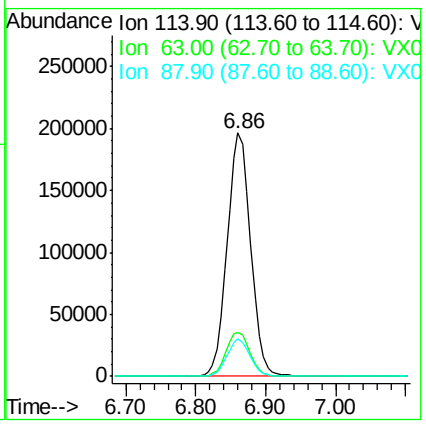


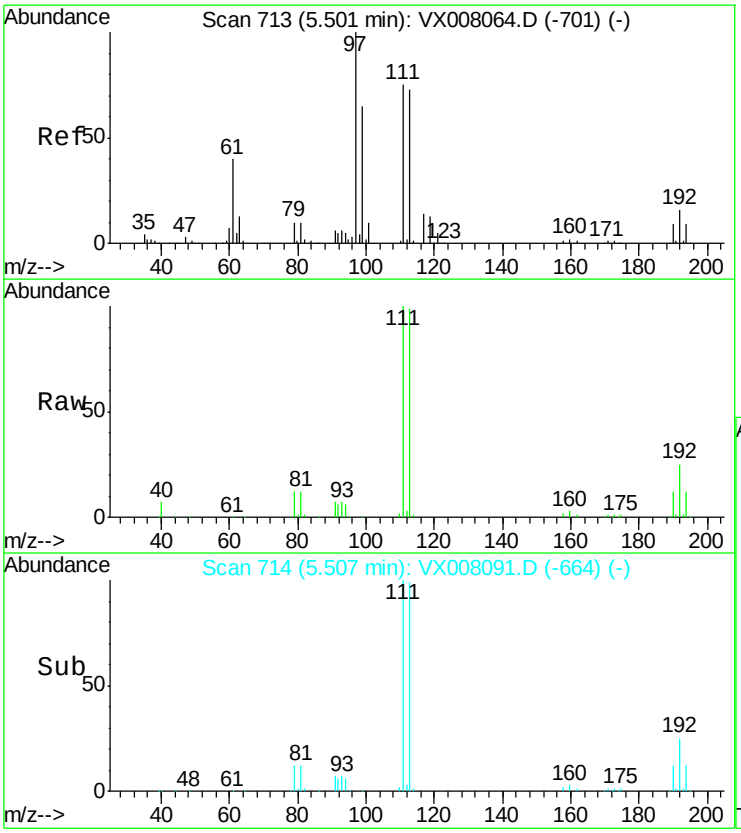
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190307

Tgt Ion:114 Resp: 457332

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	39.8
88	15.6	0.0	31.4

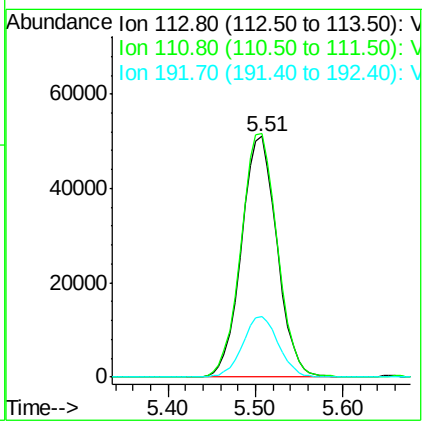


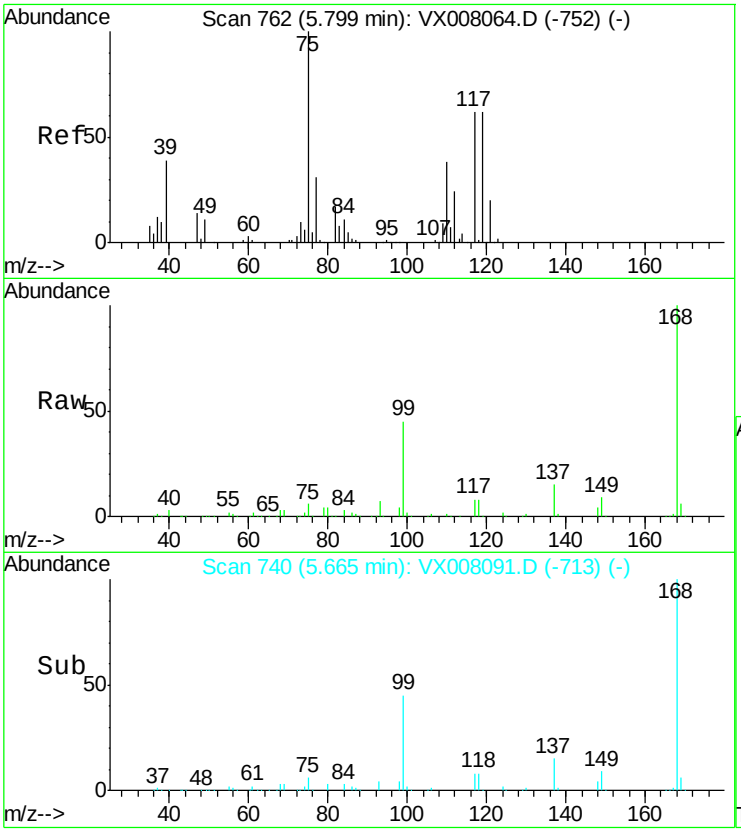


#35
Dibromofluoromethane
Concen: 49.632 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion:113 Resp: 143941

