Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007984.D
Acq On : 11 Mar 2019 21:36
Operator : JC/SP
Sample : K1841-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE125D3-20190308

Quant Time: Mar 12 08:42:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	363311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136085	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.50%			
35) Dibromofluoromethane	5.51	113	126971	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.58%			
50) Toluene-d8	8.71	98	470076	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.42%			
62) 4-Bromofluorobenzene	11.13	95	170955	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	658	0.312	ug/l	100
5) Bromomethane	1.65	94	138	Below Cal	#	66
6) Chloroethane	1.70	64	397	0.221	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87676	40.232	ug/l	99
11) Tert butyl alcohol	3.02	59	739	1.269	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	2092	0.996	ug/l	95
13) Acrolein	2.29	56	21	1.605	ug/l #	44
16) Acetone	2.45	43	3819	2.533	ug/l	94
17) Carbon Disulfide	2.57	76	484	Below Cal	#	25
24) 1,1-Dichloroethane	3.70	63	1024	0.235	ug/l #	83
27) cis-1,2-Dichloroethene	4.60	96	5347	2.022	ug/l	89
29) Tetrahydrofuran	5.17	42	397	0.298	ug/l #	56
30) Chloroform	5.21	83	1561	0.379	ug/l #	83
31) Cyclohexane	5.66	56	3655	0.913	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15379	4.389	ug/l #	49
38) Carbon Tetrachloride	5.79	117	1697	0.510	ug/l #	76
39) Methylcyclohexane	7.21	83	5848	1.377	ug/l #	1
44) Trichloroethene	7.21	130	550409	191.466	ug/l	99
49) 1,4-Dioxane	7.76	88	551	8.290	ug/l	96
51) 4-Methyl-2-Pentanone	8.71	43	1883	0.476	ug/l #	1
60) Dibromochloromethane	9.34	129	9755	3.620	ug/l #	11
64) Tetrachloroethene	9.34	164	10869	3.610	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	77878	20.962	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	77878	67.004	ug/l #	11

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

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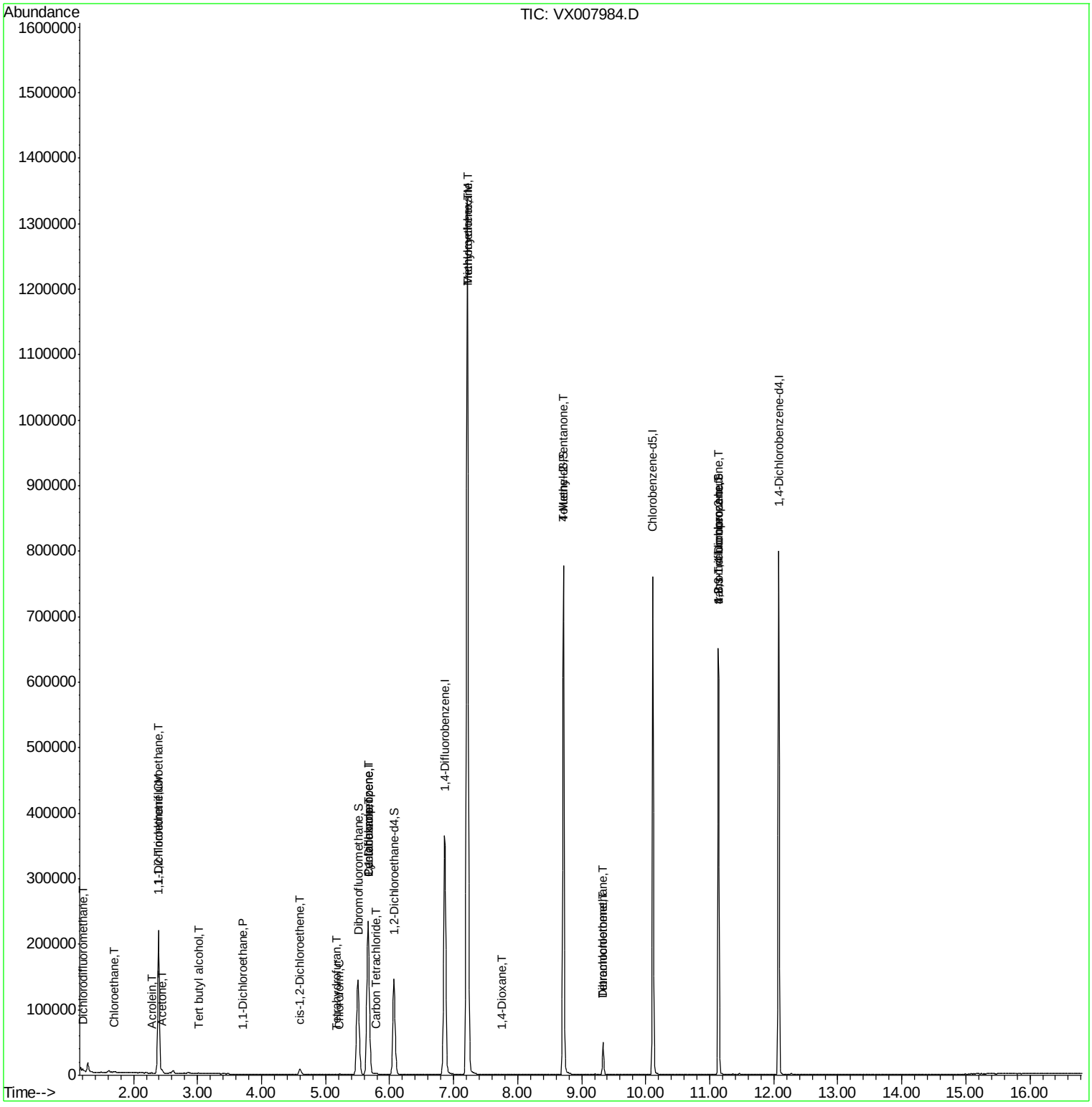
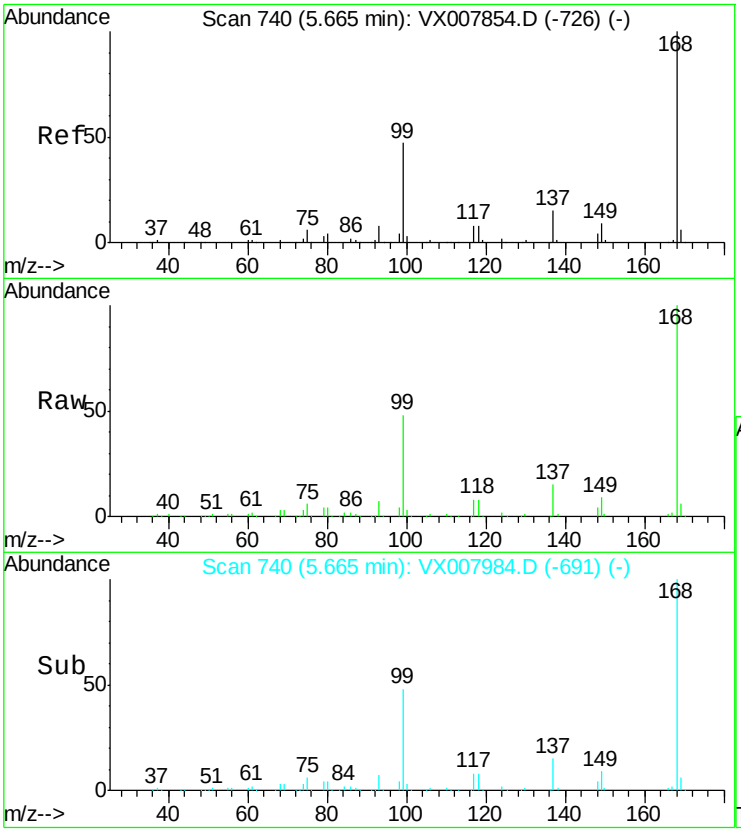


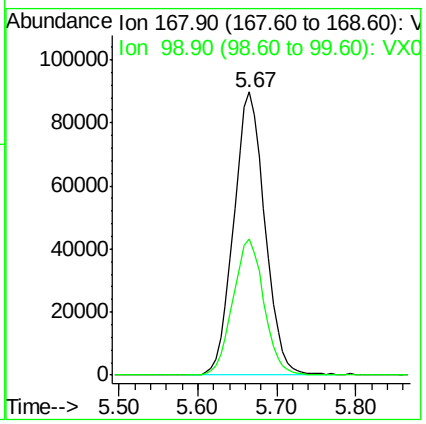


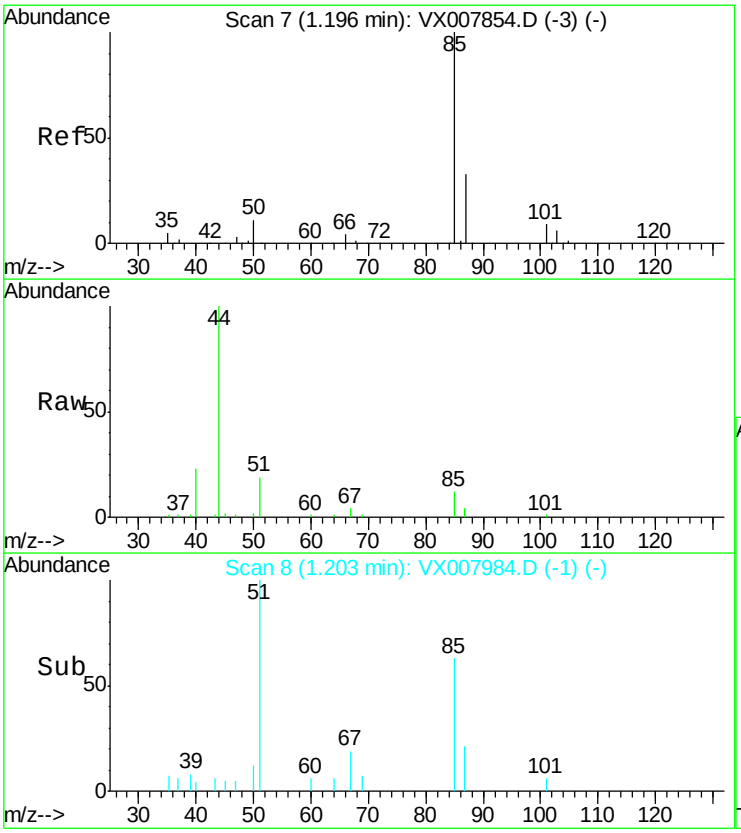
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion:168 Resp: 246900

