Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061019\
Data File : VX010198.D
Acq On : 11 Jun 2019 00:20
Operator : JC/SP
Sample : K3255-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE122D1-20190604

Quant Time: Jun 11 02:43:11 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	265609	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	404793	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	363088	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169882	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	119807	46.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.42%				
35) Dibromofluoromethane	5.50	113	123588	49.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.00%				
50) Toluene-d8	8.71	98	477108	50.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.96%				
62) 4-Bromofluorobenzene	11.13	95	165352	47.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.62%				
Target Compounds							Qvalue
6) Chloroethane	1.65	64	950	0.826	ug/l	#	52
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7703	3.298	ug/l		91
10) Methyl Iodide	2.52	142	953	0.263	ug/l		93
11) Tert butyl alcohol	3.02	59	6587	10.371	ug/l	#	80
12) 1,1-Dichloroethene	2.37	96	2184	0.915	ug/l		86
13) Acrolein	2.30	56	135	1.166	ug/l	#	77
15) Acrylonitrile	3.17	53	547	0.421	ug/l		97
16) Acetone	2.44	43	3041	2.494	ug/l	#	80
17) Carbon Disulfide	2.57	76	2292	0.332	ug/l		97
18) Methyl Acetate	2.78	43	547	0.204	ug/l	#	91
21) trans-1,2-Dichloroethene	3.17	96	1347	0.510	ug/l	#	66
25) 2-Butanone	4.70	43	1000	0.551	ug/l		96
27) cis-1,2-Dichloroethene	4.60	96	7847	2.672	ug/l		71
30) Chloroform	5.21	83	2282	0.526	ug/l		93
36) 1,1-Dichloropropene	5.66	75	15886	4.810	ug/l	#	51
38) Carbon Tetrachloride	5.78	117	2093	0.560	ug/l	#	82
39) Methylcyclohexane	7.21	83	16029	3.564	ug/l	#	1
44) Trichloroethene	7.21	130	1468154	476.956	ug/l		89
49) 1,4-Dioxane	7.74	88	971	12.675	ug/l	#	84
55) 1,1,2-Trichloroethane	9.22	97	864	0.314	ug/l	#	90
60) Dibromochloromethane	9.34	129	4528	1.392	ug/l	#	11
64) Tetrachloroethene	9.34	164	4977	1.846	ug/l		89
76) 1,2,3-Trichloropropane	11.13	75	74153	21.823	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	74153	48.216	ug/l	#	10
93) 1,2,4-Trichlorobenzene	13.65	180	822	0.201	ug/l		99

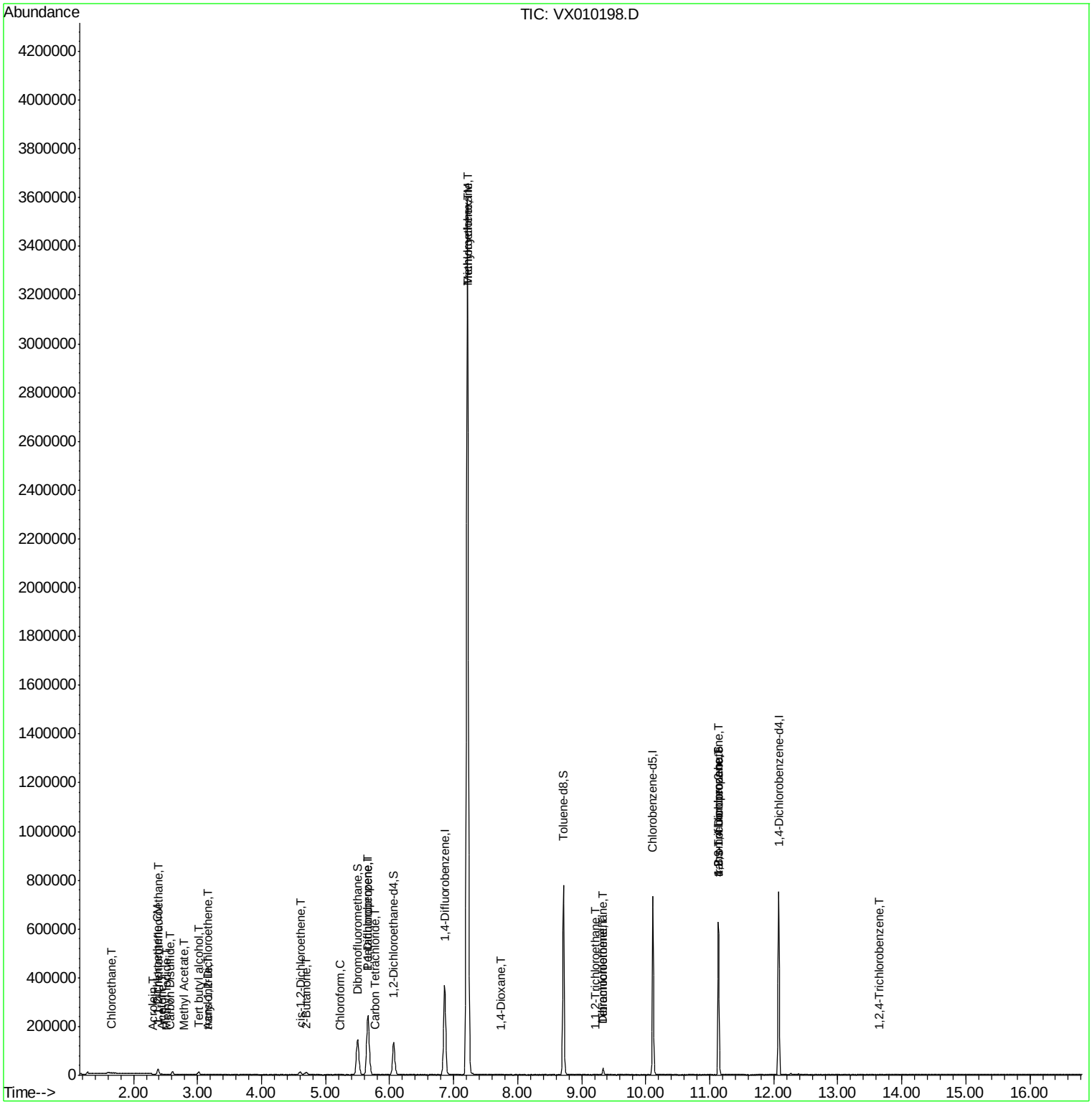
(#) = qualifier out of range (m) = manual integration (+) = signals summed

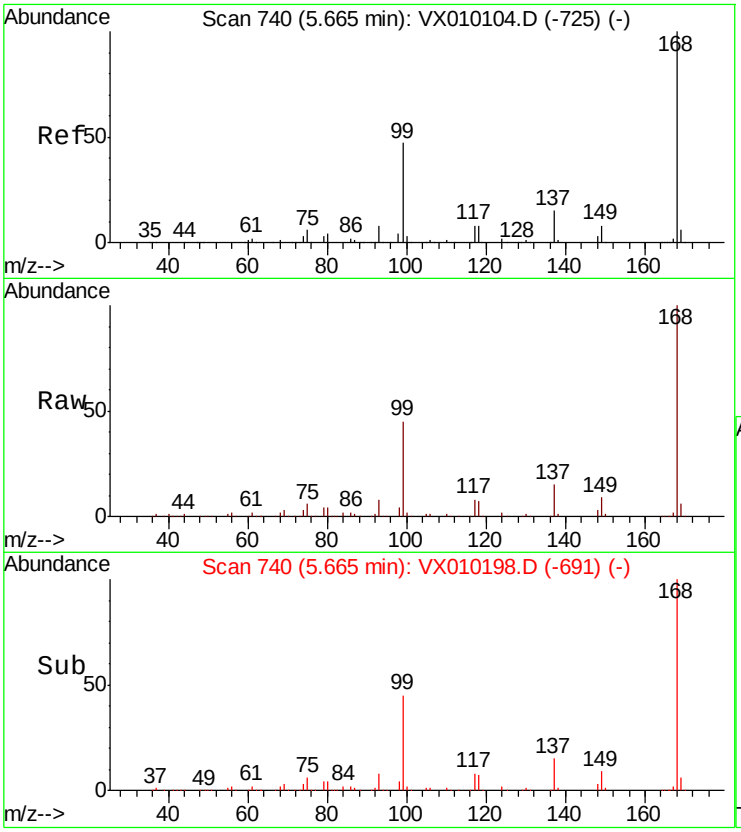
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061019\
Data File : VX010198.D
Acq On : 11 Jun 2019 00:20
Operator : JC/SP
Sample : K3255-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Quant Time: Jun 11 02:43:11 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



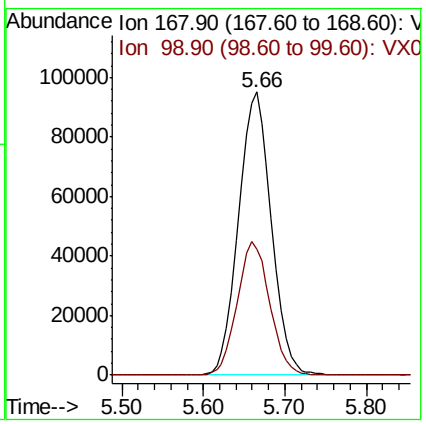


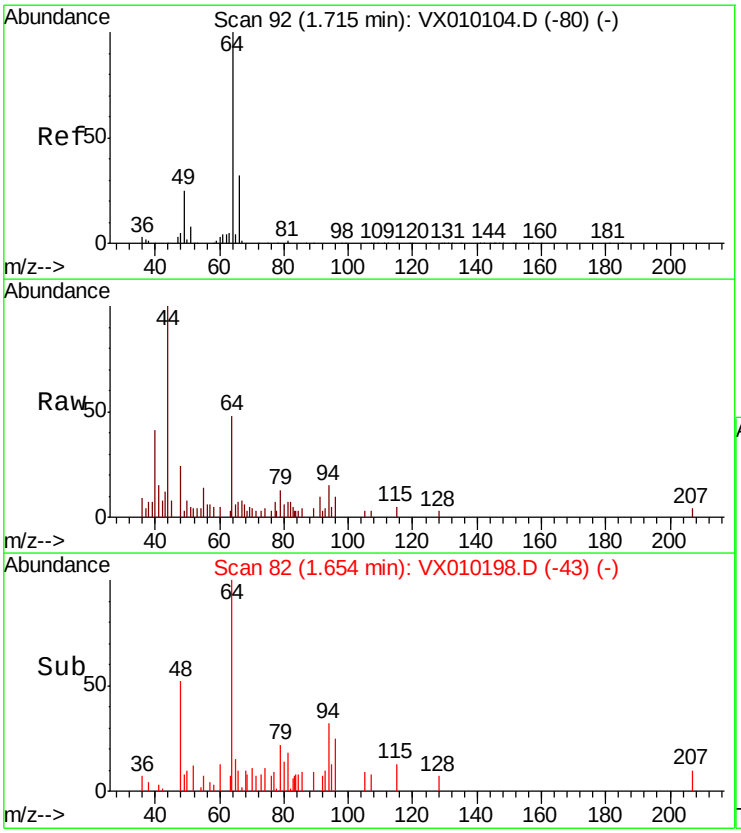
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion:168 Resp: 265609

