Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008670.D
Acq On : 05 Apr 2019 05:19
Operator : JC/SP
Sample : K2274-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ST006MW148-190402

Quant Time: Apr 05 09:36:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	214869	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	355400	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	308452	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130508	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	144932	46.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.50%				
35) Dibromofluoromethane	5.50	113	108657	47.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.64%				
50) Toluene-d8	8.71	98	447207	49.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.86%				
62) 4-Bromofluorobenzene	11.13	95	149918	46.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.46%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	148662	44.463	ug/l		97
11) Tert butyl alcohol	3.03	59	2526	3.443	ug/l	#	72
16) Acetone	2.44	43	2164	1.199	ug/l		97
21) trans-1,2-Dichloroethene	3.17	96	2085	0.776	ug/l		90
24) 1,1-Dichloroethane	3.70	63	3738	0.689	ug/l	#	89
27) cis-1,2-Dichloroethene	4.60	96	154114	49.888	ug/l		89
31) Cyclohexane	5.57	56	19097	3.527	ug/l		95
32) 1,1,1-Trichloroethane	5.49	97	3029	0.773	ug/l	#	46
39) Methylcyclohexane	7.46	83	46719	9.735	ug/l	#	75
40) Benzene	6.15	78	10540	0.911	ug/l		96
44) Trichloroethene	7.22	130	4238	1.572	ug/l		87
64) Tetrachloroethene	9.34	164	4769	2.087	ug/l		95
65) Chlorobenzene	10.13	112	5758	0.842	ug/l		96
67) Ethyl Benzene	10.25	91	6890	0.540	ug/l		100
68) m/p-Xylenes	10.36	106	1971	0.430	ug/l		82
73) Isopropylbenzene	11.02	105	4825	0.446	ug/l		99
83) tert-Butylbenzene	11.77	119	13255	1.518	ug/l		91
85) sec-Butylbenzene	11.94	105	25172	2.426	ug/l		96
89) n-Butylbenzene	12.38	91	5290	0.606	ug/l	#	58
91) 1,2-Dichlorobenzene	12.39	146	1364	0.295	ug/l		85

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

Quantitation Report (QT Reviewed)

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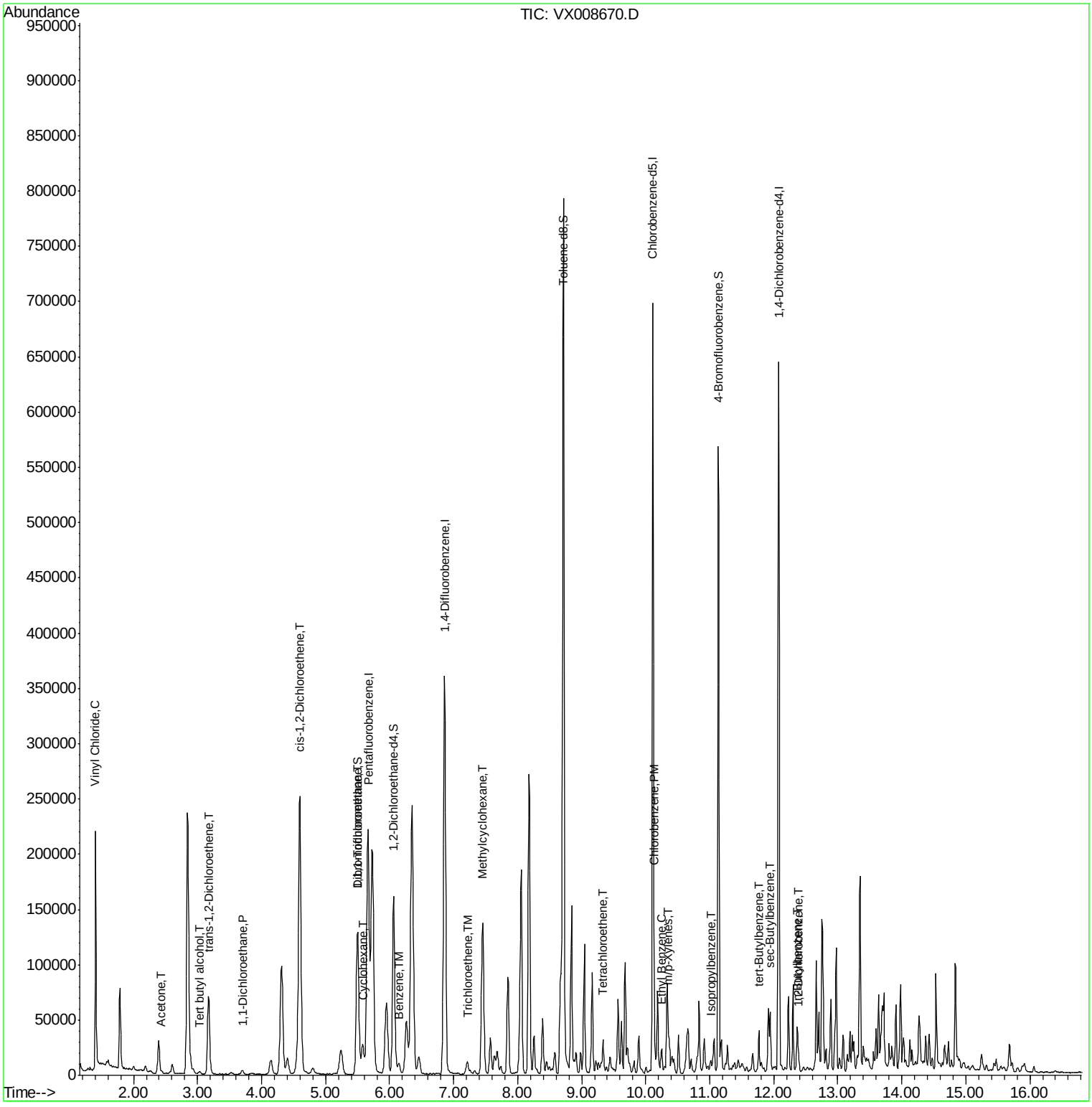
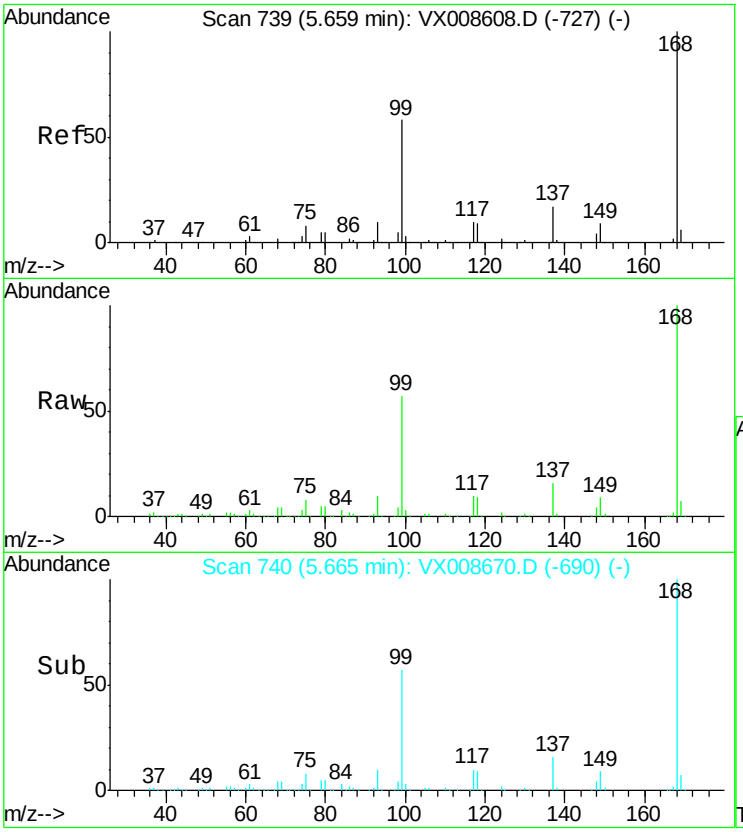


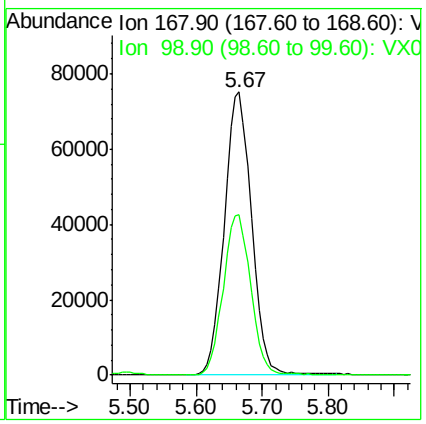


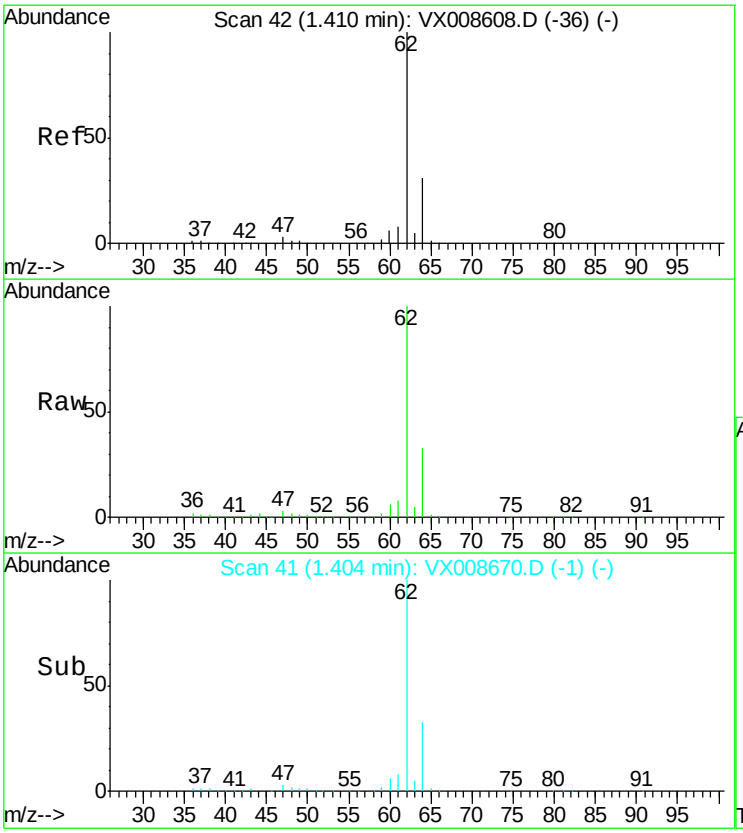
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion:168 Resp: 214869