Ion	Ratio	Lower	Upper
168	100		
99	47.9	37.6	56.4

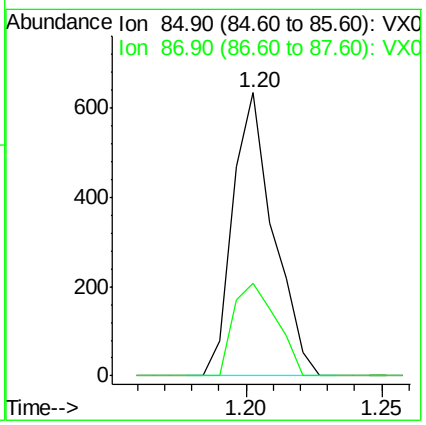


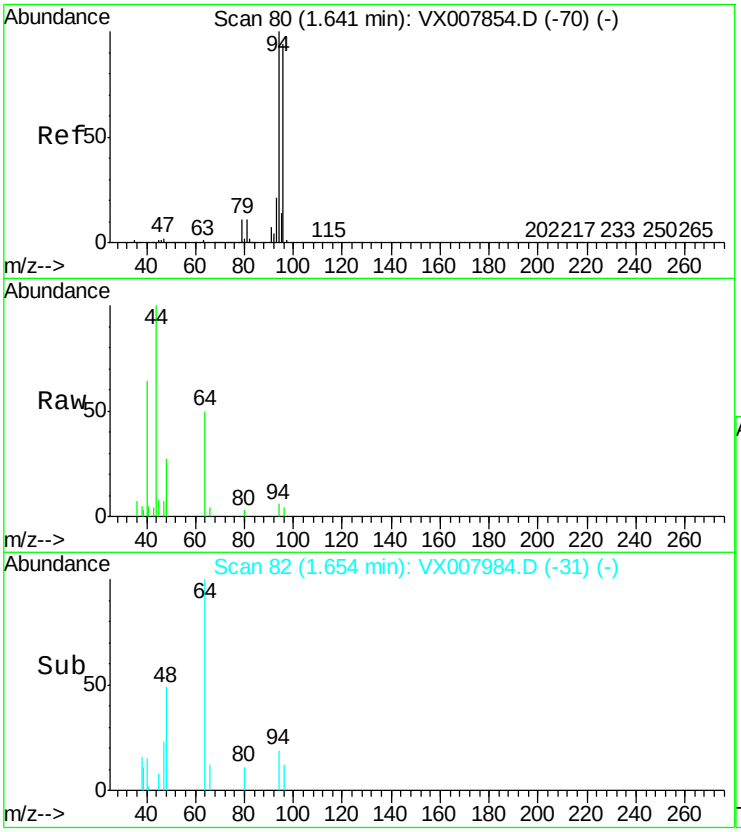


#2
Dichlorodifluoromethane
Concen: 0.312 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 85 Resp: 658

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.4	49.1



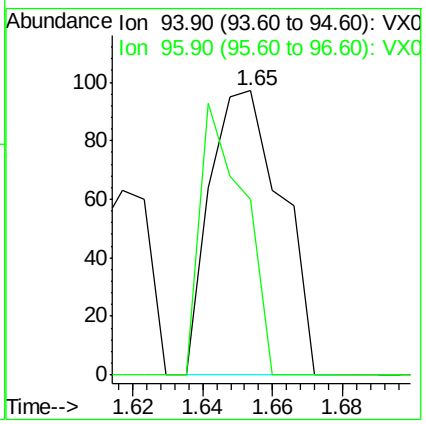


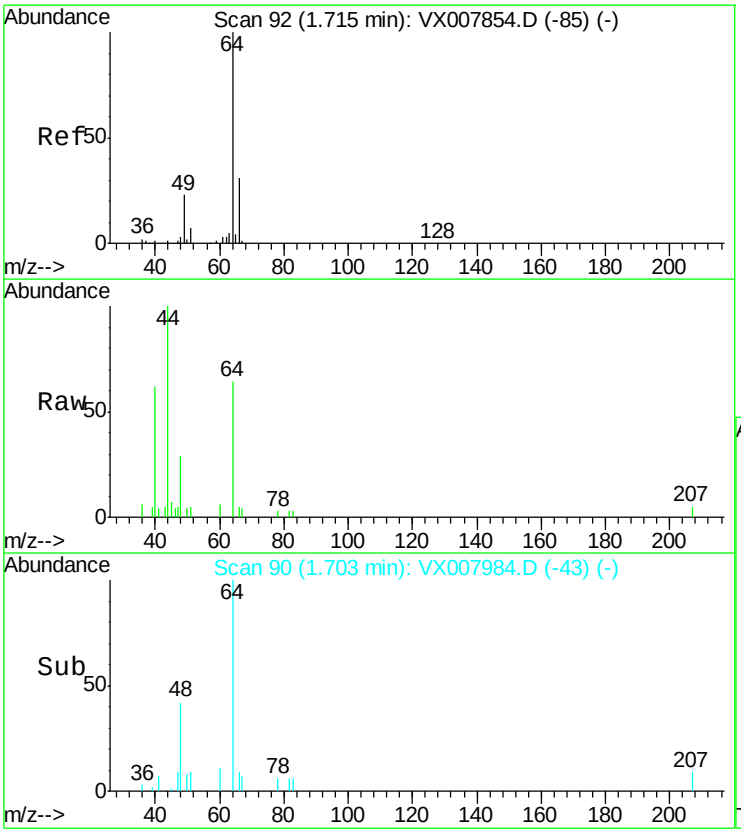
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion: 94 Resp: 138

Ion	Ratio	Lower	Upper
94	100		
96	61.9	75.5	113.3#

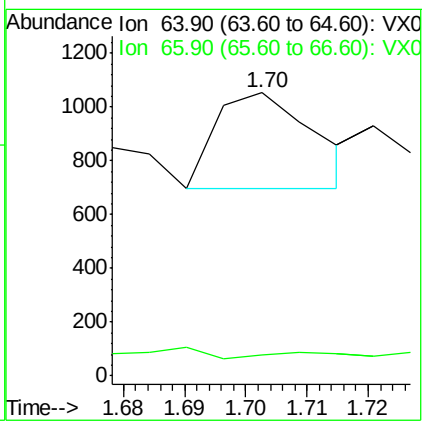


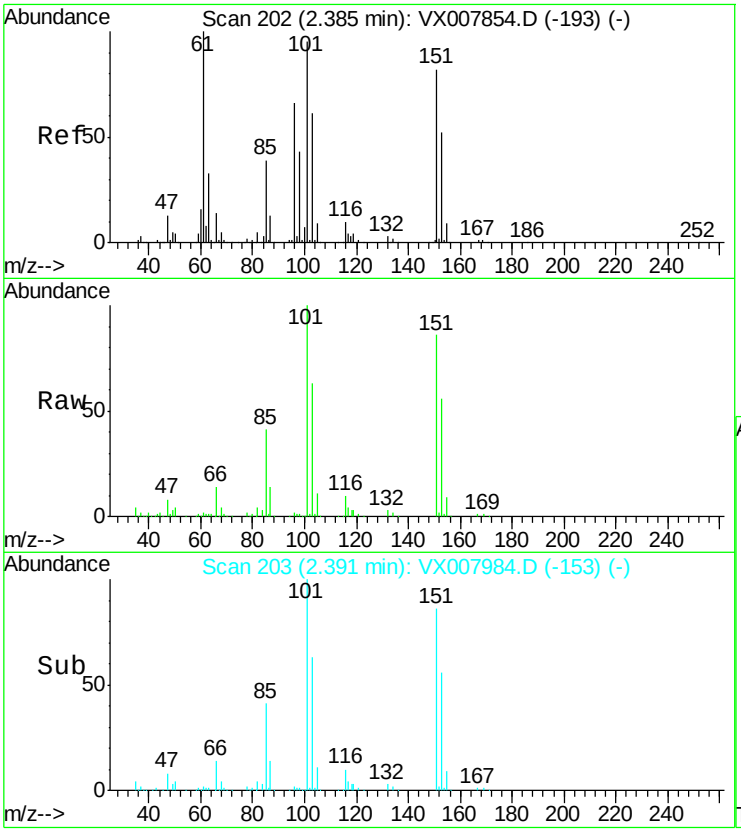


#6
Chloroethane
Concen: 0.221 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 64 Resp: 397

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#



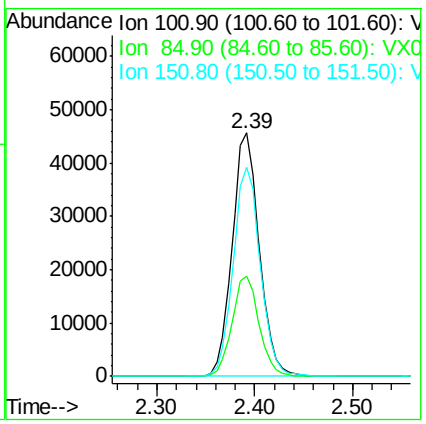


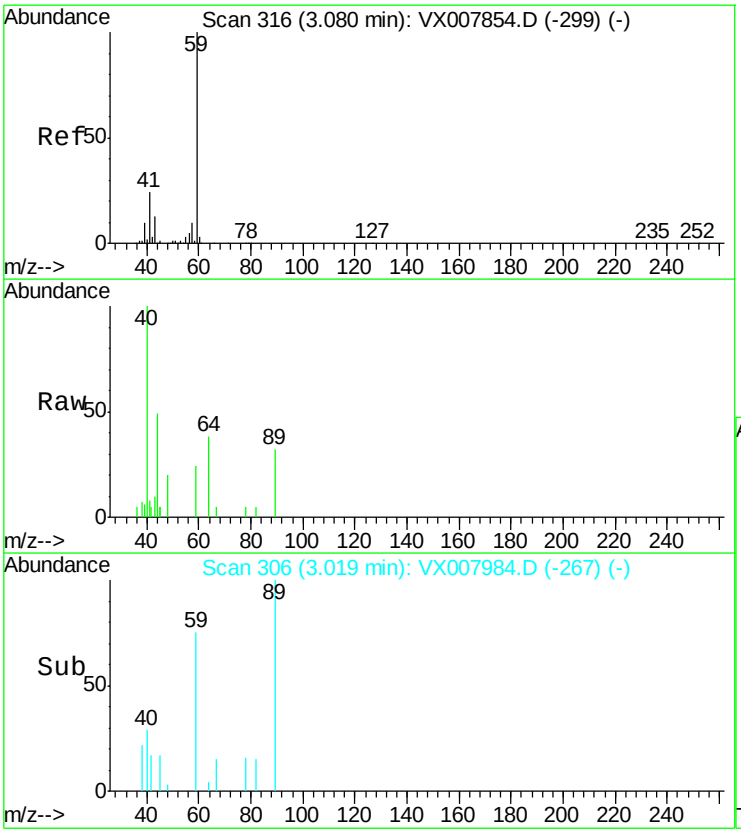
#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.232 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion:101 Resp: 87676

Ion	Ratio	Lower	Upper
101	100		
85	41.1	33.8	50.6
151	86.1	69.1	103.7

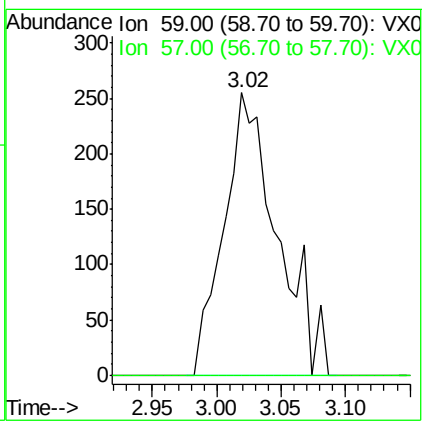


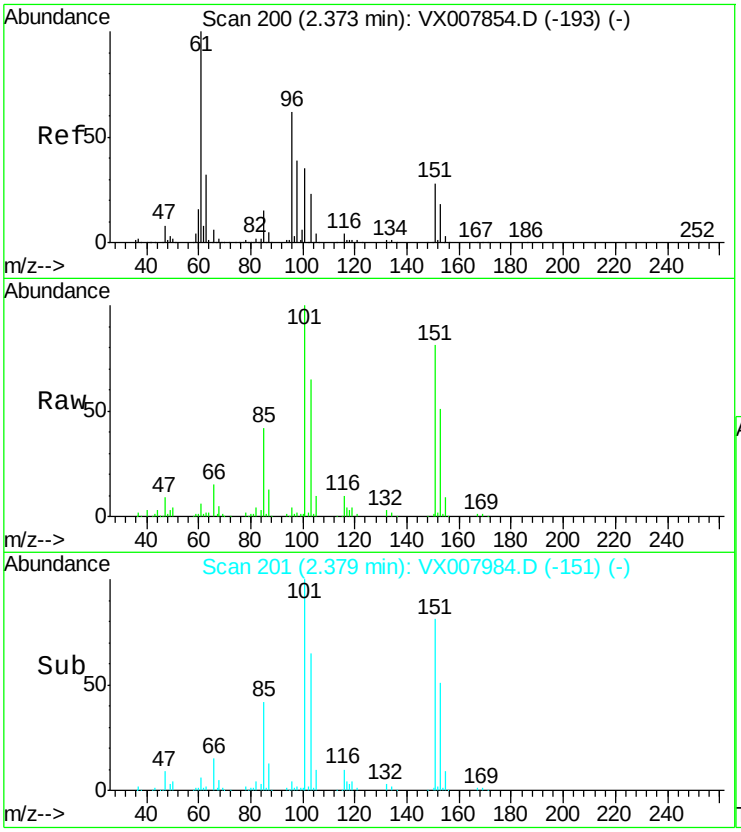


#11
Tert butyl alcohol
Concen: 1.269 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 59 Resp: 739