Ion	Ratio	Lower	Upper
168	100		
99	44.6	43.0	64.6

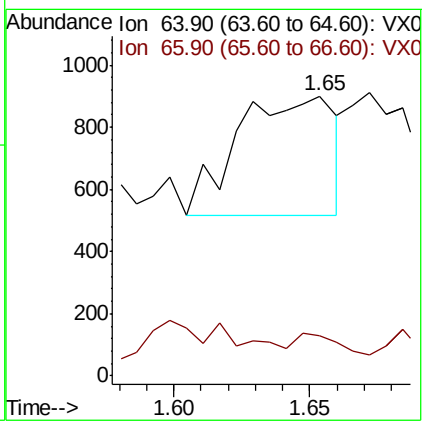


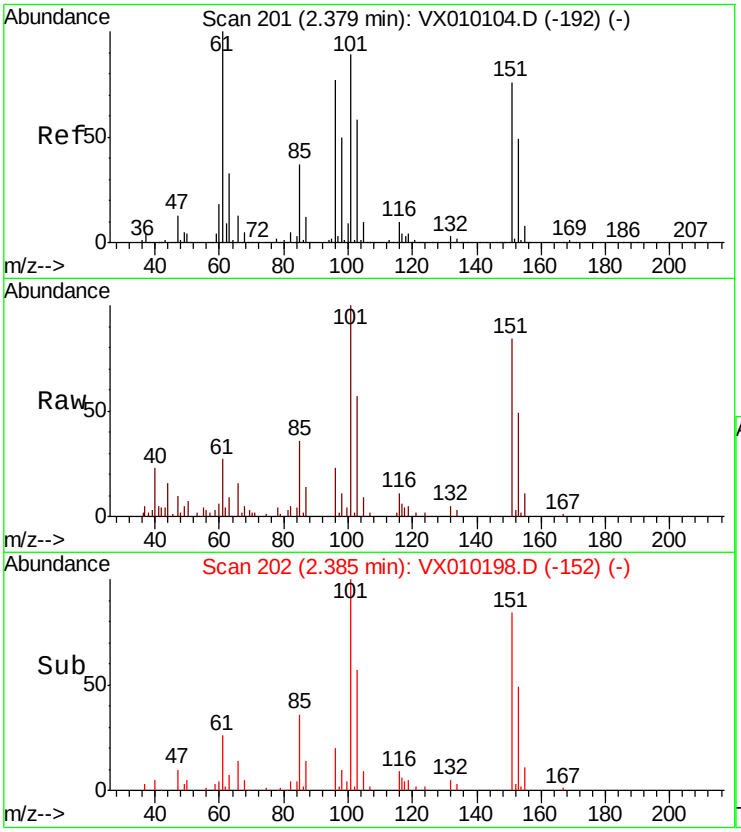


#6
Chloroethane
Concen: 0.826 ug/l
RT: 1.65 min Scan# 82
Delta R.T. -0.06 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion: 64 Resp: 950

Ion	Ratio	Lower	Upper
64	100		
66	5.0	25.1	37.7#



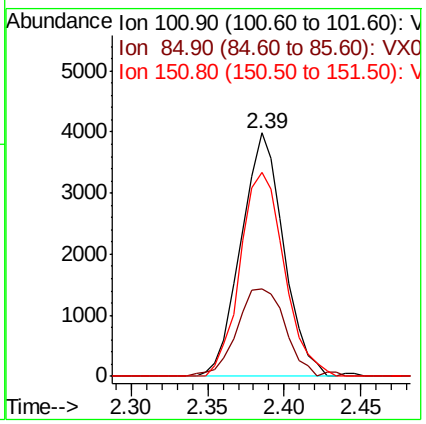


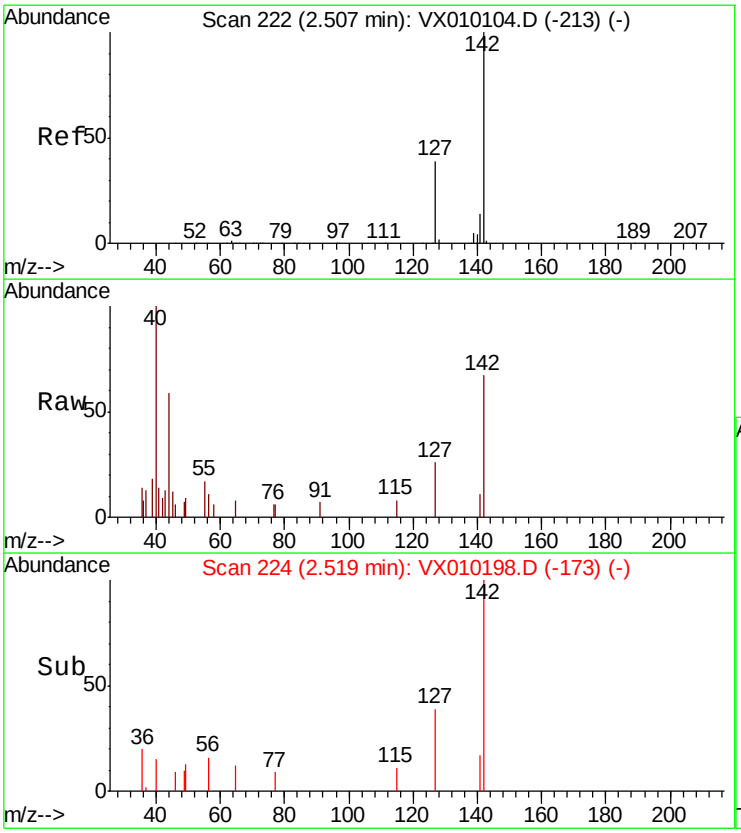
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.298 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion:101 Resp: 7703

Ion	Ratio	Lower	Upper
101	100		
85	41.3	35.2	52.8
151	87.0	61.9	92.9

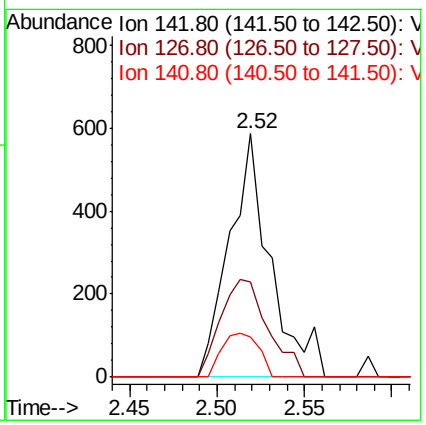


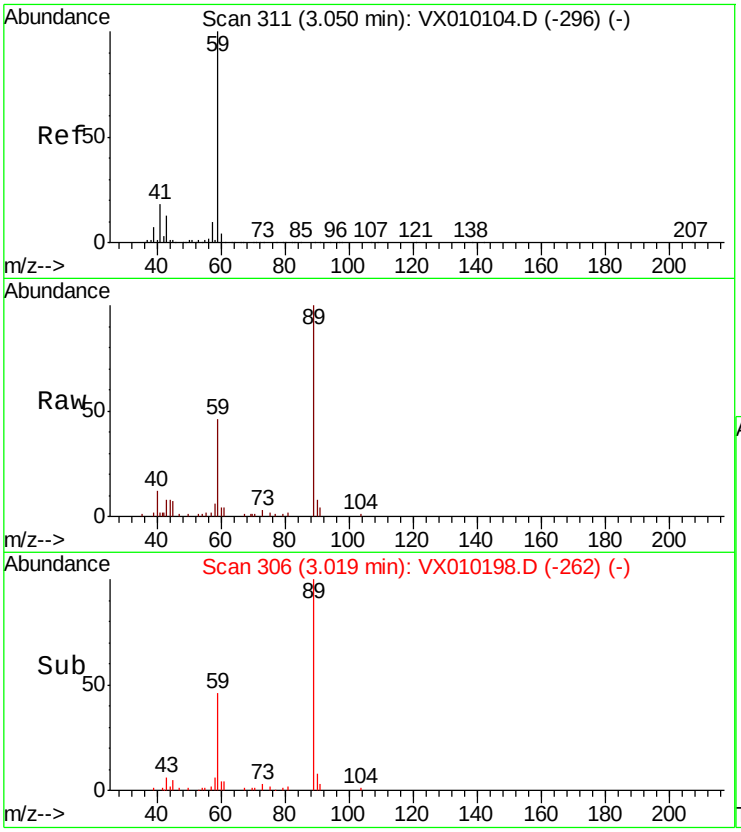


#10
Methyl Iodide
Concen: 0.263 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion:142 Resp: 953

Ion	Ratio	Lower	Upper
142	100		
127	46.2	33.0	49.4
141	16.1	11.4	17.0



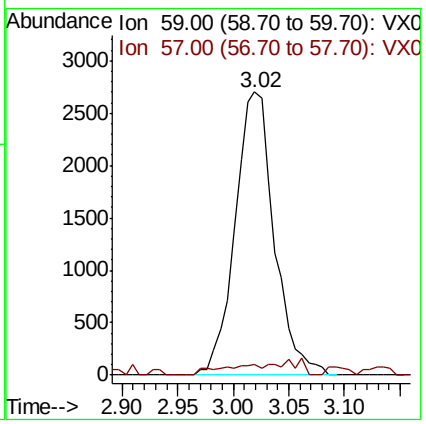


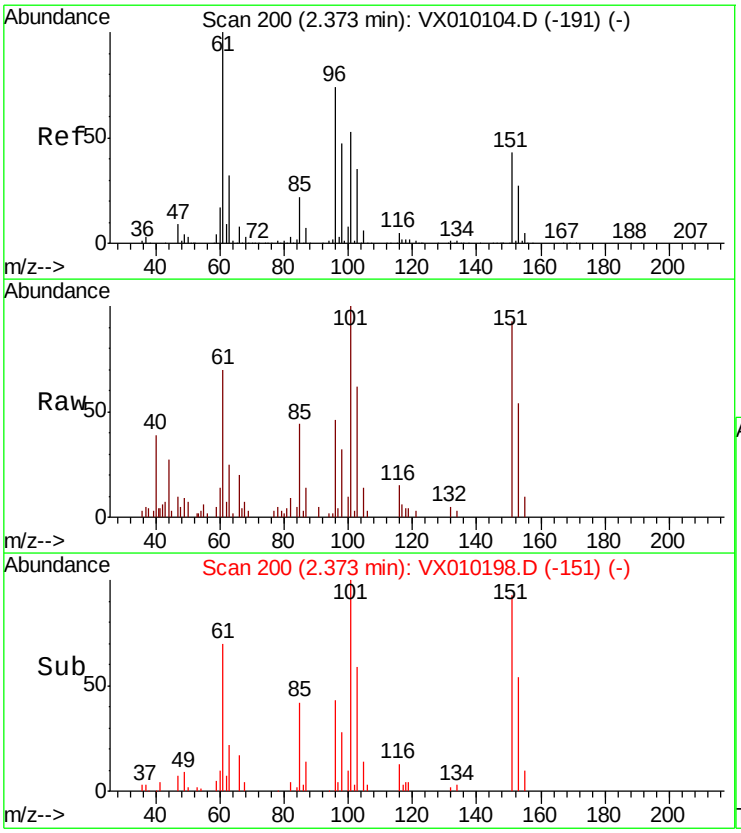
#11
Tert butyl alcohol
Concen: 10.371 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument : MSVOA_X
ClientSampleId : RE122D1-20190604

Tgt Ion: 59 Resp: 6587

Ion	Ratio	Lower	Upper
59	100		
57	2.8	8.2	12.2#

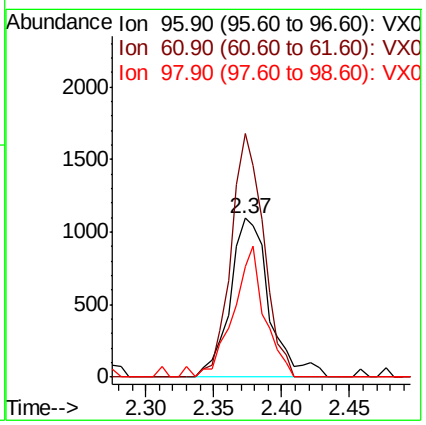


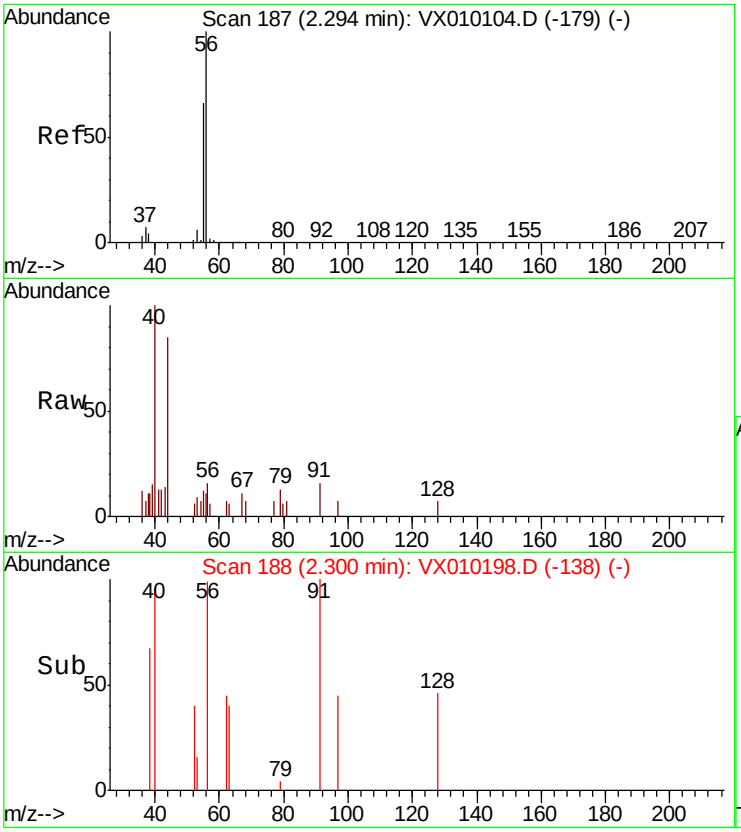


#12
1,1-Dichloroethene
Concen: 0.915 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion: 96 Resp: 2184

