Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
Data File : VX007023.D
Acq On : 11 Jan 2019 19:29
Operator : JC/SP
Sample : K1133-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WP022MW357-190109

Quant Time: Jan 11 22:21:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	542781	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	837728	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	789633	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	388154	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	293549	51.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.50%				
35) Dibromofluoromethane	5.50	113	253555	47.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.52%				
50) Toluene-d8	8.71	98	1006218	51.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.48%				
62) 4-Bromofluorobenzene	11.13	95	363657	53.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.24%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	1782	0.343	ug/l		98
4) Vinyl Chloride	1.41	62	264473	47.382	ug/l		98
11) Tert butyl alcohol	3.03	59	20161	15.067	ug/l	#	74
12) 1,1-Dichloroethene	2.37	96	1162	0.233	ug/l	#	71
13) Acrolein	2.28	56	876	4.583	ug/l	#	43
16) Acetone	2.45	43	3296	1.175	ug/l	#	78
18) Methyl Acetate	2.78	43	1657	0.204	ug/l	#	41
20) Methylene Chloride	2.85	84	338	Below Cal		#	67
21) trans-1,2-Dichloroethene	3.16	96	9234	1.661	ug/l		95
24) 1,1-Dichloroethane	3.70	63	34017	3.785	ug/l		97
27) cis-1,2-Dichloroethene	4.60	96	191010	31.150	ug/l		93
36) 1,1-Dichloropropene	5.67	75	35108	4.820	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	49162	6.709	ug/l	#	13
40) Benzene	6.15	78	40548	1.825	ug/l		98
42) 1,2-Dichloroethane	6.20	62	5582	0.727	ug/l		77
44) Trichloroethene	7.21	130	16123	2.421	ug/l		100
49) 1,4-Dioxane	7.76	88	1152	Below Cal		#	51
52) Toluene	8.79	92	2994	0.210	ug/l		89
64) Tetrachloroethene	9.33	164	2185	0.320	ug/l		89
65) Chlorobenzene	10.14	112	1053093	61.147	ug/l		99
76) 1,2,3-Trichloropropane	11.13	75	174785	22.221	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.13	75	174785	65.769	ug/l	#	10
87) 1,3-Dichlorobenzene	12.02	146	4865	0.357	ug/l		98
88) 1,4-Dichlorobenzene	12.02	146	4865	0.521	ug/l		97
90) Hexachloroethane	12.46	117	50	2.920	ug/l		57
91) 1,2-Dichlorobenzene	12.39	146	13458	1.000	ug/l		97

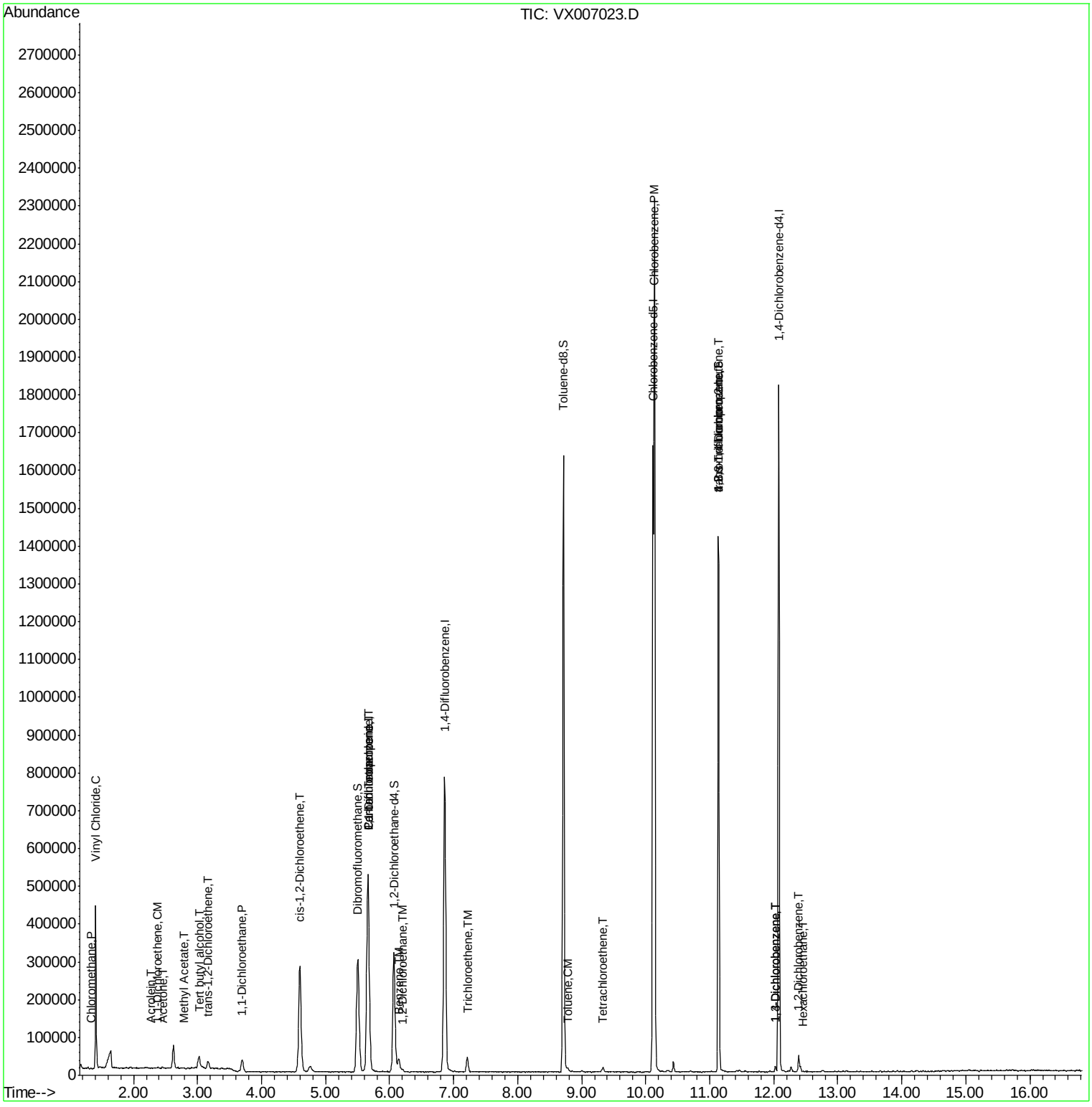
(#) = qualifier out of range (m) = manual integration (+) = signals summed