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



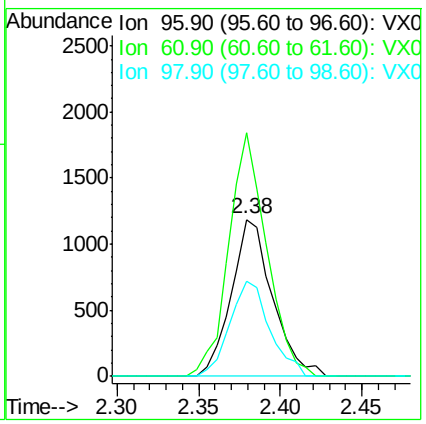


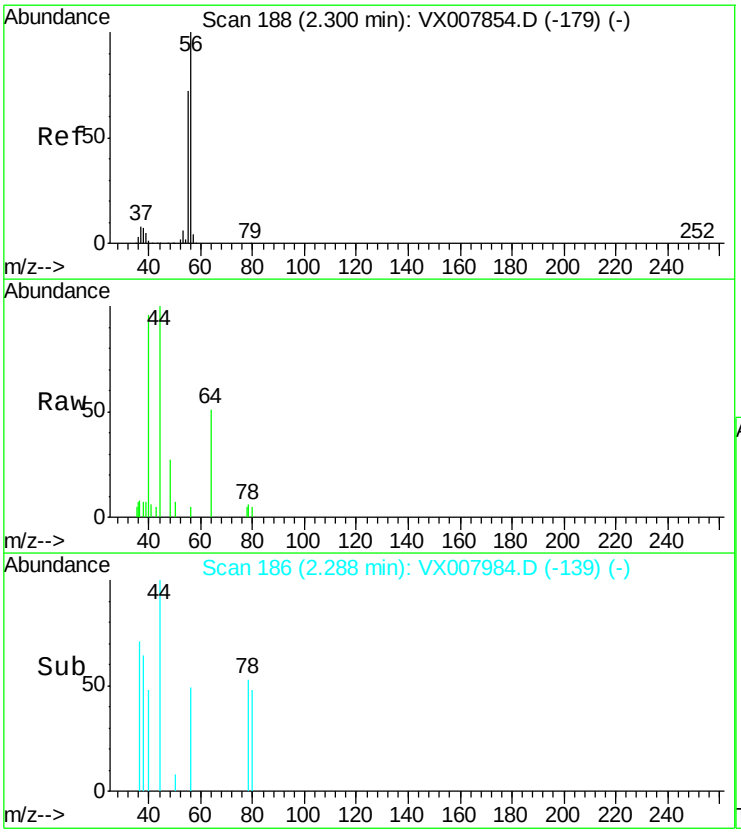
#12
1,1-Dichloroethene
Concen: 0.996 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument : MSVOA_X
ClientSampleId : RE125D3-20190308

Tgt Ion: 96 Resp: 2092

Ion	Ratio	Lower	Upper
96	100		
61	155.4	129.8	194.6
98	60.8	51.0	76.6

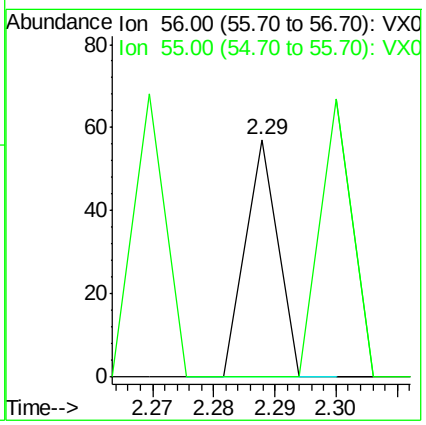


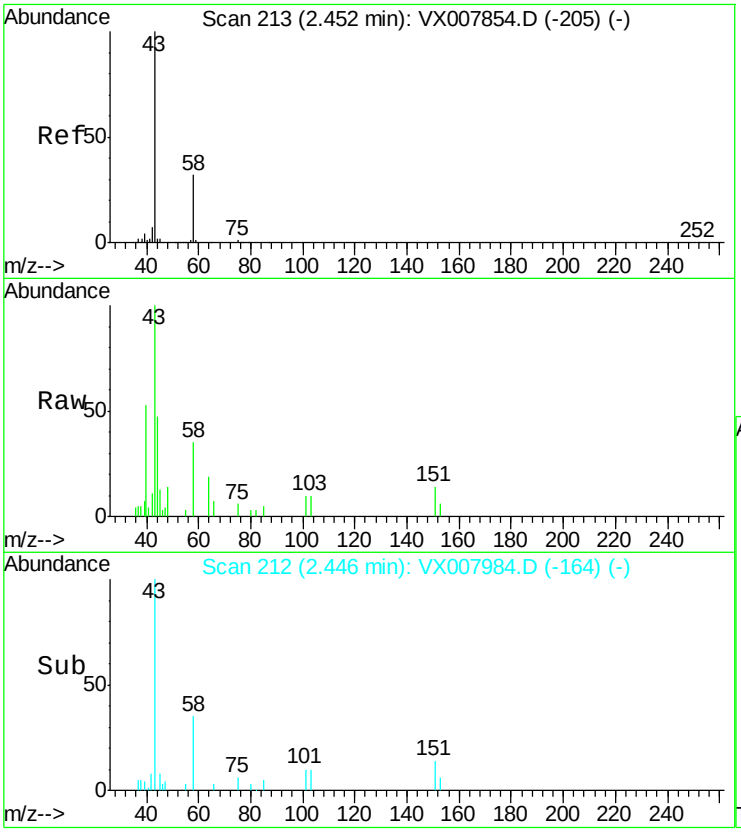


#13
Acrolein
Concen: 1.605 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 56 Resp: 21

Ion	Ratio	Lower	Upper
56	100		
55	119.0	57.8	86.6#



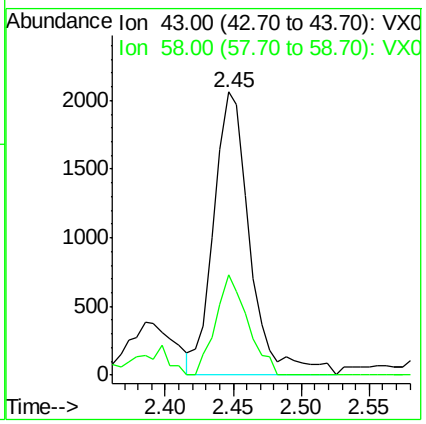


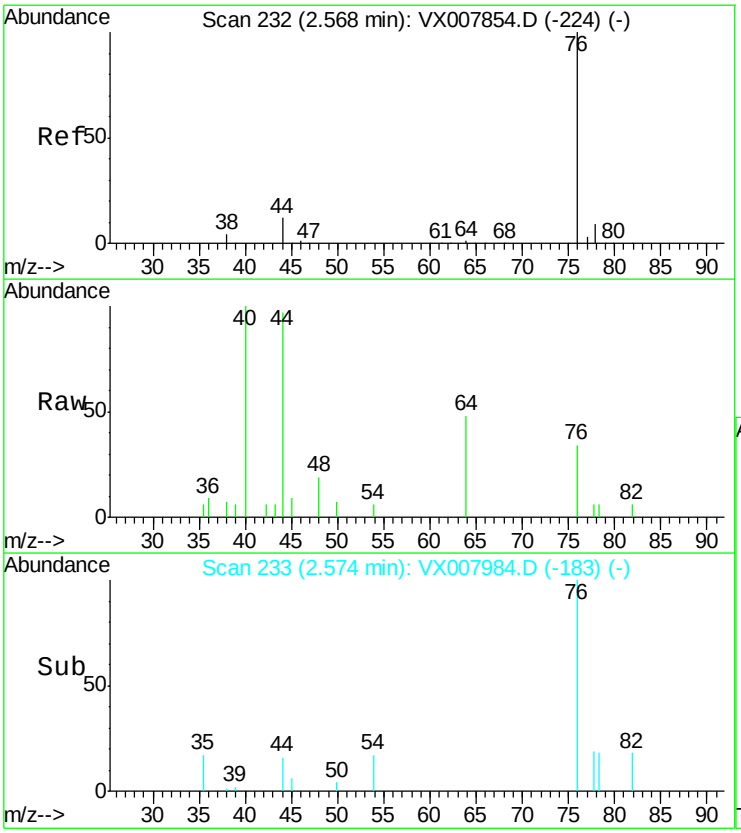
#16
Acetone
Concen: 2.533 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion: 43 Resp: 3819

