Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061119\
Data File : VX010224.D
Acq On : 11 Jun 2019 11:58
Operator : JC/SP
Sample : K3257-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP03-20190606

Quant Time: Jun 12 07:47:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	257368	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	385573	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	348392	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161128	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	113146	45.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.08%				
35) Dibromofluoromethane	5.50	113	118438	49.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.60%				
50) Toluene-d8	8.71	98	453700	50.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.80%				
62) 4-Bromofluorobenzene	11.13	95	152548	45.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	496	0.209	ug/l		72
3) Chloromethane	1.33	50	623	0.265	ug/l		92
5) Bromomethane	1.65	94	390	0.468	ug/l		90
6) Chloroethane	1.65	64	1370	1.229	ug/l	#	62
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7655	3.382	ug/l		90
11) Tert butyl alcohol	3.02	59	2278	3.702	ug/l	#	90
12) 1,1-Dichloroethene	2.37	96	1829	0.791	ug/l	#	64
13) Acrolein	2.29	56	64	0.570	ug/l	#	14
16) Acetone	2.45	43	2817	2.384	ug/l	#	84
19) Methyl tert-butyl Ether	3.20	73	3604	0.485	ug/l		95
20) Methylene Chloride	2.86	84	745	0.287	ug/l	#	79
24) 1,1-Dichloroethane	3.70	63	1670	0.412	ug/l	#	80
27) cis-1,2-Dichloroethene	4.60	96	11799	4.146	ug/l		70
30) Chloroform	5.21	83	7450	1.771	ug/l		89
31) Cyclohexane	5.65	56	4199	1.149	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	14820	4.711	ug/l	#	52
39) Methylcyclohexane	7.21	83	5082	1.186	ug/l	#	1
44) Trichloroethene	7.21	130	482392	164.525	ug/l		86
49) 1,4-Dioxane	7.74	88	1846	25.299	ug/l		94
60) Dibromochloromethane	9.34	129	31631	10.212	ug/l	#	11
64) Tetrachloroethene	9.34	164	35324	13.651	ug/l		96
76) 1,2,3-Trichloropropane	11.13	75	69121	21.447	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	69121	47.386	ug/l	#	10

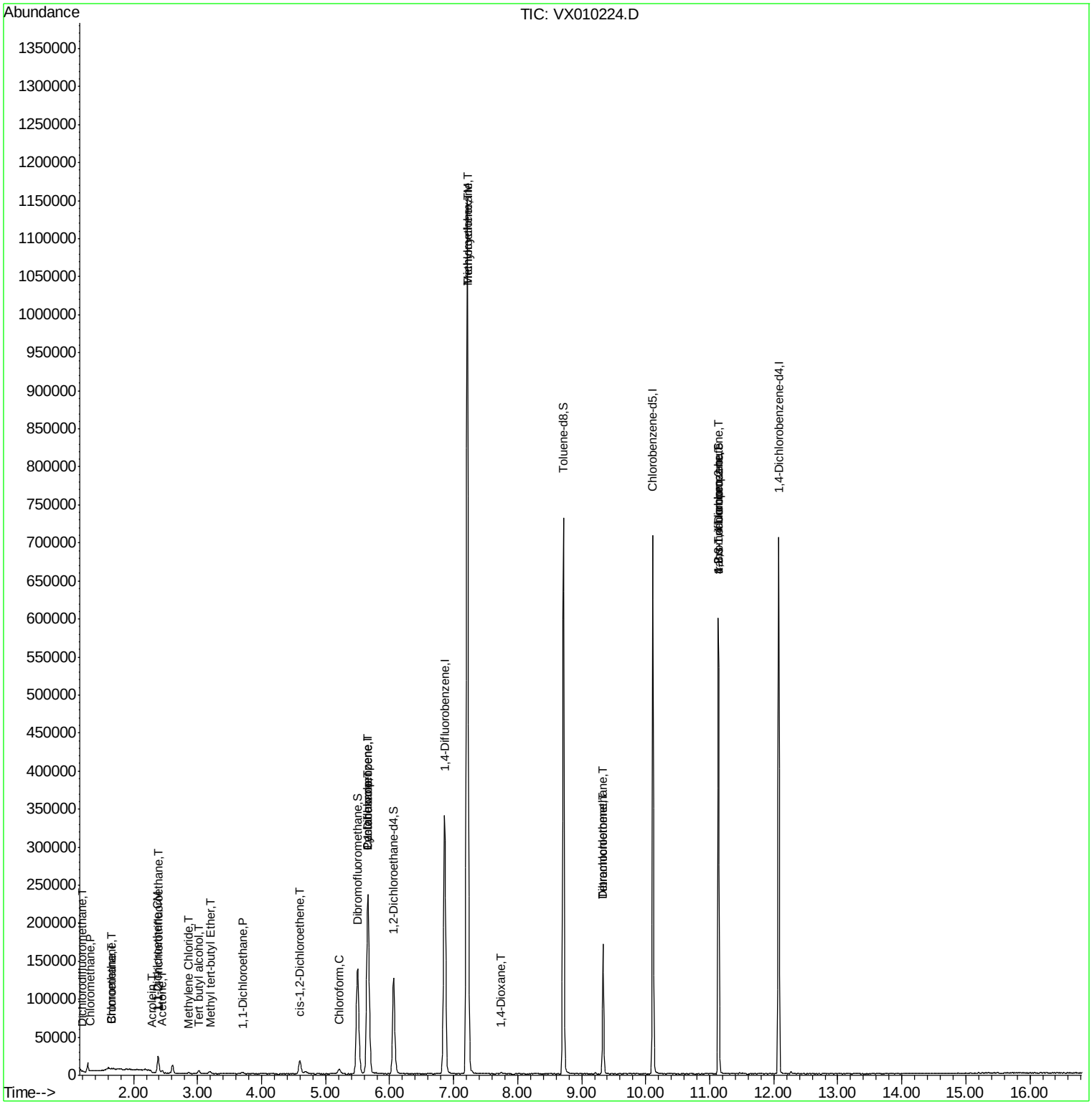
(#) = qualifier out of range (m) = manual integration (+) = signals summed

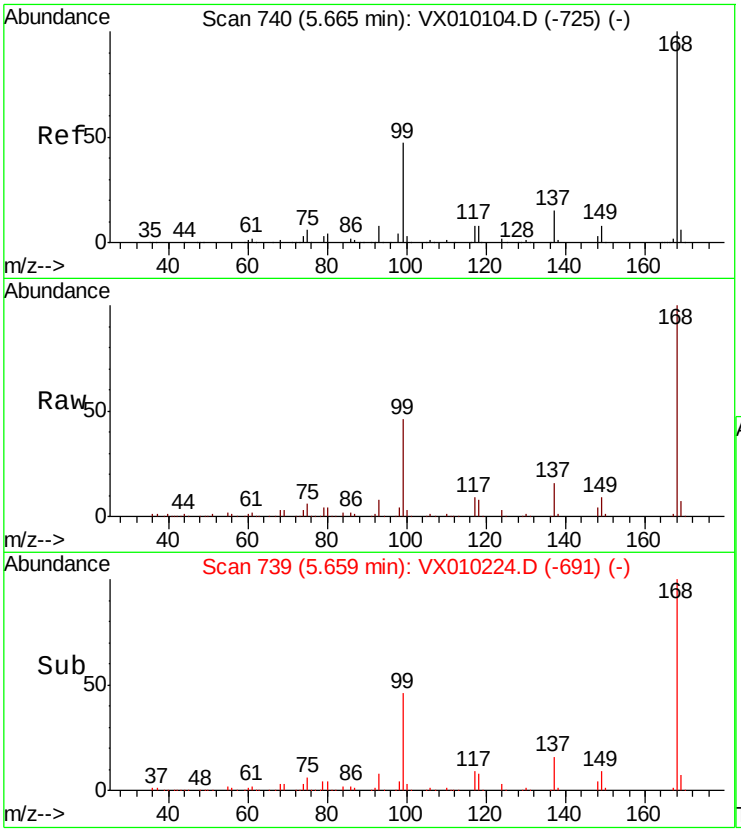
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
Data File : VX010224.D
Acq On : 11 Jun 2019 11:58
Operator : JC/SP
Sample : K3257-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Quant Time: Jun 12 07:47:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration



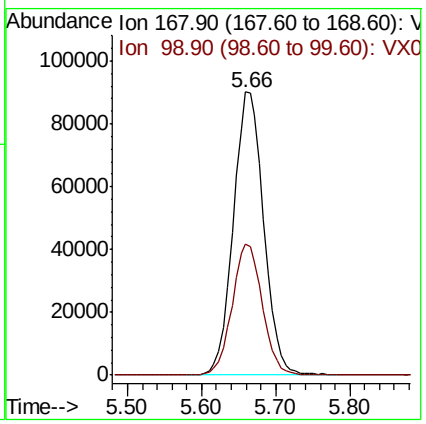


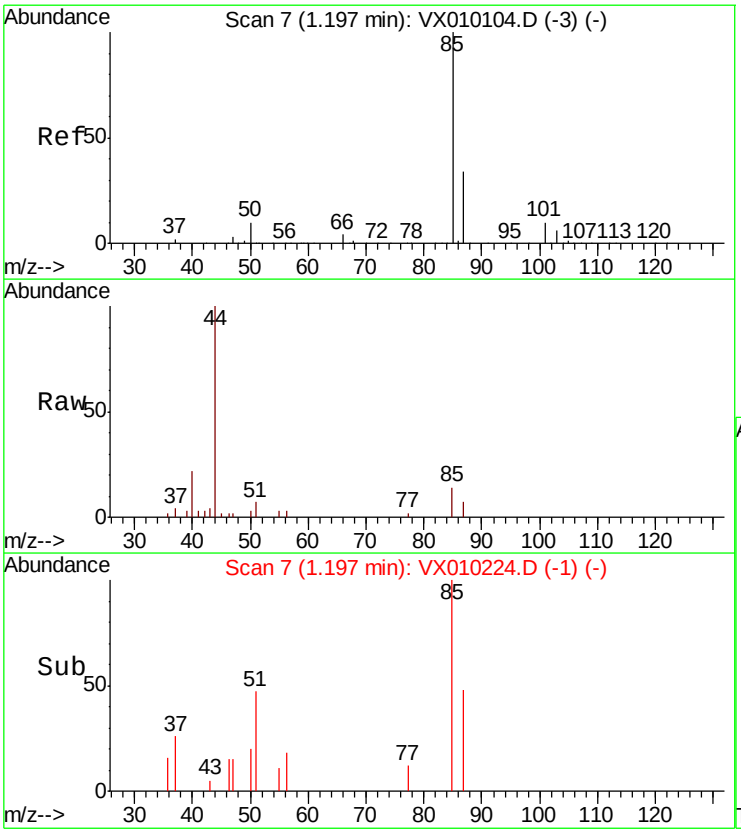
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tgt Ion:168 Resp: 257368