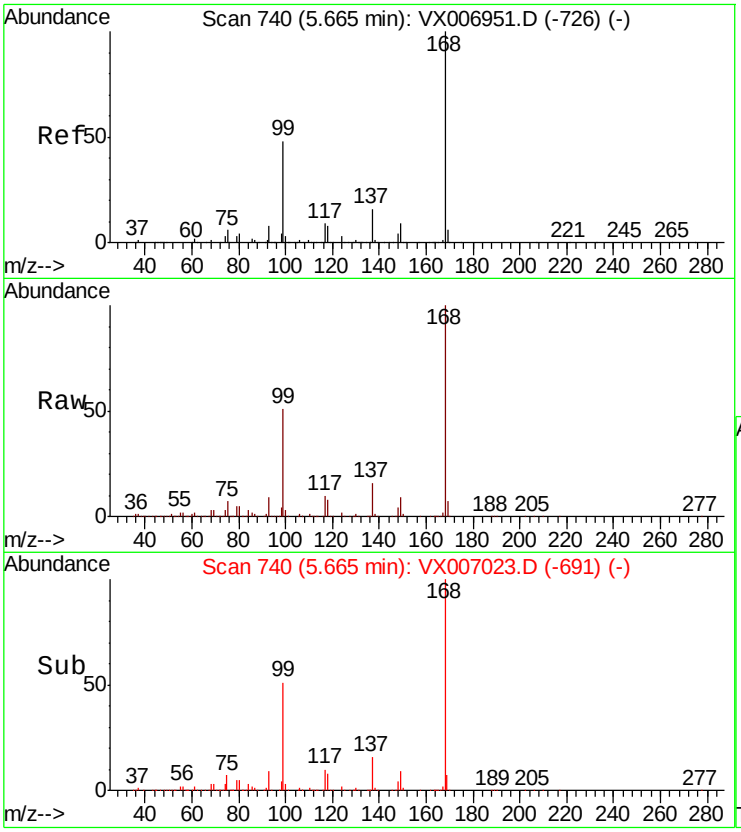
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
Data File : VX007023.D
Acq On : 11 Jan 2019 19:29
Operator : JC/SP
Sample : K1133-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Quant Time: Jan 11 22:21:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration



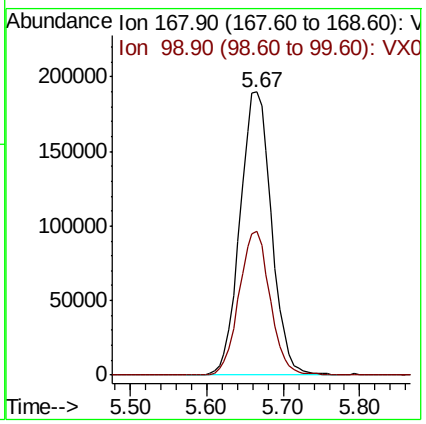


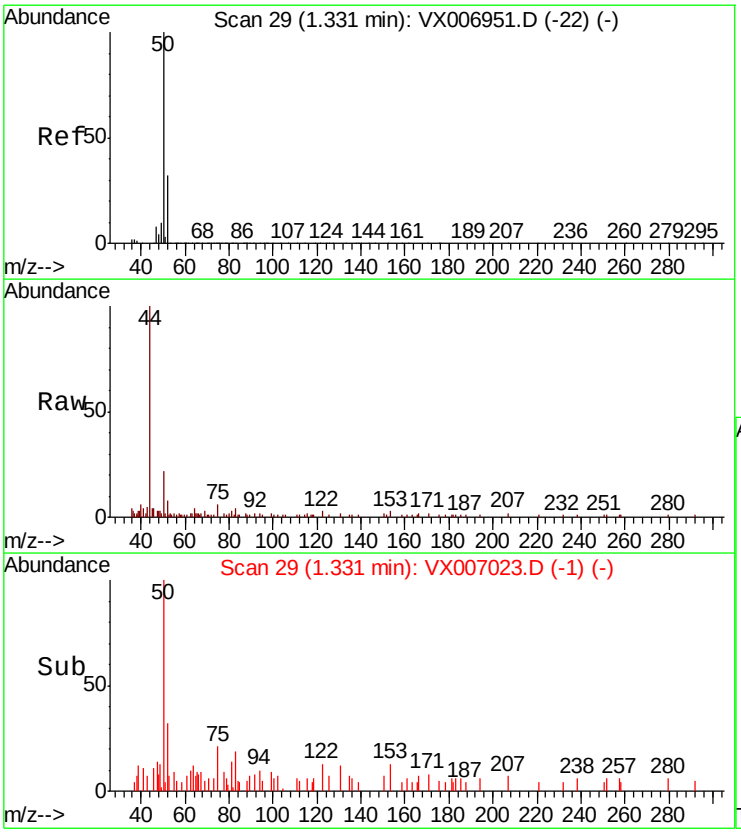
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion:168 Resp: 542781

Ion	Ratio	Lower	Upper
168	100		
99	51.0	41.8	62.8

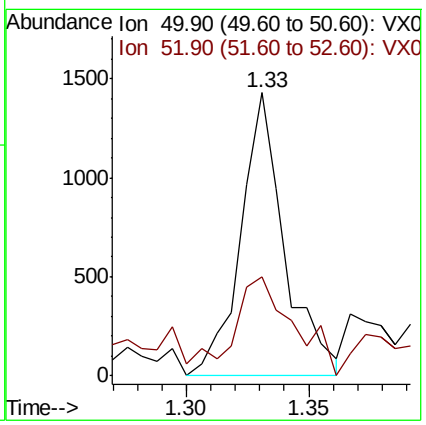


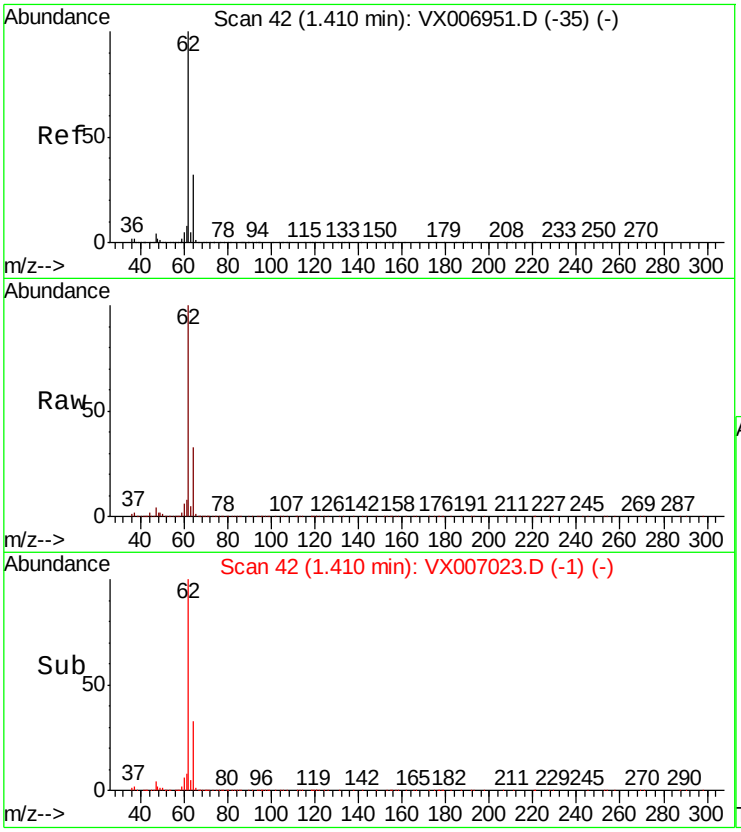


#3
Chloromethane
Concen: 0.343 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 50 Resp: 1782