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	25.4	19.4	29.0



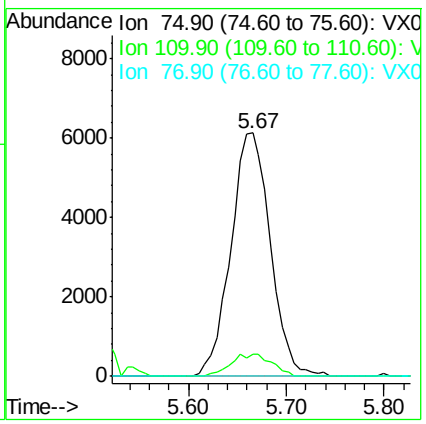


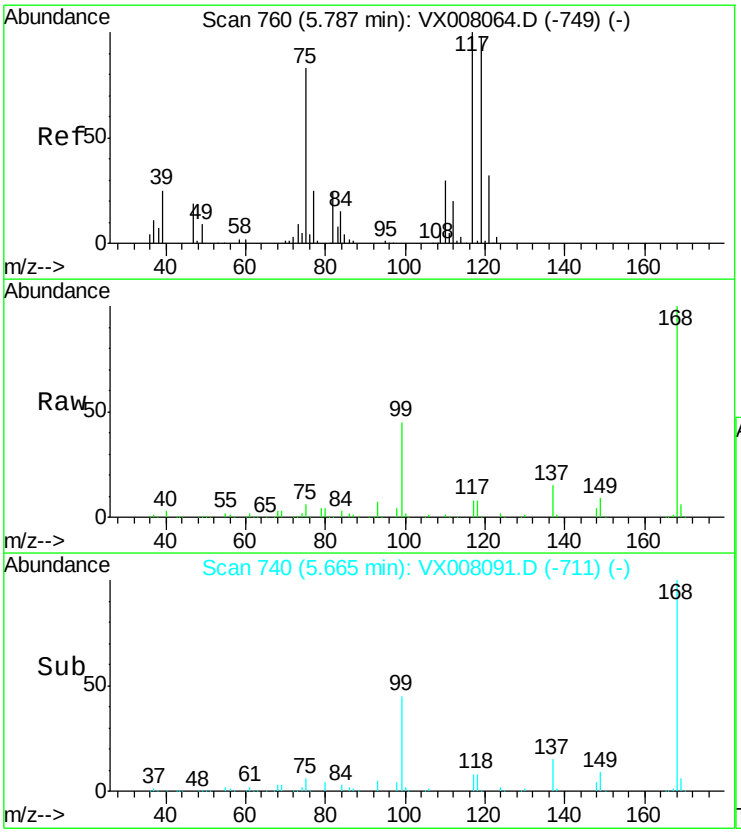
#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190307