Ion	Ratio	Lower	Upper
96	100		
61	153.2	140.7	211.1
98	69.7	50.1	75.1



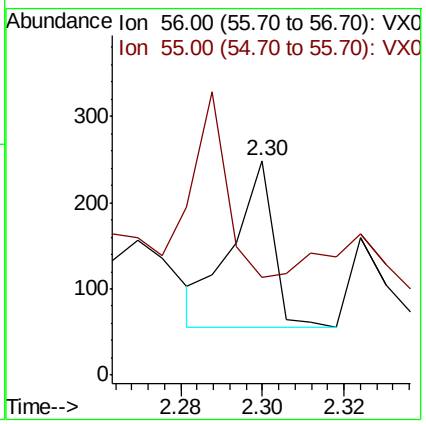


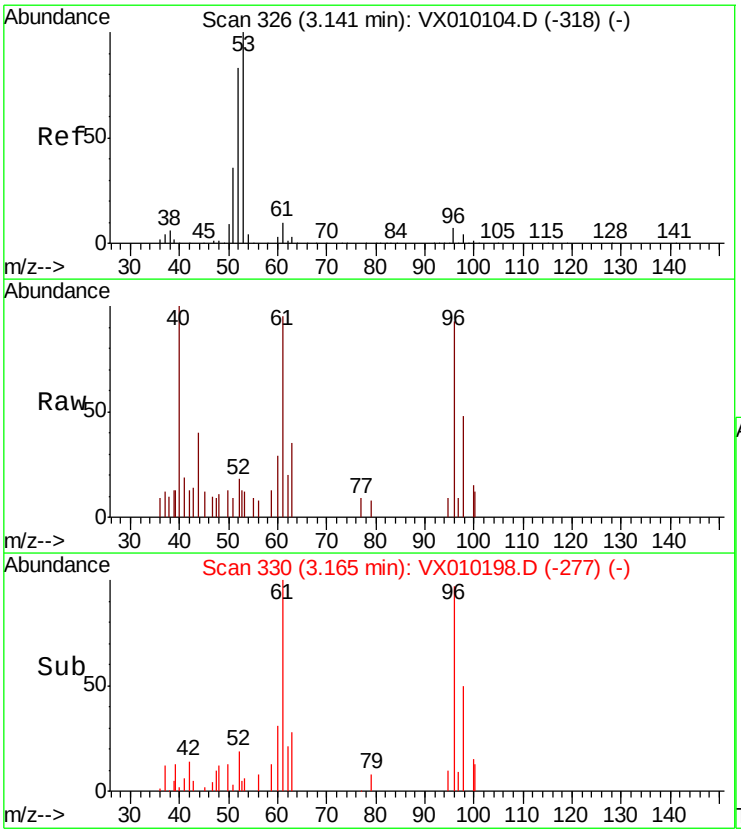
#13
Acrolein
Concen: 1.166 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument : MSVOA_X
ClientSampleId : RE122D1-20190604

Tgt Ion: 56 Resp: 135

Ion	Ratio	Lower	Upper
56	100		
55	90.4	57.0	85.4#

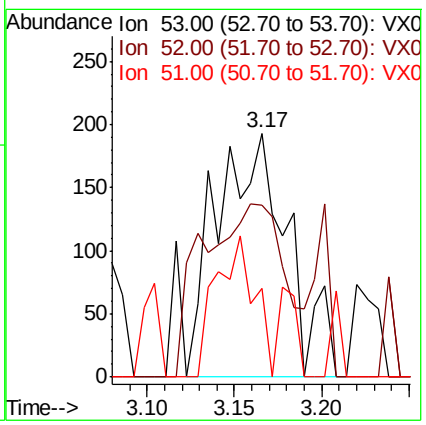


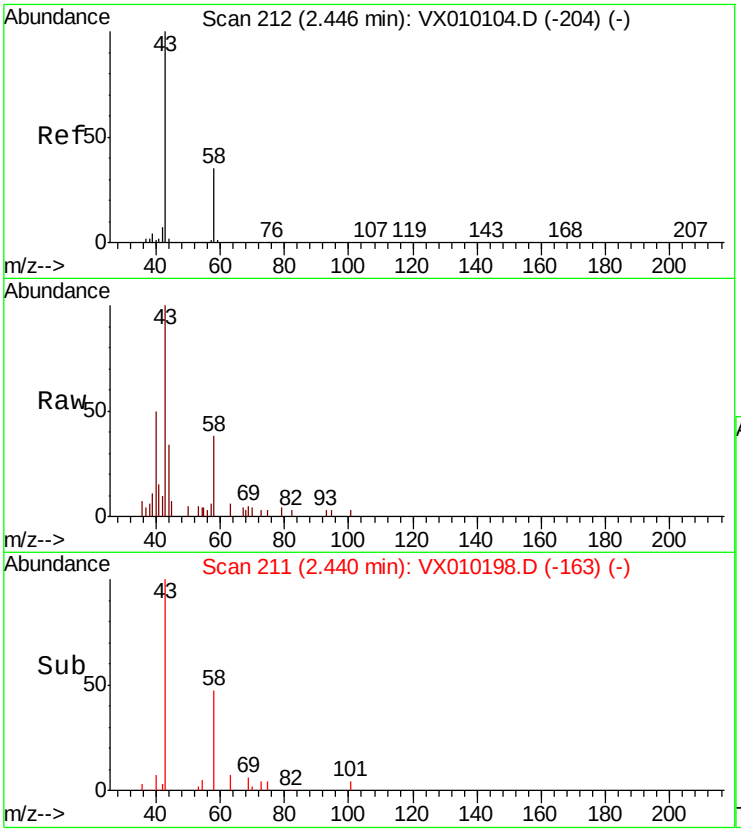


#15
Acrylonitrile
Concen: 0.421 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.02 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion: 53 Resp: 547

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.7	100.1
51	31.4	28.8	43.2



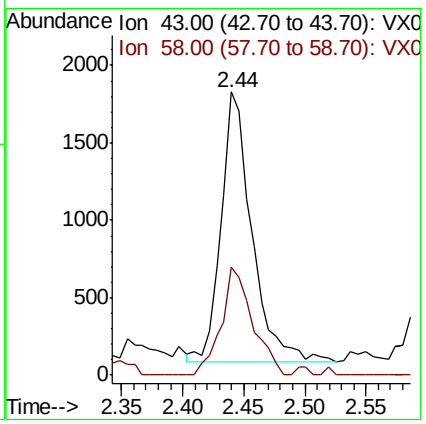


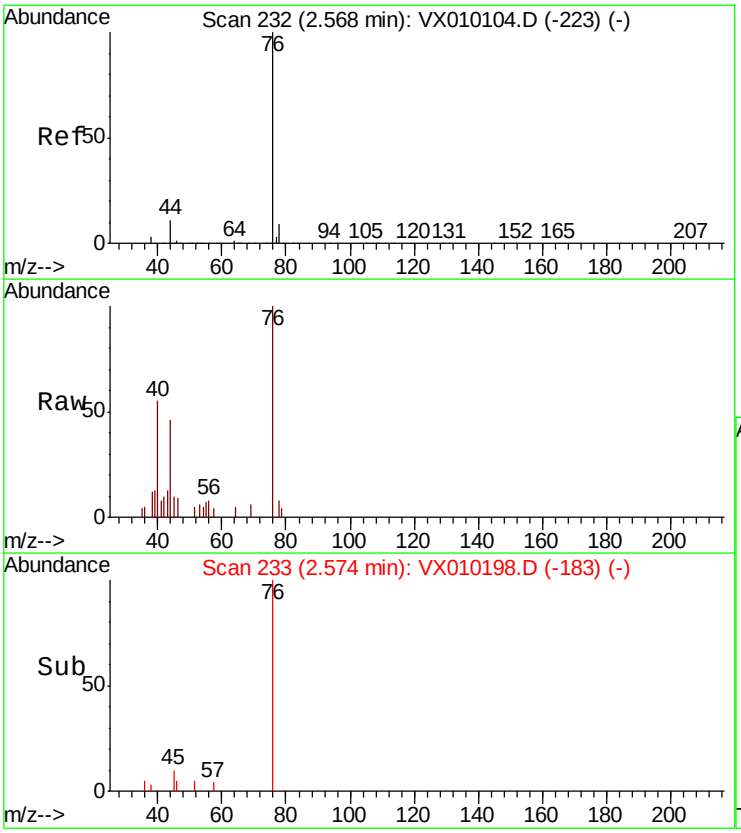
#16
Acetone
Concen: 2.494 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion: 43 Resp: 3041

Ion	Ratio	Lower	Upper
43	100		
58	39.9	23.2	34.8#

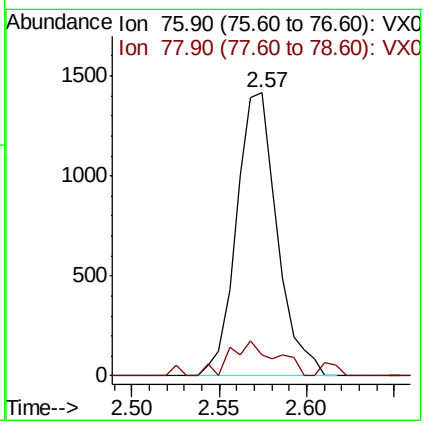


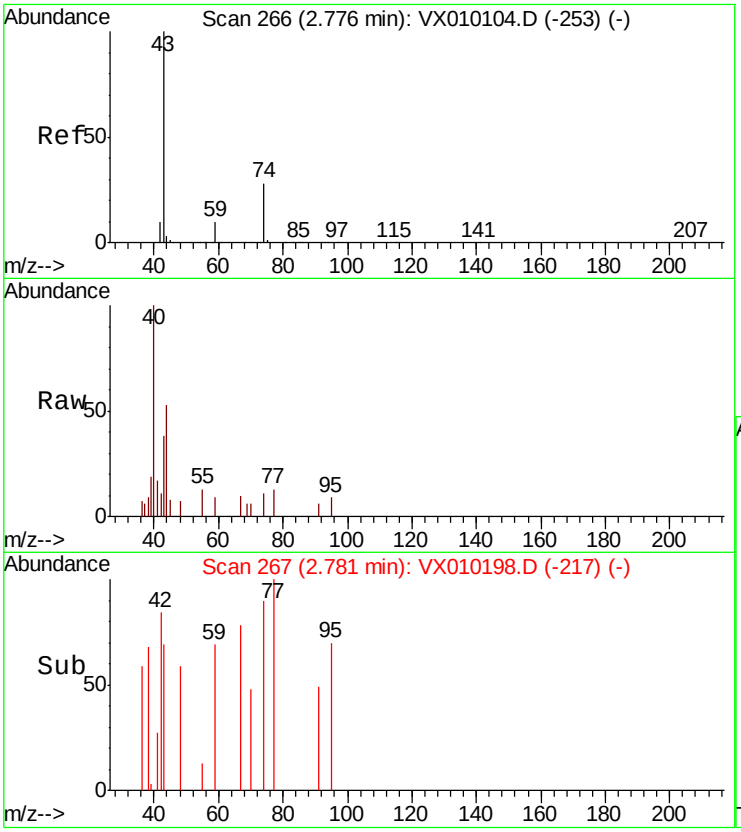


#17
Carbon Disulfide
Concen: 0.332 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion: 76 Resp: 2292

Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.0	10.6



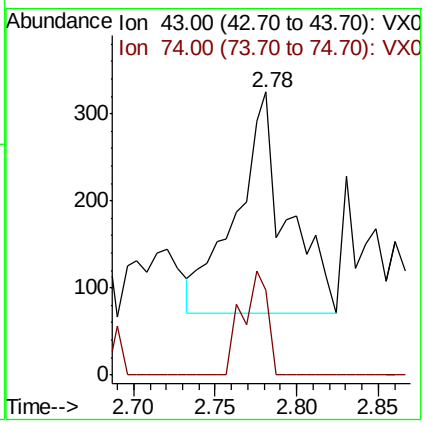


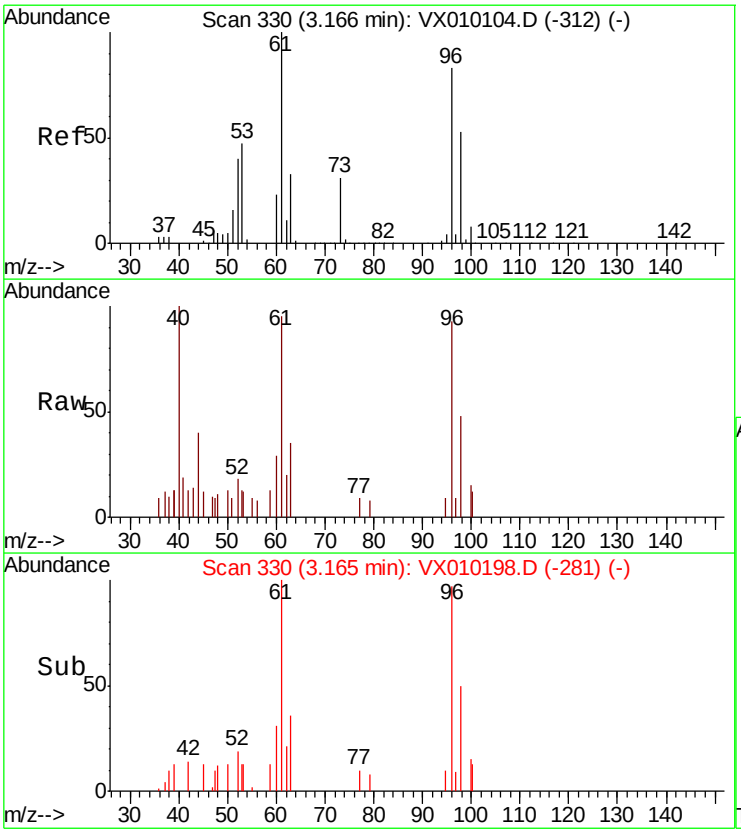
#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument : MSVOA_X
ClientSampleId : RE122D1-20190604

Tgt Ion: 43 Resp: 547

Ion	Ratio	Lower	Upper
43	100		
74	23.8	15.8	23.6#

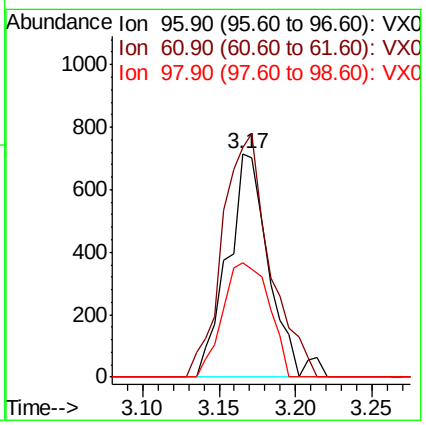


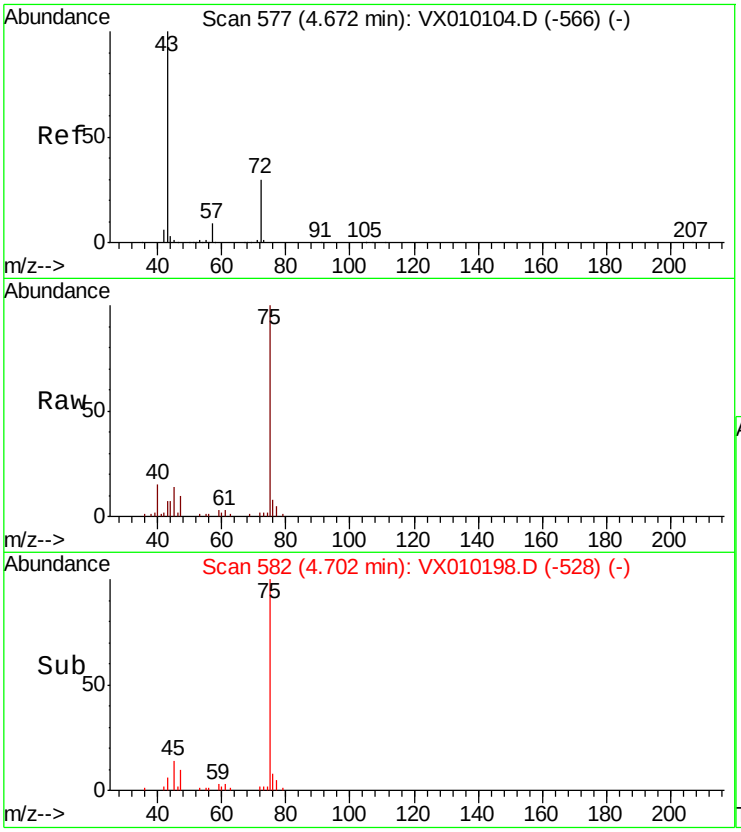


#21
trans-1,2-Dichloroethene
Concen: 0.510 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion: 96 Resp: 1347

Ion	Ratio	Lower	Upper
96	100		
61	102.7	125.7	188.5#
98	51.5	49.0	73.6



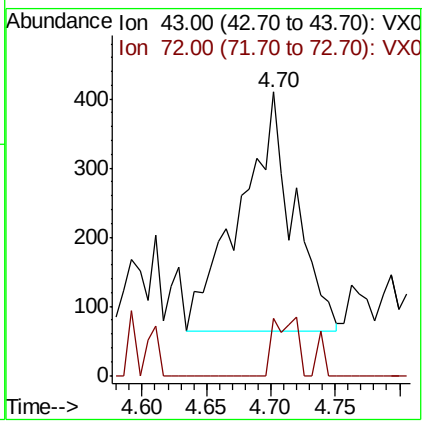


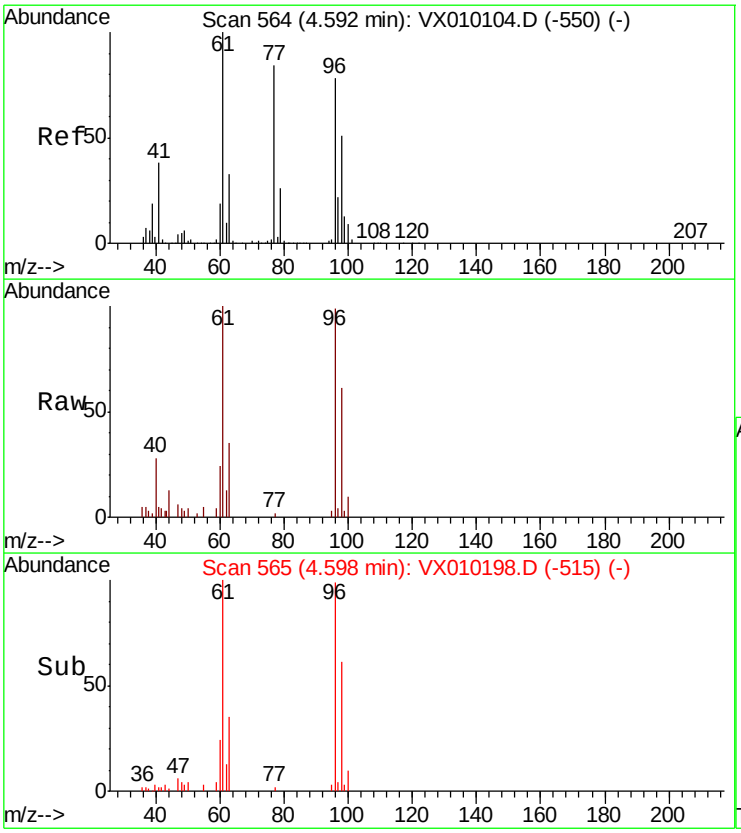
#25
2-Butanone
Concen: 0.551 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.03 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion: 43 Resp: 1000

Ion	Ratio	Lower	Upper
43	100		
72	24.0	17.5	26.3

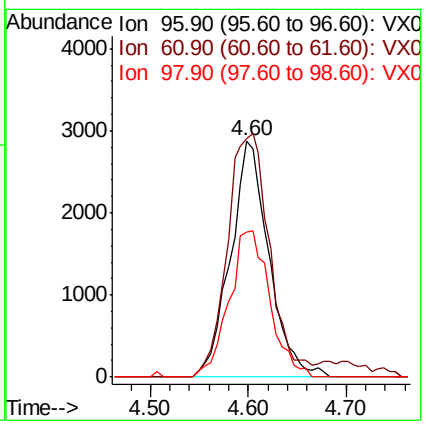


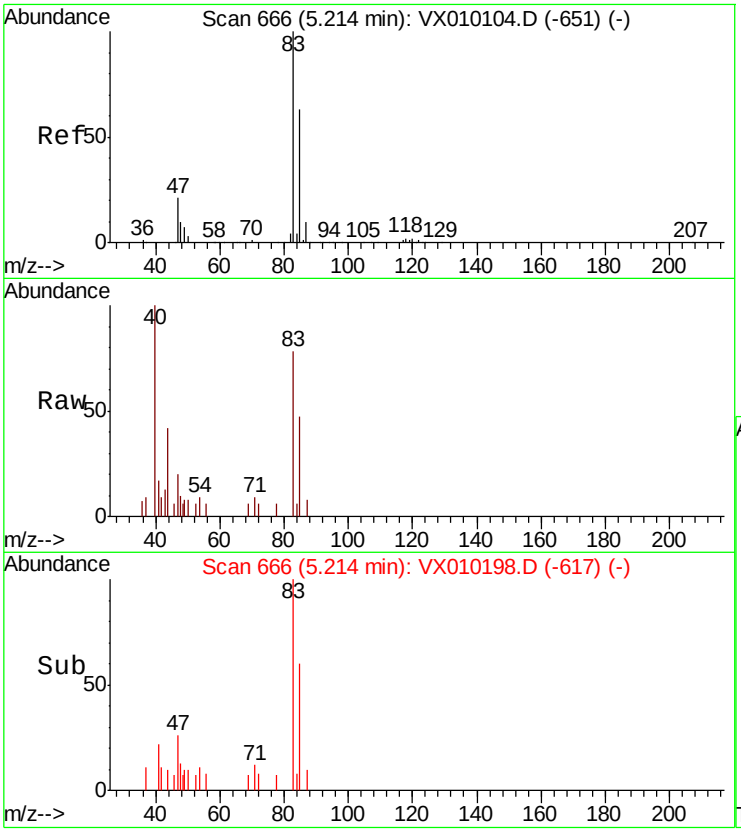


#27
cis-1,2-Dichloroethene
Concen: 2.672 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion: 96 Resp: 7847