Ion	Ratio	Lower	Upper
43	100		
58	35.4	25.5	38.3

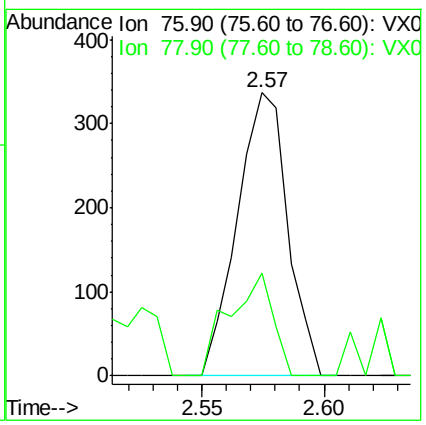


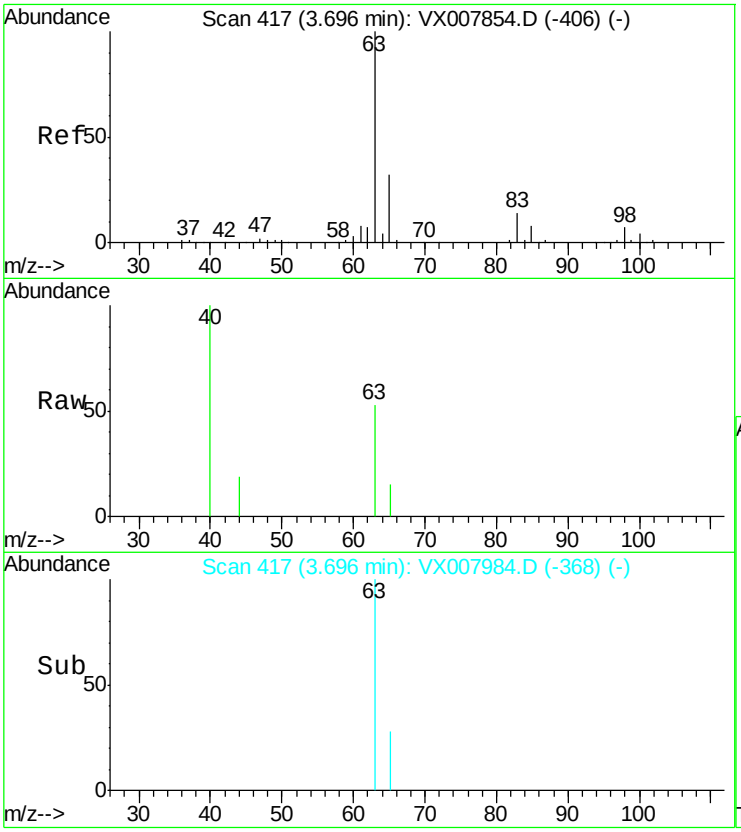


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 76 Resp: 484

Ion	Ratio	Lower	Upper
76	100		
78	36.2	7.2	10.8#



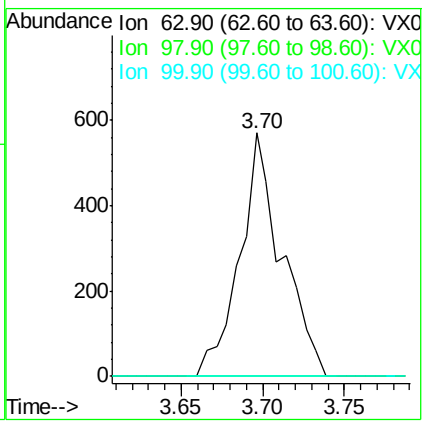


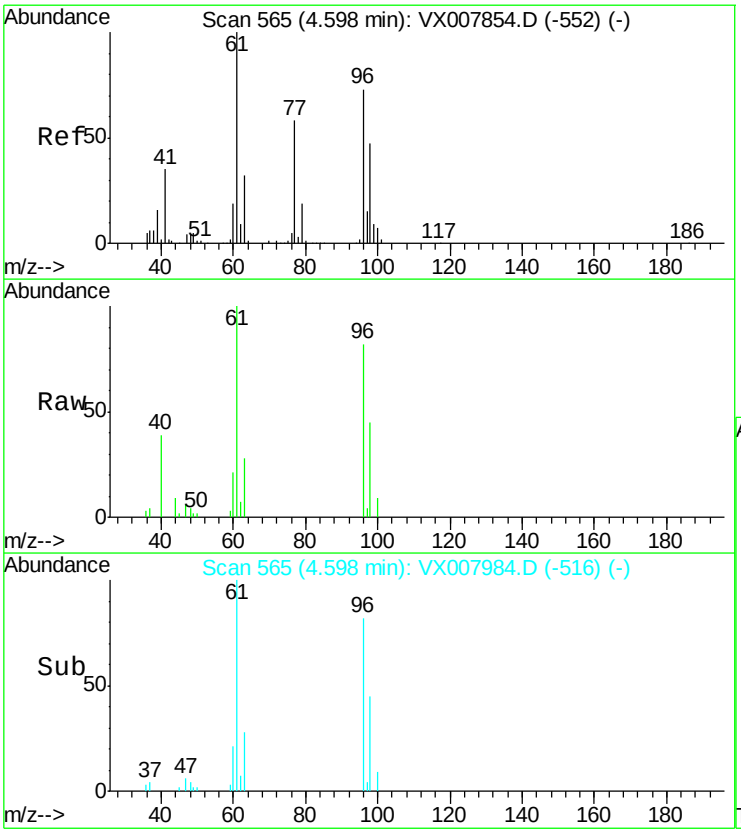
#24
1,1-Dichloroethane
Concen: 0.235 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument : MSVOA_X
ClientSampleId : RE125D3-20190308

Tgt Ion: 63 Resp: 1024

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

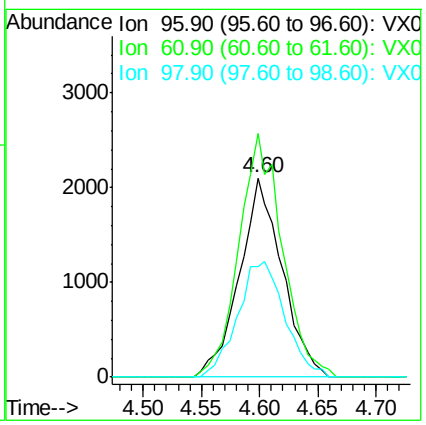


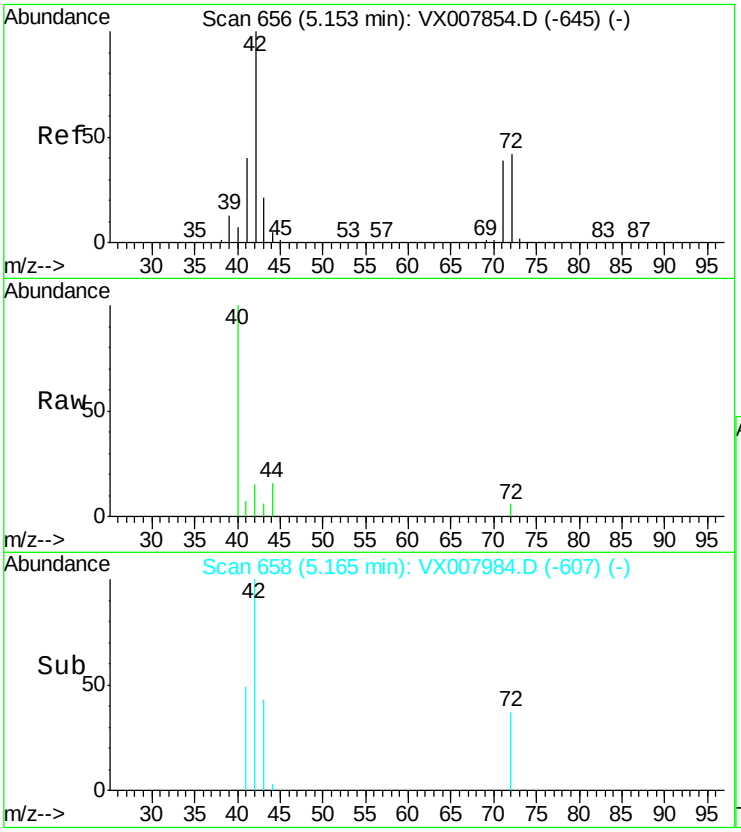


#27
cis-1,2-Dichloroethene
Concen: 2.022 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 96 Resp: 5347

Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	288.0
98	63.8	0.0	129.0



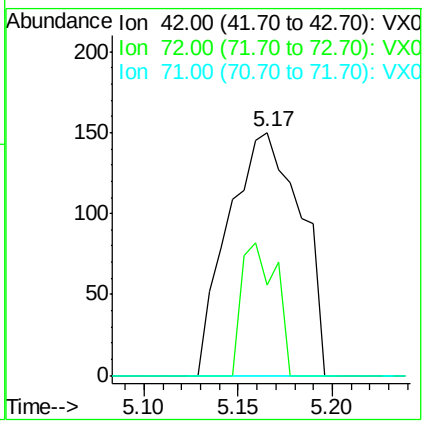


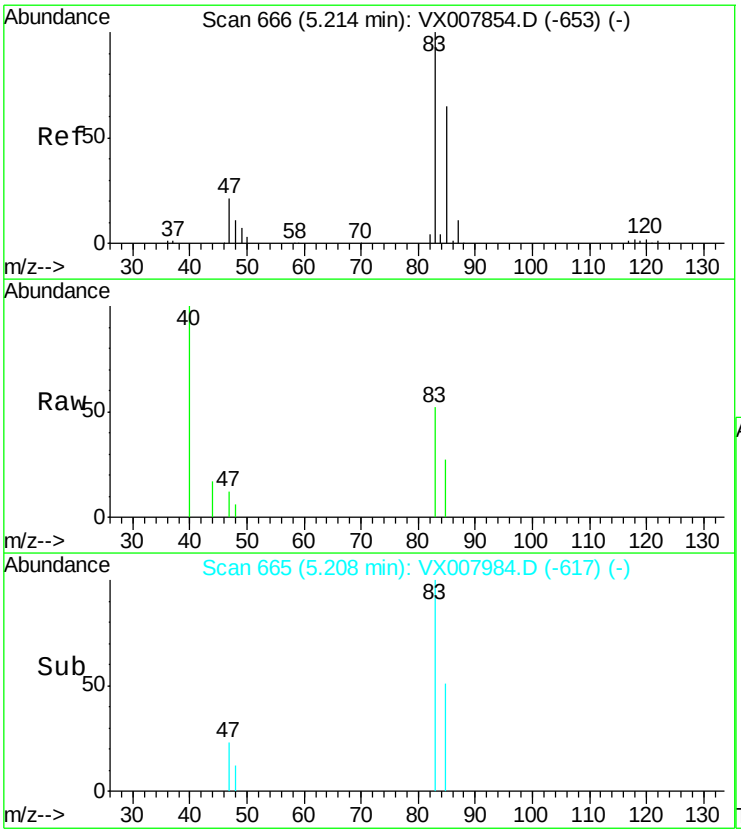
#29
Tetrahydrofuran
Concen: 0.298 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion: 42 Resp: 397

Ion	Ratio	Lower	Upper
42	100		
72	25.9	33.8	50.6#
71	0.0	31.5	47.3#

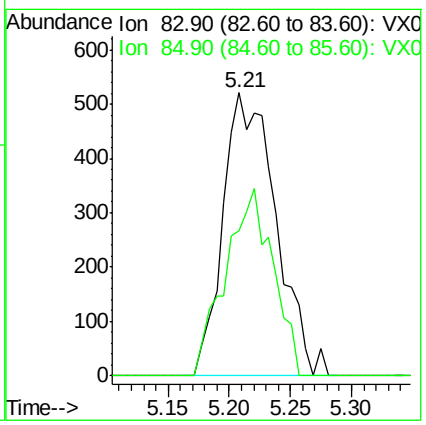


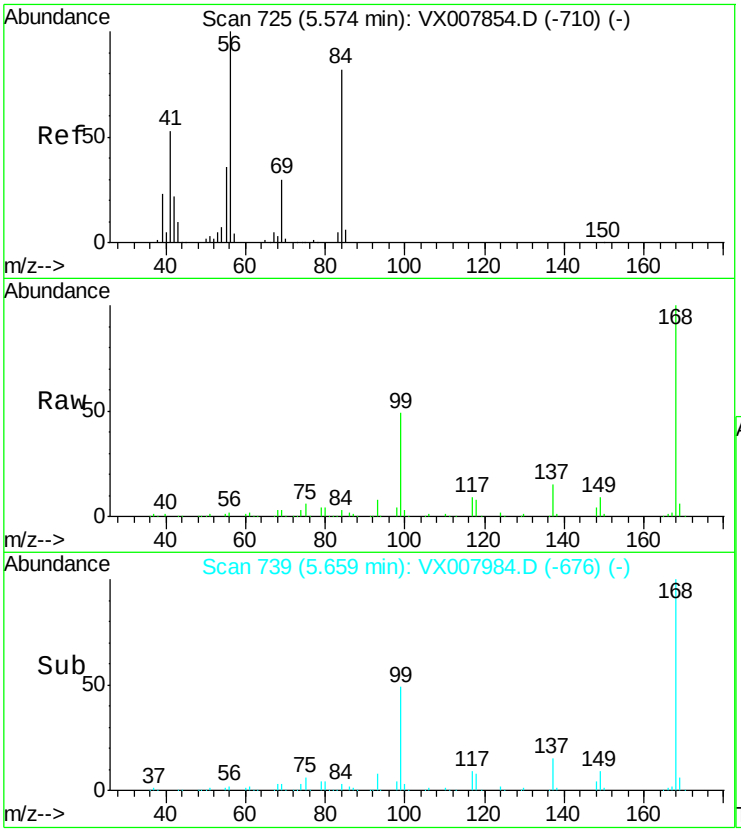


#30
Chloroform
Concen: 0.379 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 83 Resp: 1561