Tgt Ion: 75 Resp: 17123

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

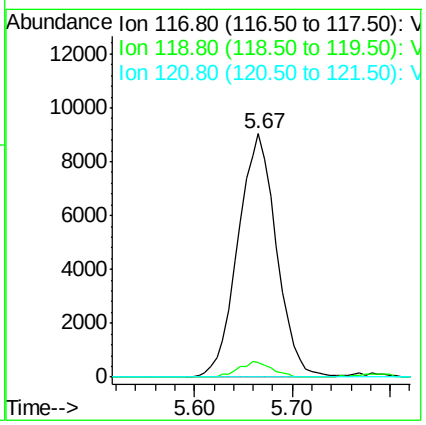


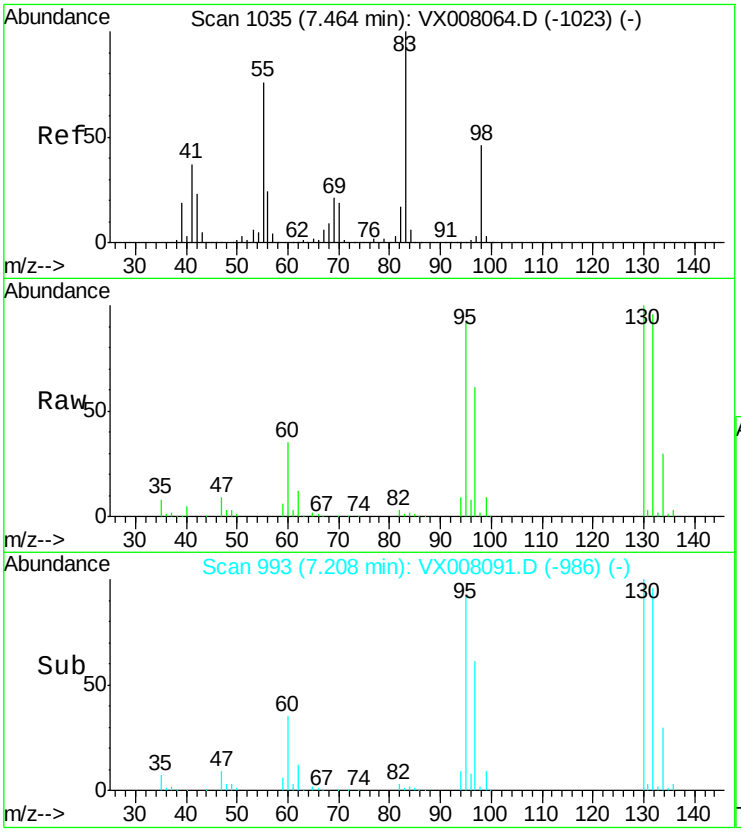


#38
Carbon Tetrachloride
Concen: 6.808 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion:117 Resp: 24655

Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.2	114.2#
121	0.0	24.6	36.8#



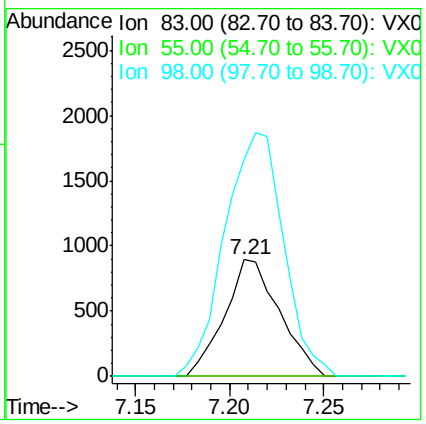


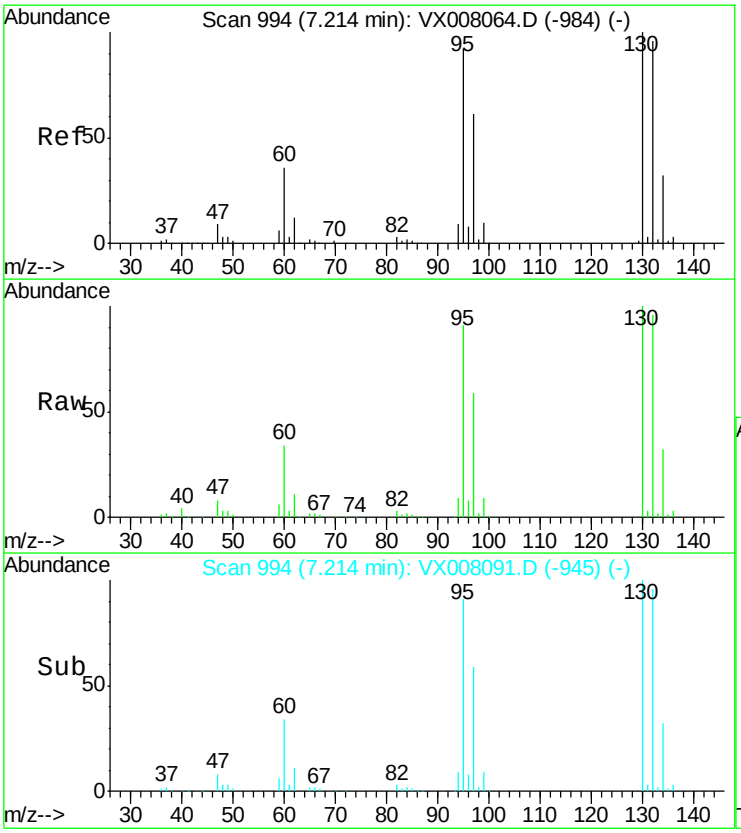
#39
Methylcyclohexane
Concen: 0.376 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.26 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190307