Ion	Ratio	Lower	Upper
168	100		
99	56.6	46.7	70.1

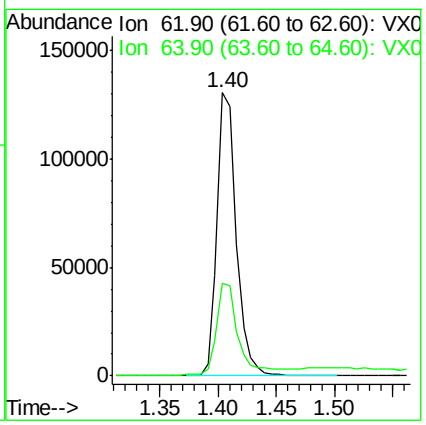


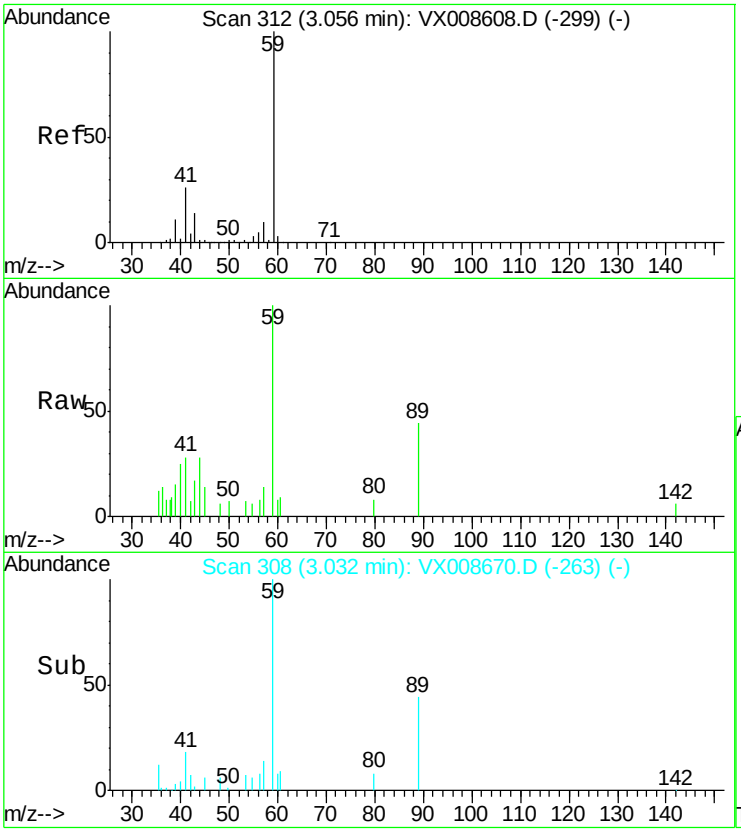


#4
Vinyl Chloride
Concen: 44.463 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion: 62 Resp: 148662

Ion	Ratio	Lower	Upper
62	100		
64	32.4	24.7	37.1



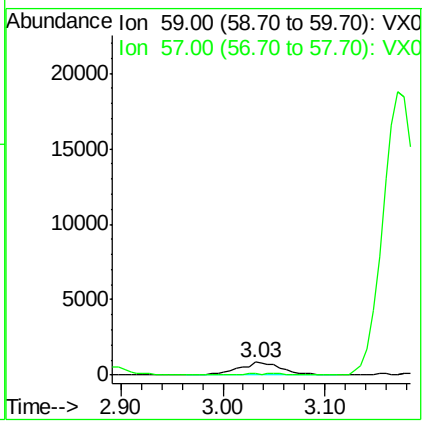


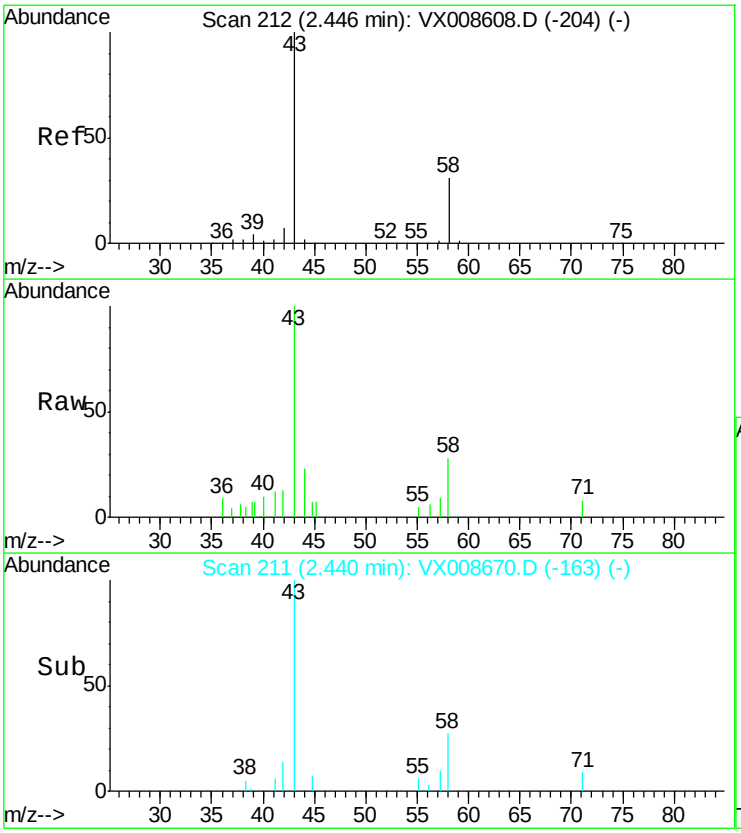
#11
Tert butyl alcohol
Concen: 3.443 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion: 59 Resp: 2526

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

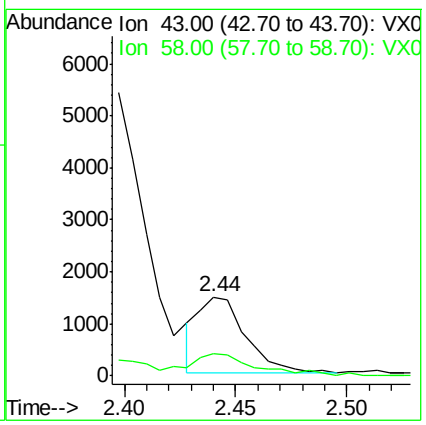


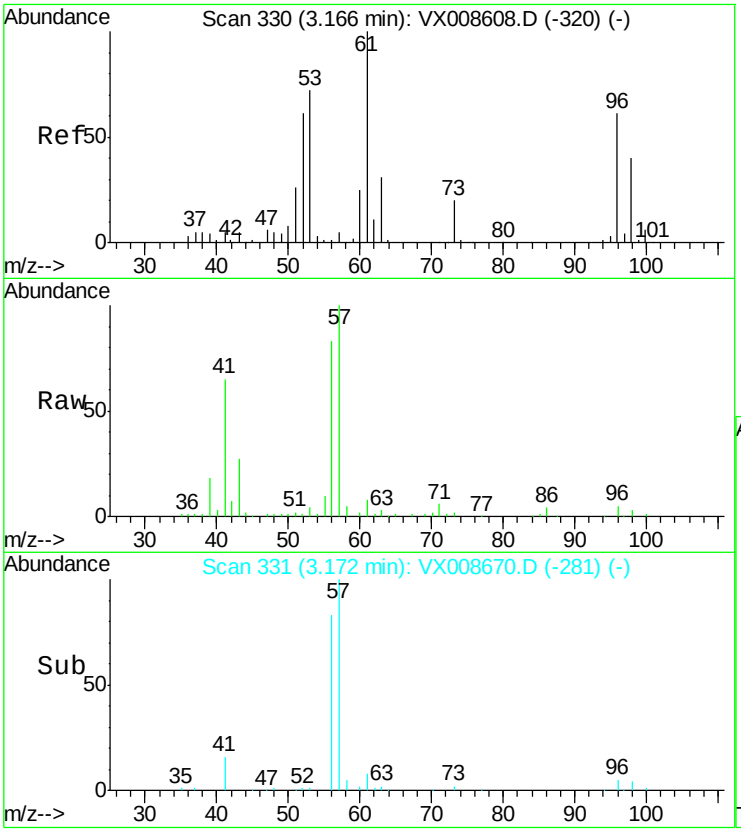


#16
Acetone
Concen: 1.199 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion: 43 Resp: 2164

Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.8	37.2



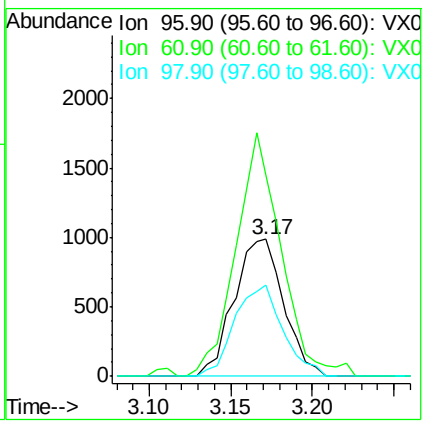


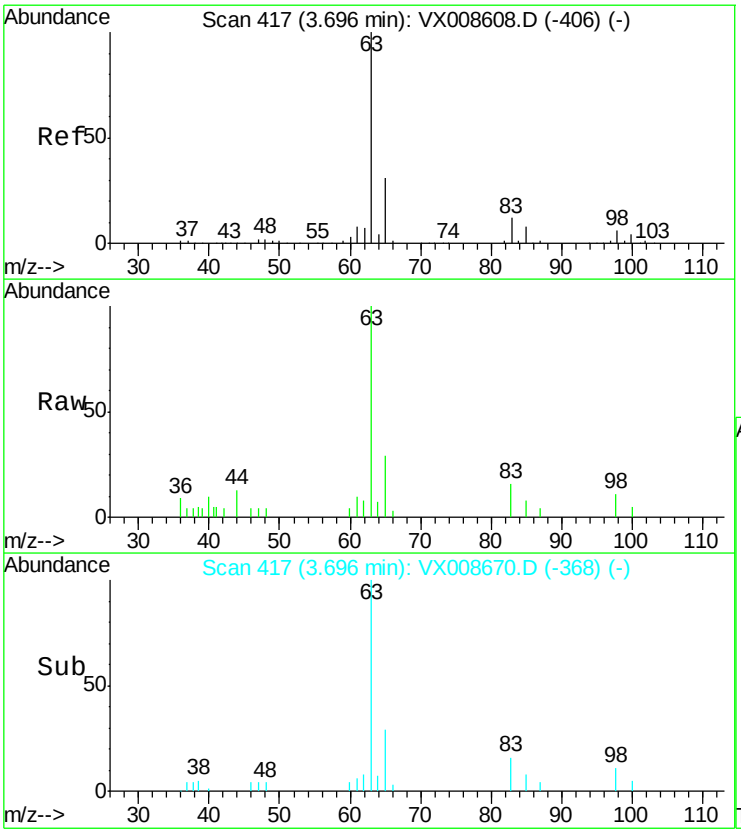
#21
trans-1,2-Dichloroethene
Concen: 0.776 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion: 96 Resp: 2085