Ion	Ratio	Lower	Upper
83	100		
85	51.1	51.8	77.6#



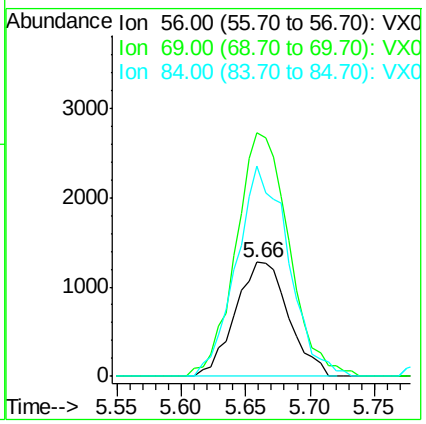


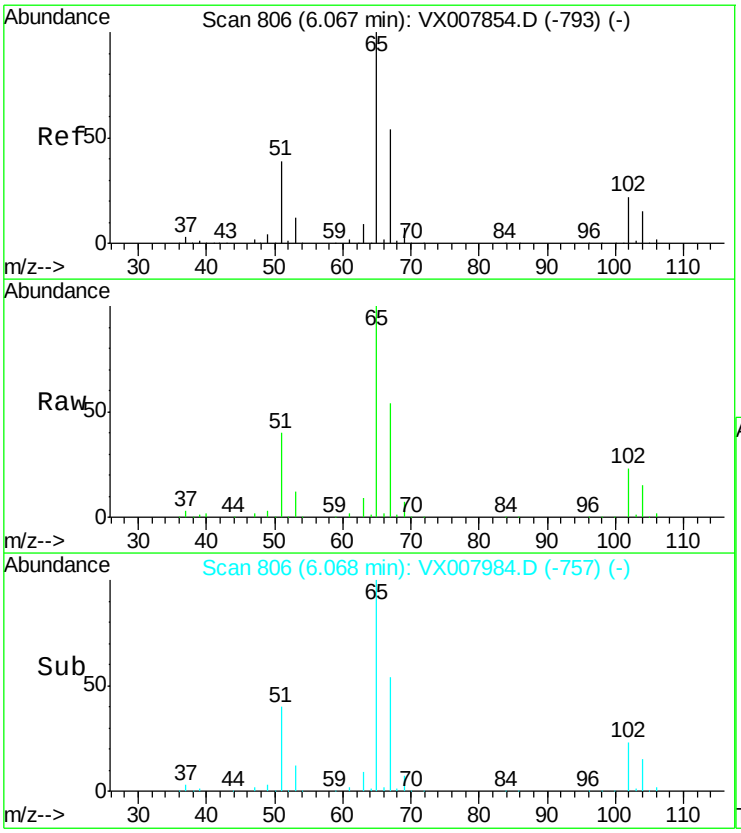
#31
Cyclohexane
Concen: 0.913 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion: 56 Resp: 3655

Ion	Ratio	Lower	Upper
56	100		
69	213.2	24.0	36.0#
84	184.0	65.3	97.9#

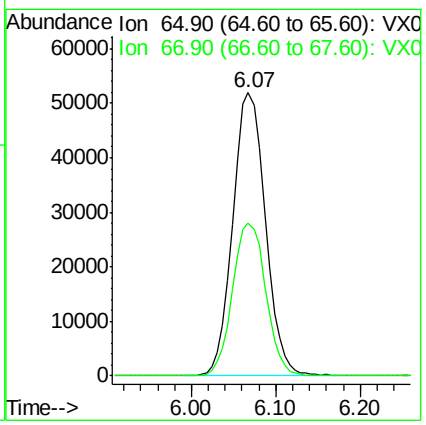


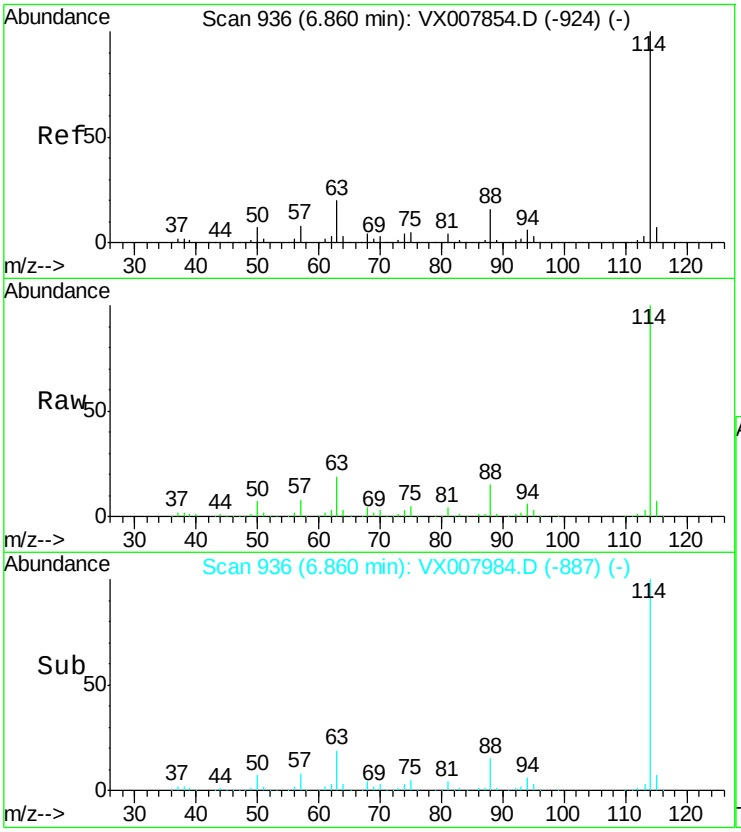


#33
1,2-Dichloroethane-d4
Concen: 52.249 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 65 Resp: 136085

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.0



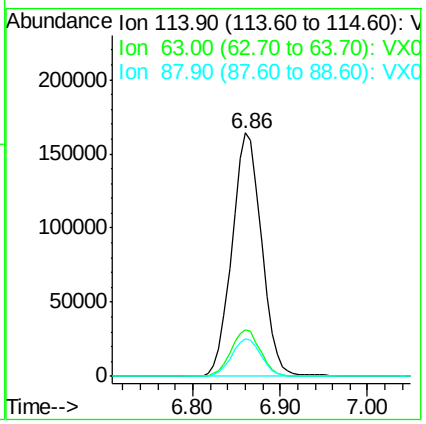


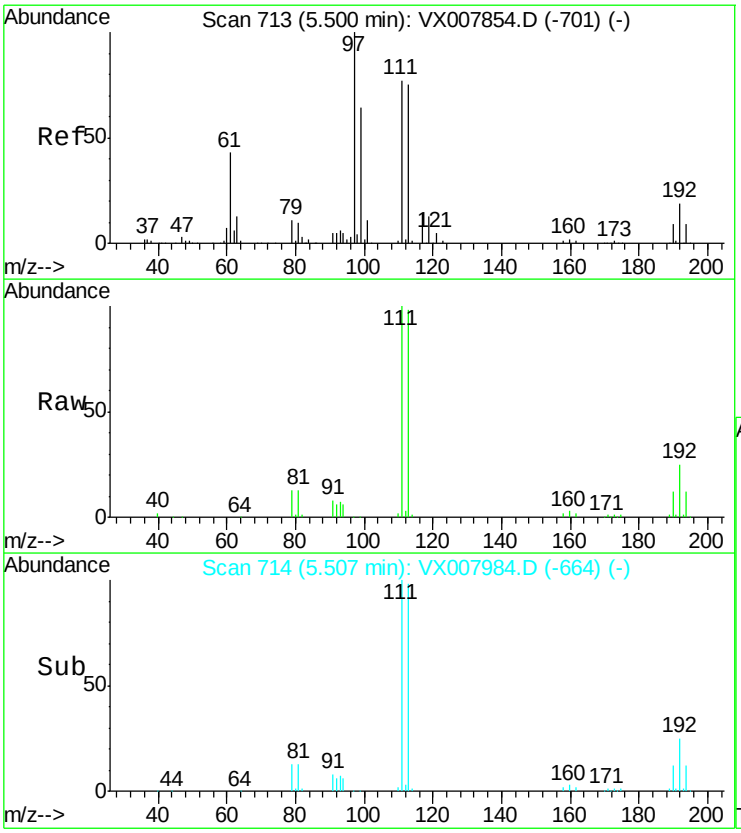
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion:114 Resp: 386971

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.8
88	15.4	0.0	31.4

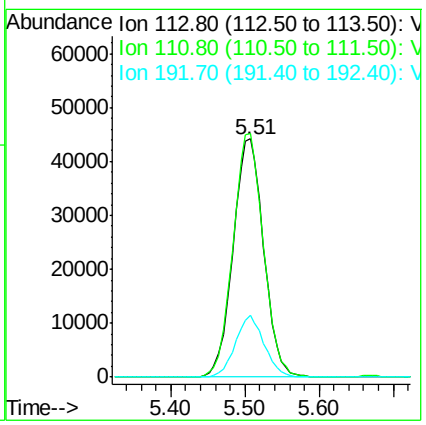


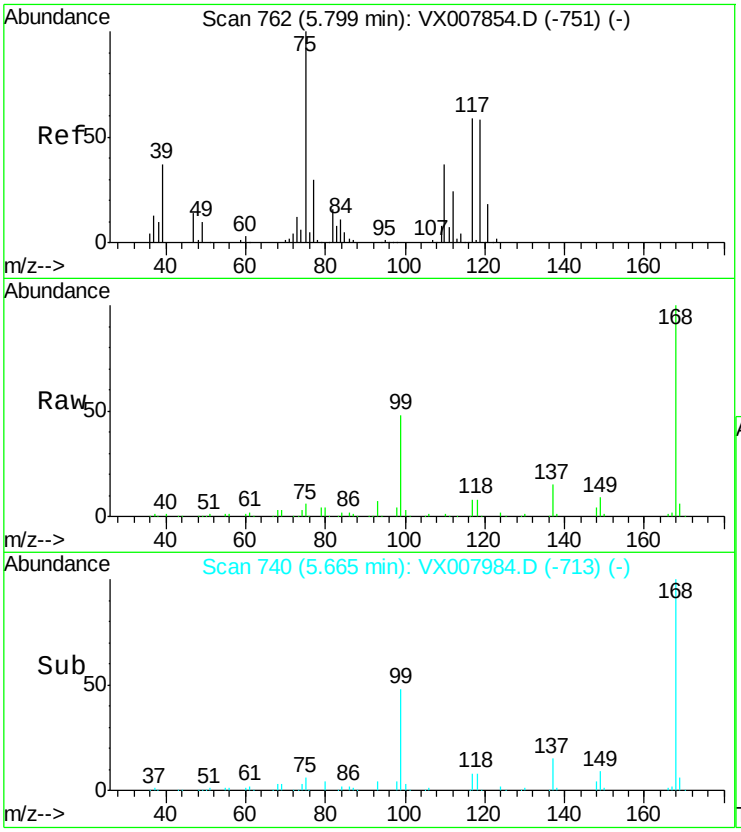


#35
Dibromofluoromethane
Concen: 51.295 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion:113 Resp: 126971