Ion	Ratio	Lower	Upper
96	100		
61	113.2	0.0	334.0
98	65.4	0.0	131.6



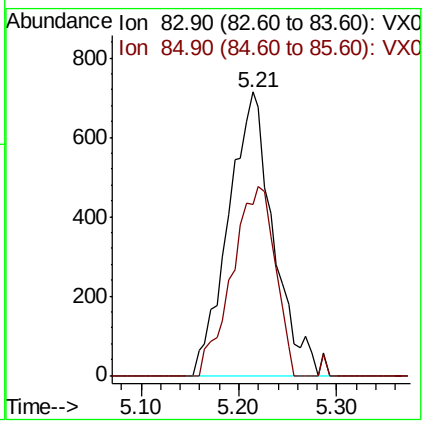


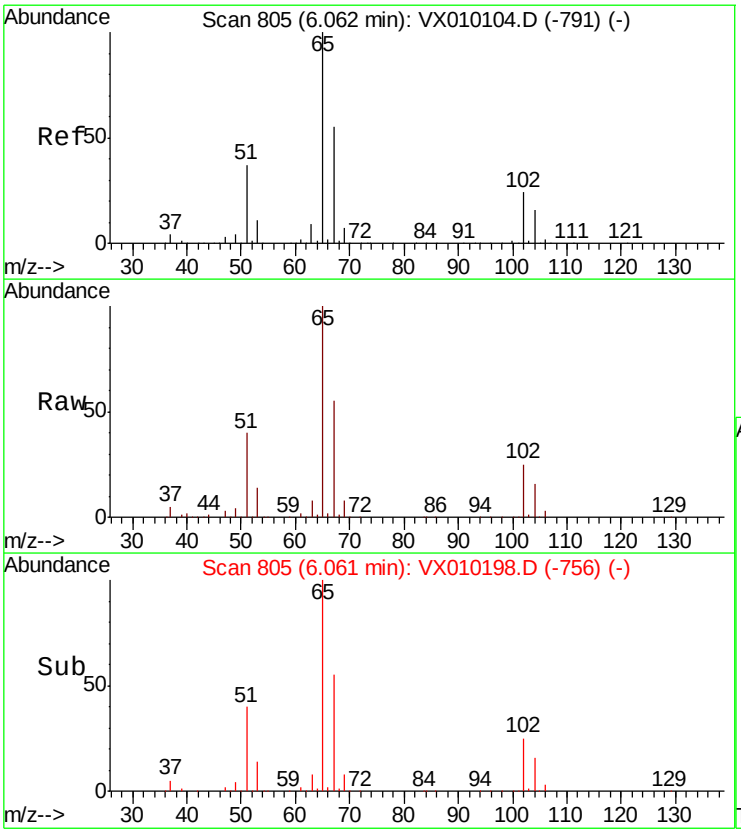
#30
Chloroform
Concen: 0.526 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion: 83 Resp: 2282

Ion	Ratio	Lower	Upper
83	100		
85	60.4	52.6	78.8

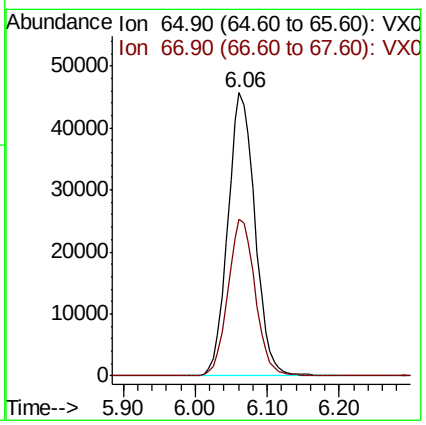


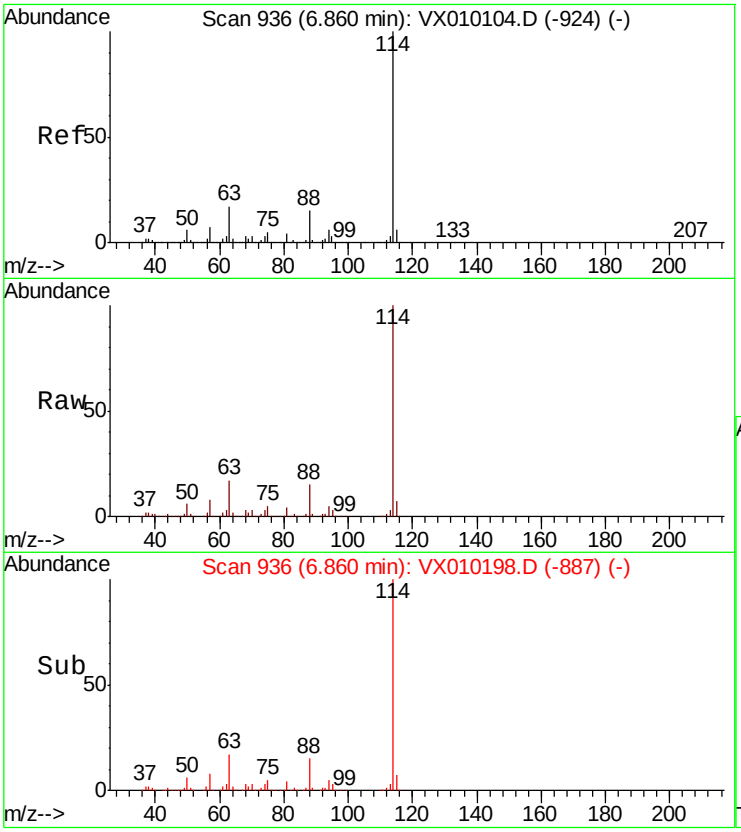


#33
1,2-Dichloroethane-d4
Concen: 46.210 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion: 65 Resp: 119807

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	108.4



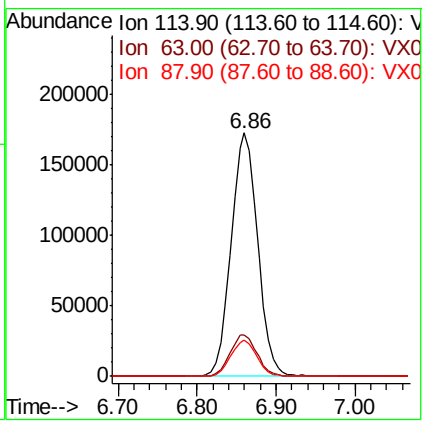


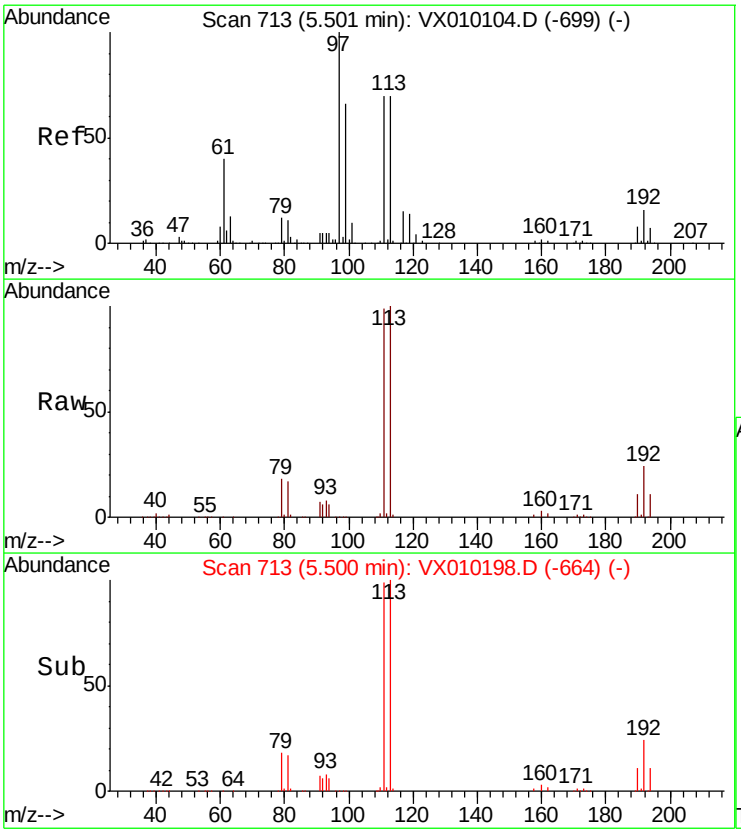
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion:114 Resp: 404793

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	47.4
88	15.0	0.0	33.0

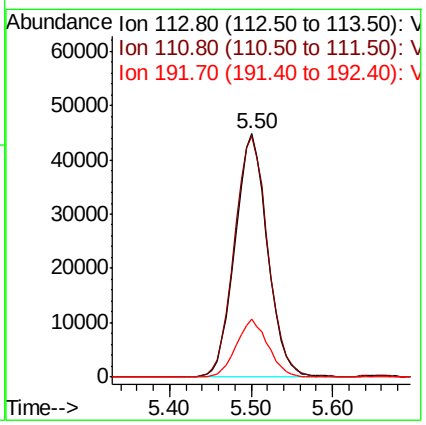


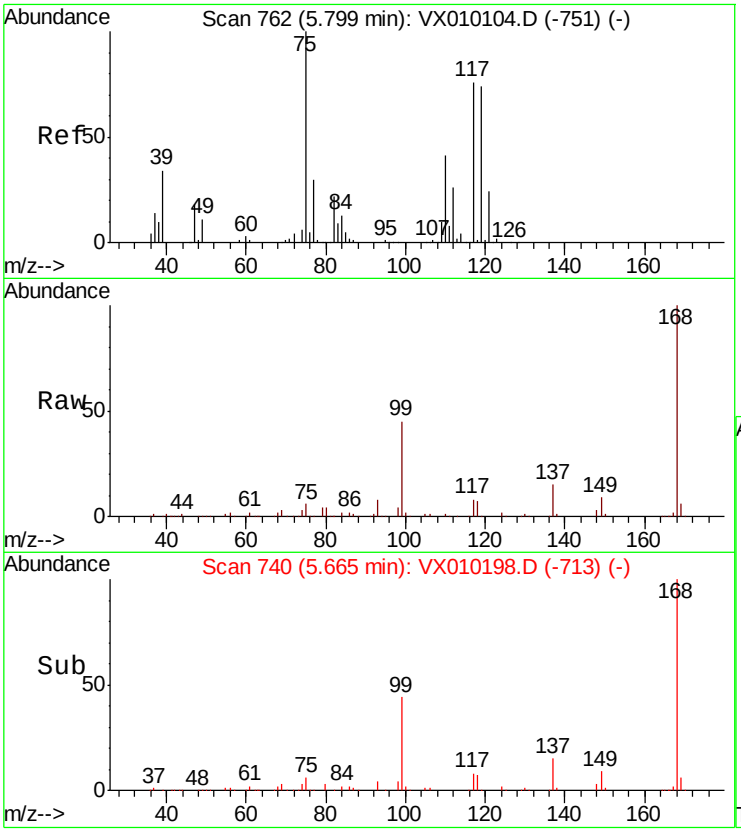


#35
Dibromofluoromethane
Concen: 49.497 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion:113 Resp: 123588

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	23.3	17.1	25.7



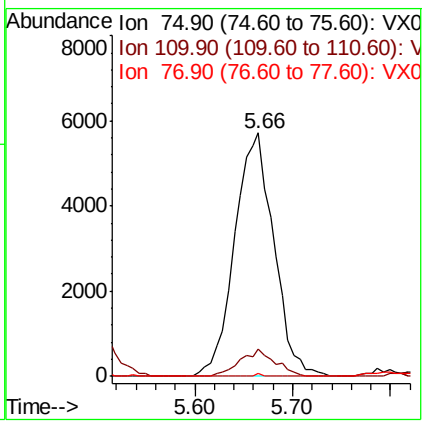


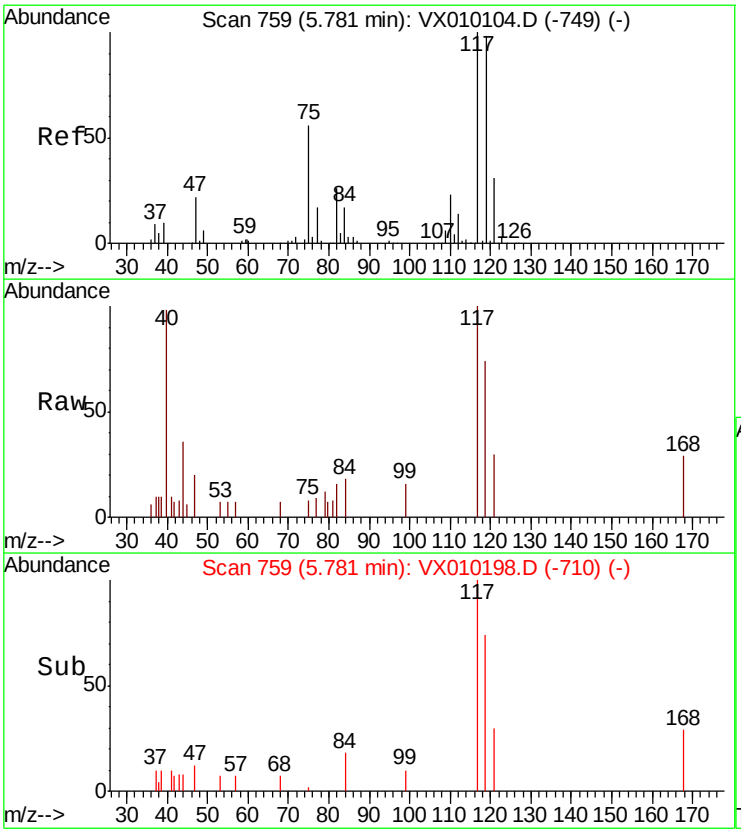
#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion: 75 Resp: 15886

Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.7	50.1#
77	0.1	25.0	37.4#

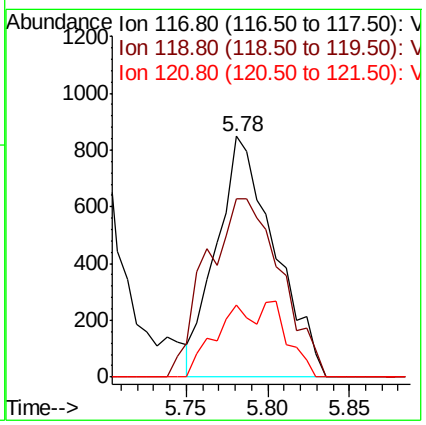


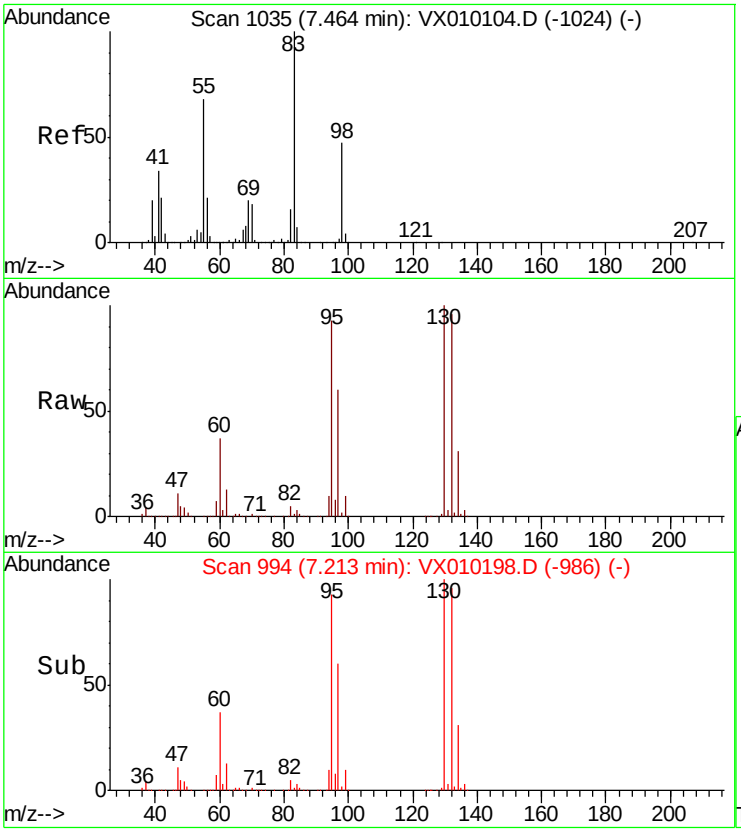


#38
Carbon Tetrachloride
Concen: 0.560 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion:117 Resp: 2093

Ion	Ratio	Lower	Upper
117	100		
119	73.8	77.3	115.9#
121	29.8	25.4	38.0



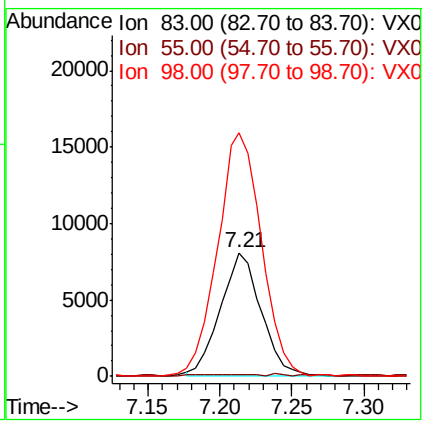


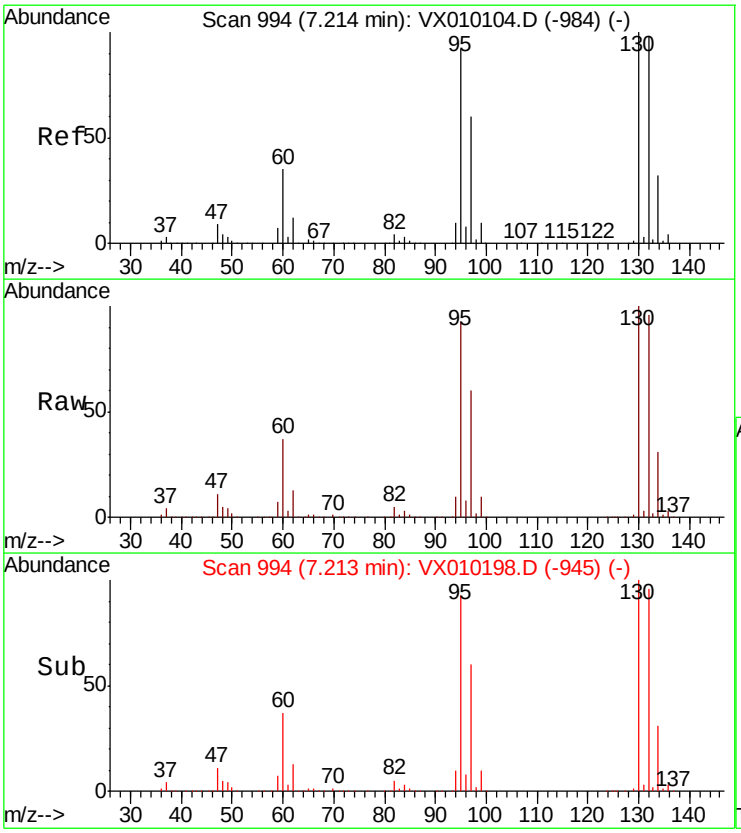
#39
Methylcyclohexane
Concen: 3.564 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion: 83 Resp: 16029

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.9	104.9#
98	195.8	35.1	52.7#

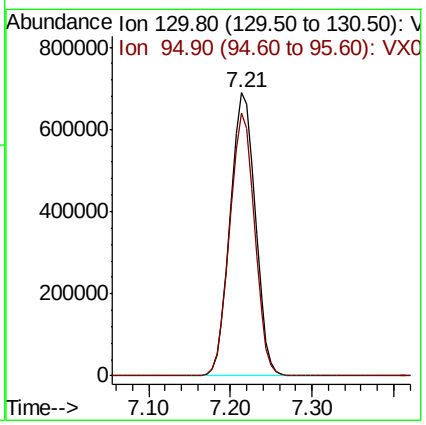


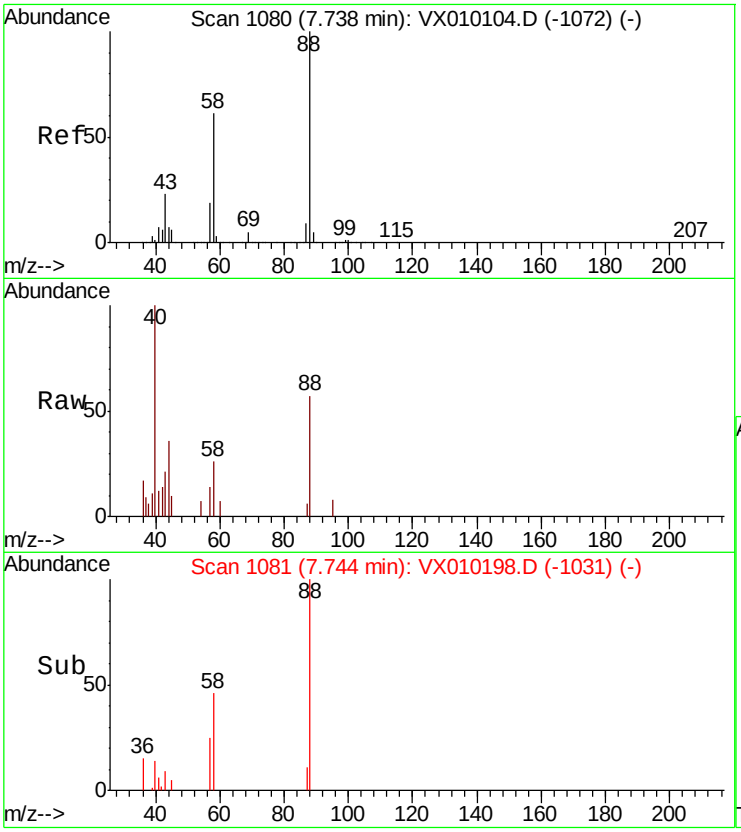


#44
Trichloroethene
Concen: 476.956 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion:130 Resp: 1468154

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	207.4



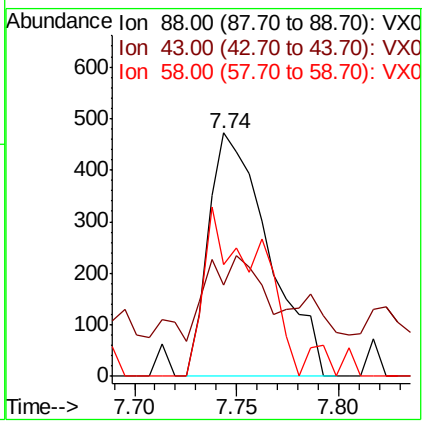


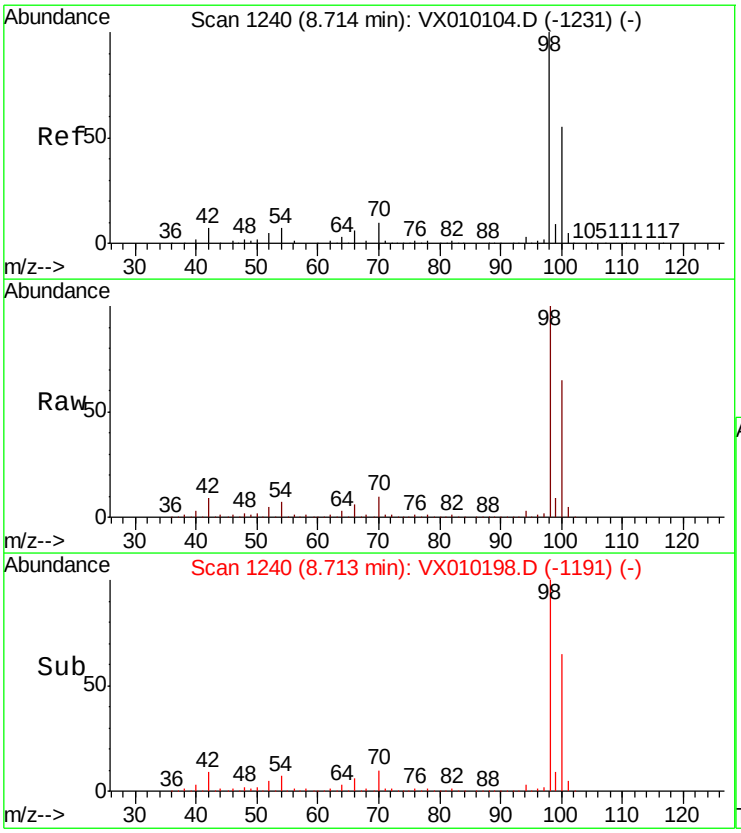
#49
1,4-Dioxane
Concen: 12.675 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion: 88 Resp: 971