Ion	Ratio	Lower	Upper
168	100		
99	46.1	43.0	64.6

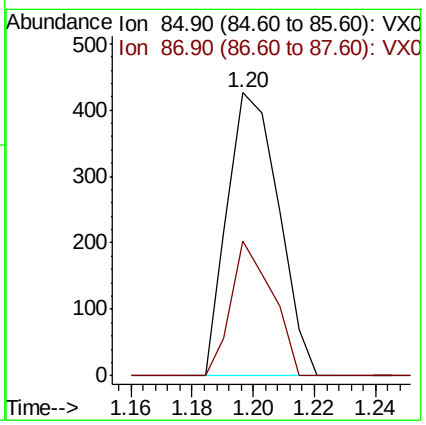


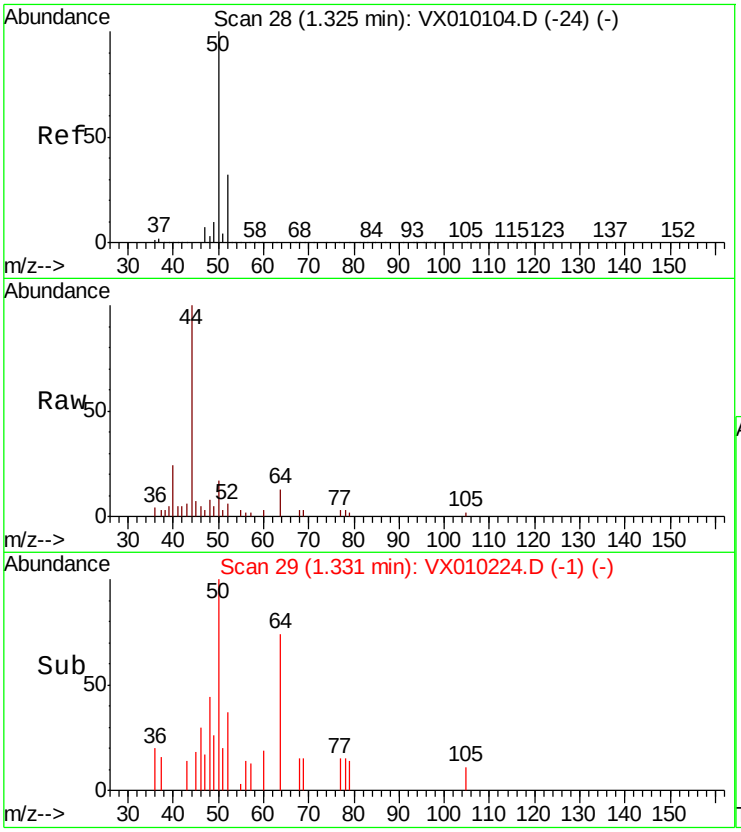


#2
Dichlorodifluoromethane
Concen: 0.209 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 85 Resp: 496

Ion	Ratio	Lower	Upper
85	100		
87	47.7	16.1	48.2

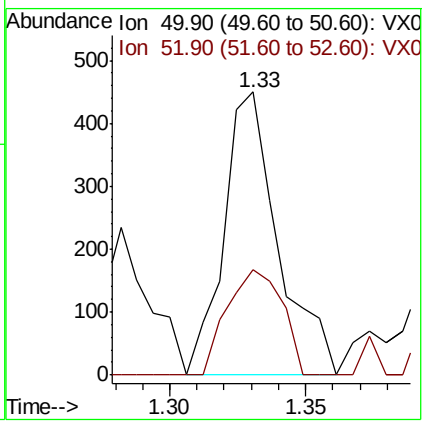




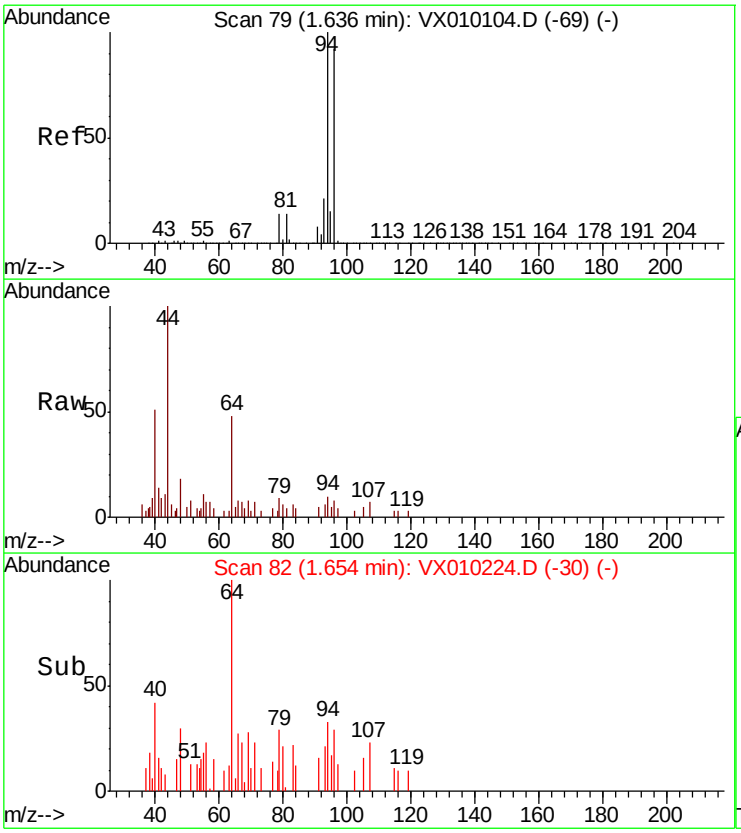
#3
Chloromethane
Concen: 0.265 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 50 Resp: 623

Ion	Ratio	Lower	Upper
50	100		
52	37.1	26.0	39.0



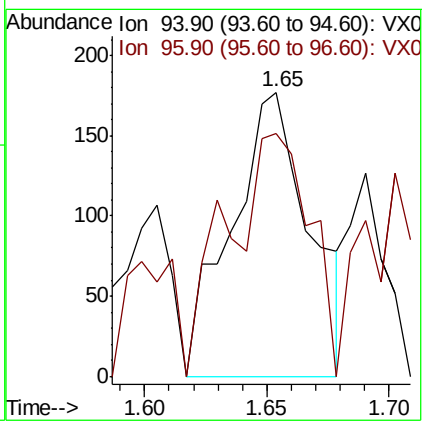
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

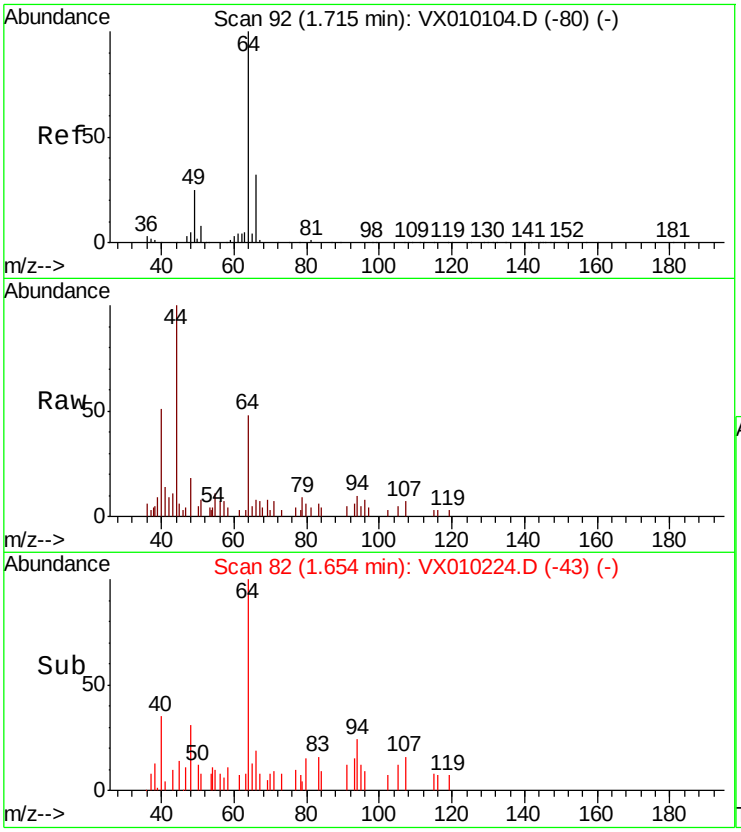


#5
Bromomethane
Concen: 0.468 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 94 Resp: 390

Ion	Ratio	Lower	Upper
94	100		
96	85.3	76.2	114.4



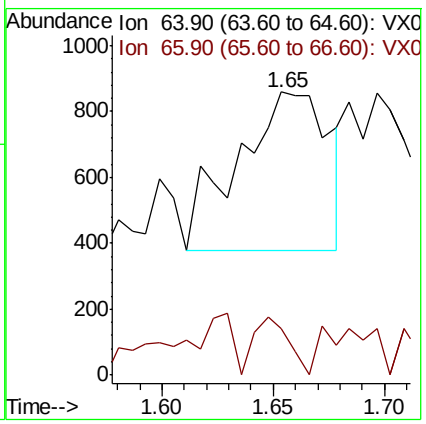


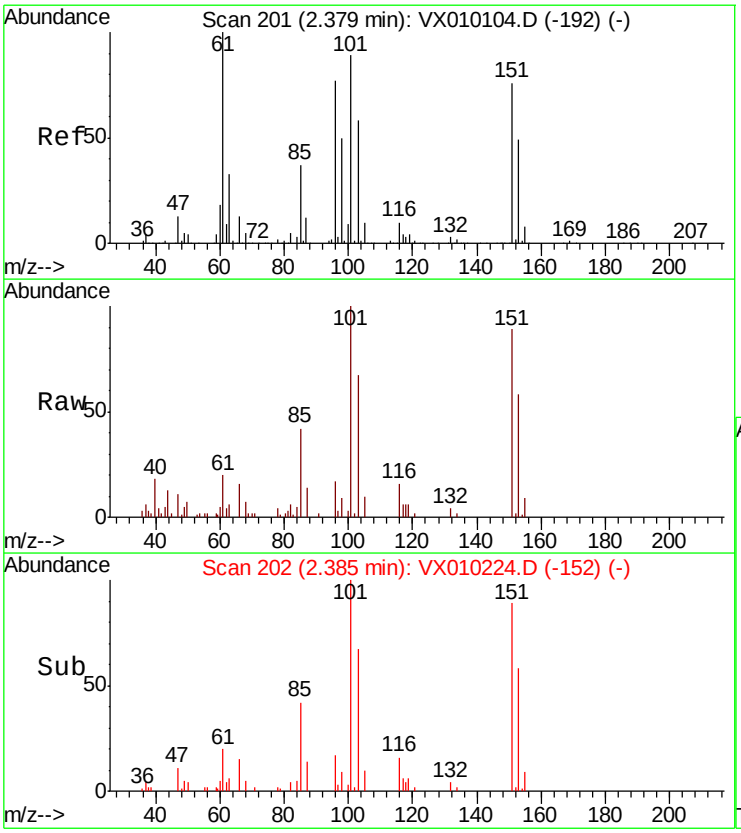
#6
Chloroethane
Concen: 1.229 ug/l
RT: 1.65 min Scan# 82
Delta R.T. -0.06 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tgt Ion: 64 Resp: 1370