Ion	Ratio	Lower	Upper
96	100		
61	146.6	132.1	198.1
98	66.2	52.2	78.2

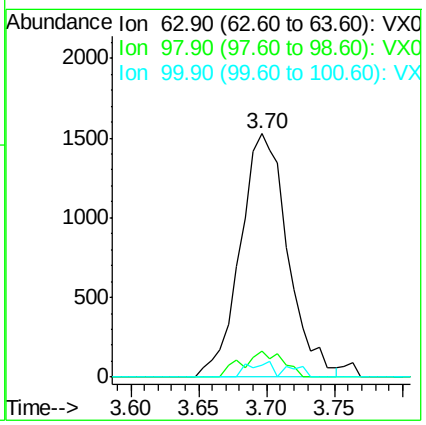


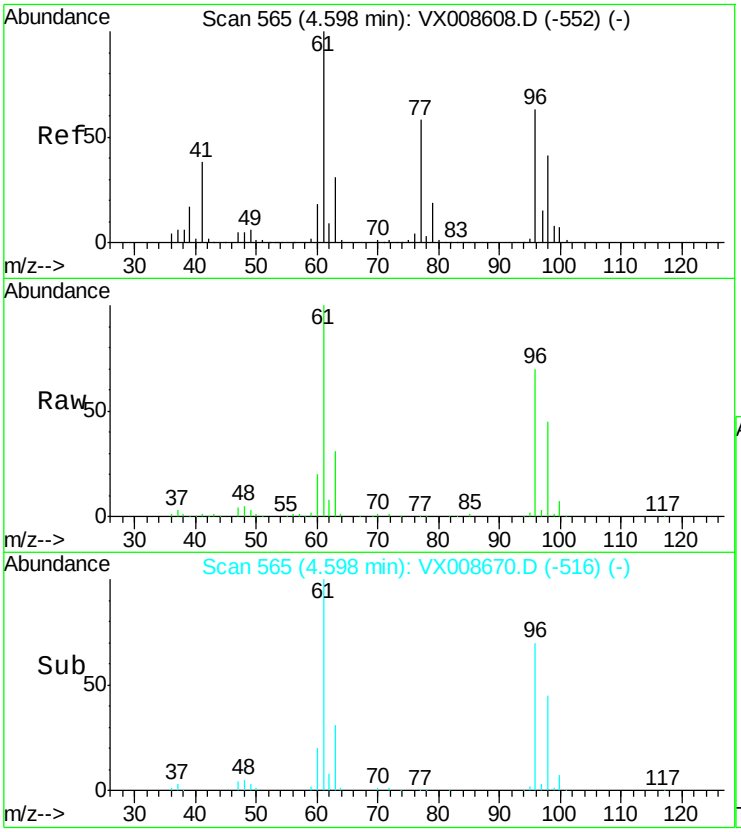


#24
1,1-Dichloroethane
Concen: 0.689 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion: 63 Resp: 3738

Ion	Ratio	Lower	Upper
63	100		
98	10.7	2.8	8.4#
100	4.9	1.8	5.5



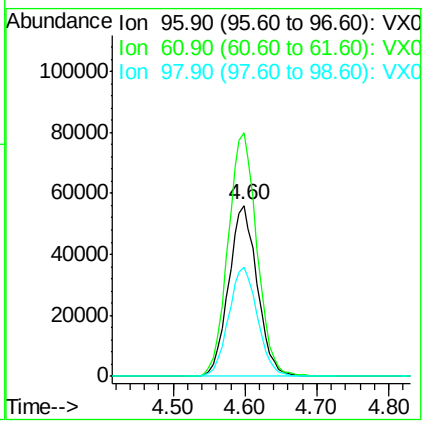


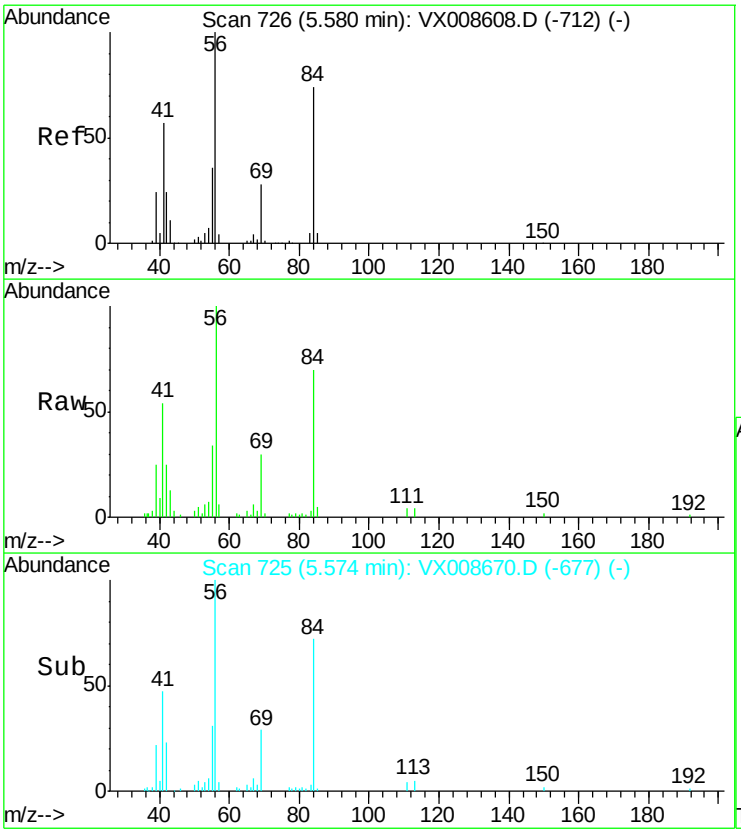
#27
cis-1,2-Dichloroethene
Concen: 49.888 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion: 96 Resp: 154114

Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	327.6
98	64.4	0.0	128.6

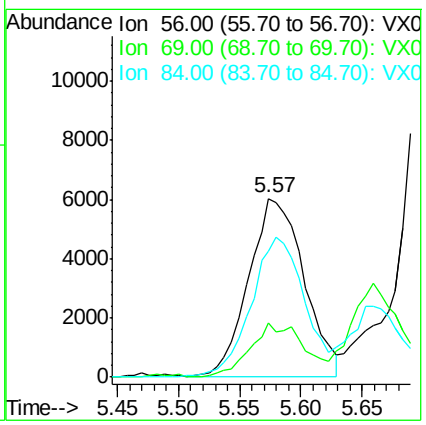


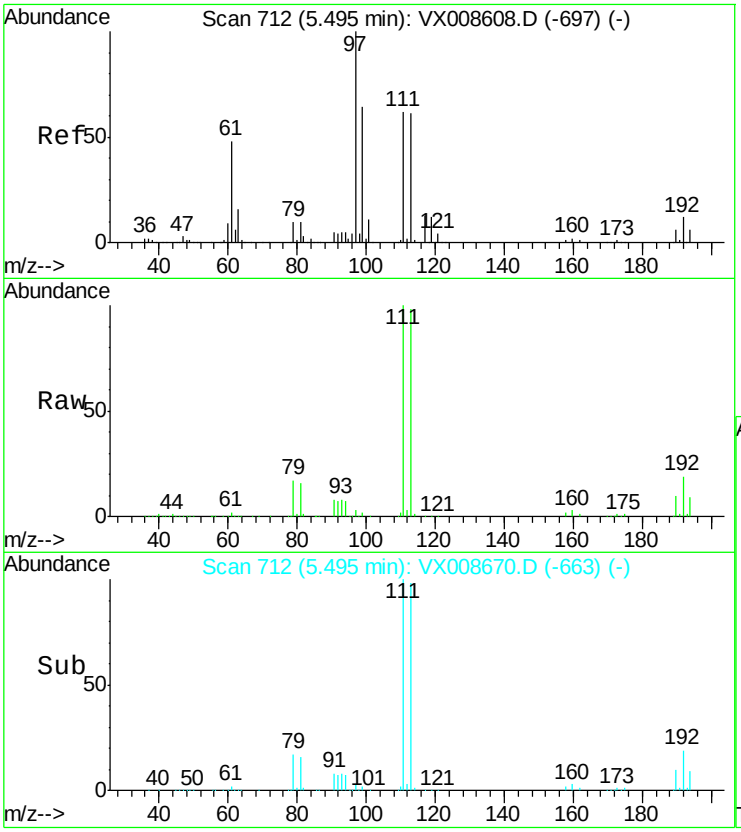


#31
Cyclohexane
Concen: 3.527 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion: 56 Resp: 19097