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	24.4	19.4	29.0



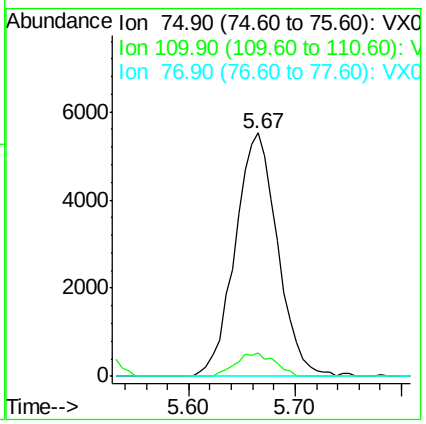


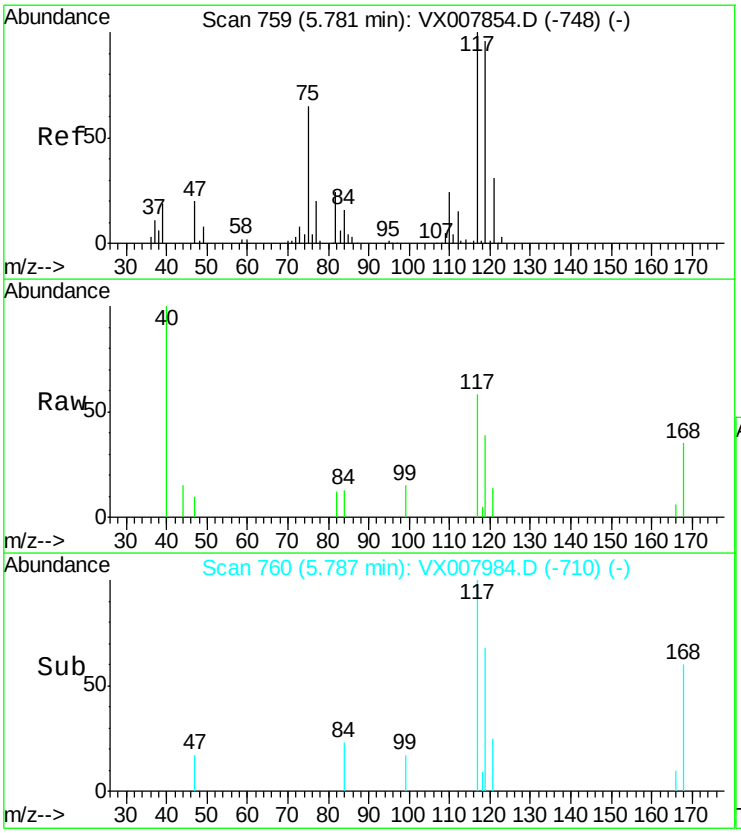
#36
1,1-Dichloropropene
Concen: 4.389 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion: 75 Resp: 15379

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.4	55.0#
77	0.0	25.0	37.4#

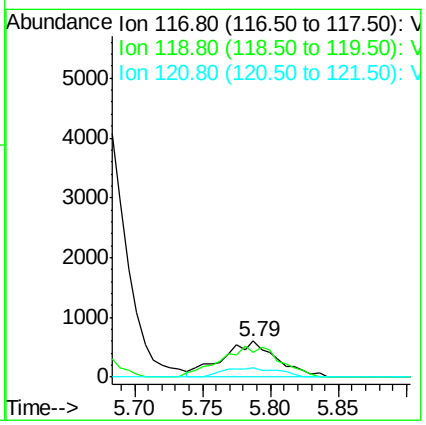


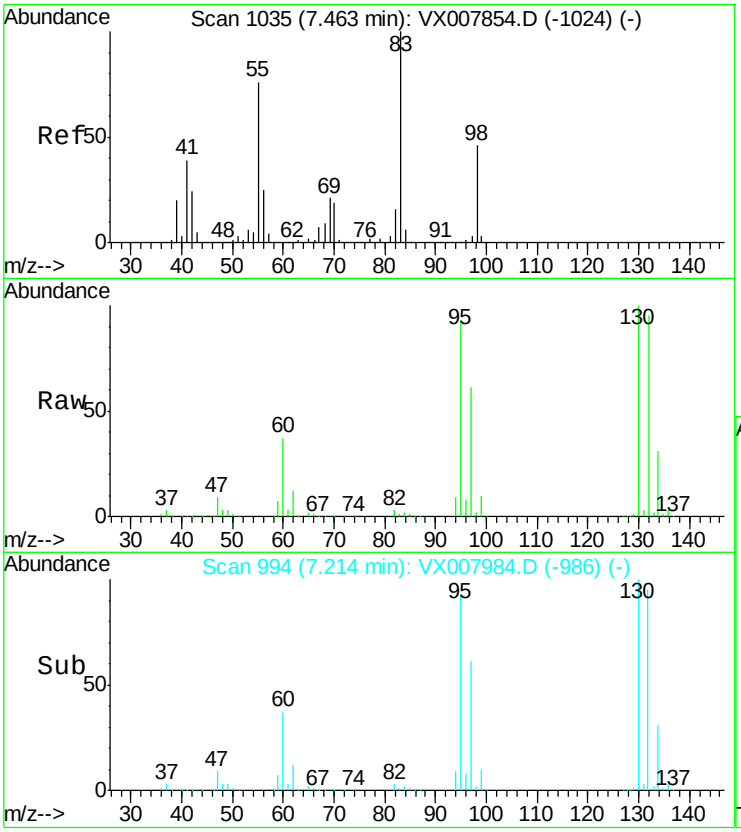


#38
Carbon Tetrachloride
Concen: 0.510 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion:117 Resp: 1697

Ion	Ratio	Lower	Upper
117	100		
119	68.3	76.2	114.2#
121	24.6	24.6	36.8



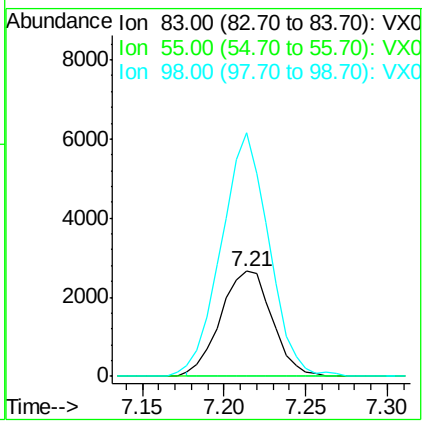


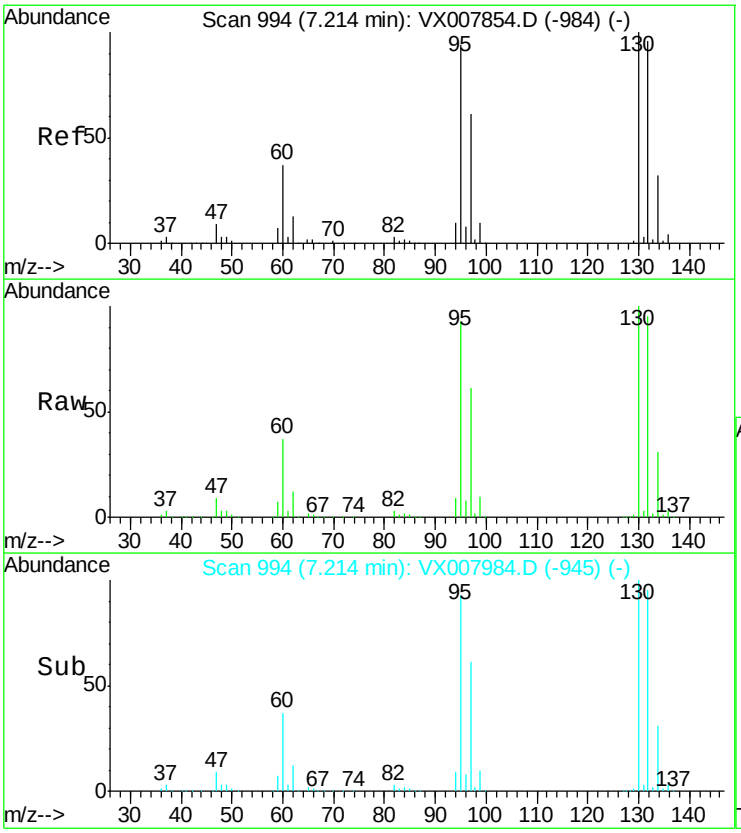
#39
Methylcyclohexane
Concen: 1.377 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion: 83 Resp: 5848

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	228.9	36.5	54.7#

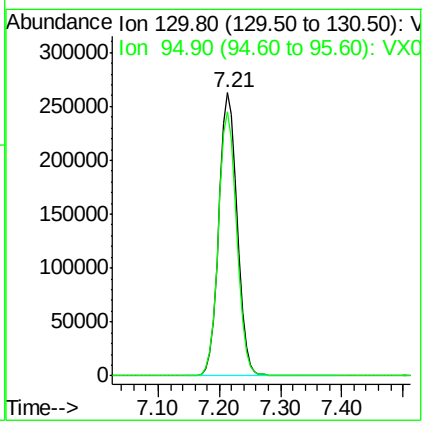


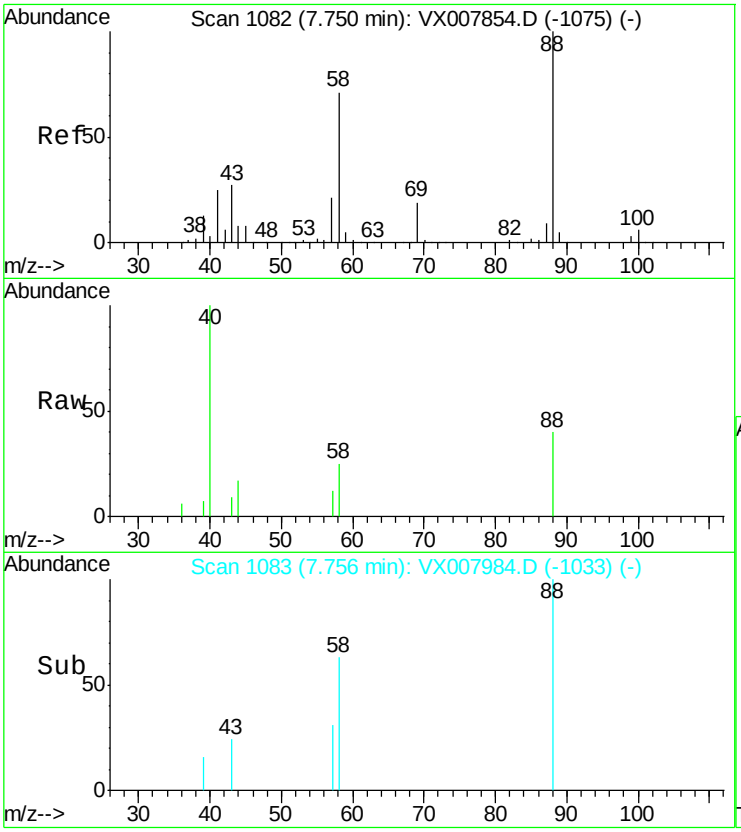


#44
Trichloroethene
Concen: 191.466 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion:130 Resp: 550409

Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	188.0



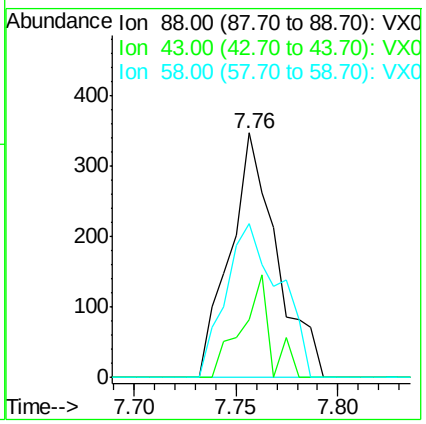


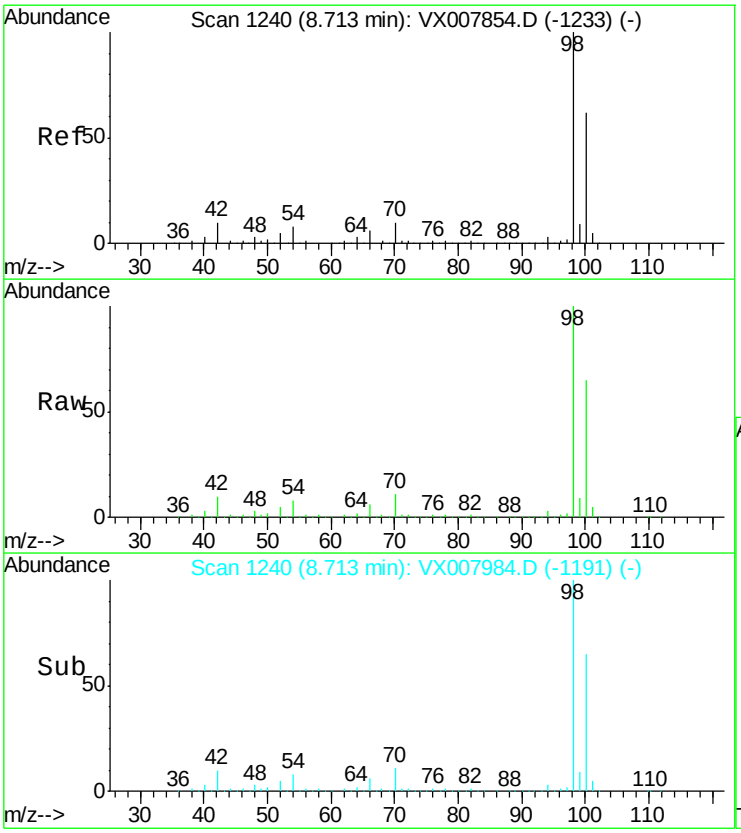
#49
1,4-Dioxane
Concen: 8.290 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion: 88 Resp: 551