Ion	Ratio	Lower	Upper
64	100		
66	10.4	25.1	37.7#

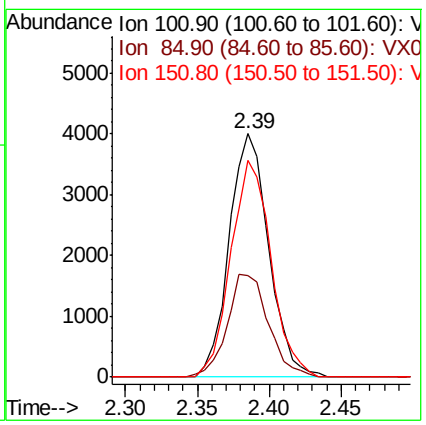


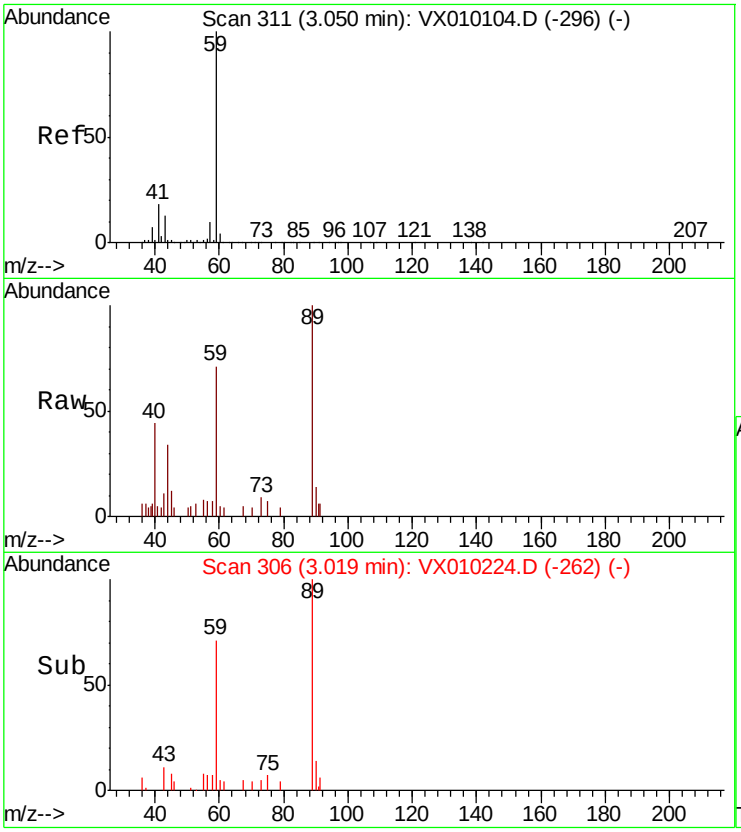


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.382 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion:101 Resp: 7655

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.2	52.8
151	90.4	61.9	92.9



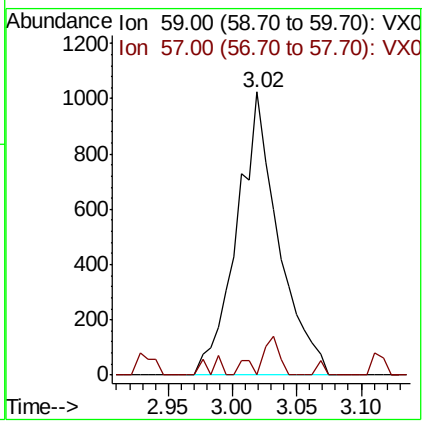


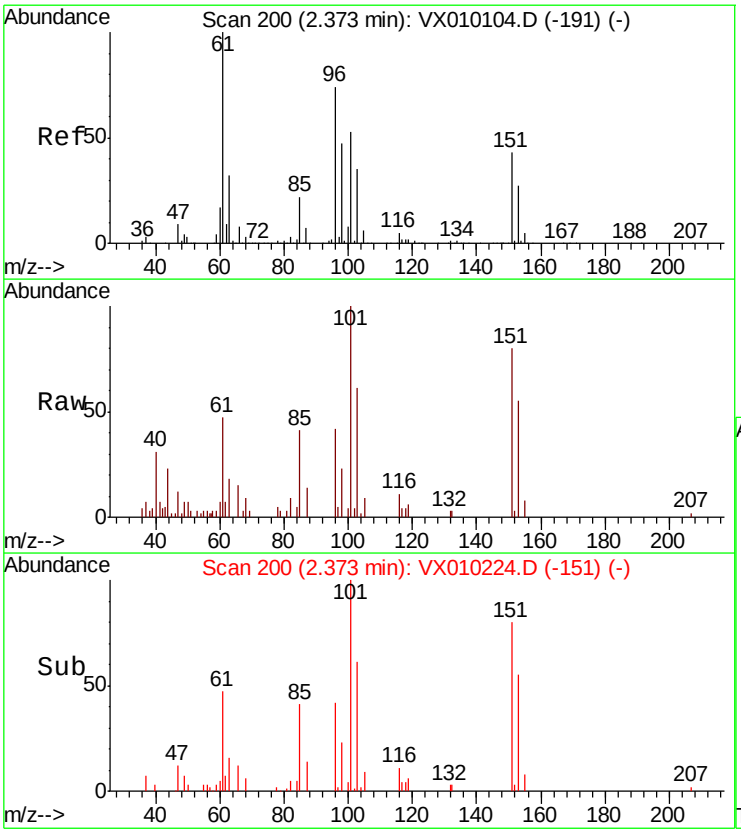
#11
Tert butyl alcohol
Concen: 3.702 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument : MSVOA_X
ClientSampleId : DUP03-20190606

Tgt Ion: 59 Resp: 2278

Ion	Ratio	Lower	Upper
59	100		
57	6.5	8.2	12.2#

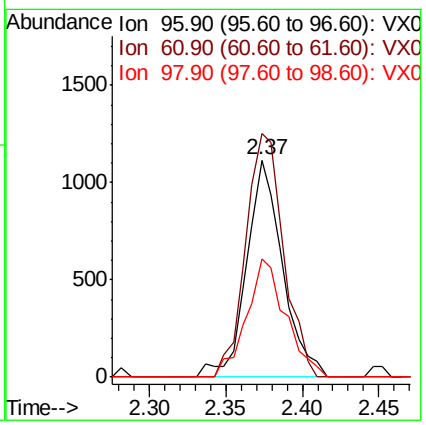


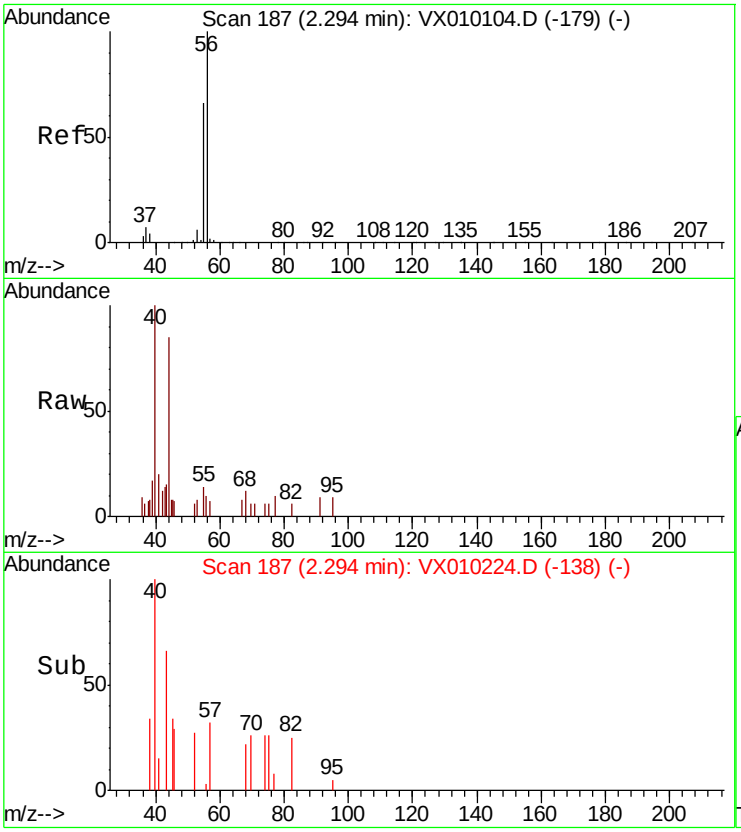


#12
1,1-Dichloroethene
Concen: 0.791 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 96 Resp: 1829

Ion	Ratio	Lower	Upper
96	100		
61	112.1	140.7	211.1#
98	54.3	50.1	75.1



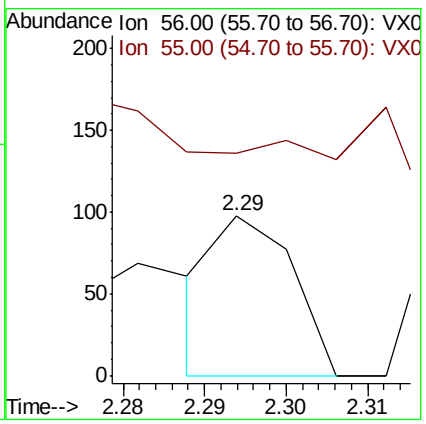


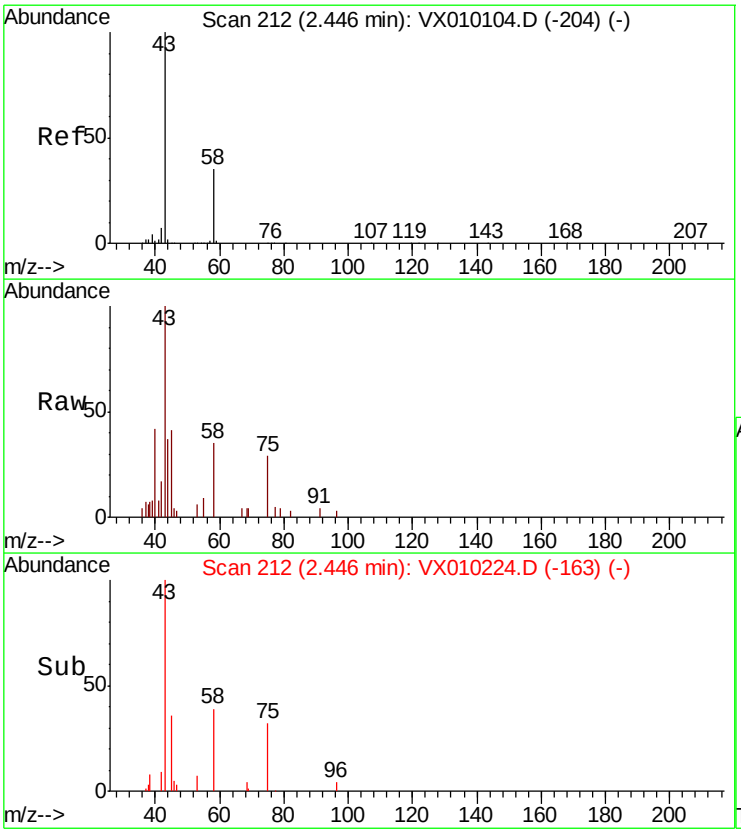
#13
Acrolein
Concen: 0.570 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tgt Ion: 56 Resp: 64