Ion	Ratio	Lower	Upper
50	100		
52	31.0	25.4	38.2



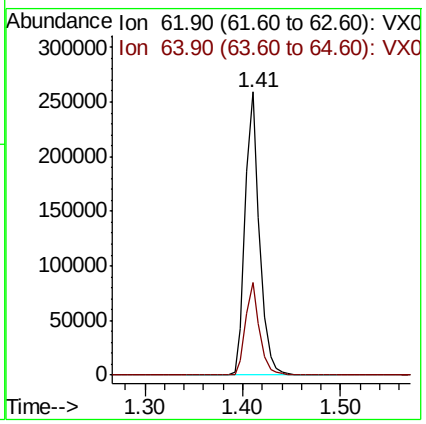


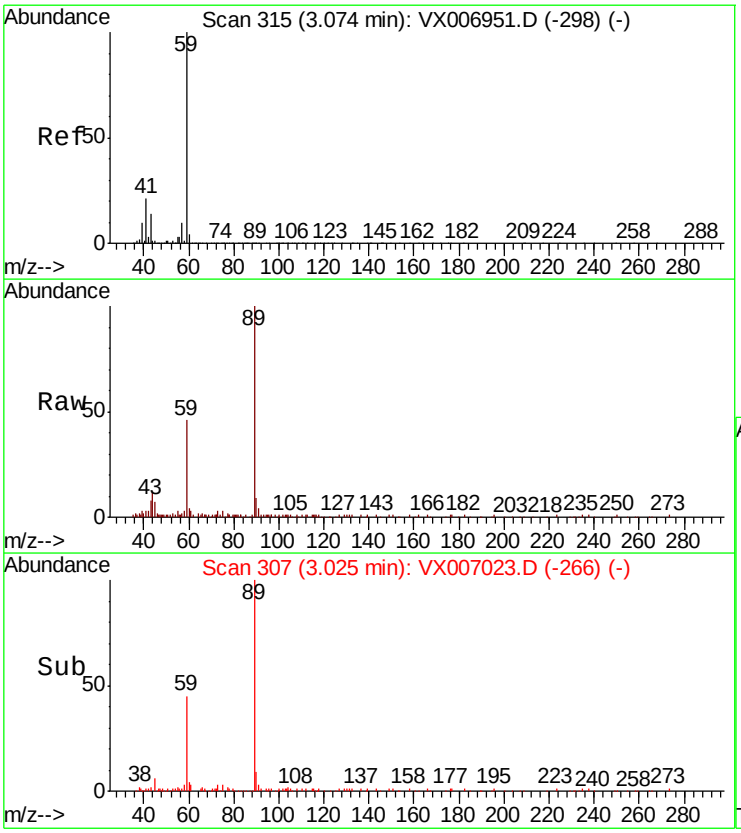
#4
Vinyl Chloride
Concen: 47.382 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion: 62 Resp: 264473

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.1	37.7

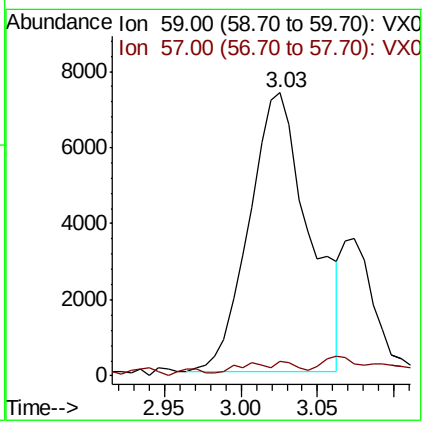


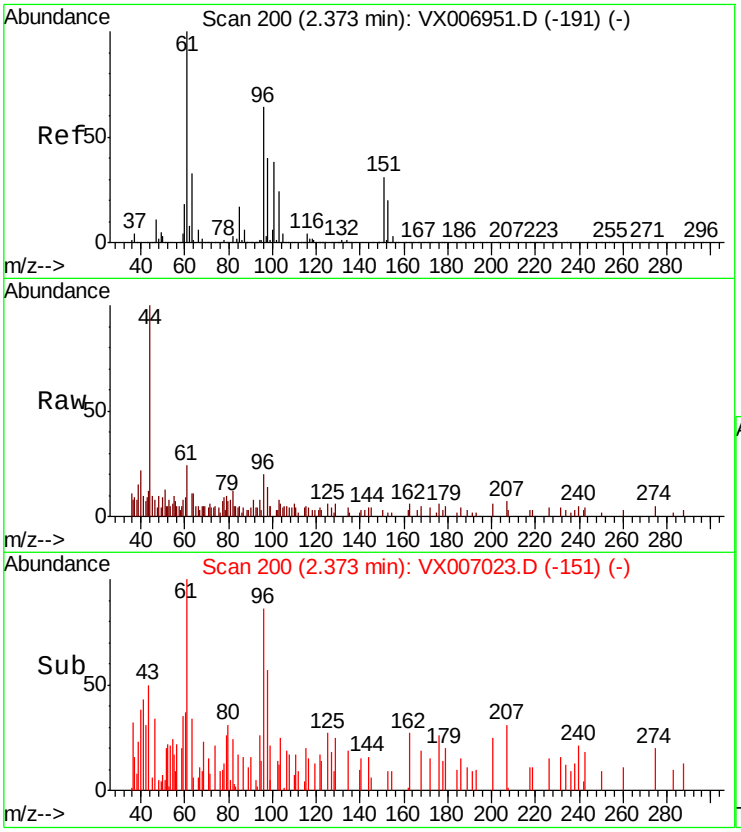


#11
Tert butyl alcohol
Concen: 15.067 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 59 Resp: 20161