Tgt Ion: 83 Resp: 1806

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	185.9	36.5	54.7#

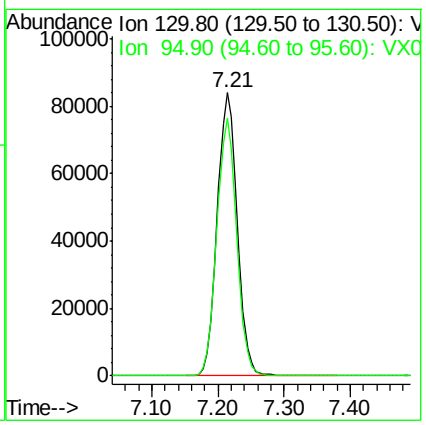


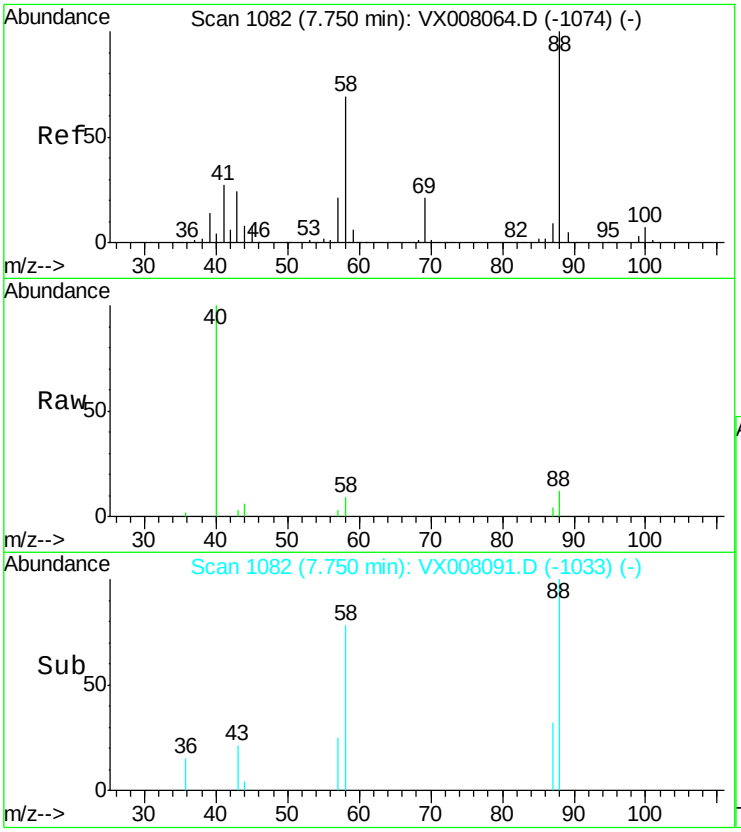


#44
Trichloroethene
Concen: 52.907 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion:130 Resp: 175989

Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	188.0



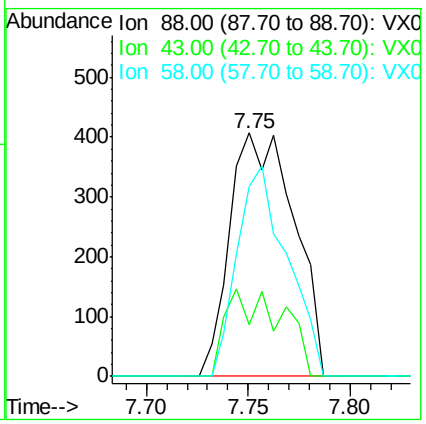


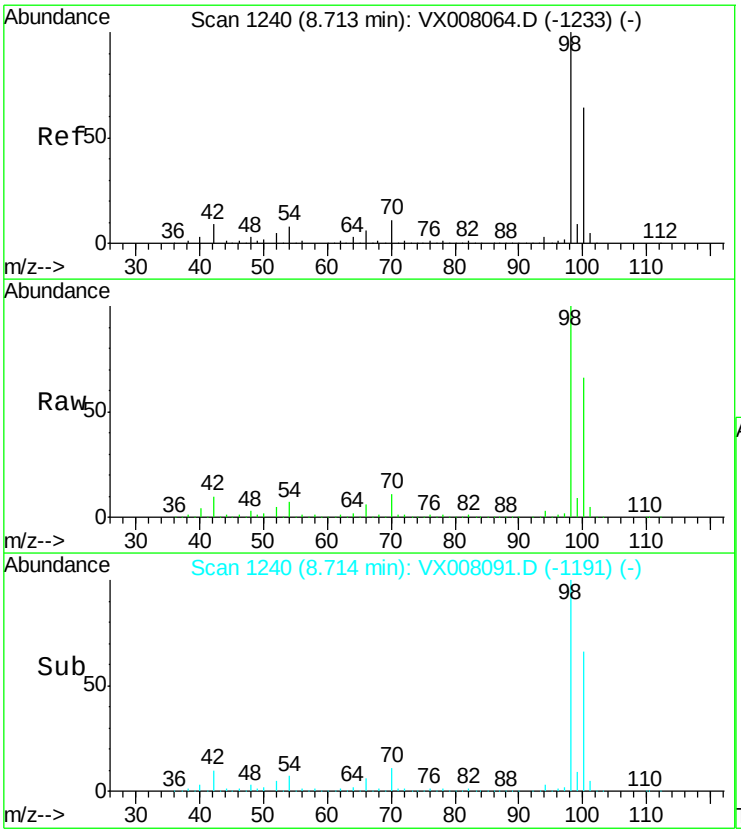
#49
1,4-Dioxane
Concen: 12.174 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument : MSVOA_X
ClientSampleId : RE104D1-20190307