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

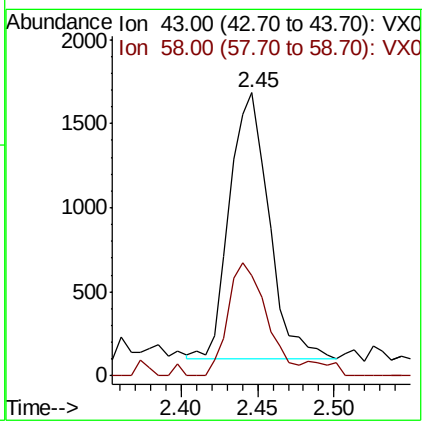


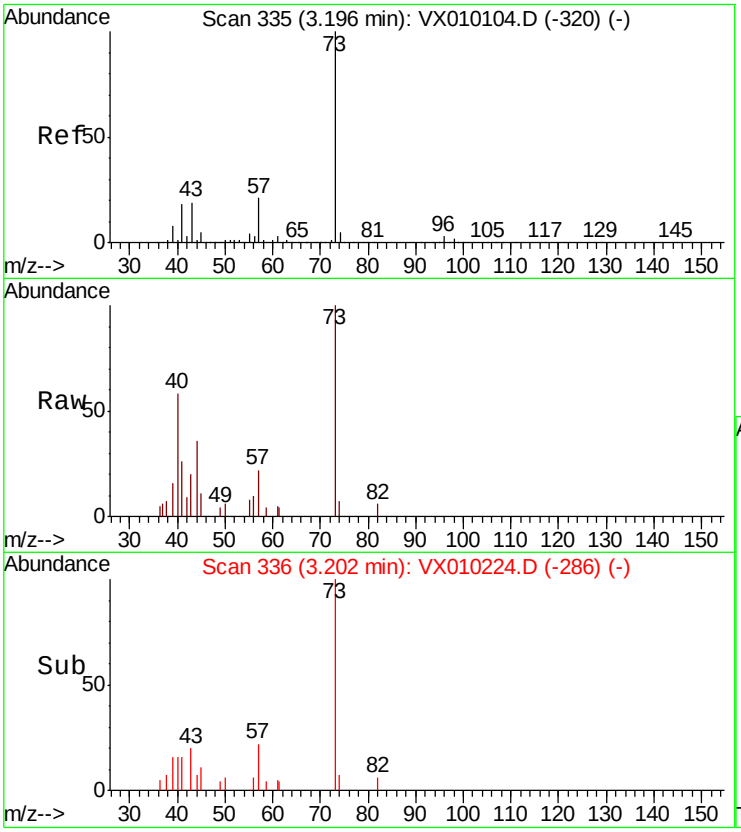


#16
Acetone
Concen: 2.384 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 43 Resp: 2817

Ion	Ratio	Lower	Upper
43	100		
58	37.6	23.2	34.8#



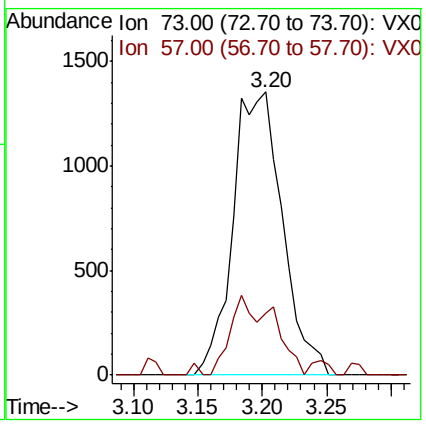


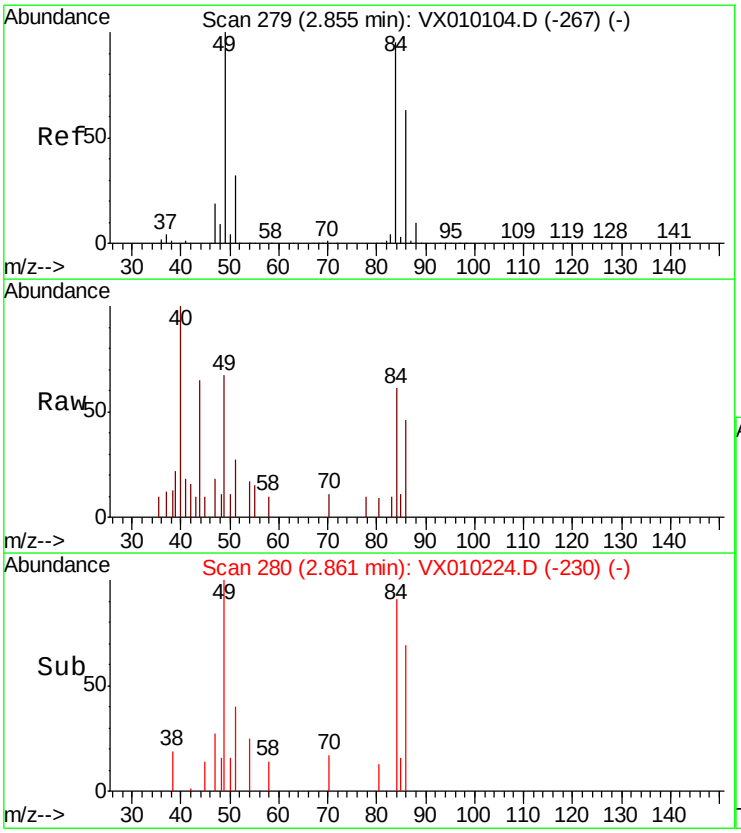
#19
Methyl tert-butyl Ether
Concen: 0.485 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.01 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument : MSVOA_X
ClientSampleId : DUP03-20190606

Tgt Ion: 73 Resp: 3604

Ion	Ratio	Lower	Upper
73	100		
57	21.7	19.4	29.2

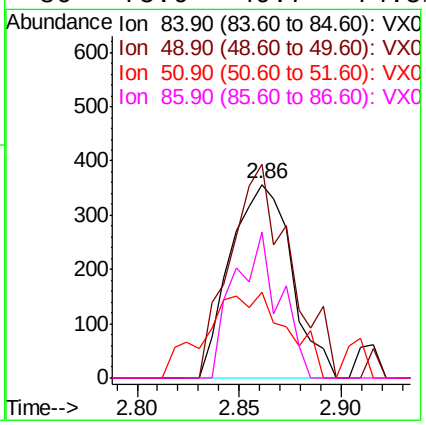


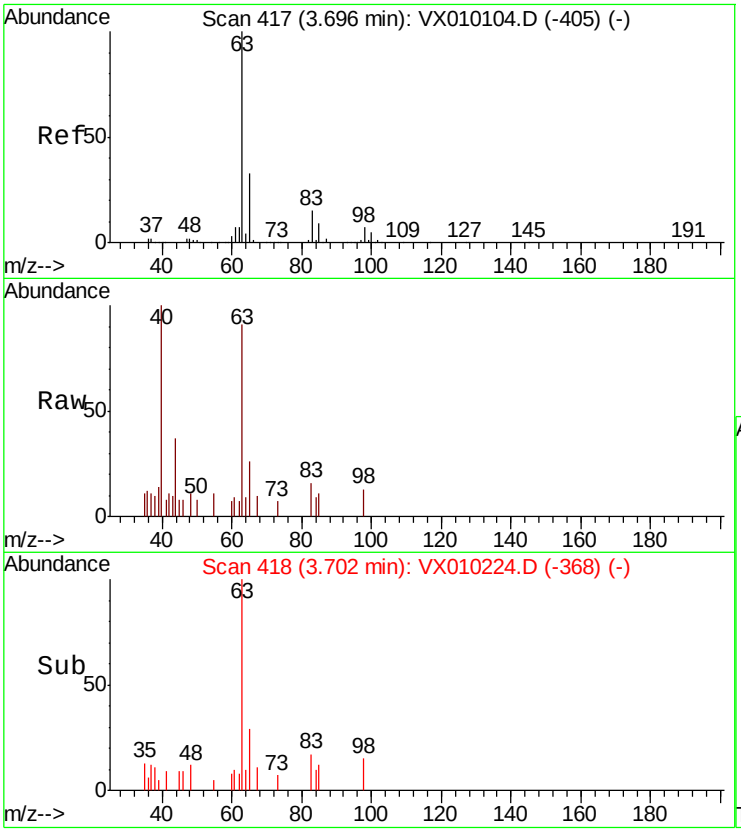


#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 84 Resp: 745

Ion	Ratio	Lower	Upper
84	100		
49	110.4	115.8	173.6#
51	44.3	34.4	51.6
86	75.6	49.7	74.5#



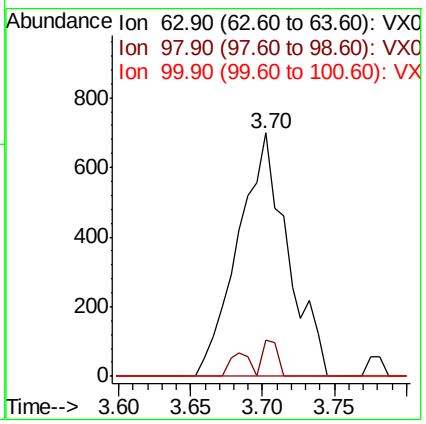


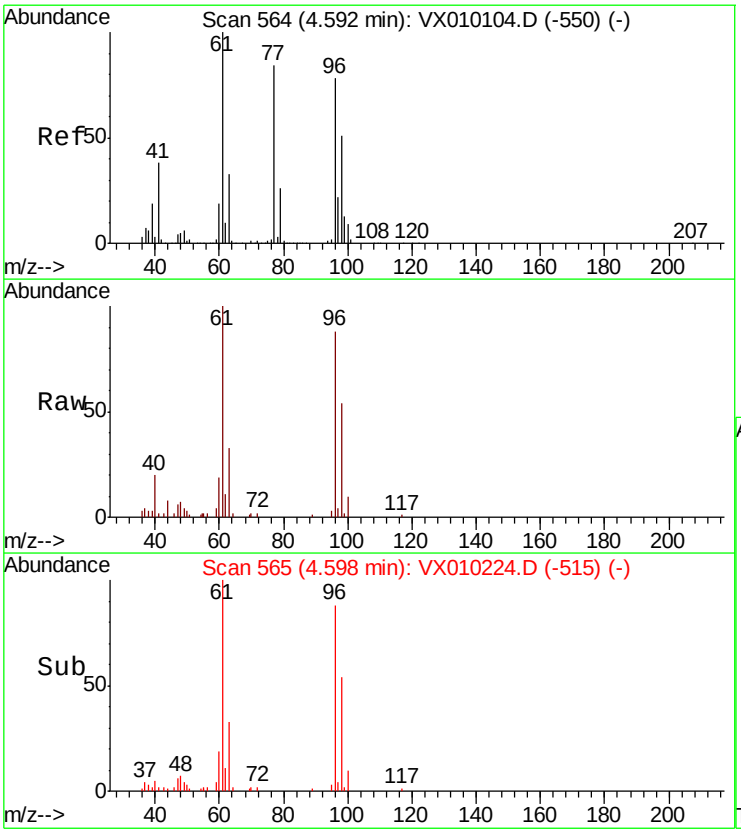
#24
1,1-Dichloroethane
Concen: 0.412 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument : MSVOA_X
ClientSampleId : DUP03-20190606

Tgt Ion: 63 Resp: 1670

Ion	Ratio	Lower	Upper
63	100		
98	14.7	2.9	8.8#
100	0.0	1.8	5.4#

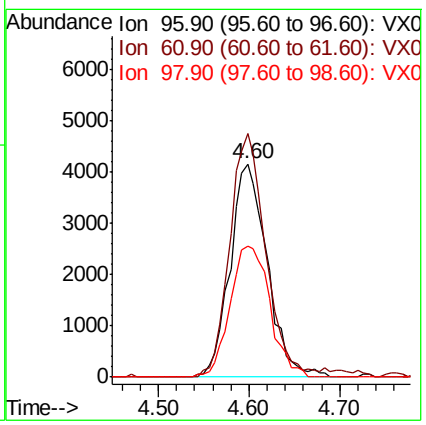


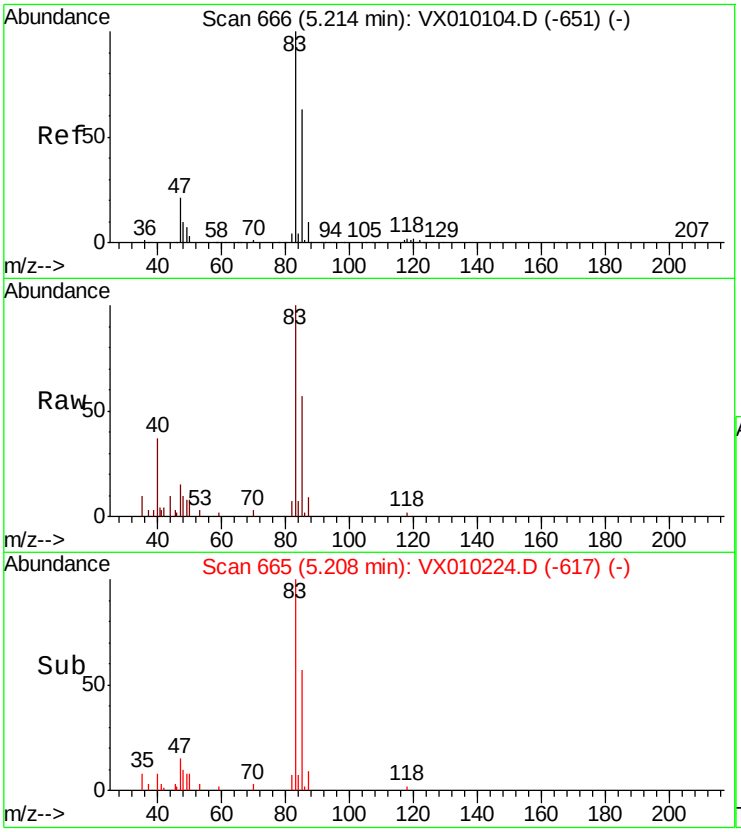


#27
cis-1,2-Dichloroethene
Concen: 4.146 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 96 Resp: 11799