Ion	Ratio	Lower	Upper
59	100		
57	0.9	8.5	12.7#



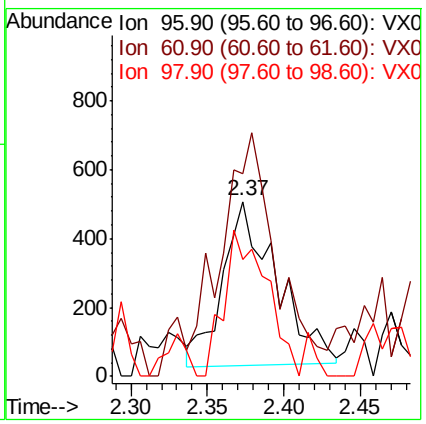


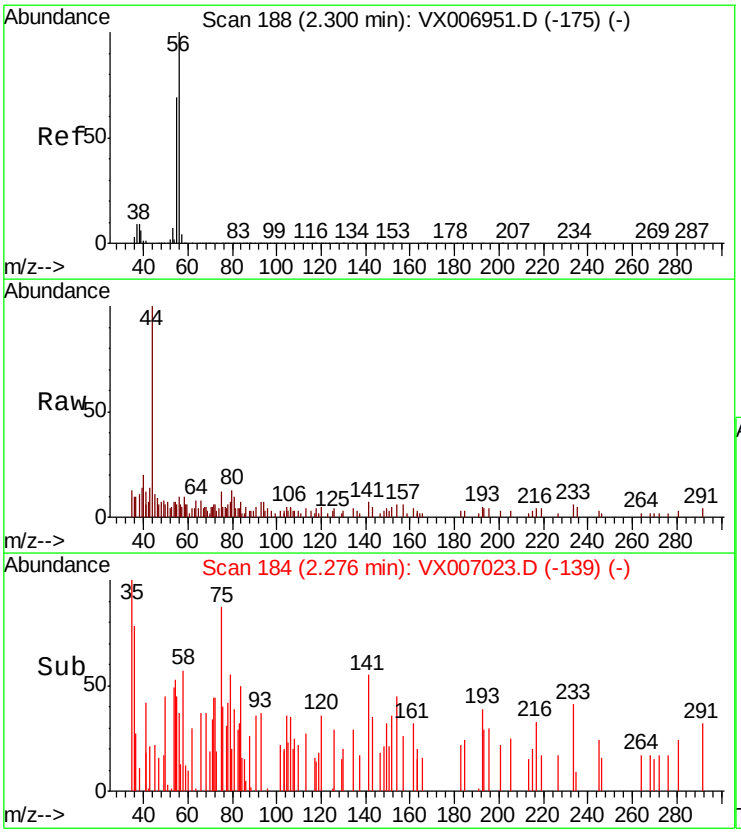
#12
1,1-Dichloroethene
Concen: 0.233 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion: 96 Resp: 1162

Ion	Ratio	Lower	Upper
96	100		
61	113.0	121.4	182.2#
98	84.4	51.9	77.9#

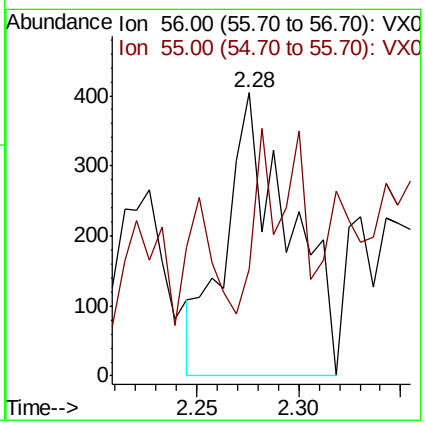


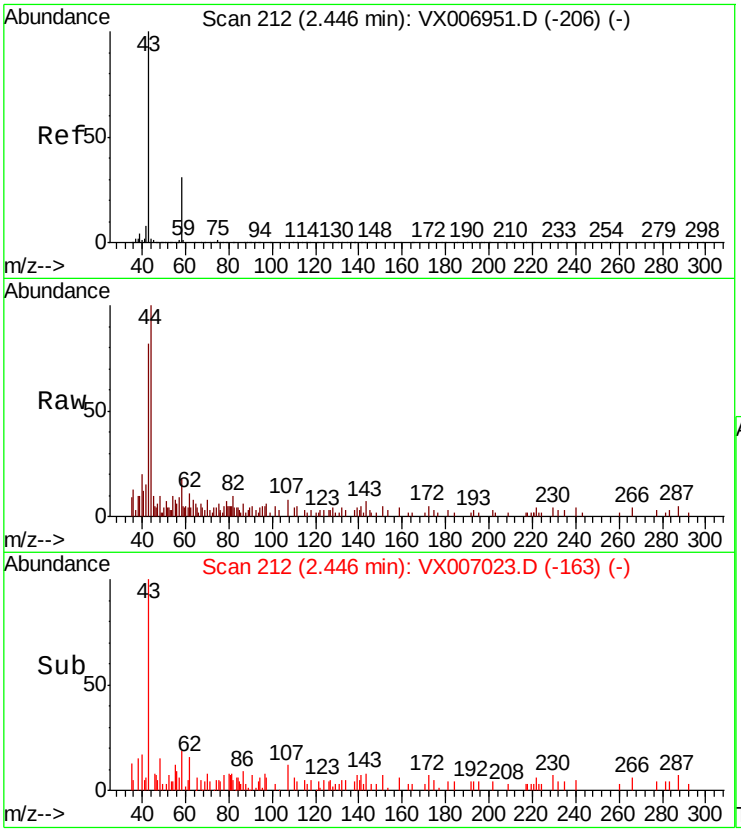


#13
Acrolein
Concen: 4.583 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 56 Resp: 876