Tgt Ion: 88 Resp: 893

Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.1	37.7
58	67.0	57.8	86.6

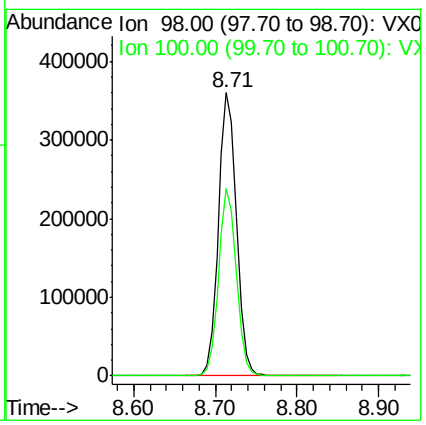


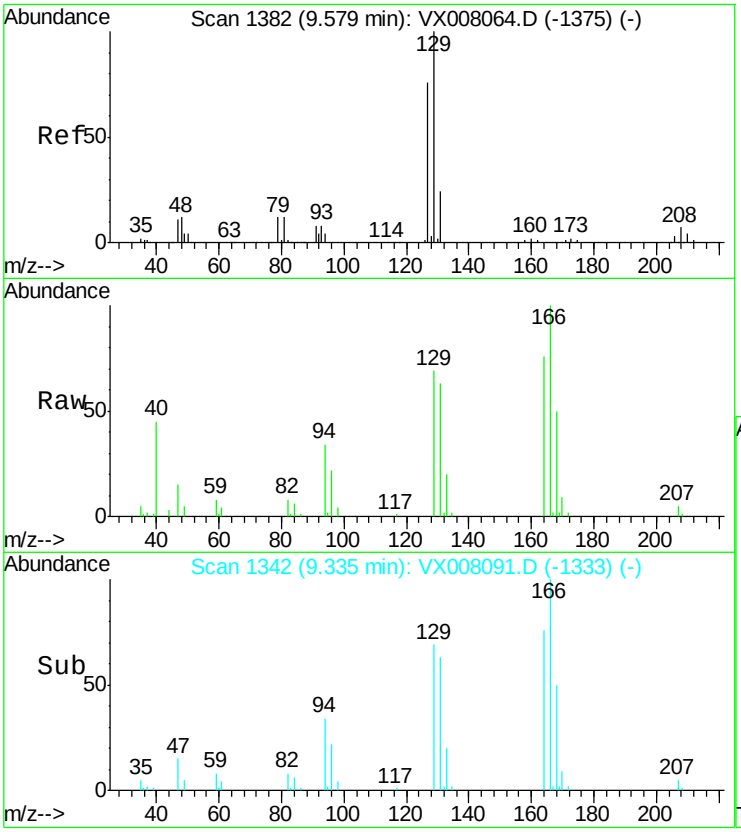


#50
Toluene-d8
Concen: 50.332 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion: 98 Resp: 555167

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5



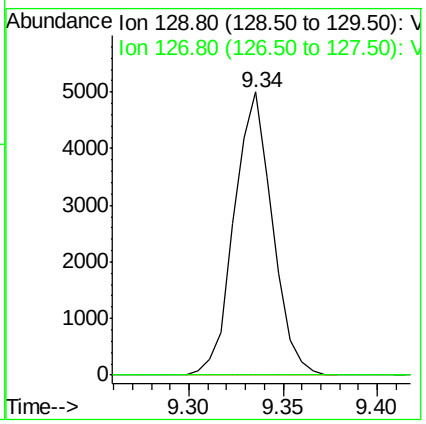


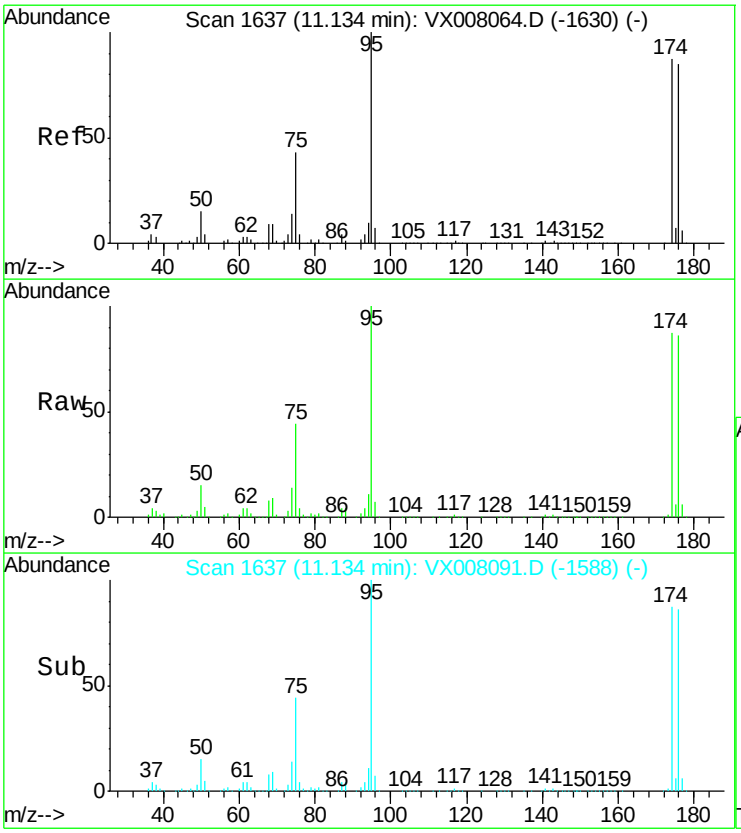
#60
Dibromochloromethane
Concen: 2.285 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190307