Ion	Ratio	Lower	Upper
88	100		
43	25.8	25.1	37.7
58	71.7	57.8	86.6

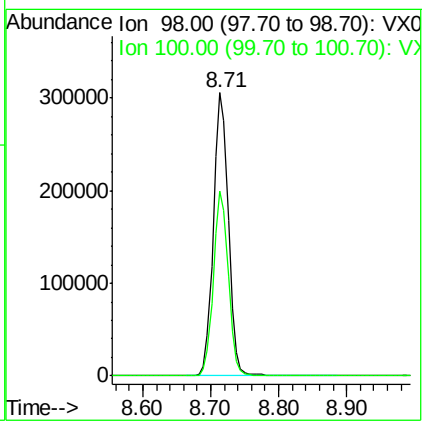


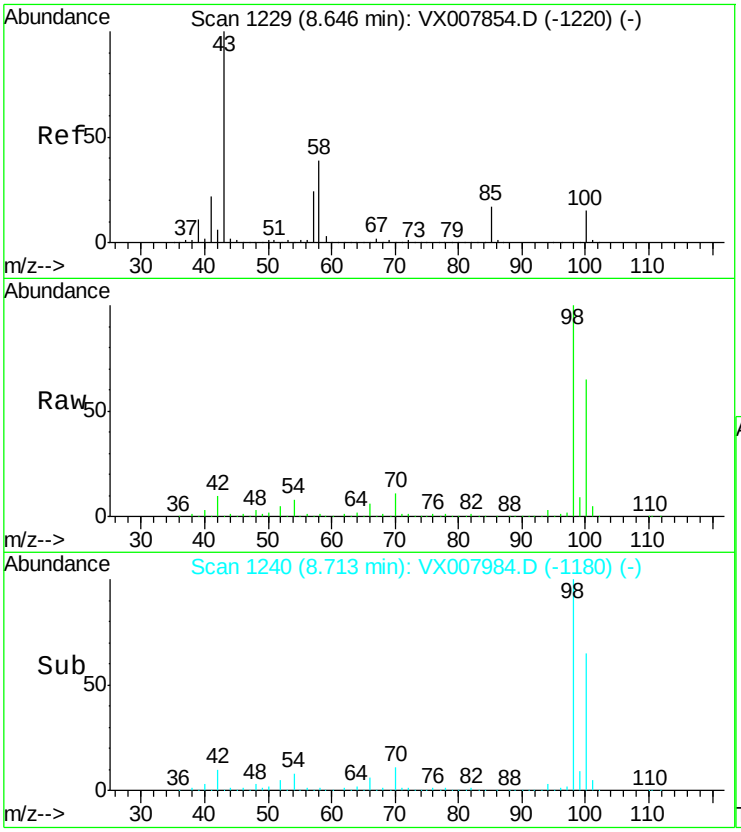


#50
Toluene-d8
Concen: 51.709 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 98 Resp: 470076

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5



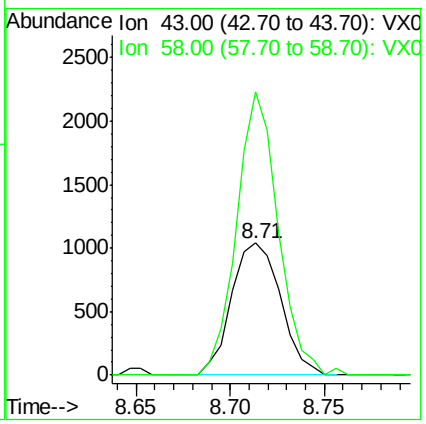


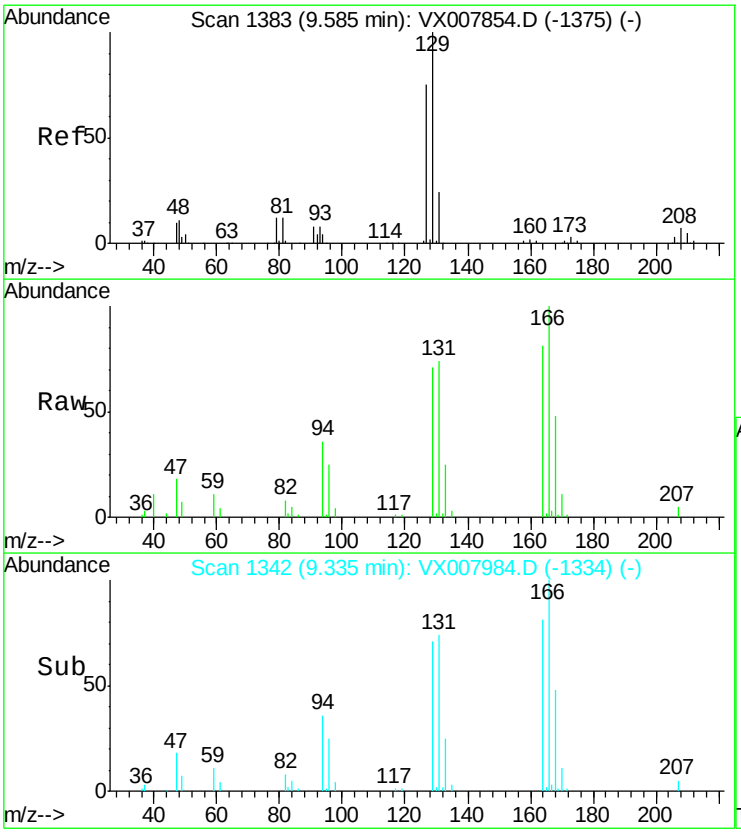
#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument : MSVOA_X
ClientSampleId : RE125D3-20190308

Tgt Ion: 43 Resp: 1883

Ion	Ratio	Lower	Upper
43	100		
58	181.1	31.3	46.9#

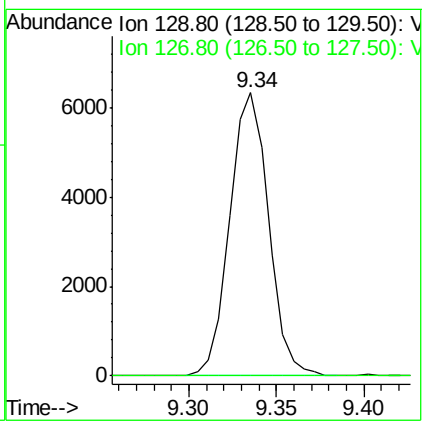


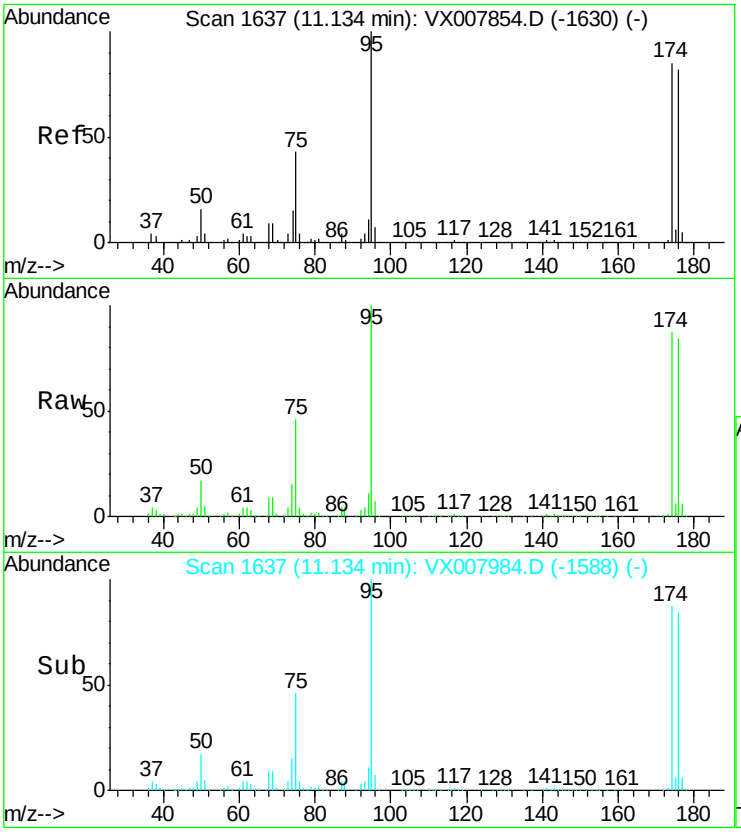


#60
Dibromochloromethane
Concen: 3.620 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion:129 Resp: 9755

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#



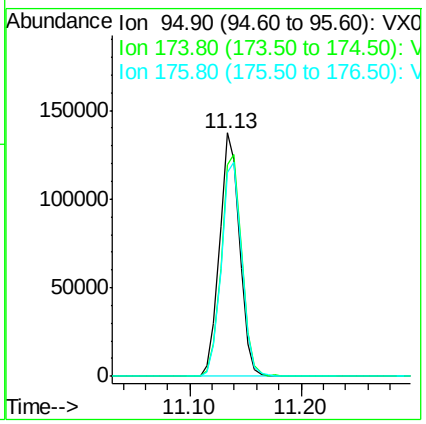


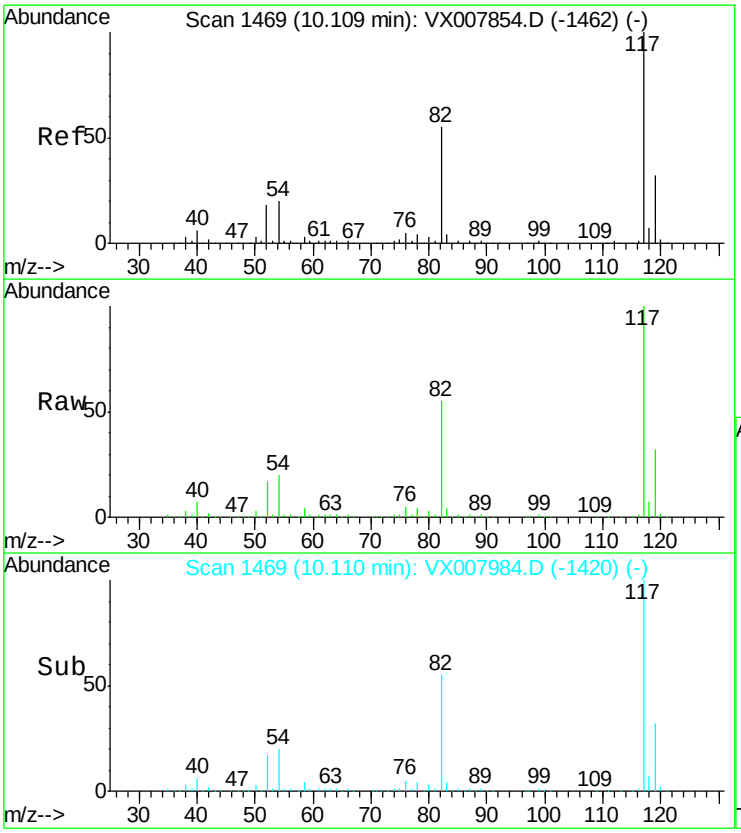
#62
4-Bromofluorobenzene
Concen: 53.637 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion: 95 Resp: 170955