Ion	Ratio	Lower	Upper
56	100		
55	24.9	58.2	87.4#



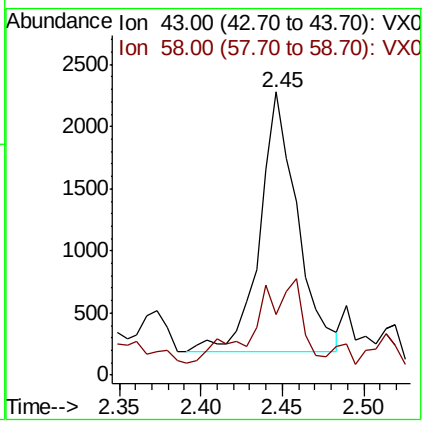


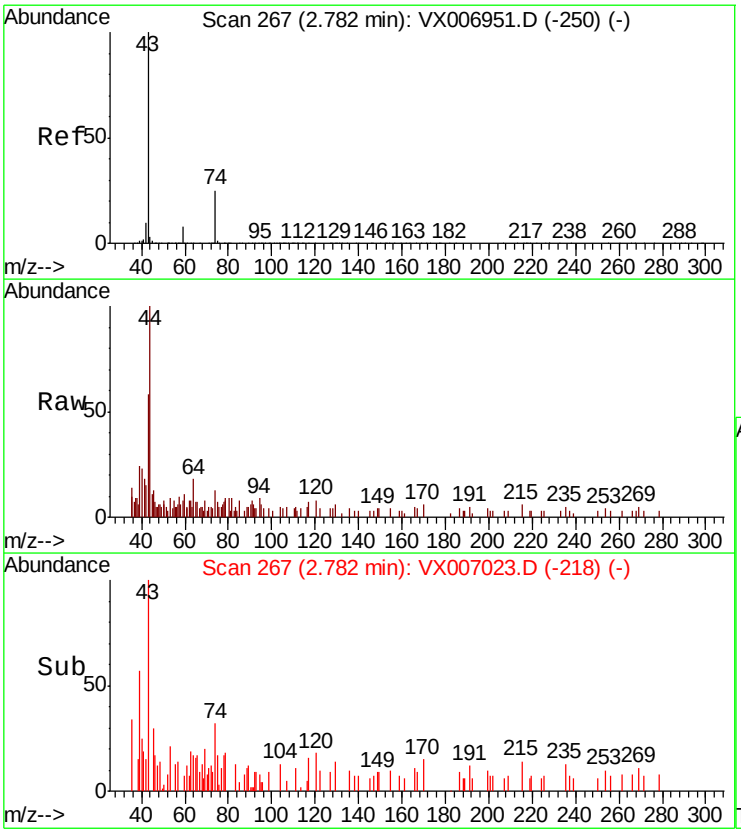
#16
Acetone
Concen: 1.175 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion: 43 Resp: 3296

Ion	Ratio	Lower	Upper
43	100		
58	19.1	25.0	37.6#

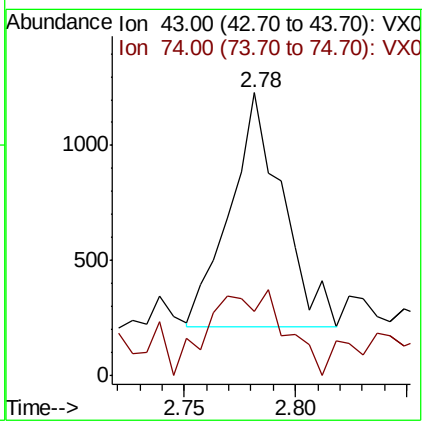


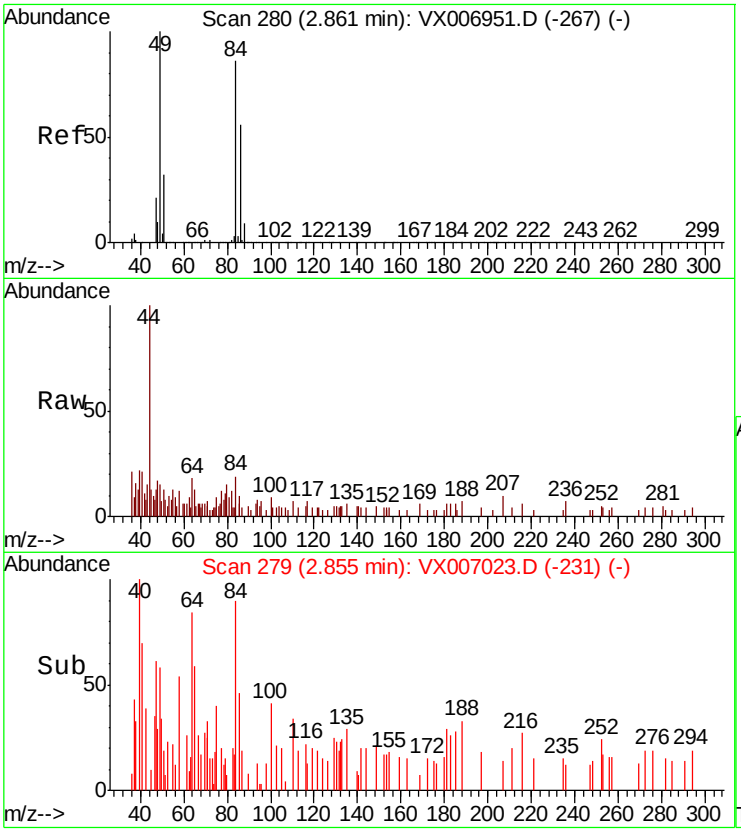


#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 43 Resp: 1657

Ion	Ratio	Lower	Upper
43	100		
74	52.3	18.6	28.0#



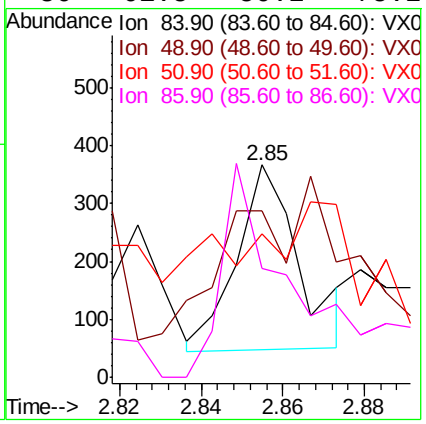


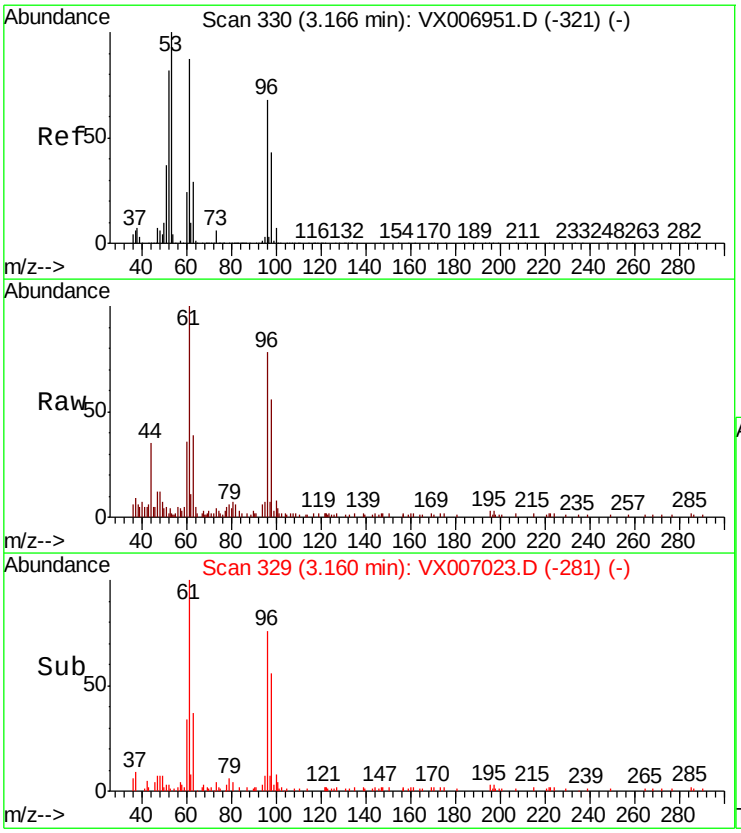
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion: 84 Resp: 338

Ion	Ratio	Lower	Upper
84	100		
49	50.7	91.8	137.6#
51	33.6	28.5	42.7
86	61.5	50.2	75.2