Tgt Ion:129 Resp: 7027

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#

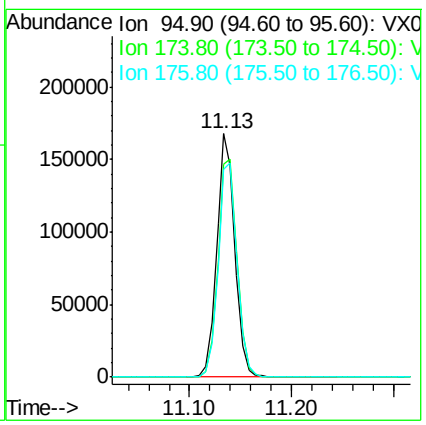


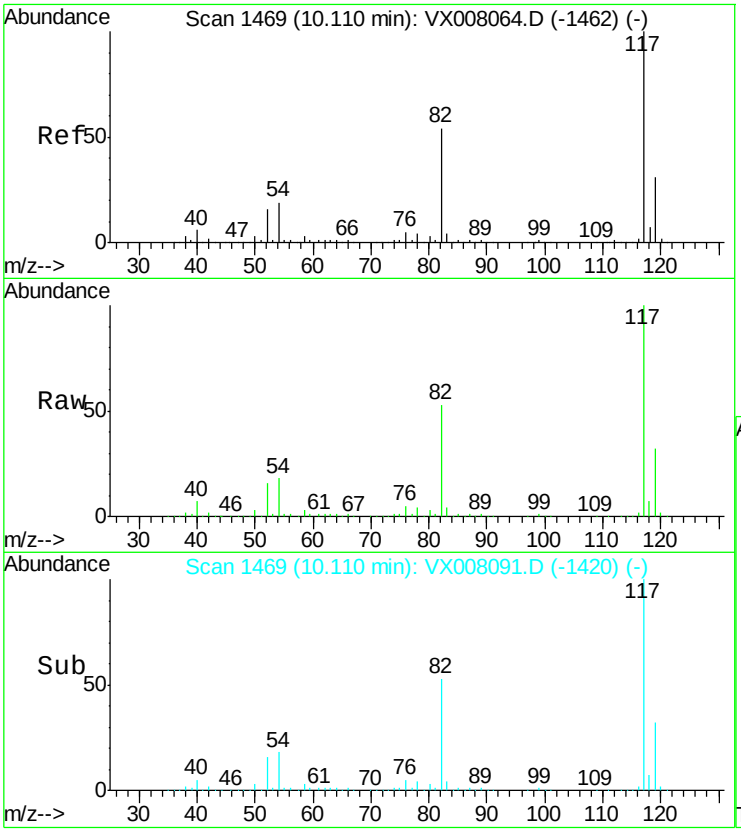


#62
4-Bromofluorobenzene
Concen: 52.471 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion: 95 Resp: 207332

Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	182.8
176	92.2	0.0	178.0



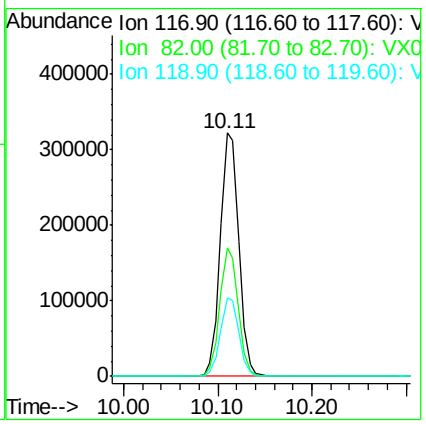


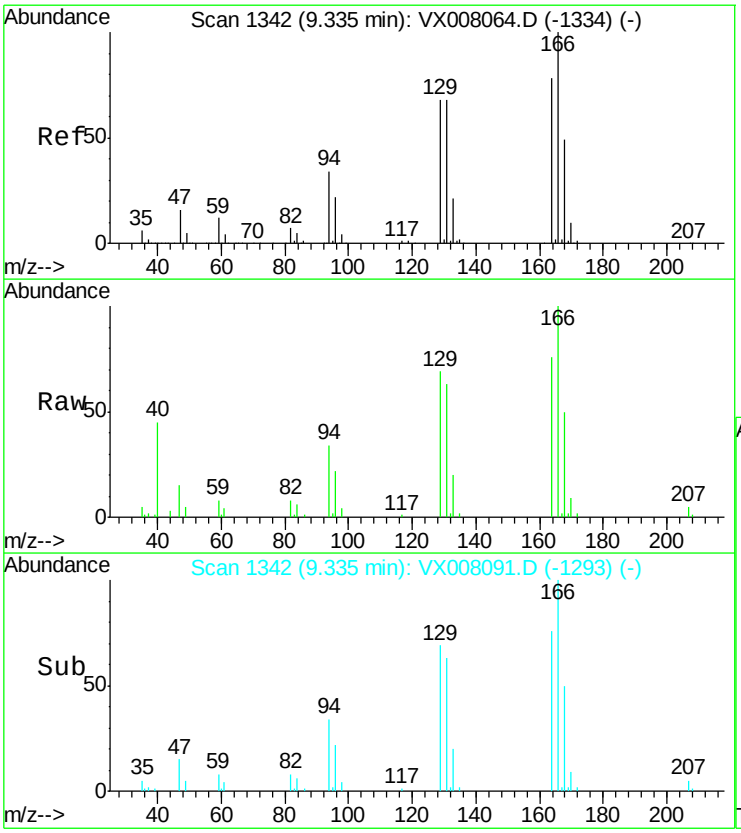
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument : MSVOA_X
ClientSampleId : RE104D1-20190307

Tgt Ion:117 Resp: 439831

Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.3	66.5
119	32.3	25.3	37.9

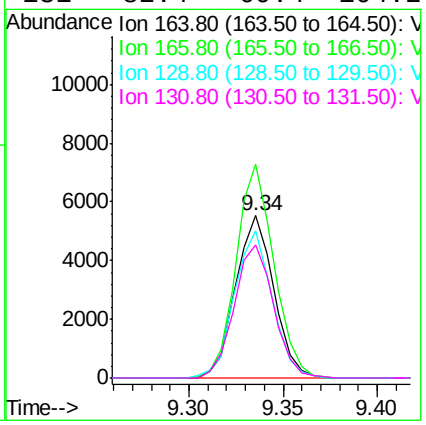


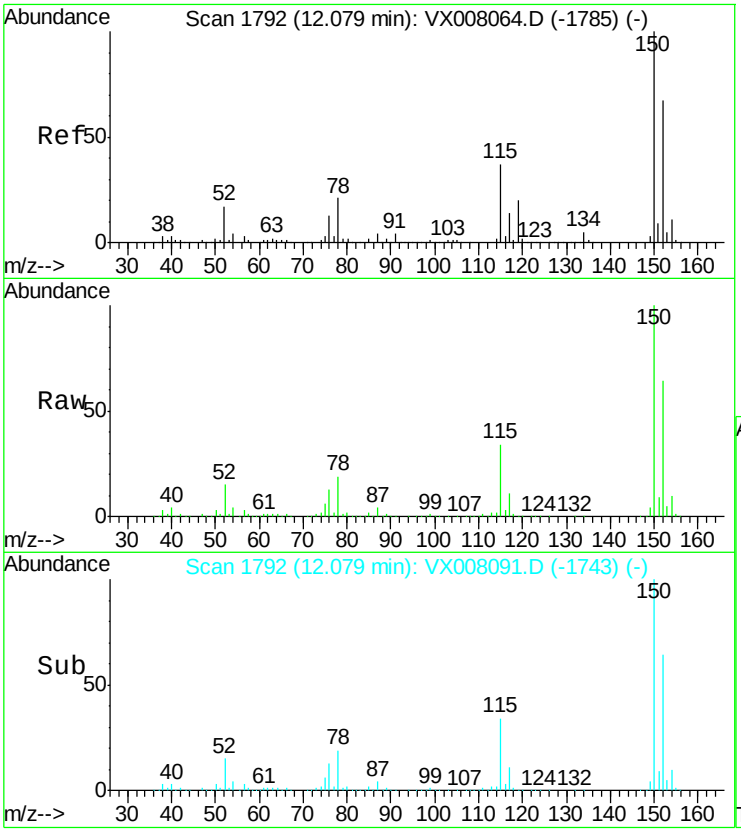


#64
Tetrachloroethene
Concen: 2.179 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion:164 Resp: 7764

Ion	Ratio	Lower	Upper
164	100		
166	131.6	103.4	155.0
129	90.3	72.2	108.4
131	82.4	69.4	104.2