Ion	Ratio	Lower	Upper
88	100		
43	32.9	30.2	45.4
58	62.4	64.0	96.0#

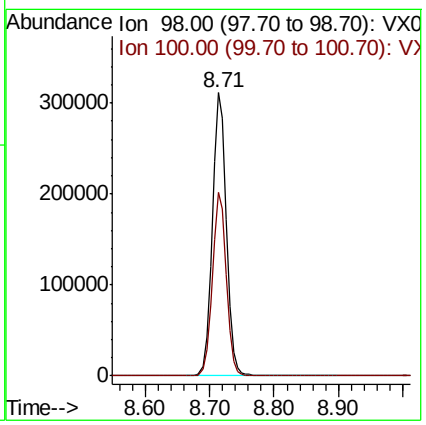


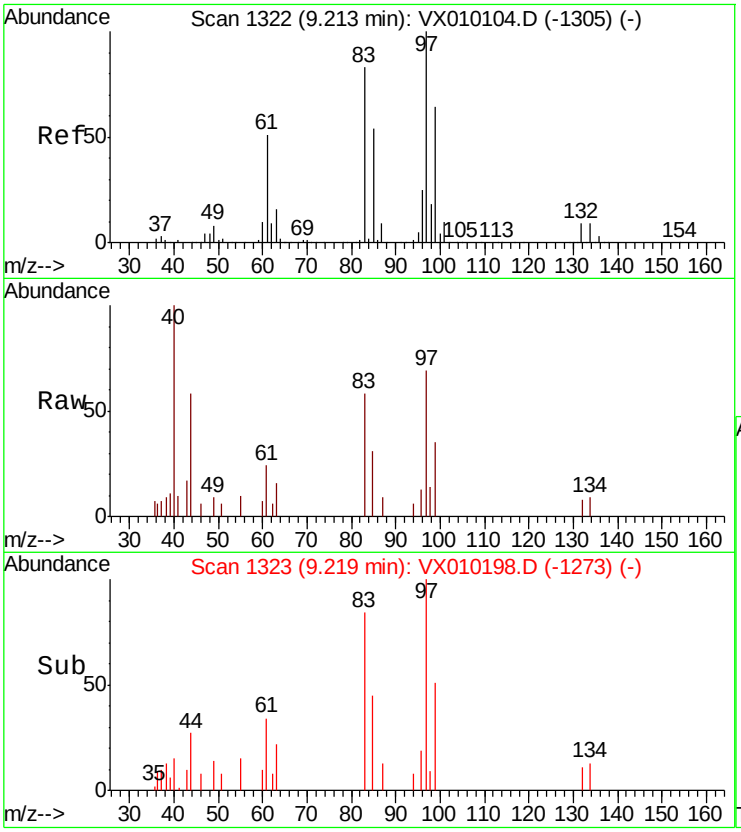


#50
Toluene-d8
Concen: 50.985 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion: 98 Resp: 477108

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3



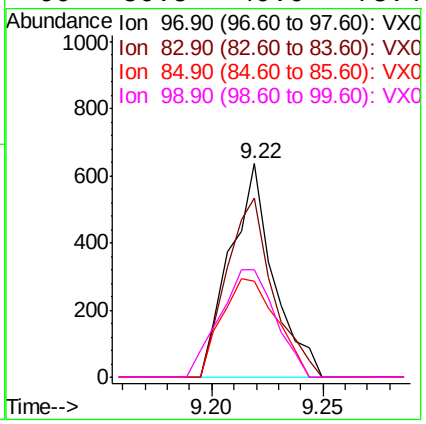


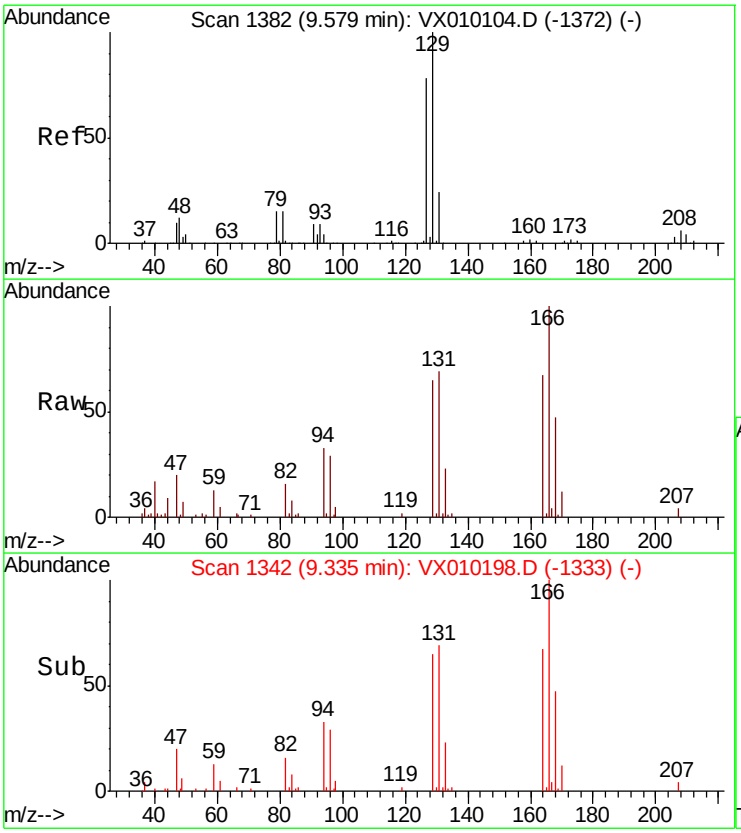
#55
1,1,2-Trichloroethane
Concen: 0.314 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion: 97 Resp: 864

Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.8	104.8
85	44.7	45.3	67.9#
99	50.5	49.0	73.4

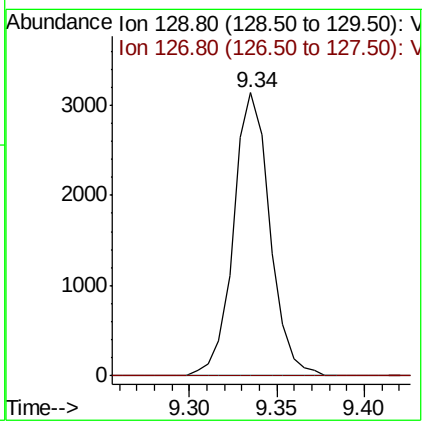


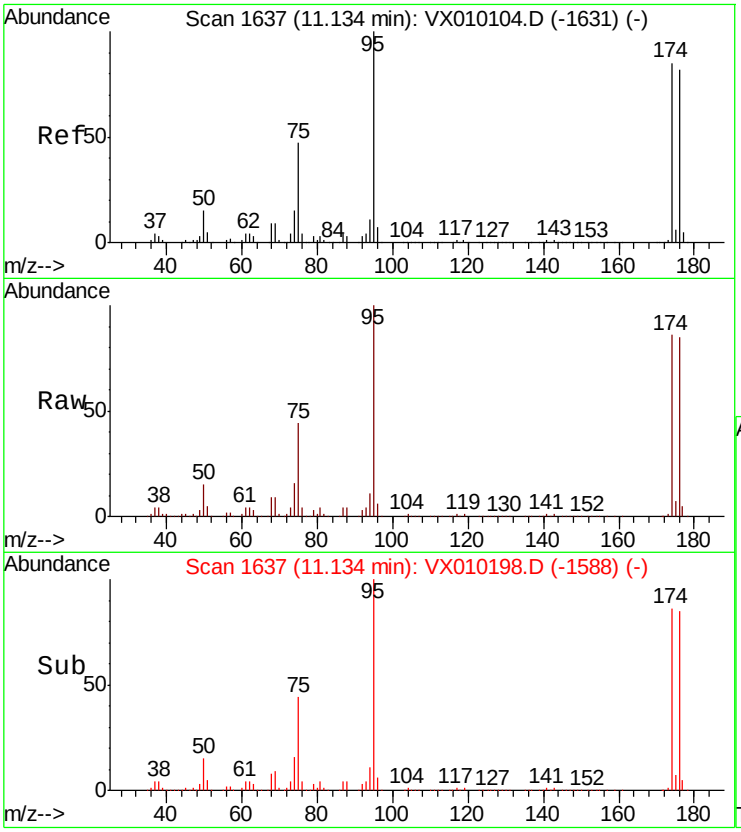


#60
Dibromochloromethane
Concen: 1.392 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion:129 Resp: 4528

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#



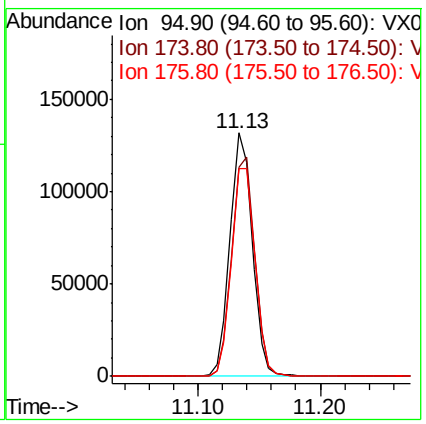


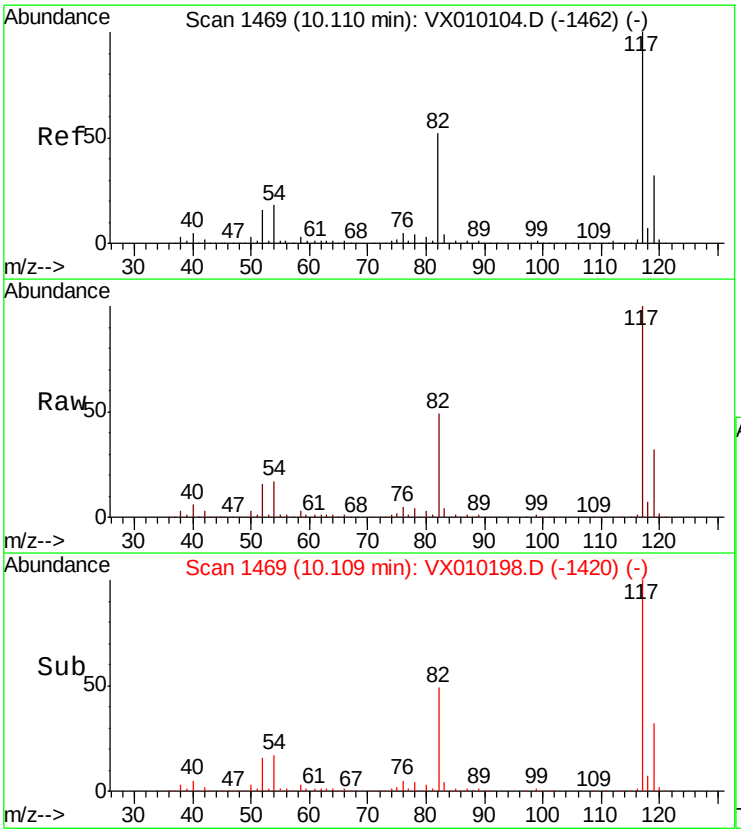
#62
4-Bromofluorobenzene
Concen: 47.314 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion: 95 Resp: 165352