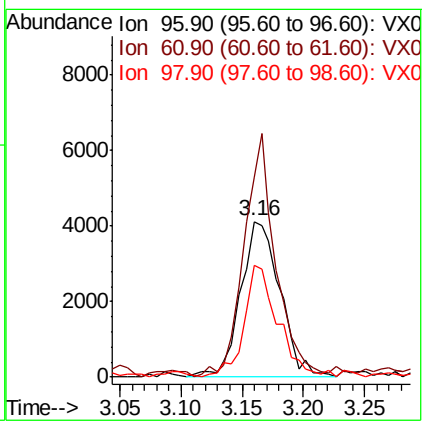


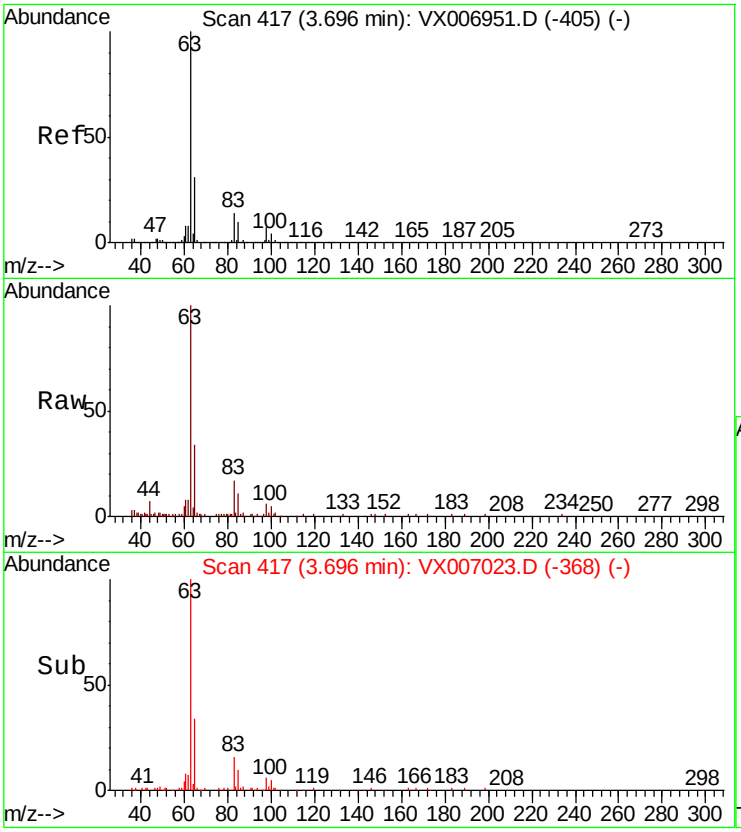


#21
trans-1,2-Dichloroethene
Concen: 1.661 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 96 Resp: 9234

Ion	Ratio	Lower	Upper
96	100		
61	125.5	103.7	155.5
98	70.3	51.0	76.6



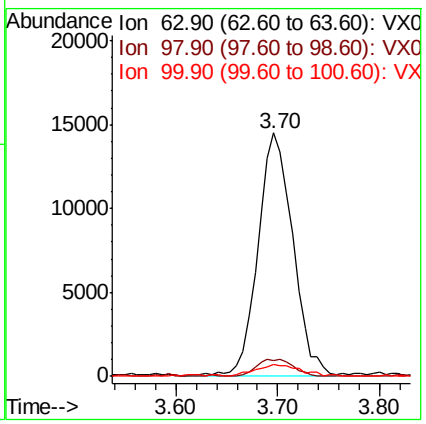


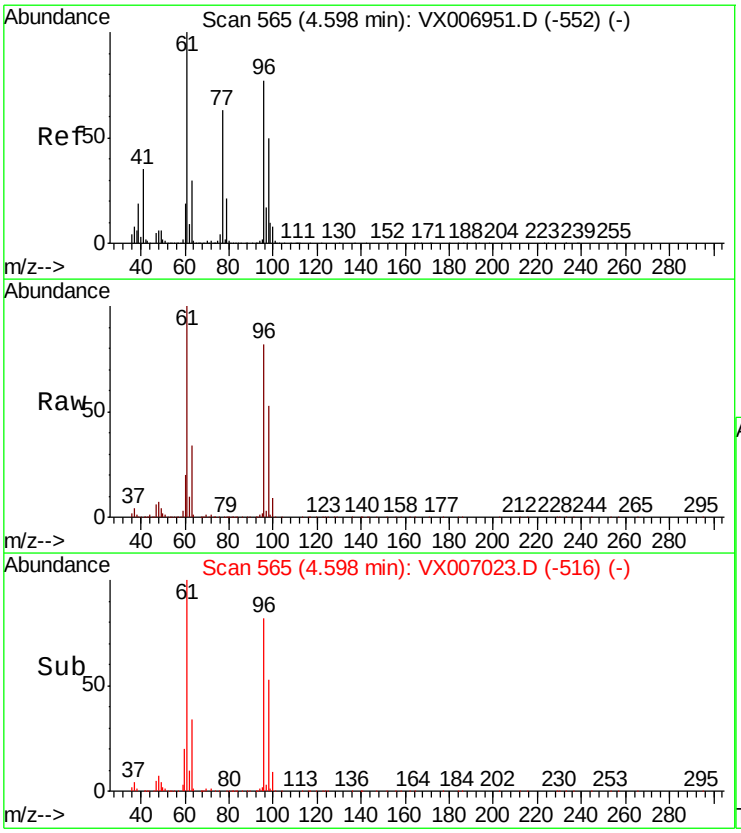
#24
1,1-Dichloroethane
Concen: 3.785 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion: 63 Resp: 34017