Ion	Ratio	Lower	Upper
96	100		
61	111.2	0.0	334.0
98	65.9	0.0	131.6



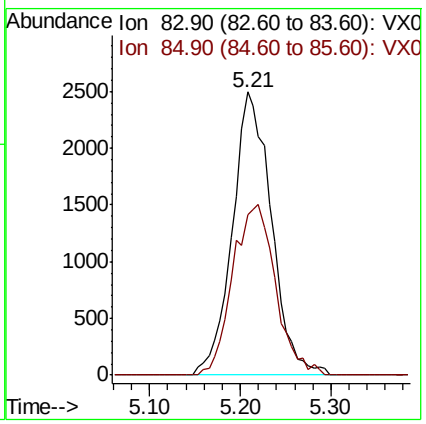


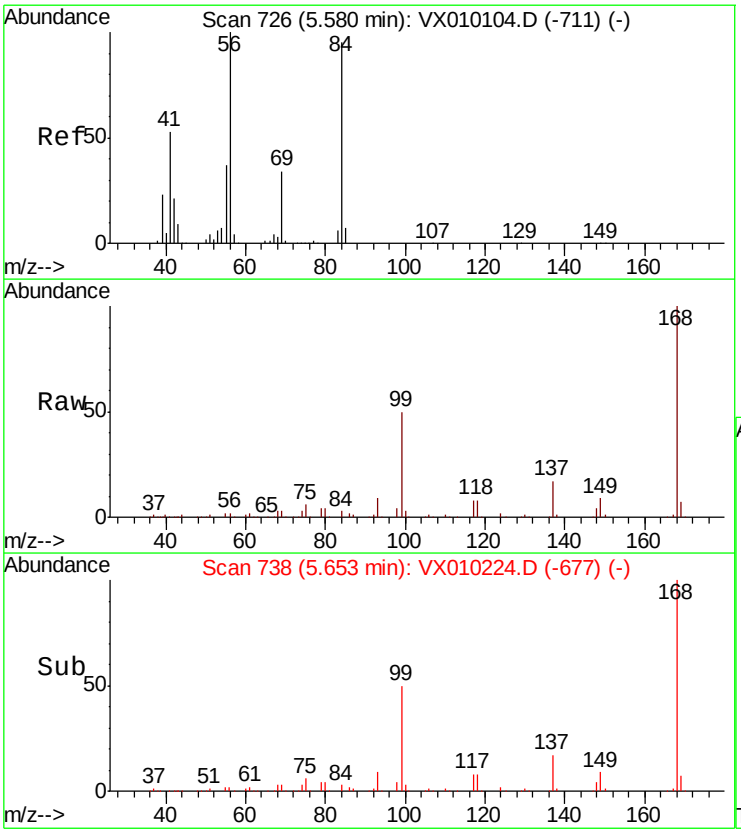
#30
Chloroform
Concen: 1.771 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument : MSVOA_X
ClientSampleId : DUP03-20190606

Tgt Ion: 83 Resp: 7450

Ion	Ratio	Lower	Upper
83	100		
85	56.7	52.6	78.8

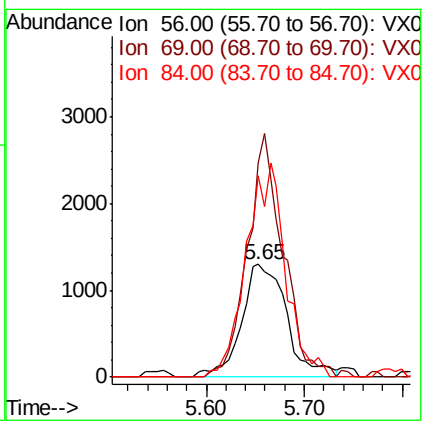


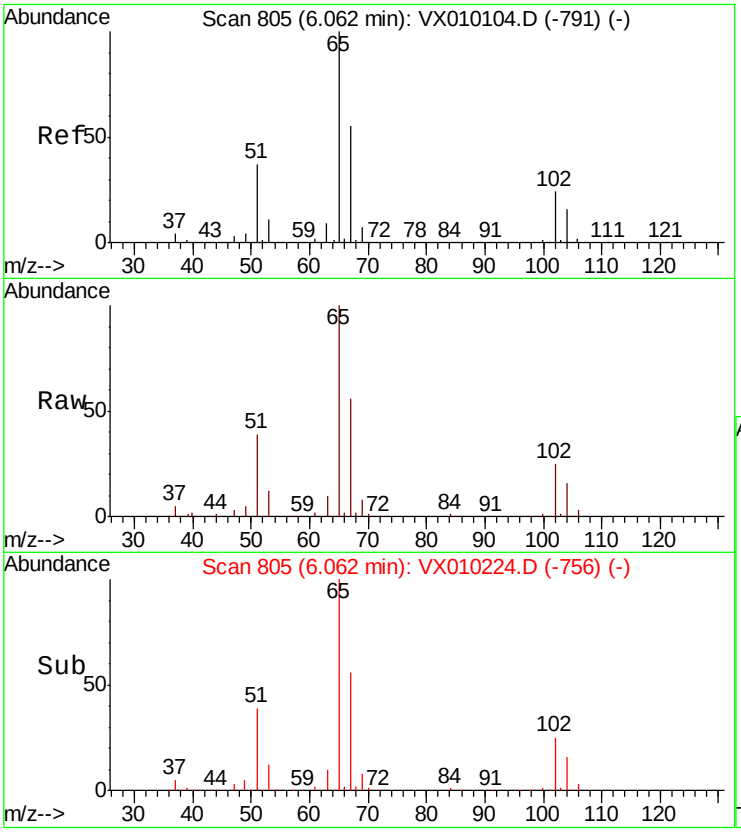


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 56 Resp: 4199

Ion	Ratio	Lower	Upper
56	100		
69	189.6	21.6	32.4#
84	178.9	56.8	85.2#



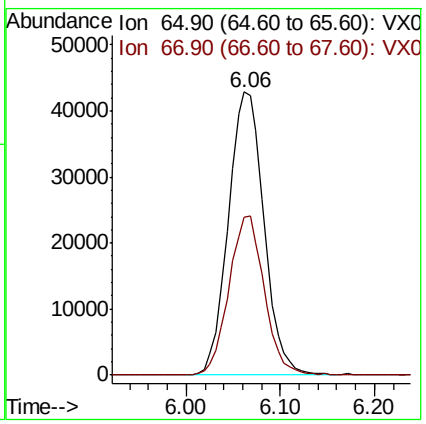


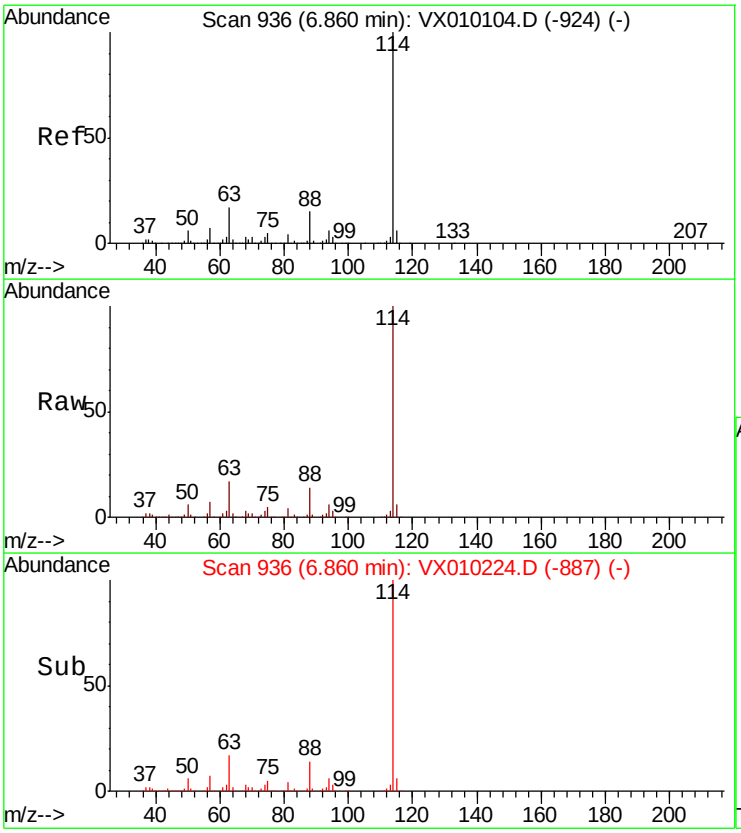
#33
1,2-Dichloroethane-d4
Concen: 45.039 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tgt Ion: 65 Resp: 113146

Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	108.4

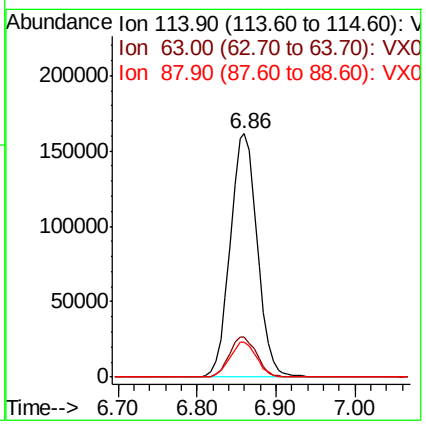


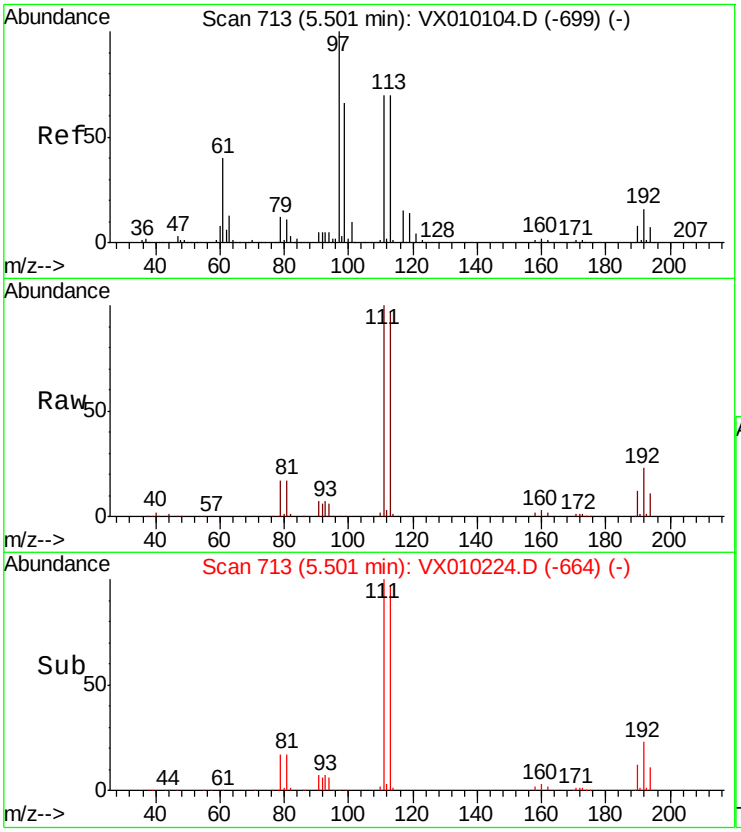


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion:114 Resp: 385573

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	47.4
88	14.3	0.0	33.0



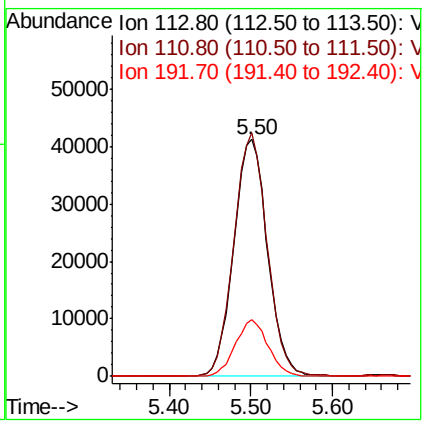


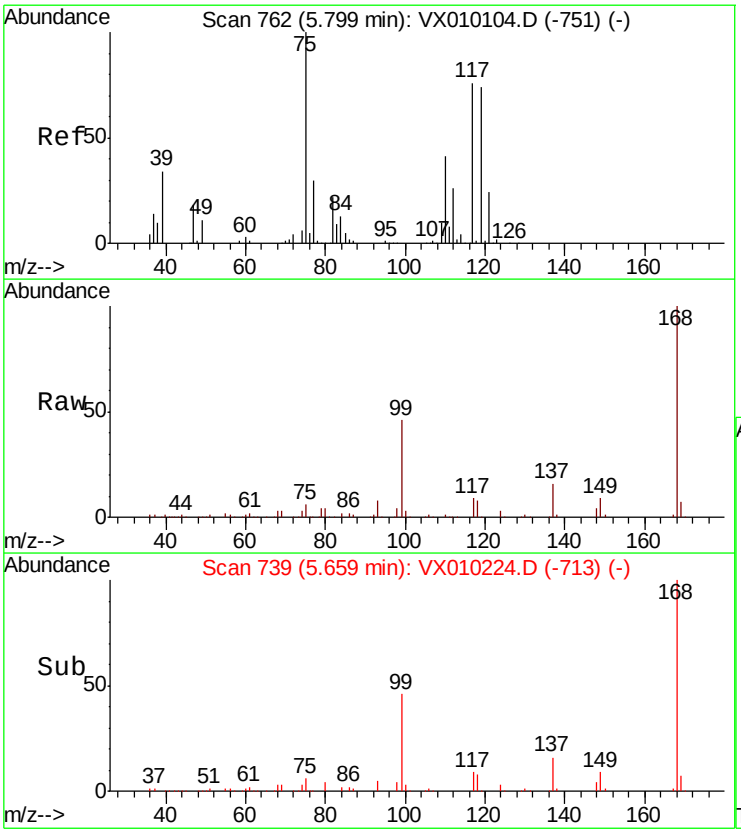
#35
Dibromofluoromethane
Concen: 49.799 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tgt Ion:113 Resp: 118438

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.2
192	23.1	17.1	25.7

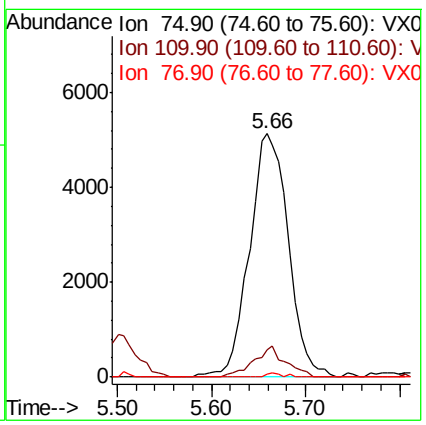


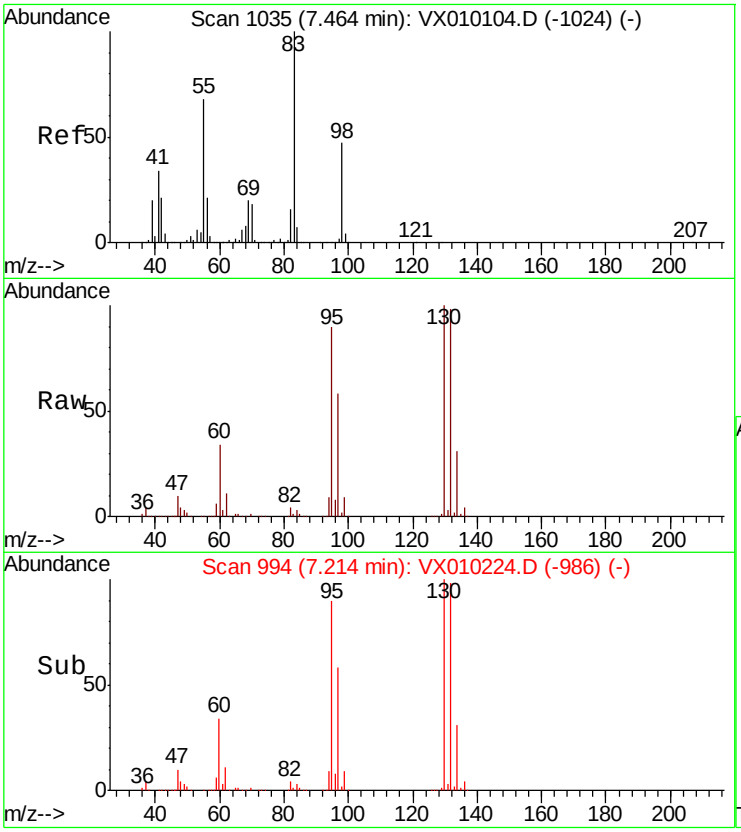


#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 75 Resp: 14820

Ion	Ratio	Lower	Upper
75	100		
110	10.5	16.7	50.1#
77	0.7	25.0	37.4#



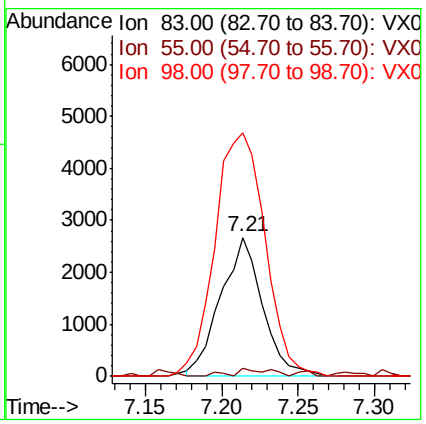


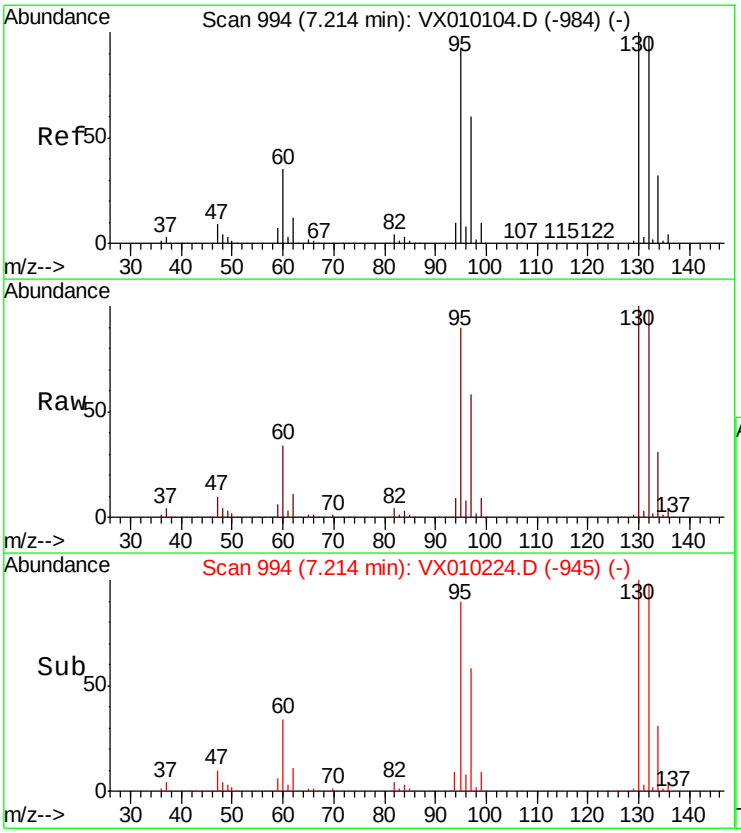
#39
Methylcyclohexane
Concen: 1.186 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tgt Ion: 83 Resp: 5082

Ion	Ratio	Lower	Upper
83	100		
55	5.8	69.9	104.9#
98	175.0	35.1	52.7#

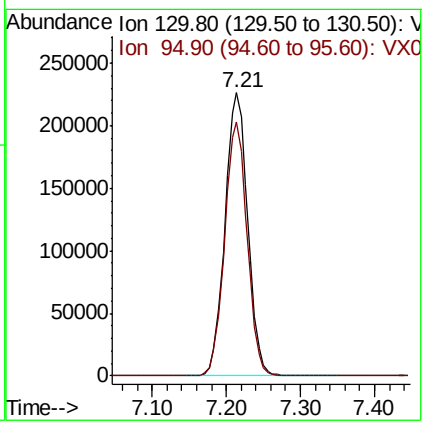


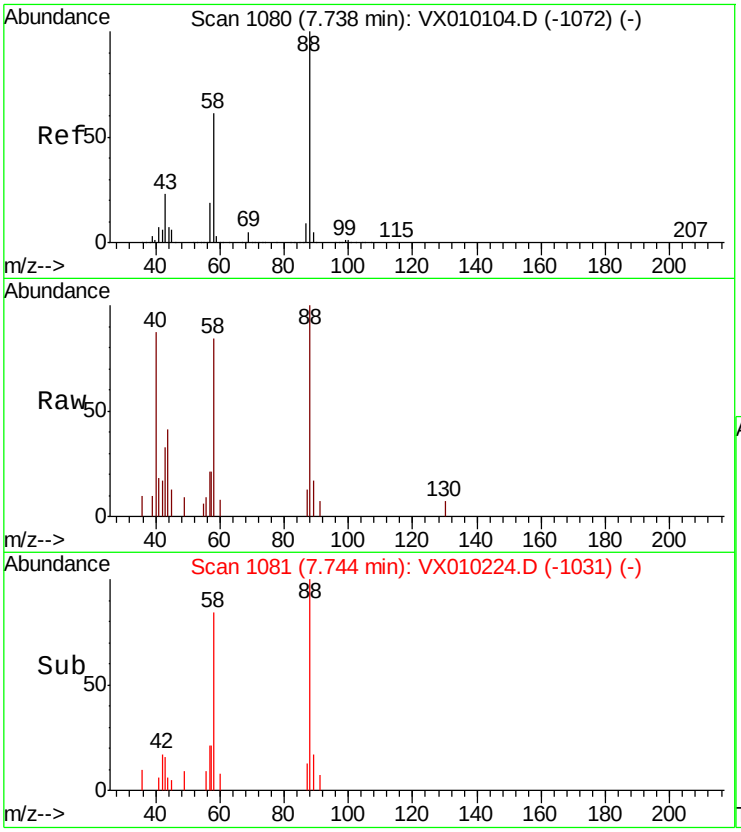


#44
Trichloroethene
Concen: 164.525 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion:130 Resp: 482392

Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	207.4



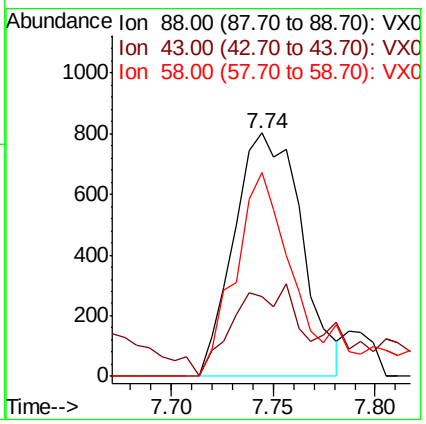


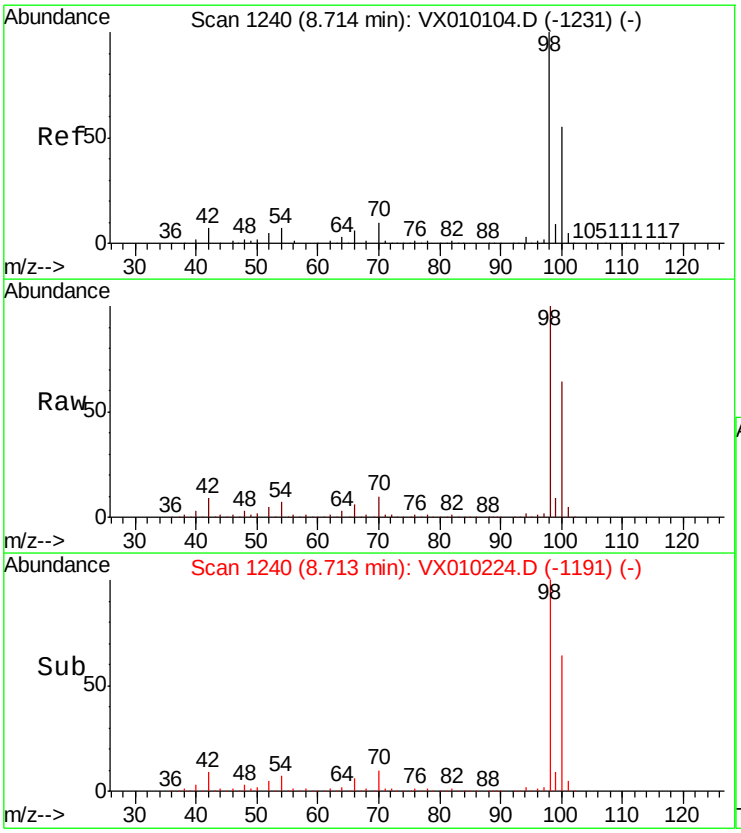
#49
1,4-Dioxane
Concen: 25.299 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tgt Ion: 88 Resp: 1846

Ion	Ratio	Lower	Upper
88	100		
43	34.9	30.2	45.4
58	74.5	64.0	96.0

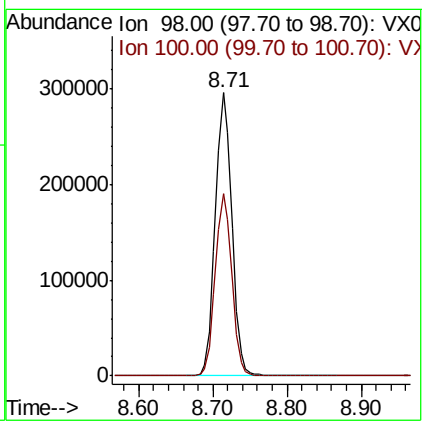


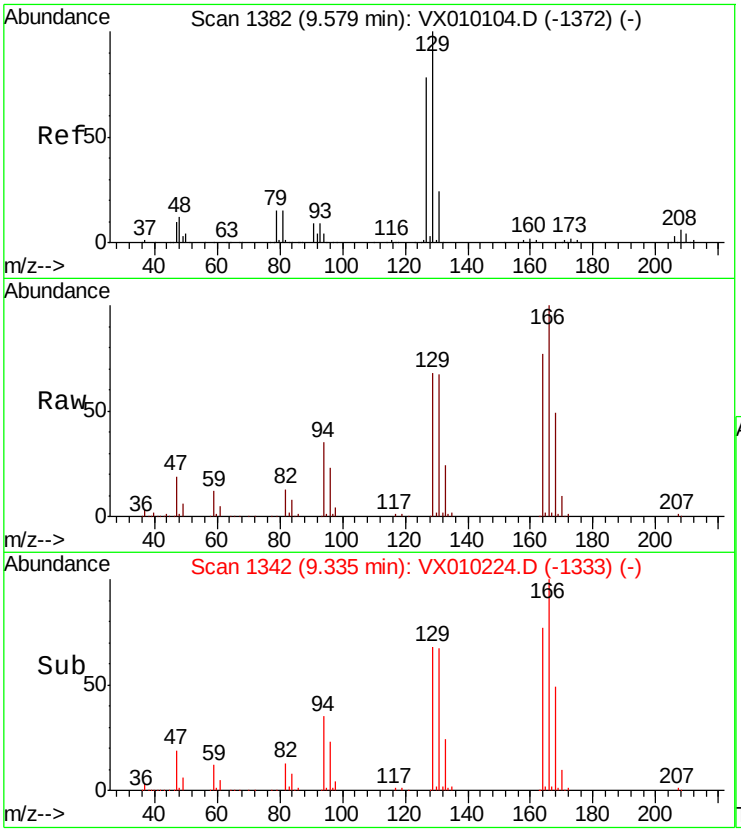


#50
Toluene-d8
Concen: 50.900 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 98 Resp: 453700

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3



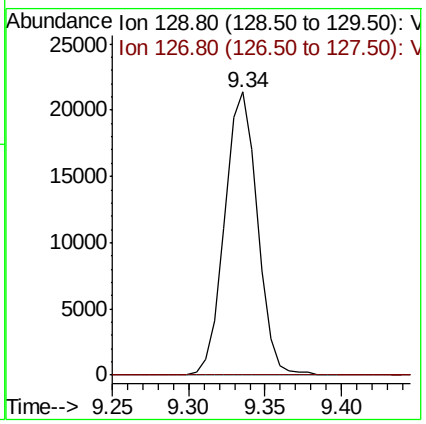


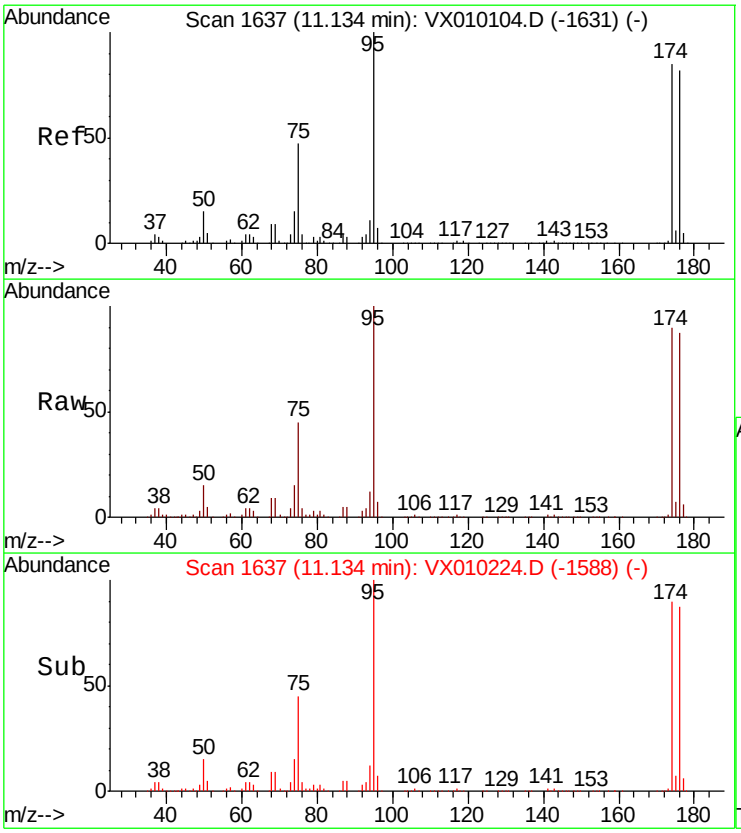
#60
Dibromochloromethane
Concen: 10.212 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tgt Ion:129 Resp: 31631

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#

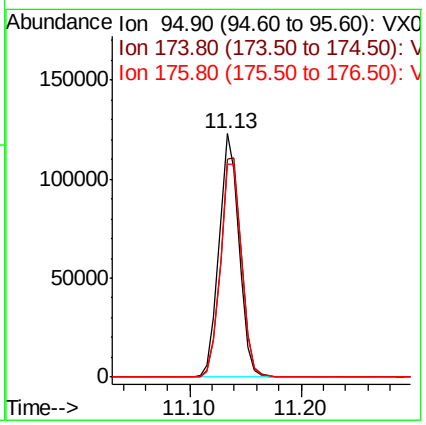


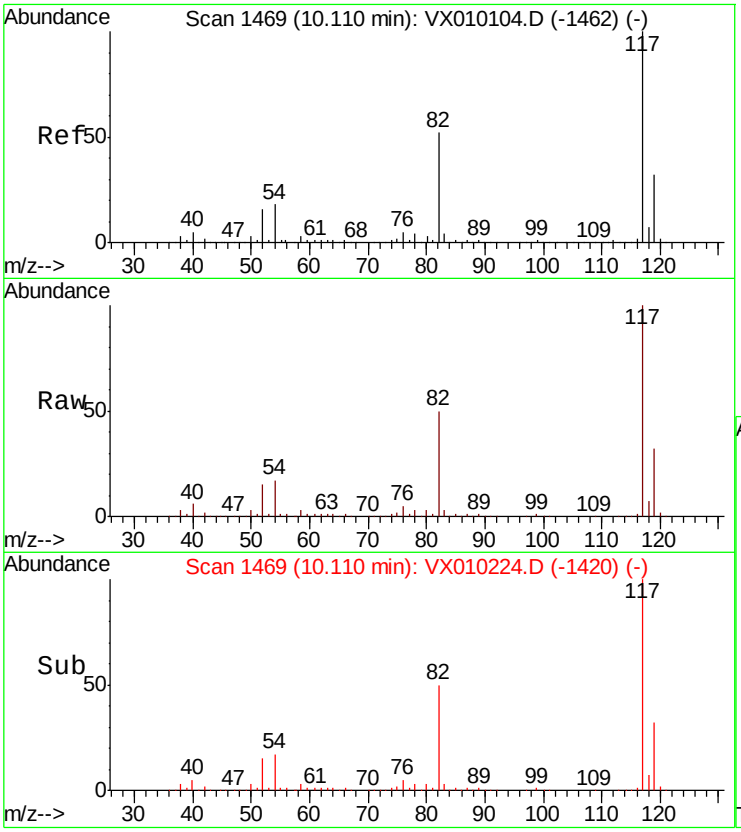


#62
4-Bromofluorobenzene
Concen: 45.826 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 95 Resp: 152548