Ion	Ratio	Lower	Upper
56	100		
69	30.4	22.6	33.8
84	69.4	59.3	88.9



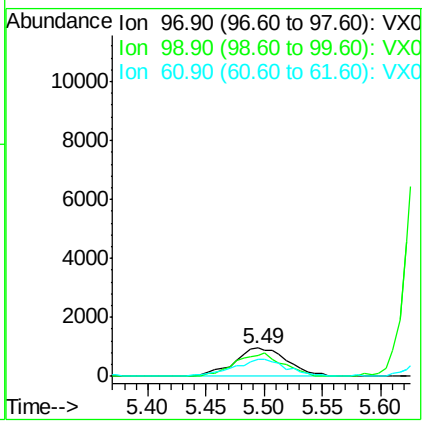


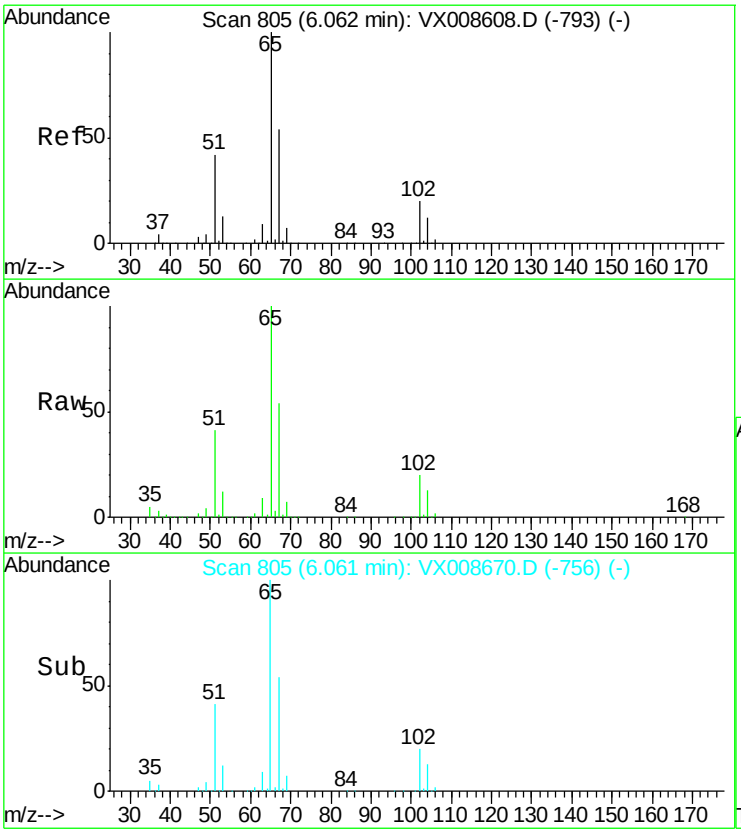
#32
1,1,1-Trichloroethane
Concen: 0.773 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion: 97 Resp: 3029

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	61.0	38.9	58.3#

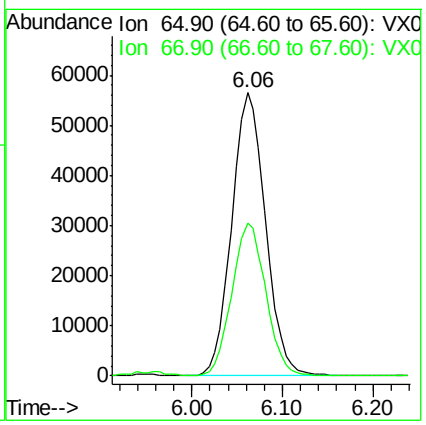


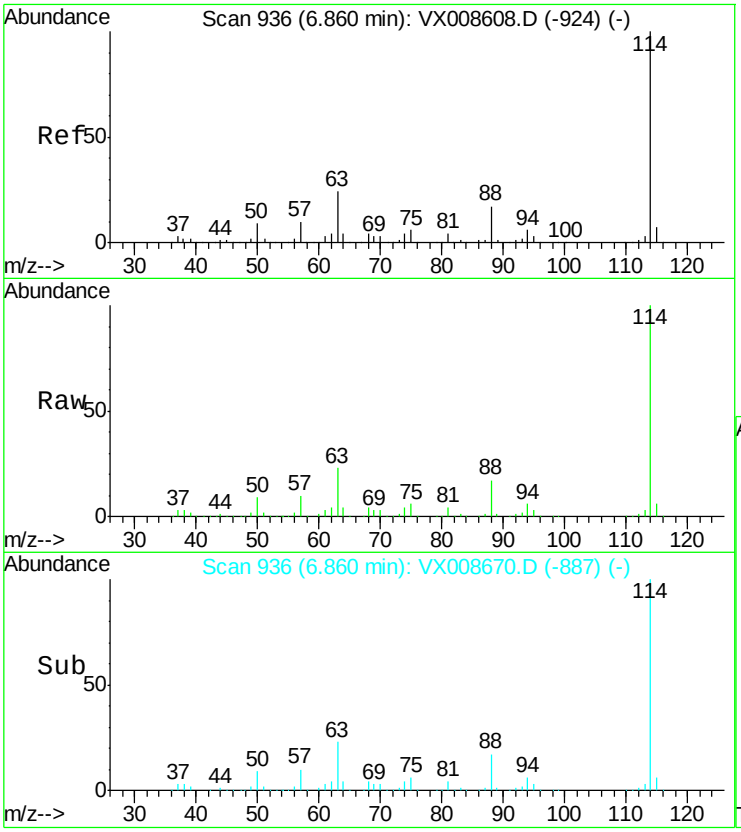


#33
1,2-Dichloroethane-d4
Concen: 46.245 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion: 65 Resp: 144932

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.2



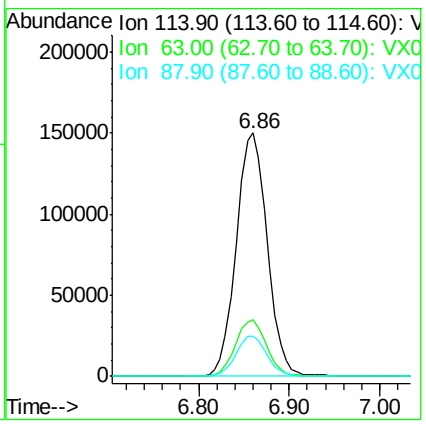


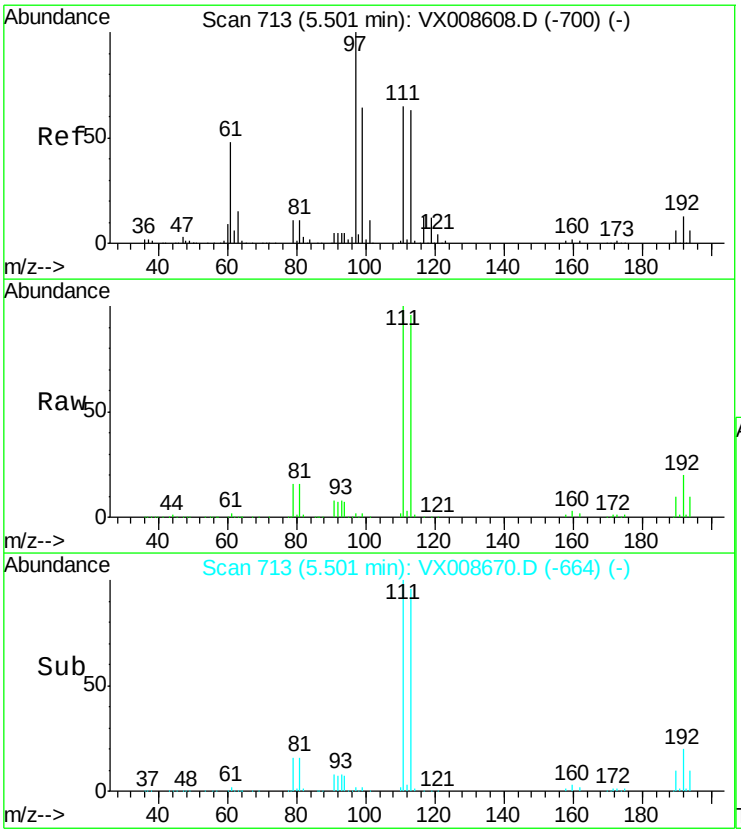
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion:114 Resp: 355400

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	47.2
88	16.7	0.0	34.0

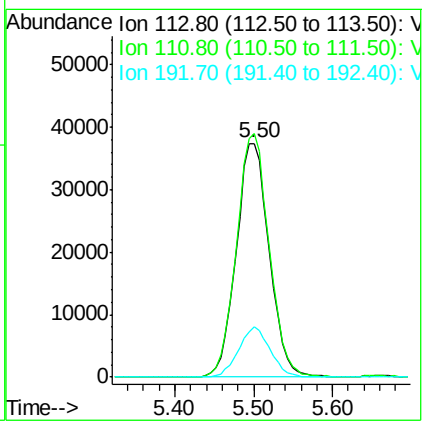


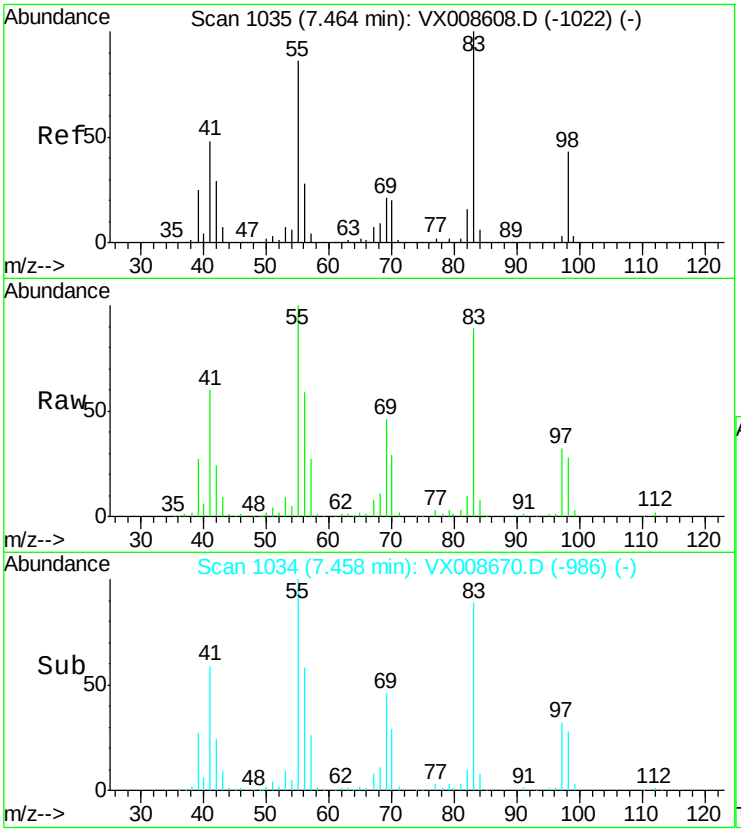


#35
Dibromofluoromethane
Concen: 47.818 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion:113 Resp: 108657