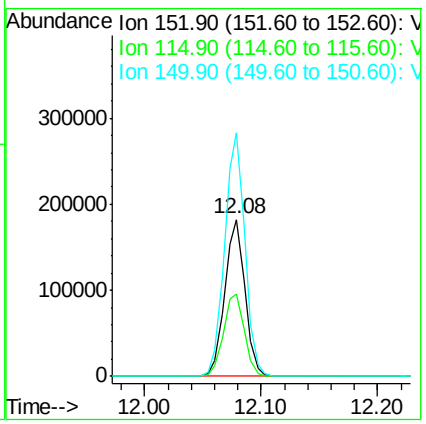


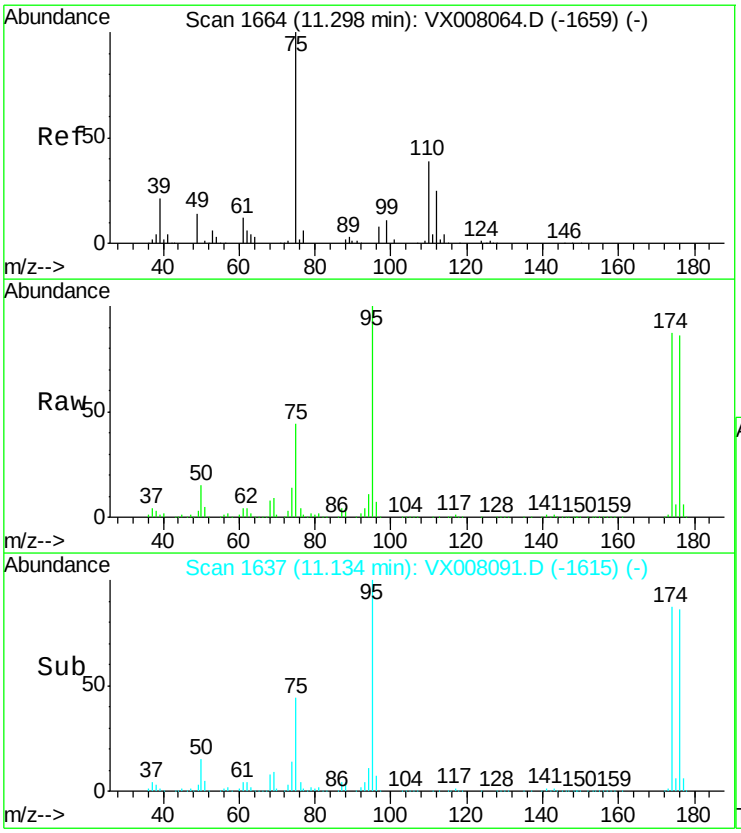
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190307

Tgt Ion:152 Resp: 217378

Ion	Ratio	Lower	Upper
152	100		
115	54.4	38.6	115.7
150	156.3	0.0	348.4

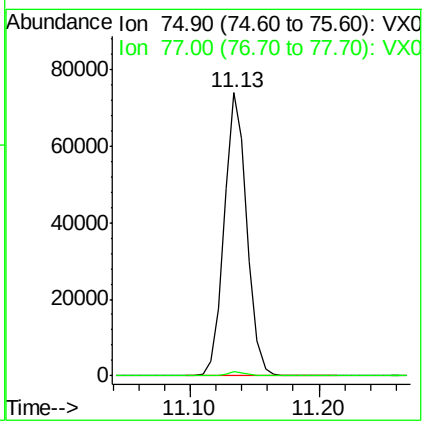


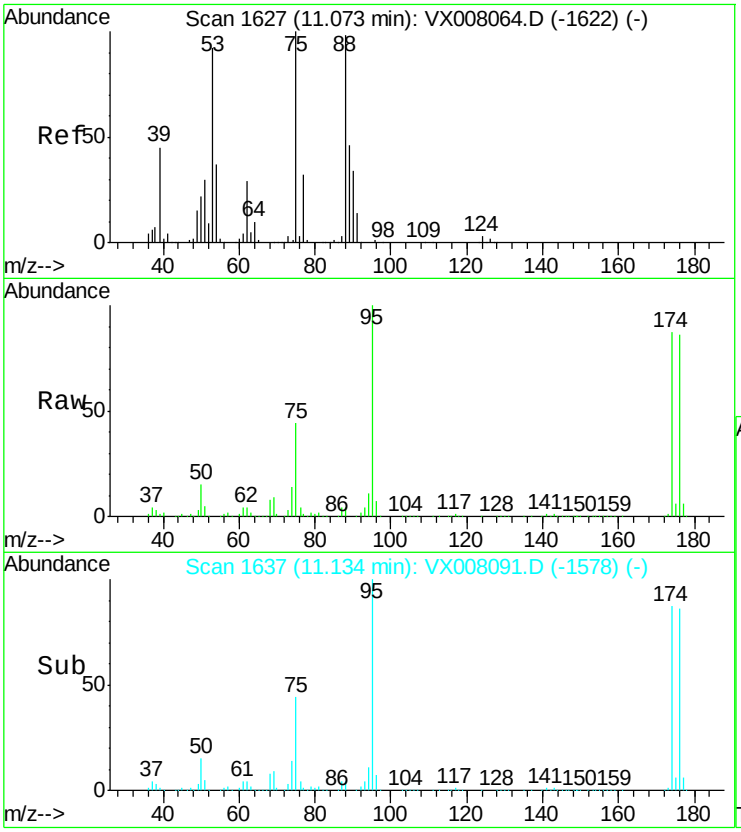


#76
1,2,3-Trichloropropane
Concen: 24.151 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Tgt Ion: 75 Resp: 91174

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.724 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008091.D
Acq: 15 Mar 2019 01:06

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20190307

Tgt Ion: 75 Resp: 91174

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