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.9	11.5
100	4.4	2.4	7.2

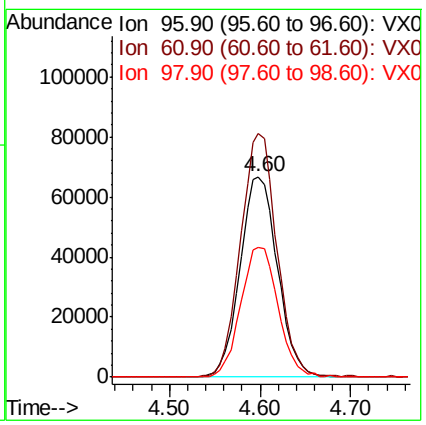


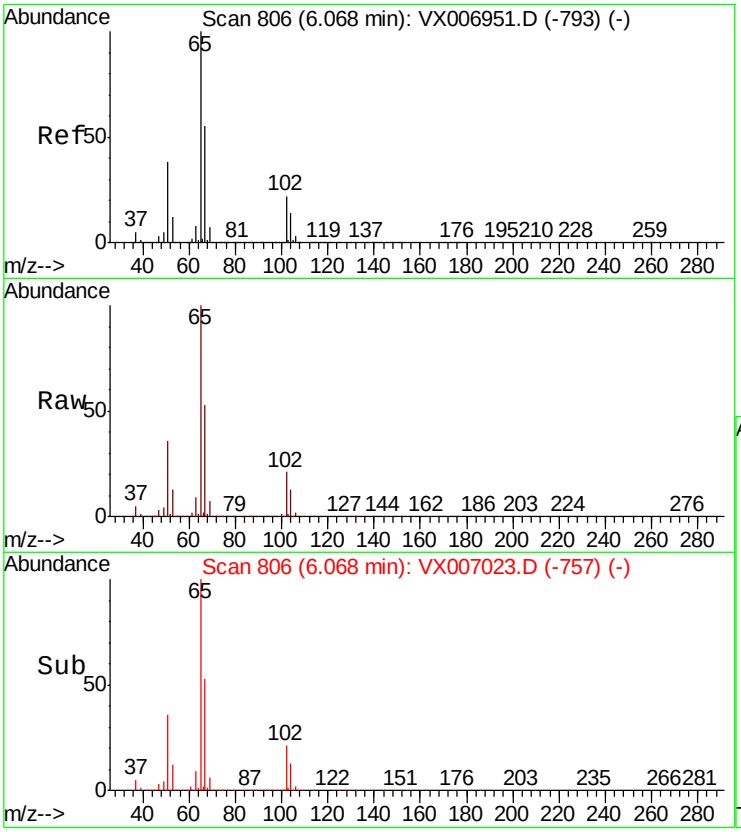


#27
cis-1,2-Dichloroethene
Concen: 31.150 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 96 Resp: 191010

Ion	Ratio	Lower	Upper
96	100		
61	117.6	0.0	258.6
98	64.7	0.0	132.0



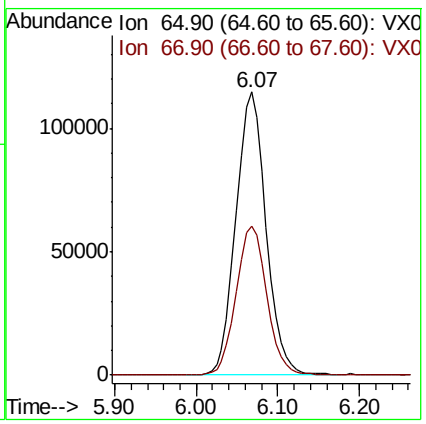


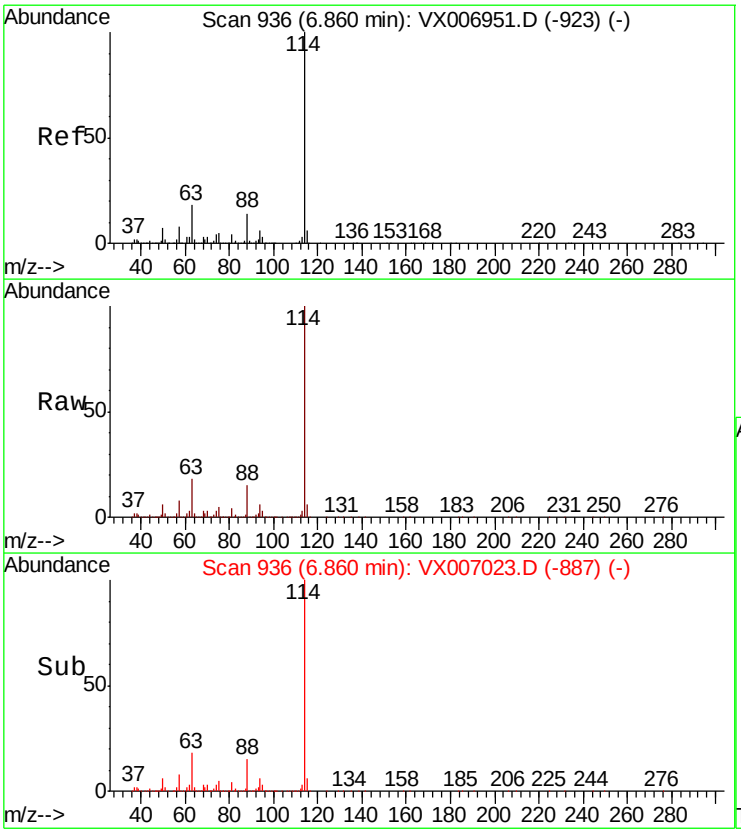
#33
1,2-Dichloroethane-d4
Concen: 51.749 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion: 65 Resp: 293549