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	20.6	16.1	24.1



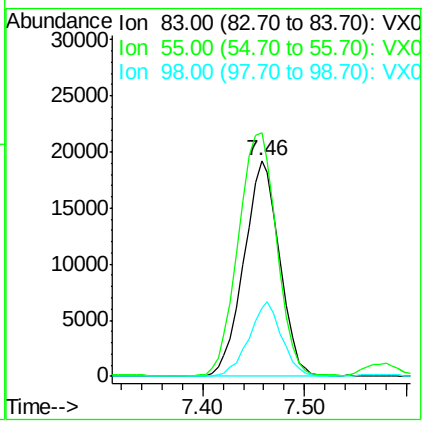


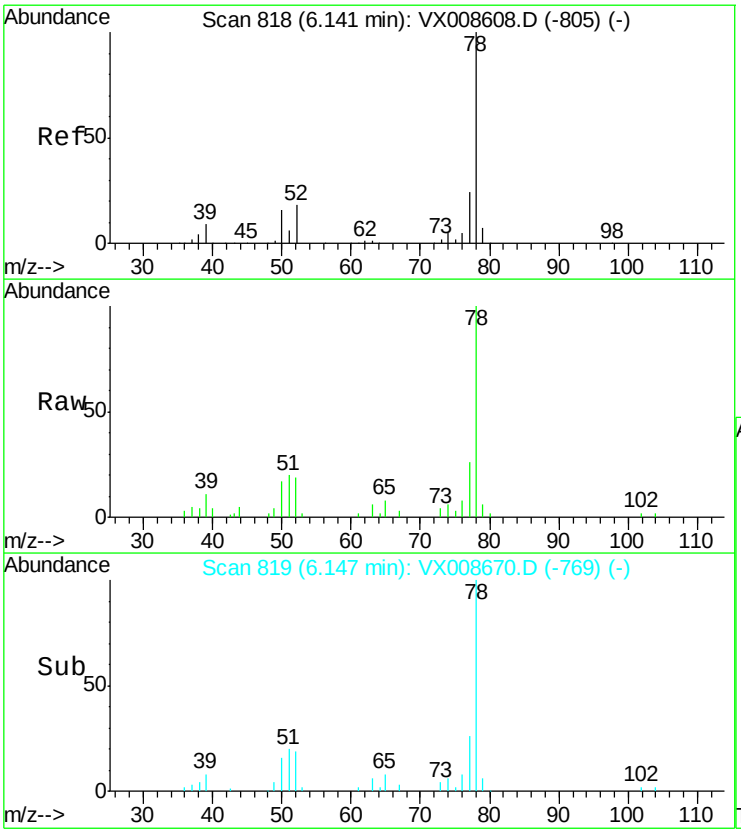
#39
Methylcyclohexane
Concen: 9.735 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion: 83 Resp: 46719

Ion	Ratio	Lower	Upper
83	100		
55	112.7	69.0	103.6#
98	31.9	34.4	51.6#

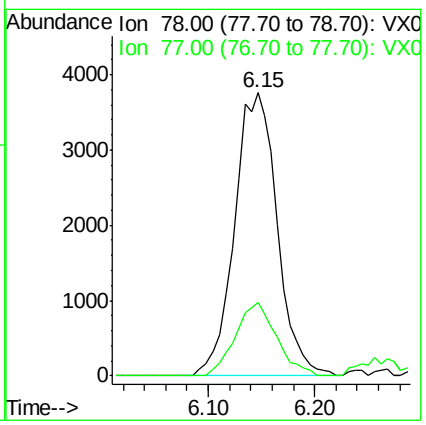


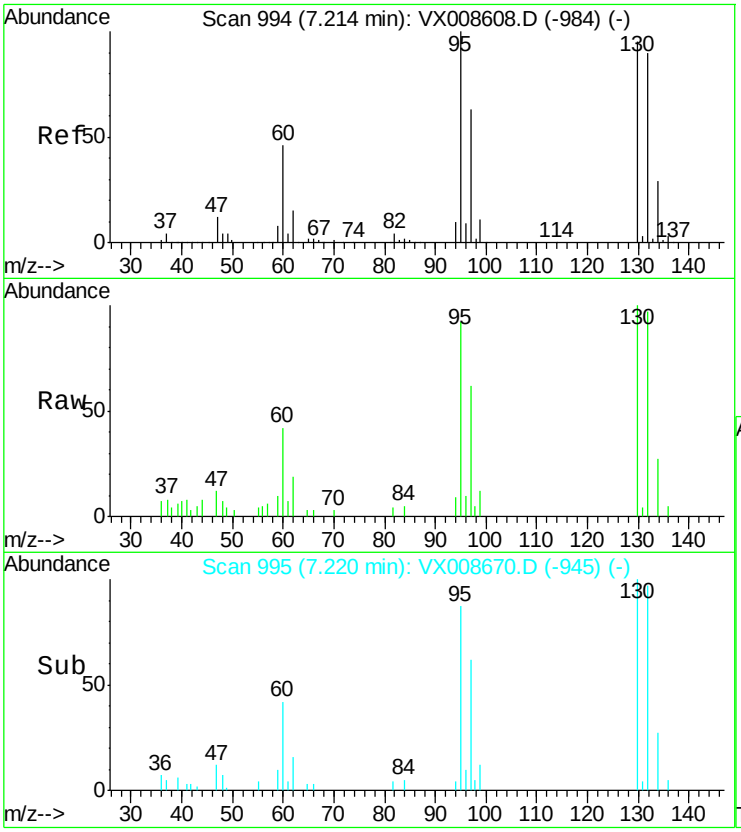


#40
Benzene
Concen: 0.911 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion: 78 Resp: 10540

Ion	Ratio	Lower	Upper
78	100		
77	25.9	19.1	28.7



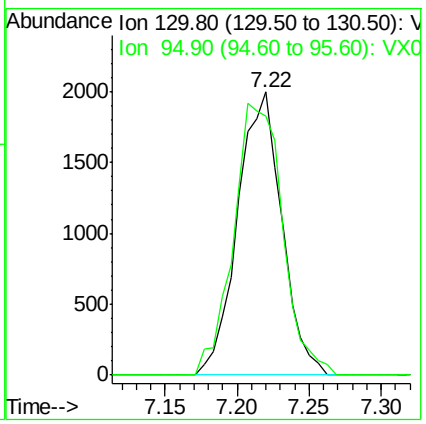


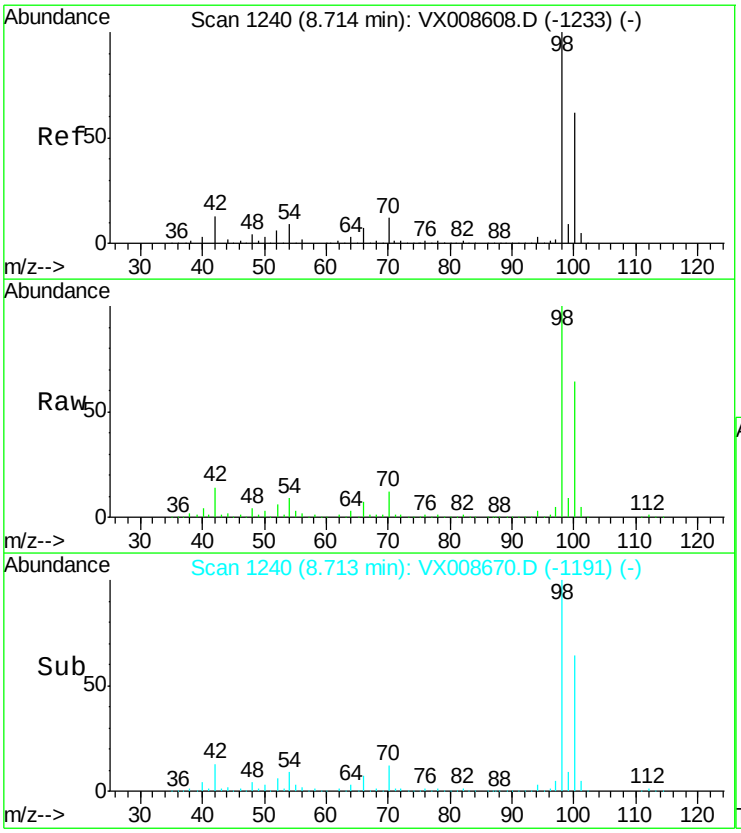
#44
Trichloroethene
Concen: 1.572 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion:130 Resp: 4238

Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	209.8

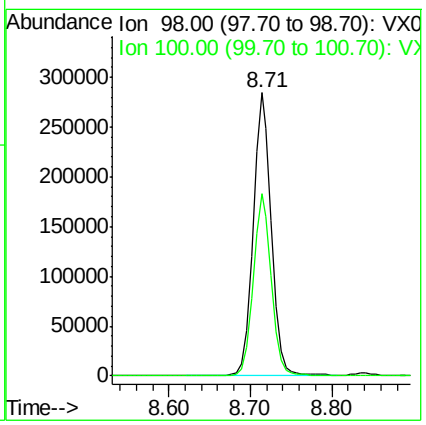


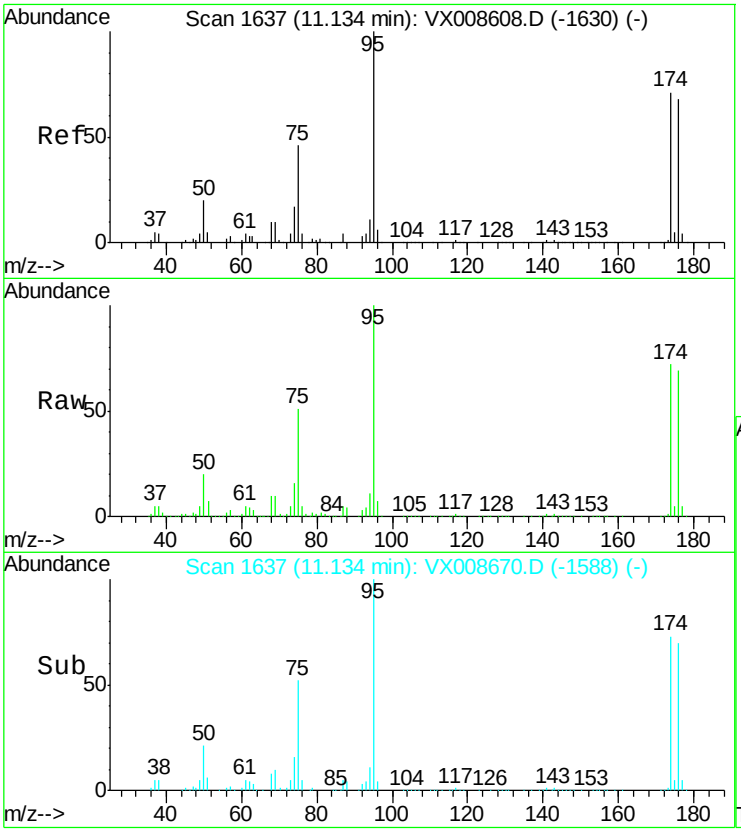


#50
Toluene-d8
Concen: 49.428 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion: 98 Resp: 447207