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	182.8
176	89.6	0.0	178.0

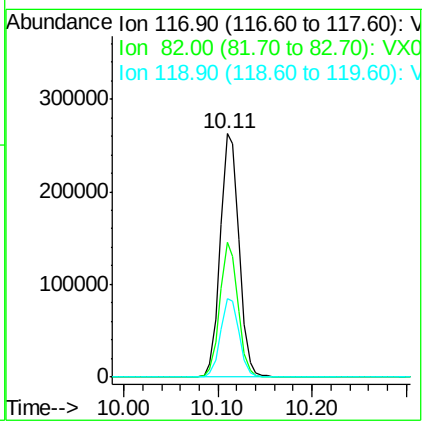


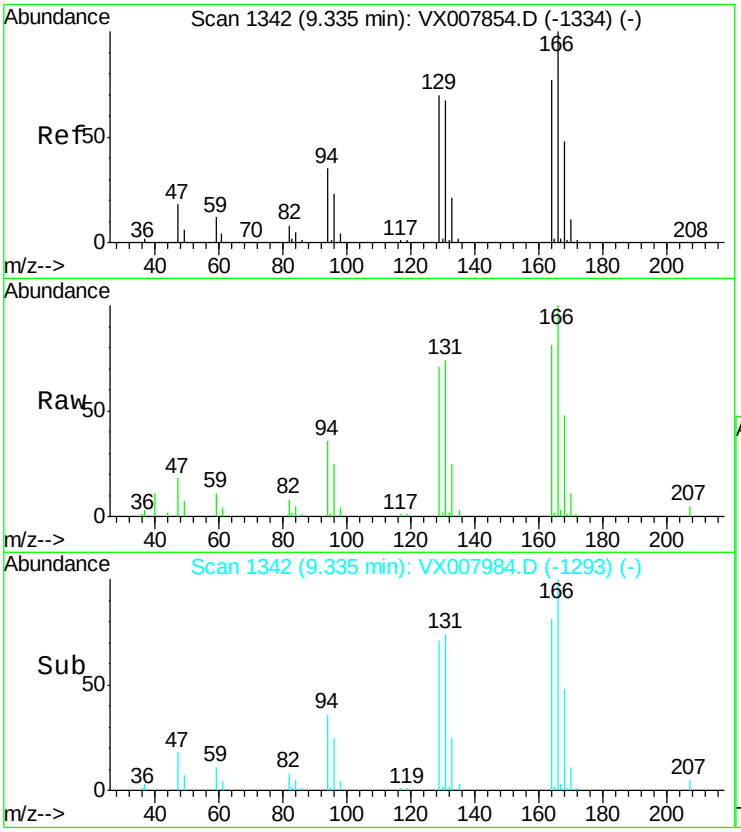


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion:117 Resp: 363311

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.3	66.5
119	32.5	25.3	37.9



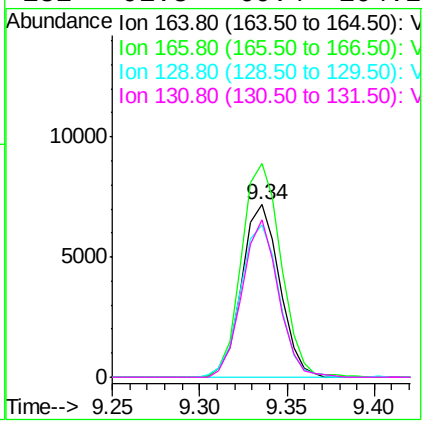


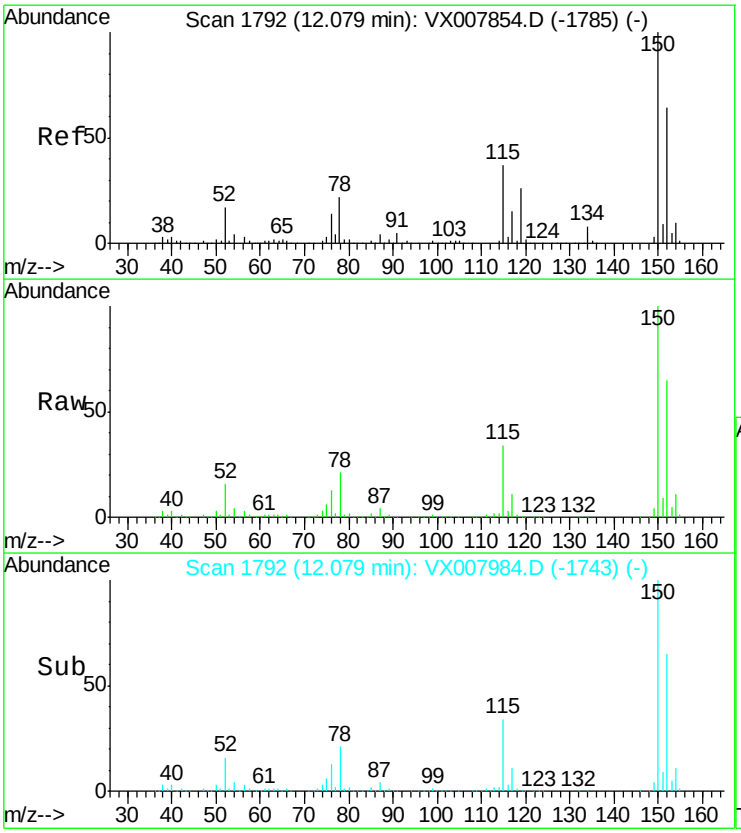
#64
Tetrachloroethene
Concen: 3.610 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion:164 Resp: 10869

Ion	Ratio	Lower	Upper
164	100		
166	124.0	103.4	155.0
129	88.3	72.2	108.4
131	91.3	69.4	104.2

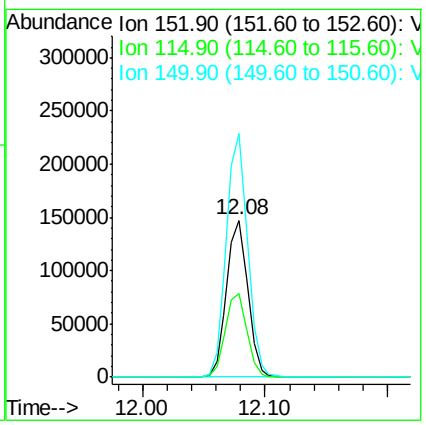


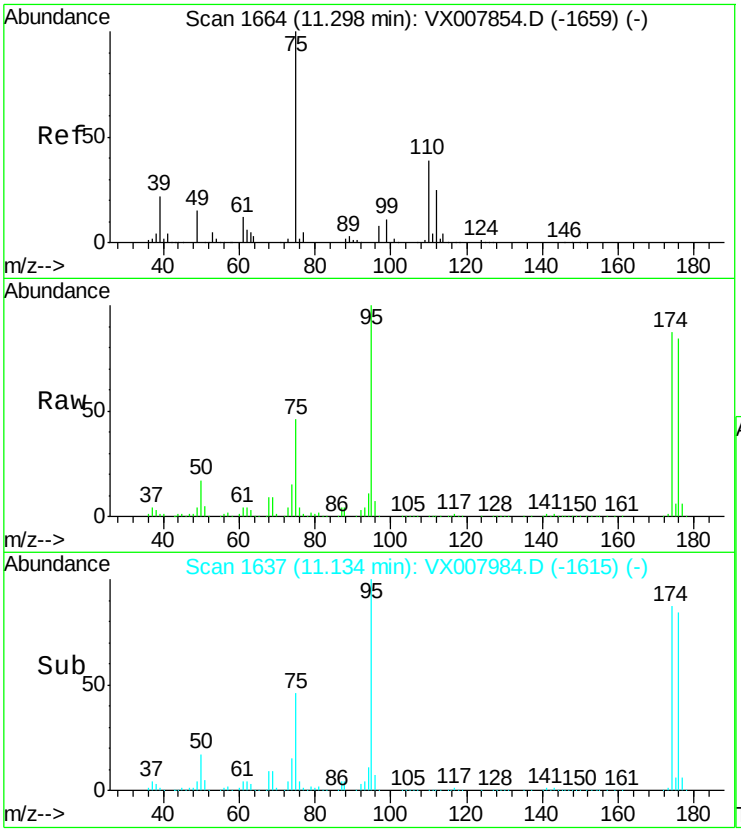


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion:152 Resp: 177051

Ion	Ratio	Lower	Upper
152	100		
115	54.4	38.6	115.7
150	154.9	0.0	348.4



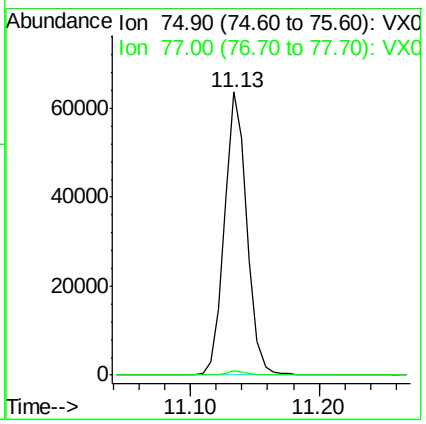


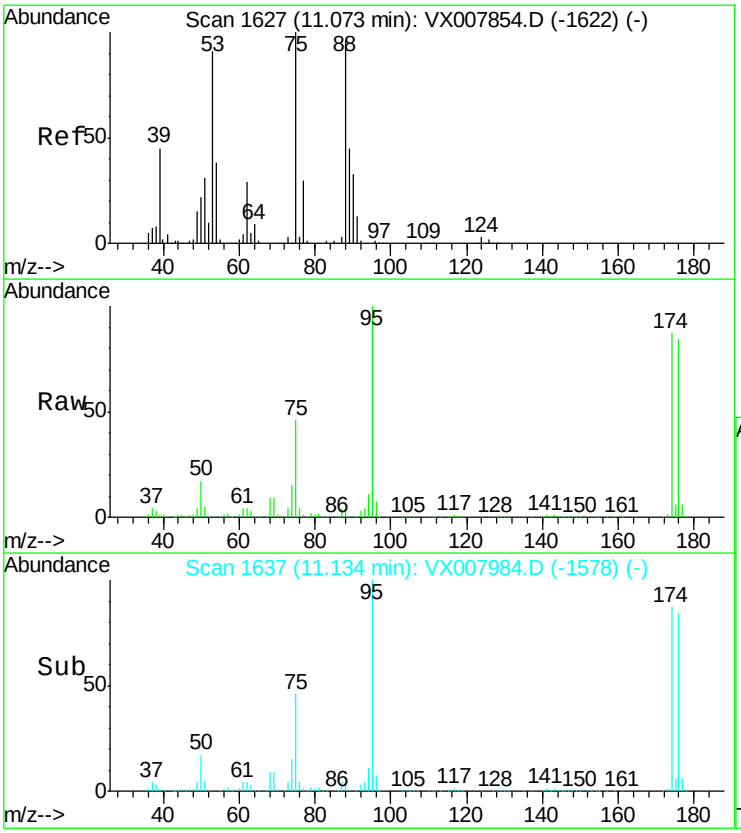
#76
1,2,3-Trichloropropane
Concen: 20.962 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion: 75 Resp: 77878

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.004 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 75 Resp: 77878

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.1	114.1#
89	0.0	36.3	54.5#