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	160.4
176	90.3	0.0	154.6

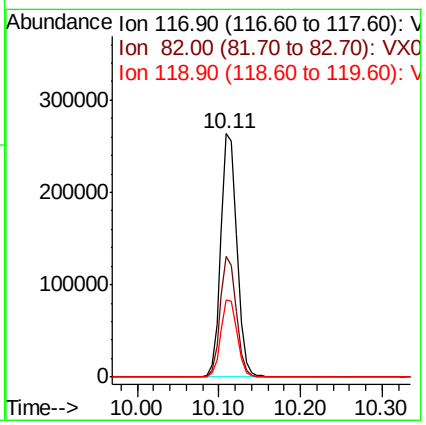


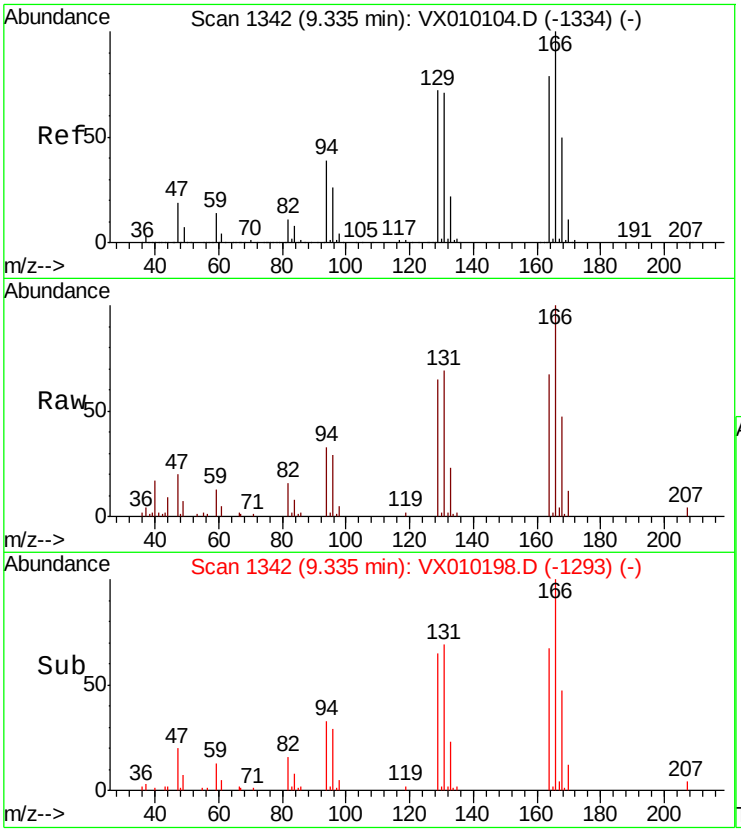


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion:117 Resp: 363088

Ion	Ratio	Lower	Upper
117	100		
82	49.5	49.2	73.8
119	31.5	25.2	37.8



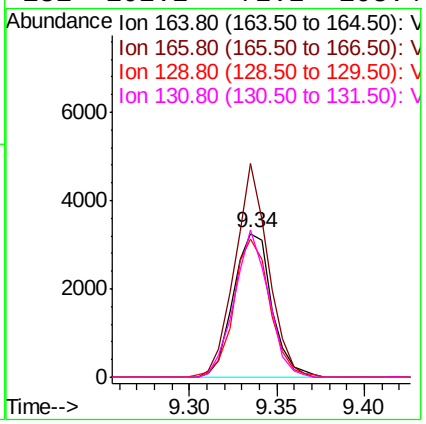


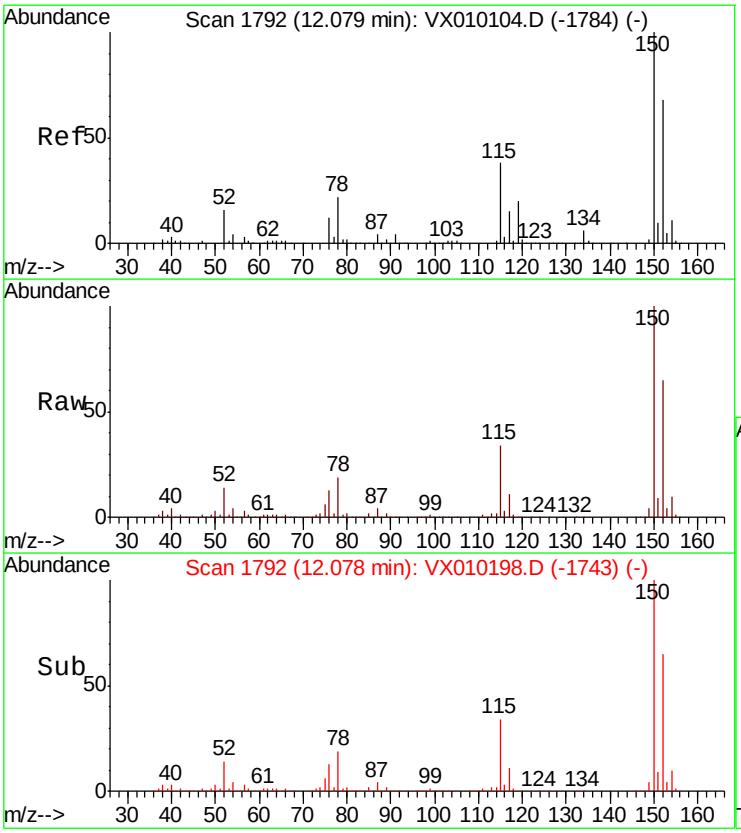
#64
Tetrachloroethene
Concen: 1.846 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion:164 Resp: 4977

Ion	Ratio	Lower	Upper
164	100		
166	148.7	105.0	157.4
129	96.5	75.1	112.7
131	102.2	72.2	108.4

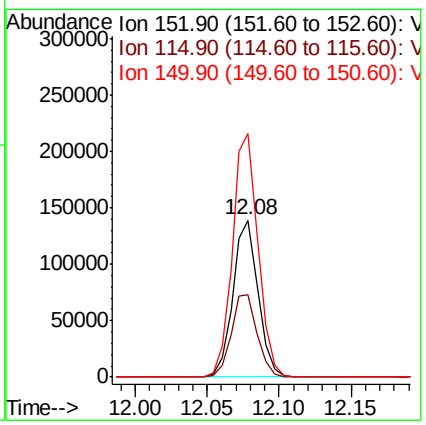


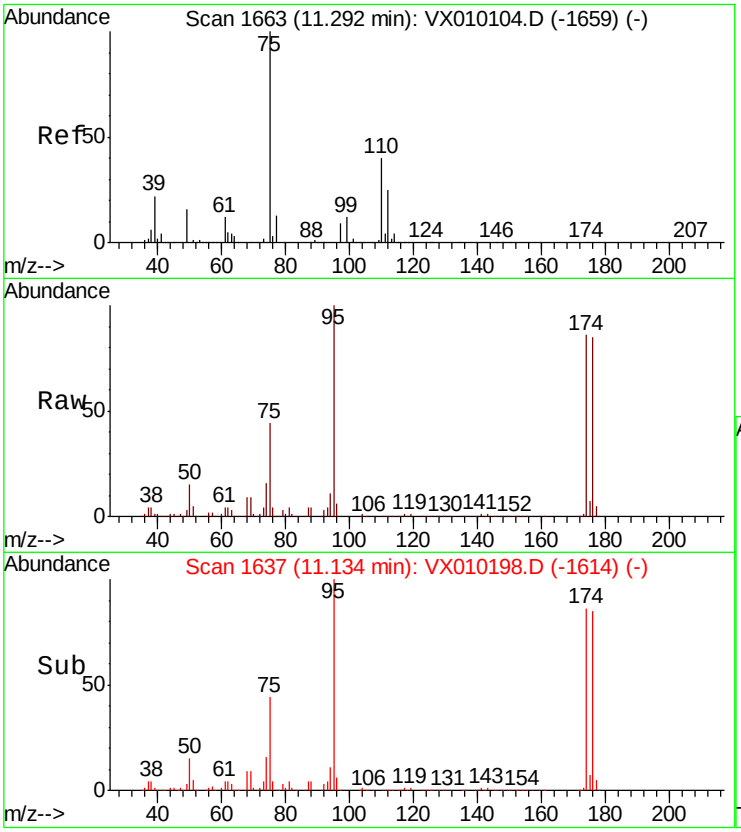


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion:152 Resp: 169882

Ion	Ratio	Lower	Upper
152	100		
115	54.4	41.4	124.2
150	158.0	0.0	345.2



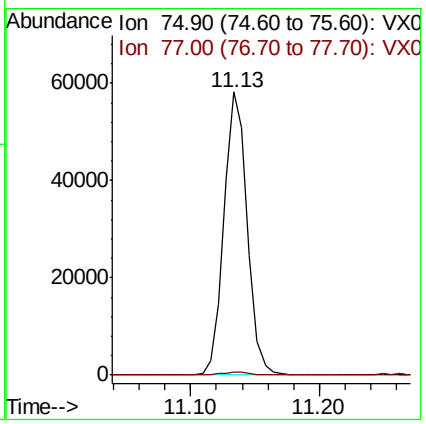


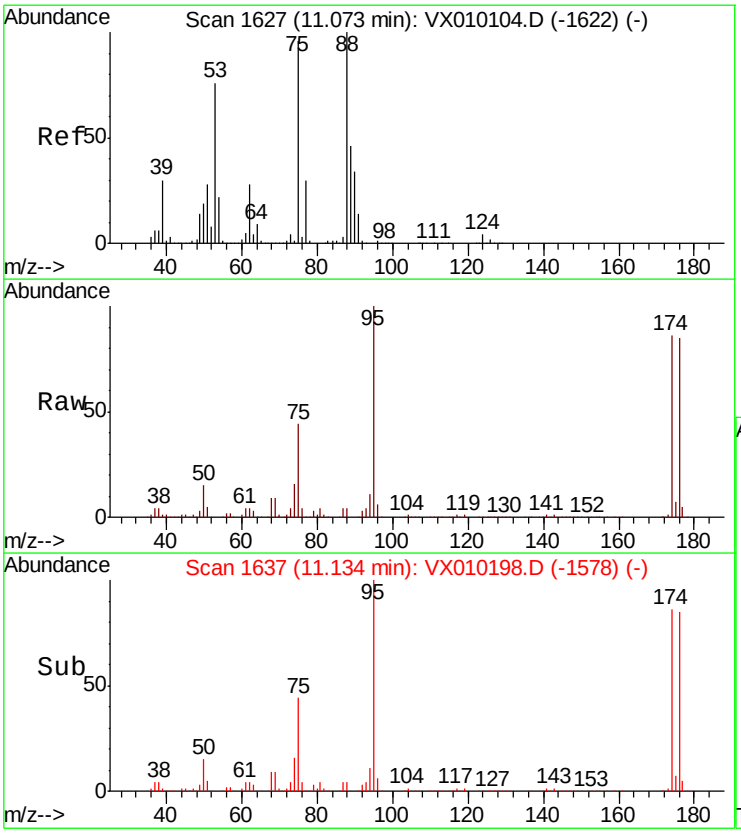
#76
1,2,3-Trichloropropane
Concen: 21.823 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion: 75 Resp: 74153

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.1	66.1#

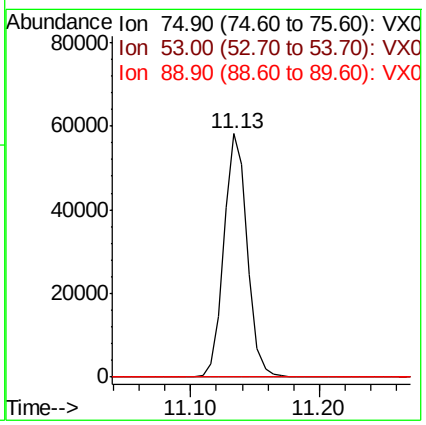


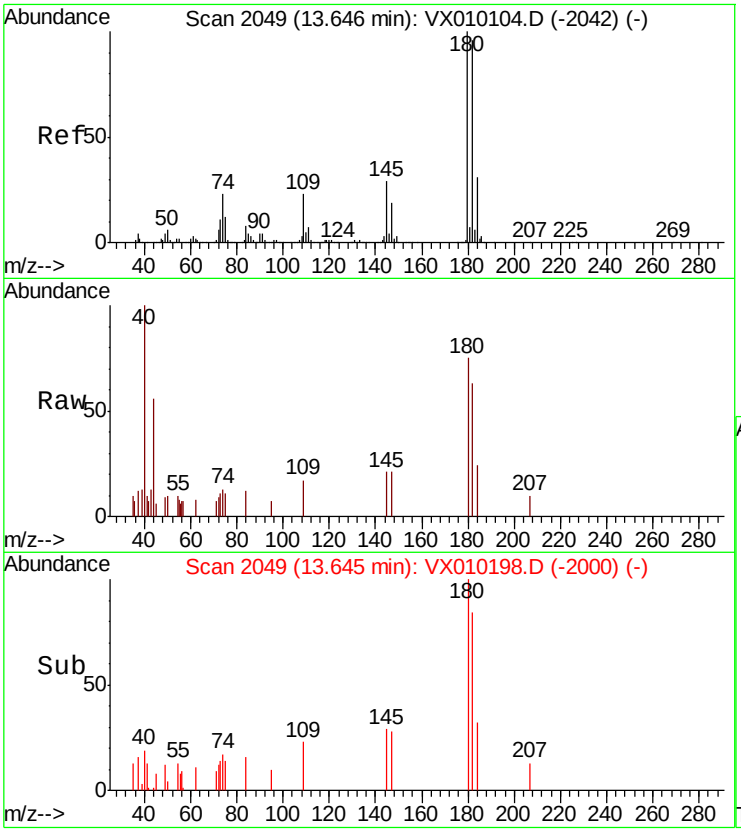


#81
trans-1,4-Dichloro-2-butene
Concen: 48.216 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion: 75 Resp: 74153

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





#93
1,2,4-Trichlorobenzene
Concen: 0.201 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tgt Ion:180 Resp: 822

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	28.3	14.5	43.5