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0



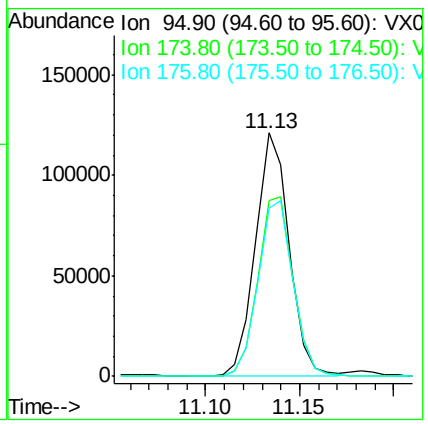


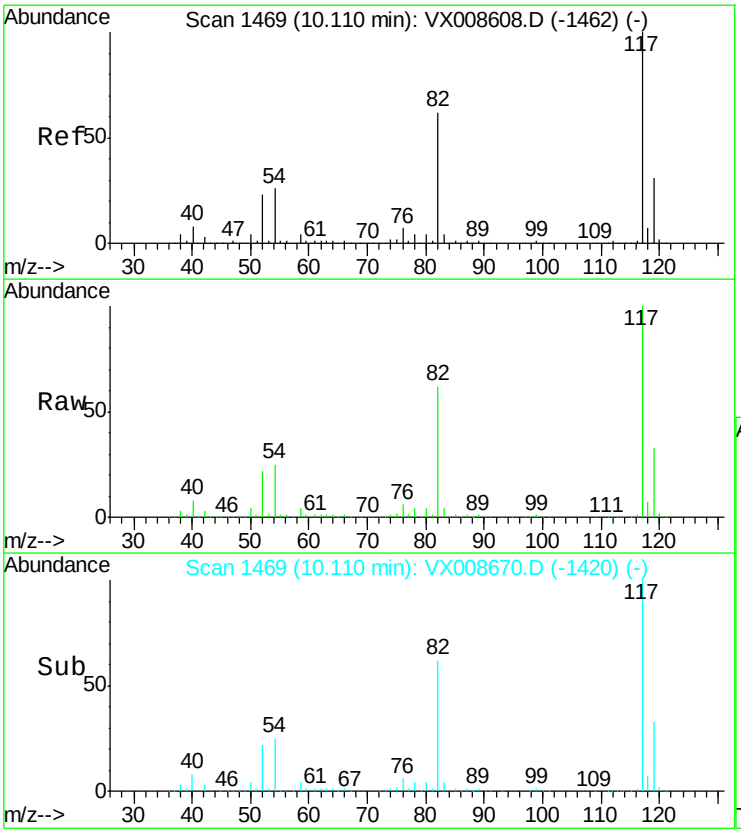
#62
4-Bromofluorobenzene
Concen: 46.726 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion: 95 Resp: 149918

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	151.8
176	75.3	0.0	145.8

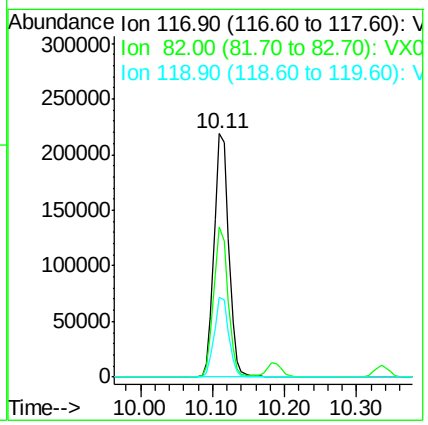


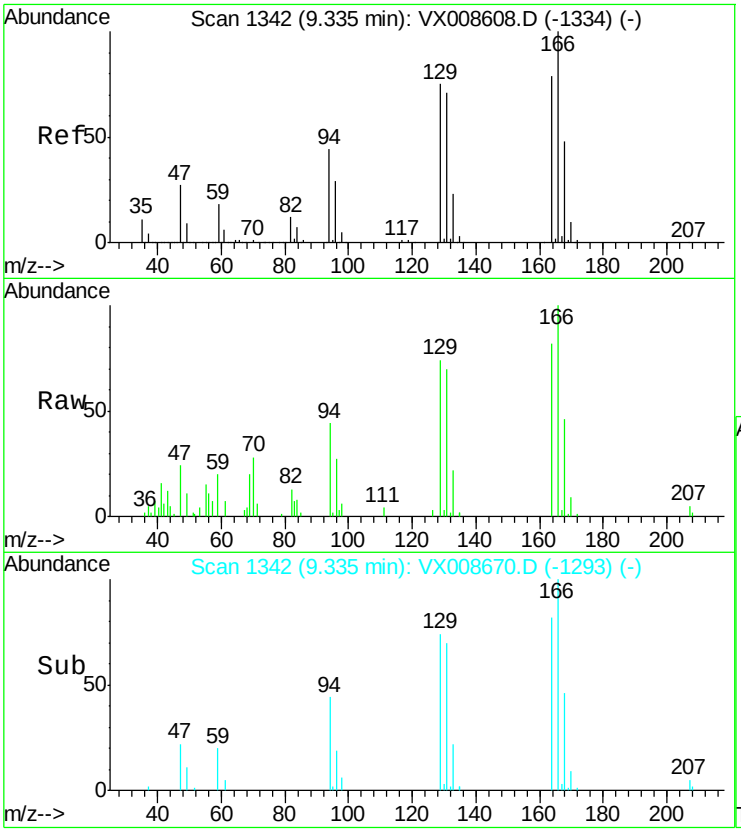


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion:117 Resp: 308452

Ion	Ratio	Lower	Upper
117	100		
82	61.6	49.6	74.4
119	32.9	25.0	37.4



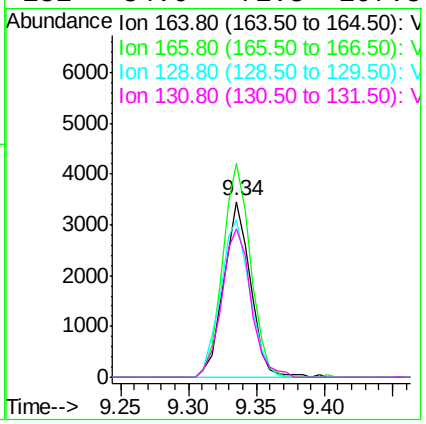


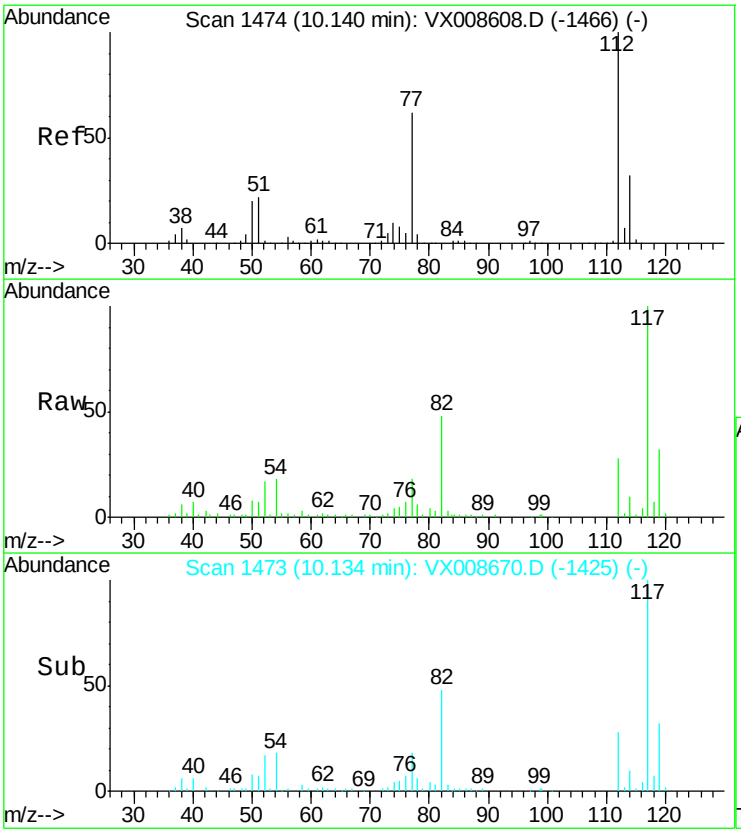
#64
Tetrachloroethene
Concen: 2.087 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion:164 Resp: 4769

Ion	Ratio	Lower	Upper
164	100		
166	121.6	101.0	151.6
129	89.6	75.8	113.8
131	84.6	71.8	107.8

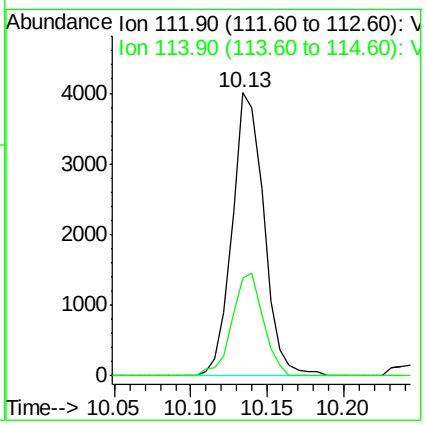


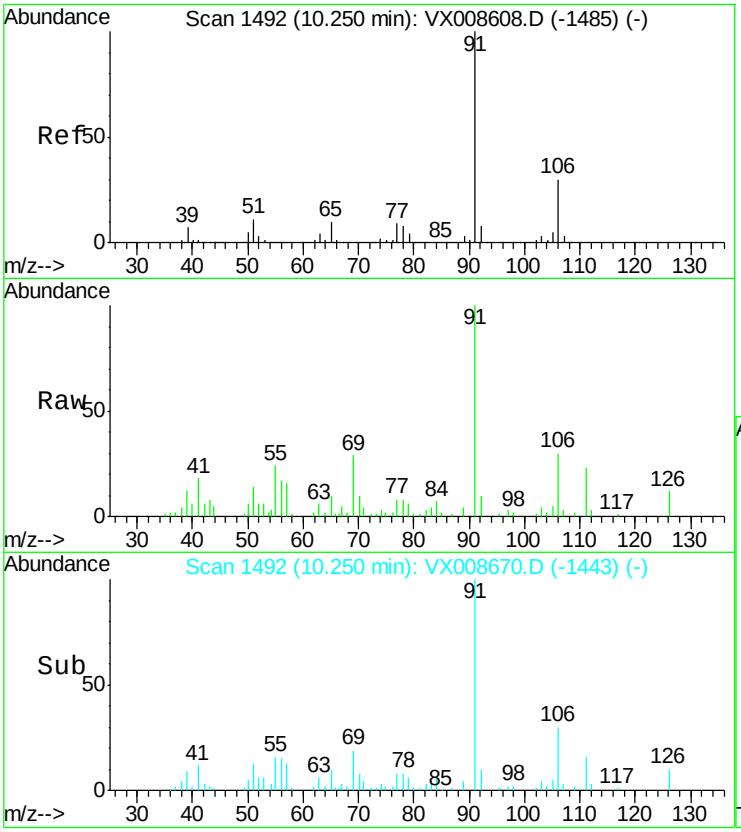


#65
Chlorobenzene
Concen: 0.842 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion:112 Resp: 5758