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	160.4
176	92.4	0.0	154.6



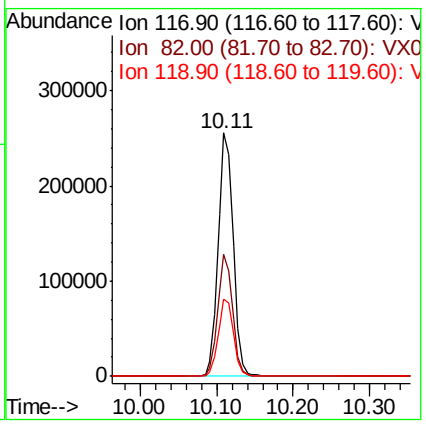


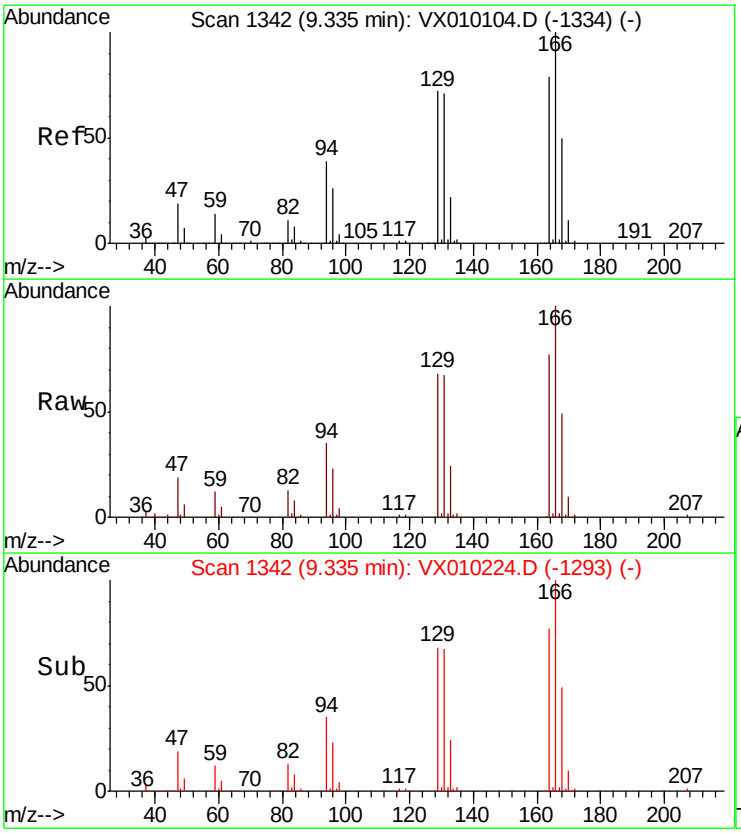
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument : MSVOA_X
ClientSampleId : DUP03-20190606

Tgt Ion:117 Resp: 348392

Ion	Ratio	Lower	Upper
117	100		
82	50.1	49.2	73.8
119	31.8	25.2	37.8

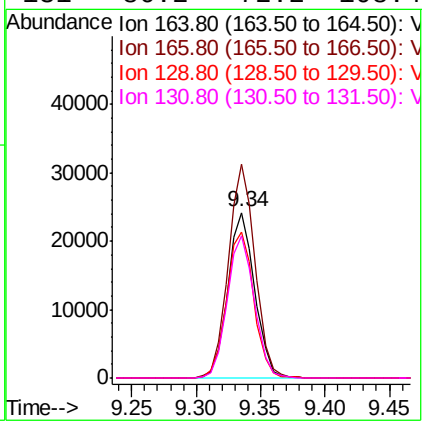


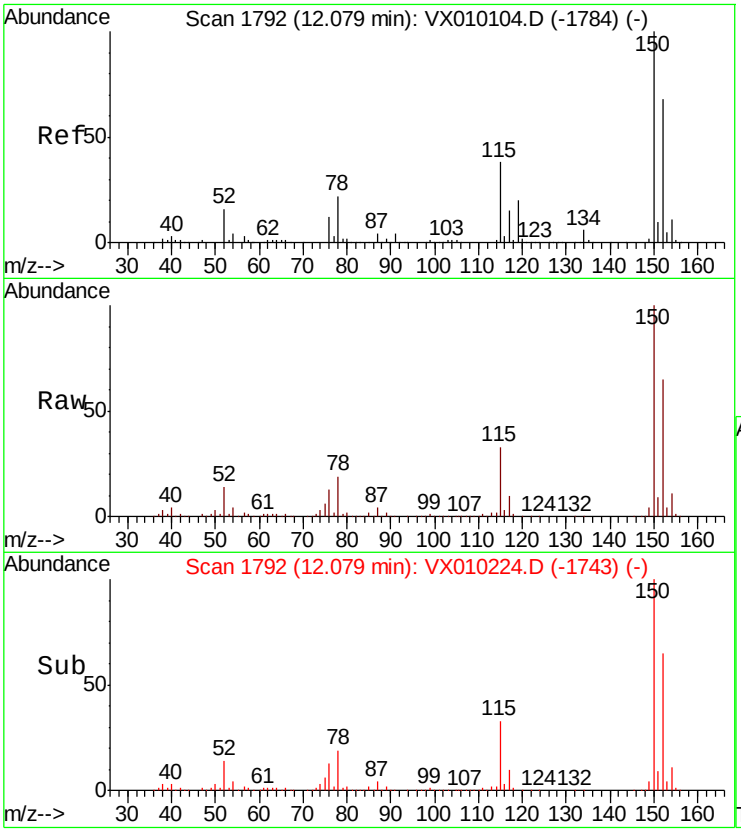


#64
Tetrachloroethene
Concen: 13.651 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion:164 Resp: 35324

Ion	Ratio	Lower	Upper
164	100		
166	129.3	105.0	157.4
129	88.4	75.1	112.7
131	86.2	72.2	108.4



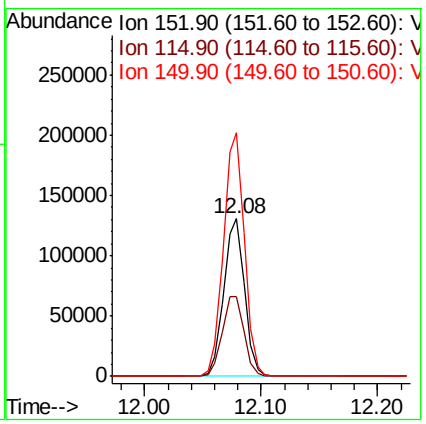


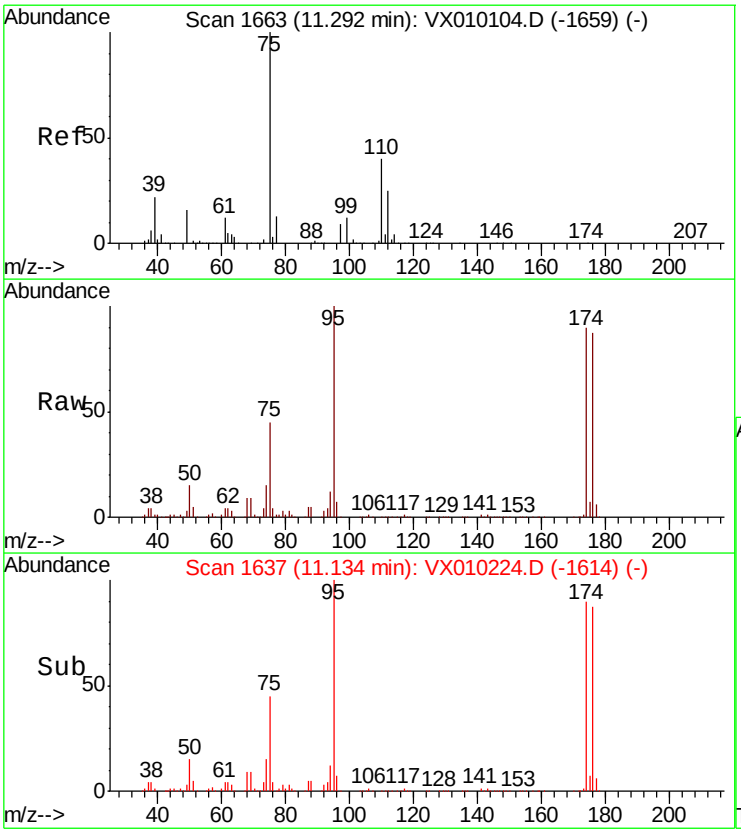
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tgt Ion:152 Resp: 161128

Ion	Ratio	Lower	Upper
152	100		
115	53.3	41.4	124.2
150	155.8	0.0	345.2

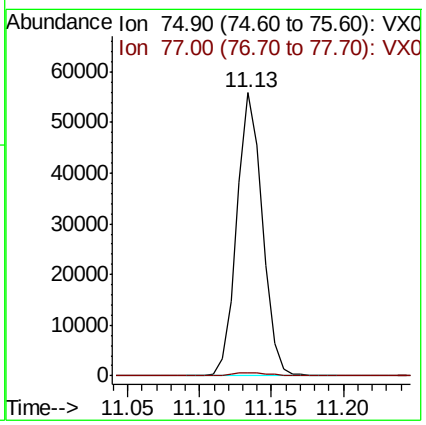


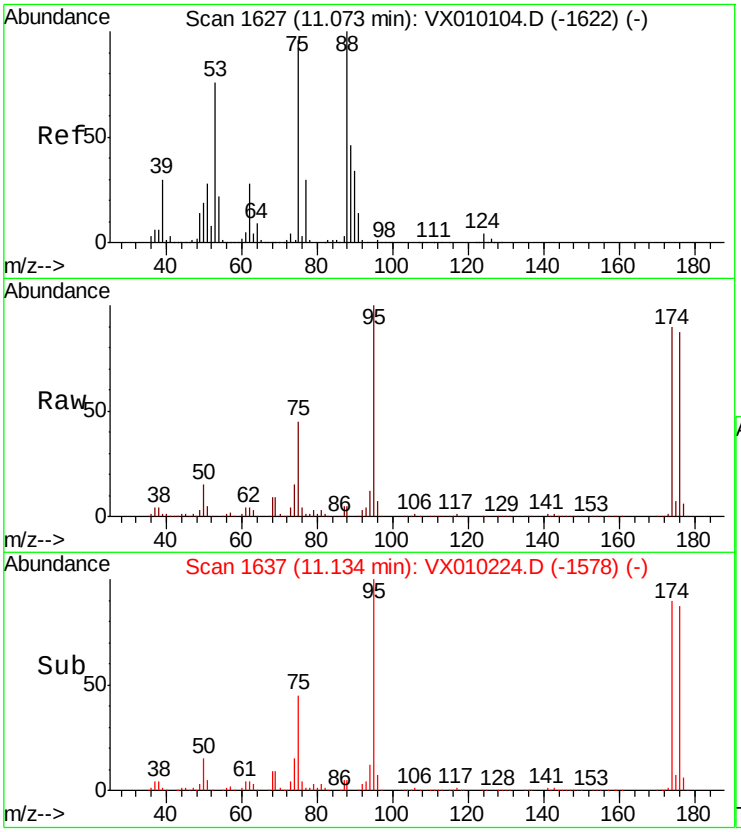


#76
1,2,3-Trichloropropane
Concen: 21.447 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 75 Resp: 69121

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 47.386 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010224.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20190606

Tgt Ion: 75 Resp: 69121

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.8	119.6#
89	0.0	34.2	51.4#