Ion	Ratio	Lower	Upper
112	100		
114	34.5	25.8	38.8



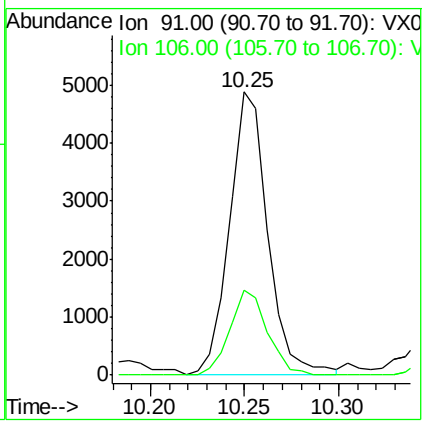


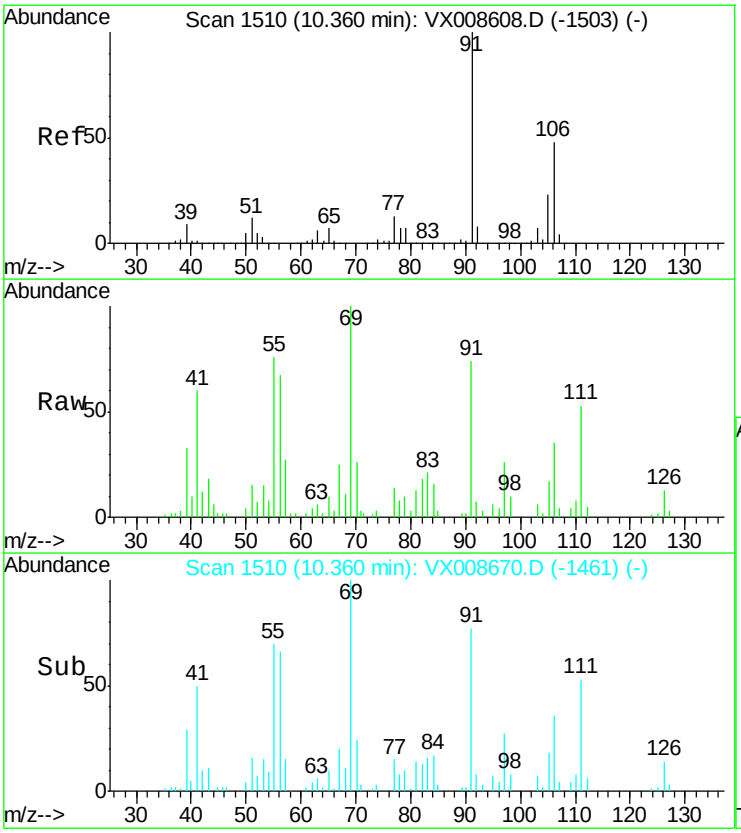
#67
Ethyl Benzene
Concen: 0.540 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion: 91 Resp: 6890

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.7	35.5

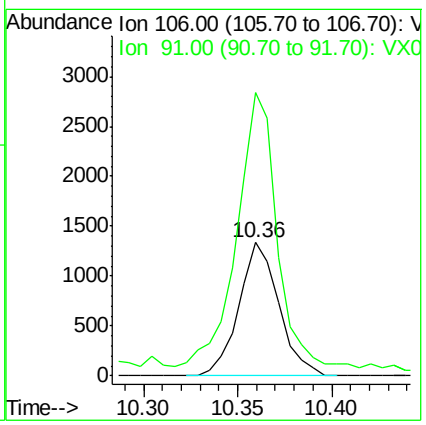


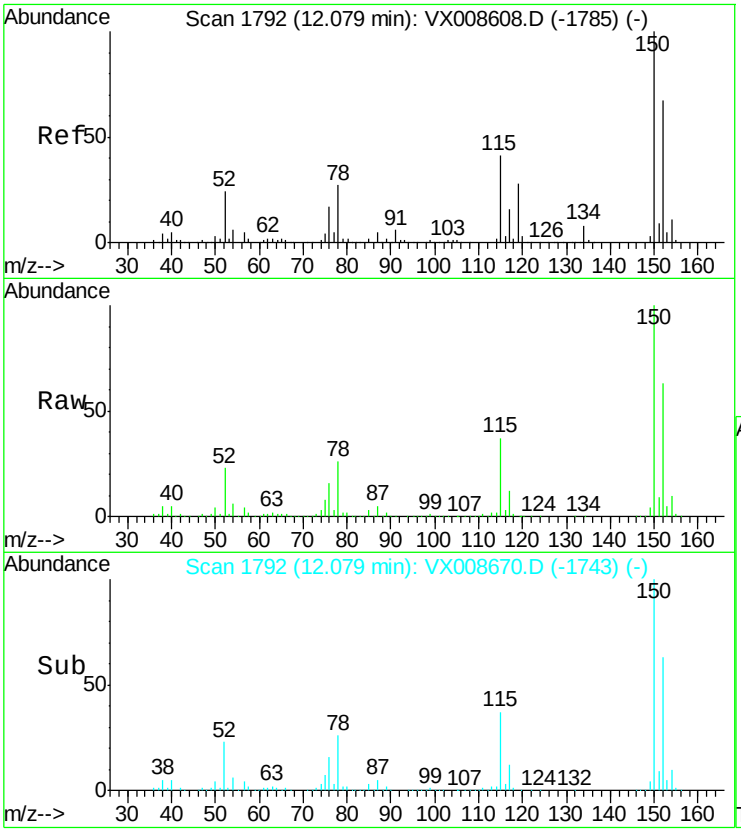


#68
m/p-Xylenes
Concen: 0.430 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion:106 Resp: 1971

Ion	Ratio	Lower	Upper
106	100		
91	238.0	168.5	252.7



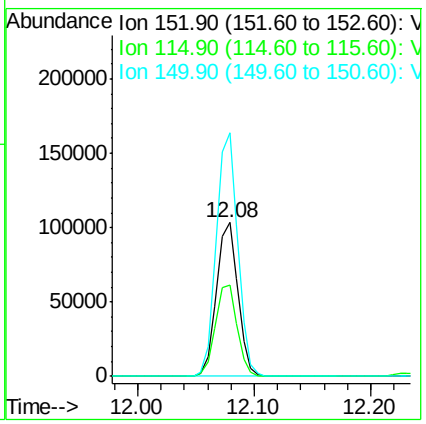


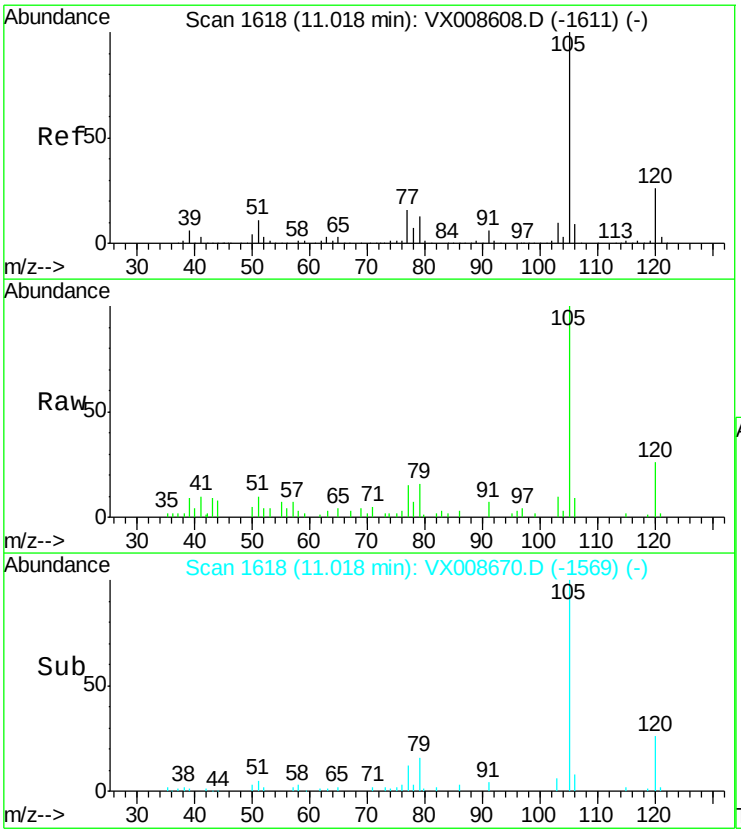
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion:152 Resp: 130508

Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.5	130.5
150	158.3	0.0	348.8

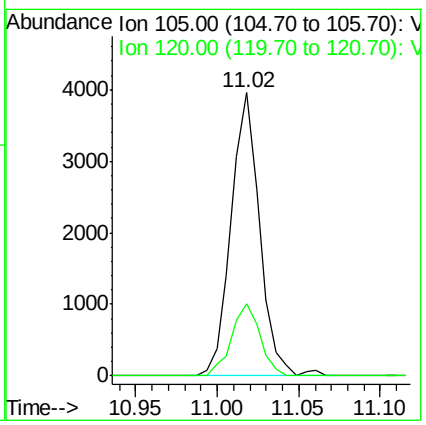


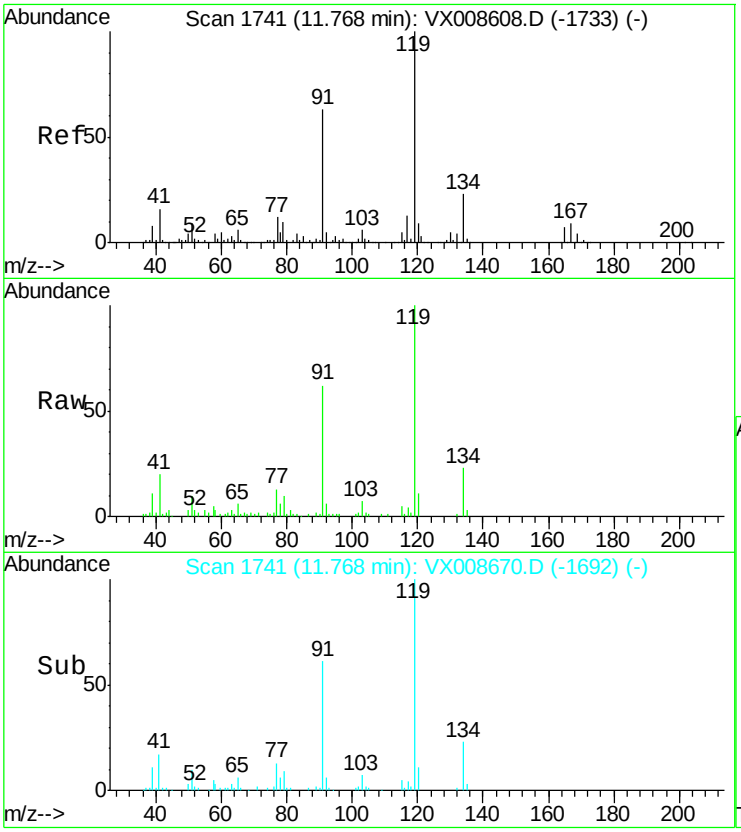


#73
Isopropylbenzene
Concen: 0.446 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion:105 Resp: 4825

Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.9	38.6



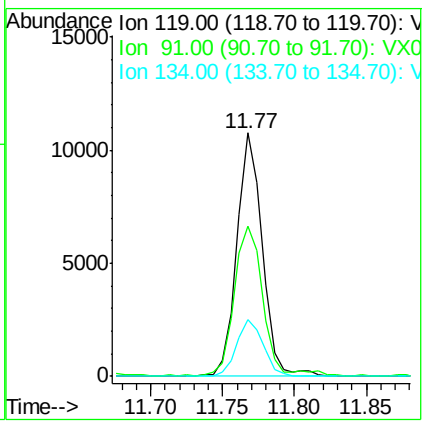


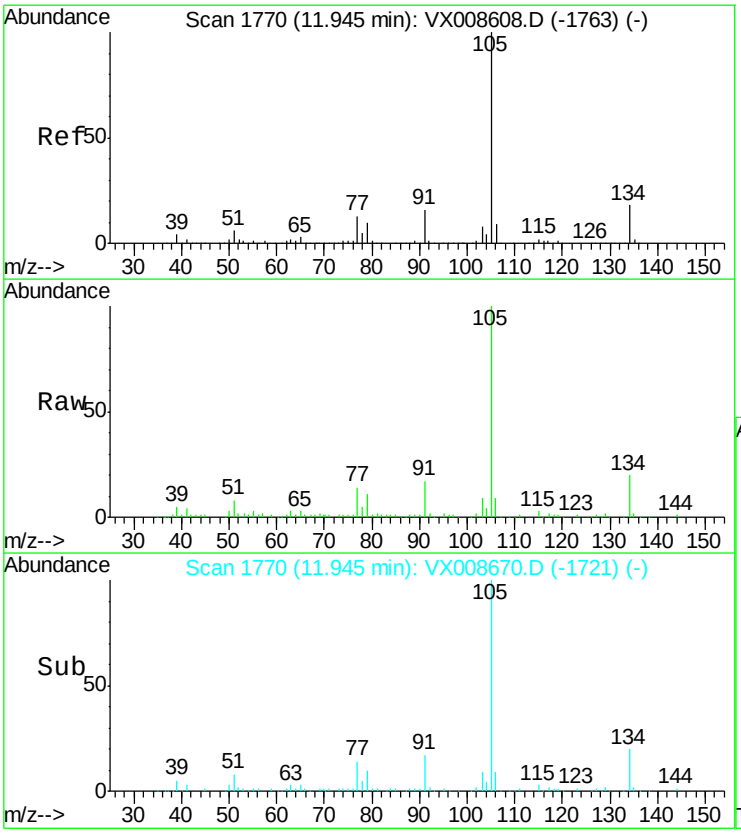
#83
tert-Butylbenzene
Concen: 1.518 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion:119 Resp: 13255

Ion	Ratio	Lower	Upper
119	100		
91	67.9	30.0	90.1
134	23.9	11.1	33.3

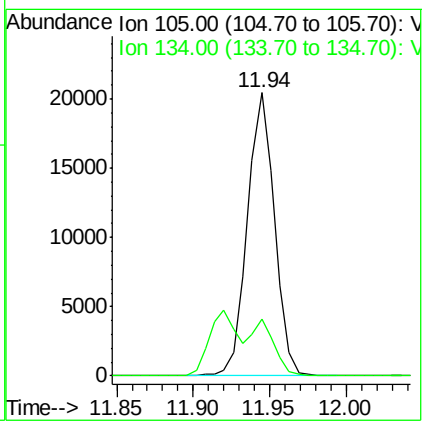


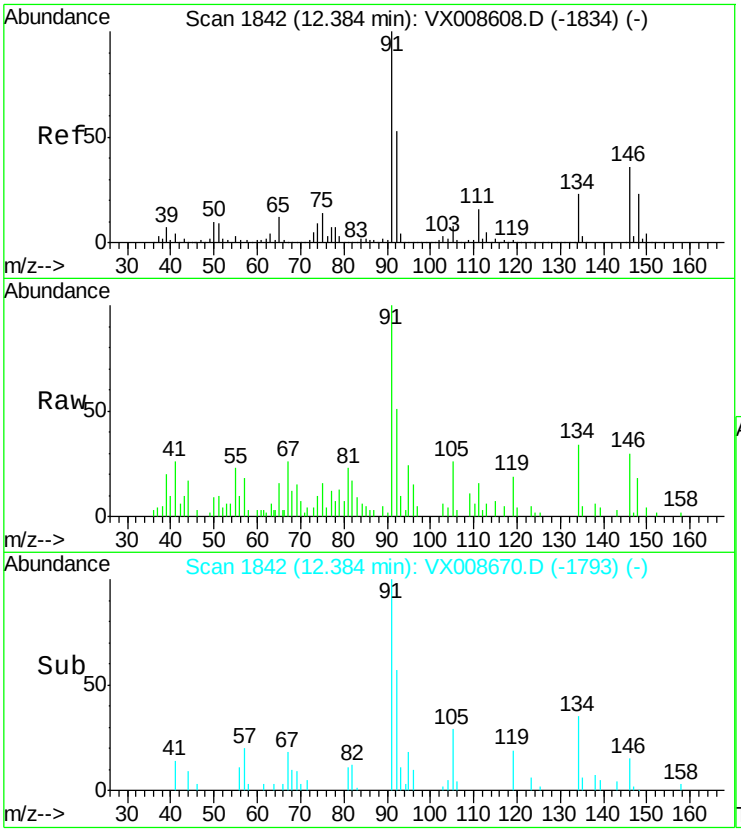


#85
sec-Butylbenzene
Concen: 2.426 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion:105 Resp: 25172

Ion	Ratio	Lower	Upper
105	100		
134	16.9	9.4	28.2



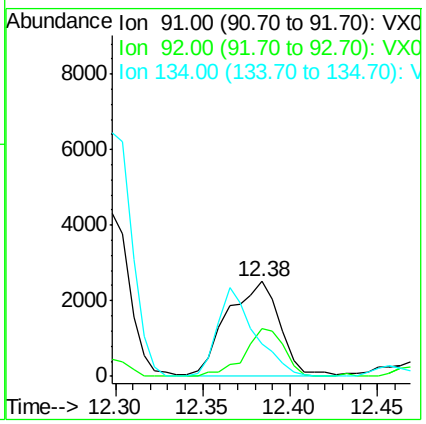


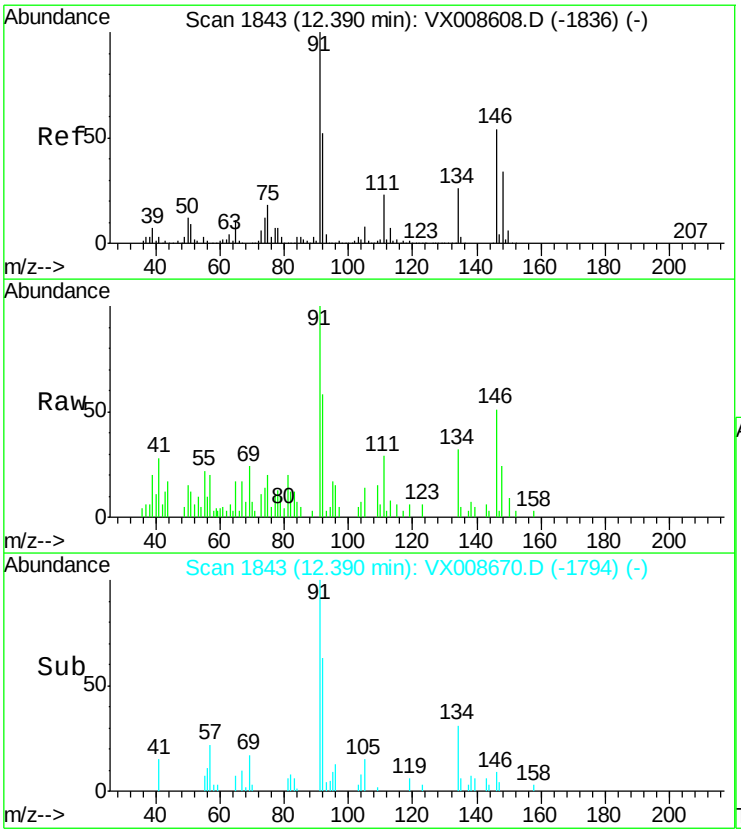
#89
n-Butylbenzene
Concen: 0.606 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Instrument :
MSVOA_X
ClientSampleId :
ST006MW148-190402

Tgt Ion: 91 Resp: 5290

Ion	Ratio	Lower	Upper
91	100		
92	37.4	26.4	79.2
134	66.4	12.0	36.0#





#91
1,2-Dichlorobenzene
Concen: 0.295 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008670.D
Acq: 05 Apr 2019 05:19

Tgt Ion:146 Resp: 1364

Ion	Ratio	Lower	Upper
146	100		
111	57.2	21.3	63.9
148	55.3	31.7	95.1