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.0

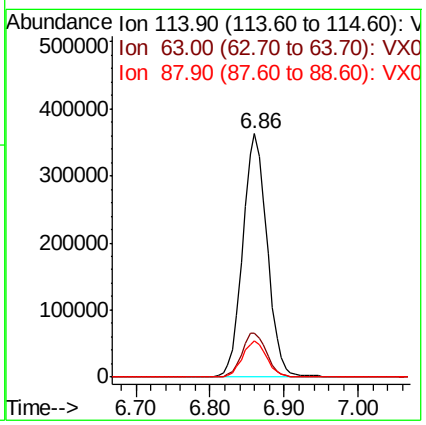


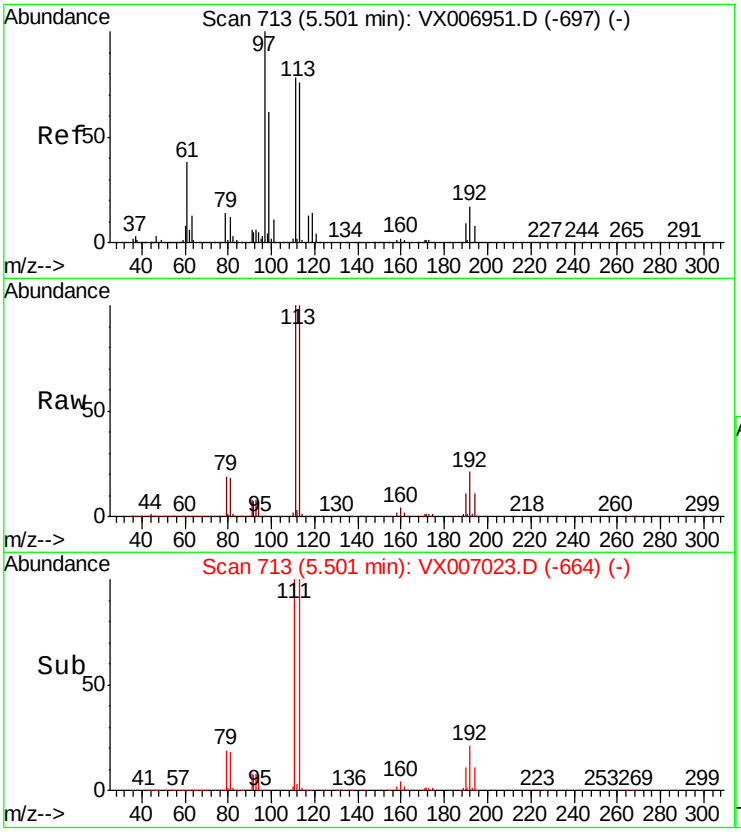


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion:114 Resp: 837728

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.8
88	14.9	0.0	28.8



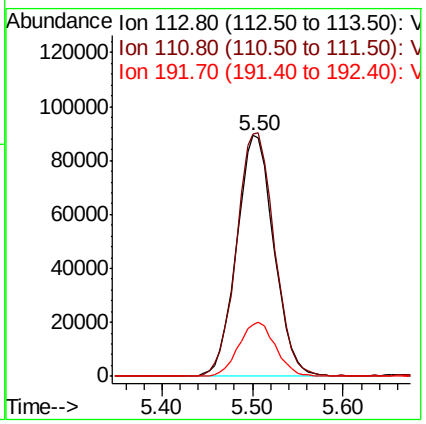


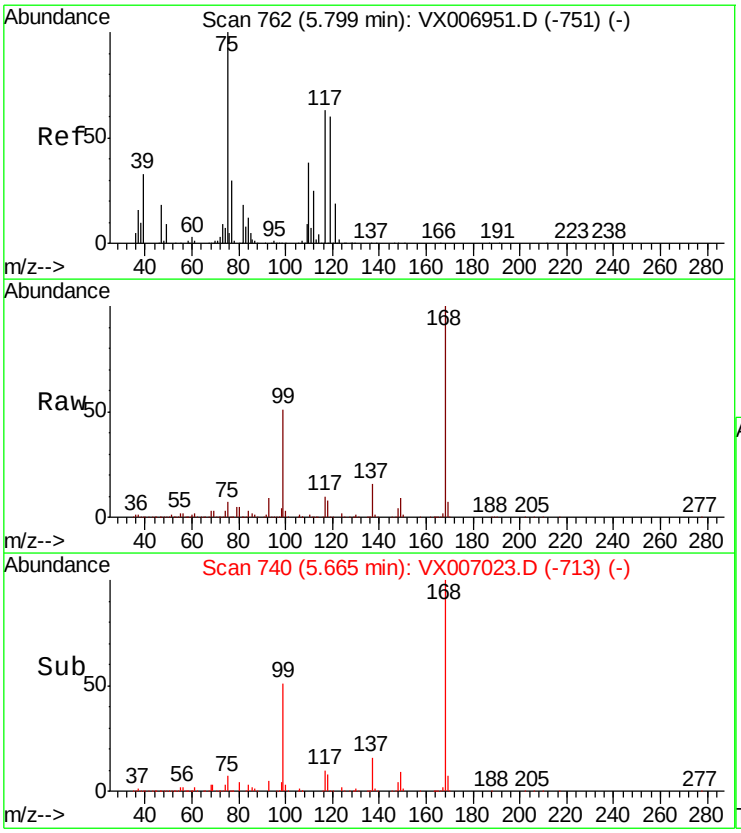
#35
Dibromofluoromethane
Concen: 47.263 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion:113 Resp: 253555

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.6	122.4
192	22.4	16.7	25.1

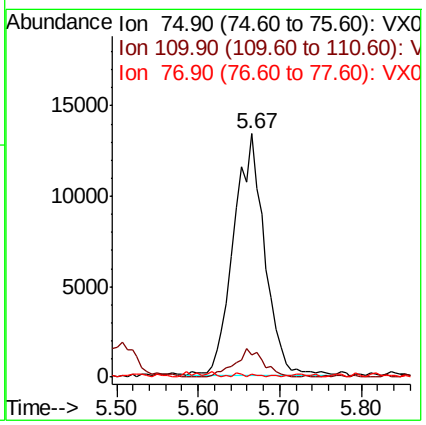


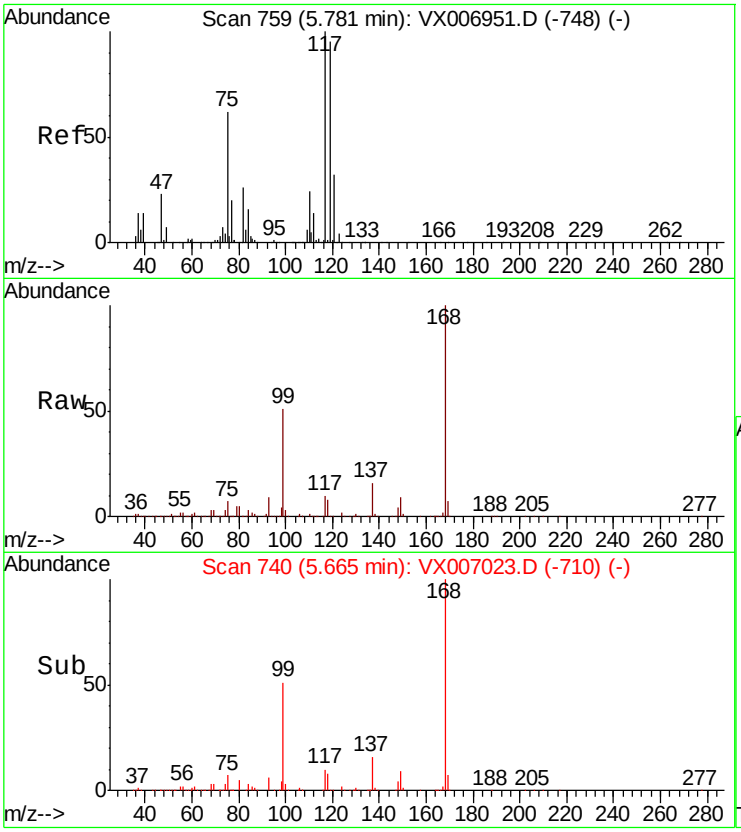


#36
1,1-Dichloropropene
Concen: 4.820 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 75 Resp: 35108

Ion	Ratio	Lower	Upper
75	100		
110	10.9	20.2	60.5#
77	0.4	24.8	37.2#



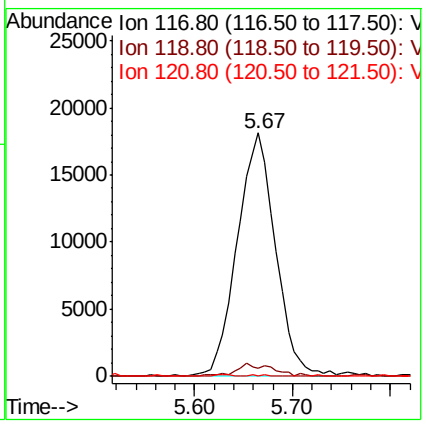


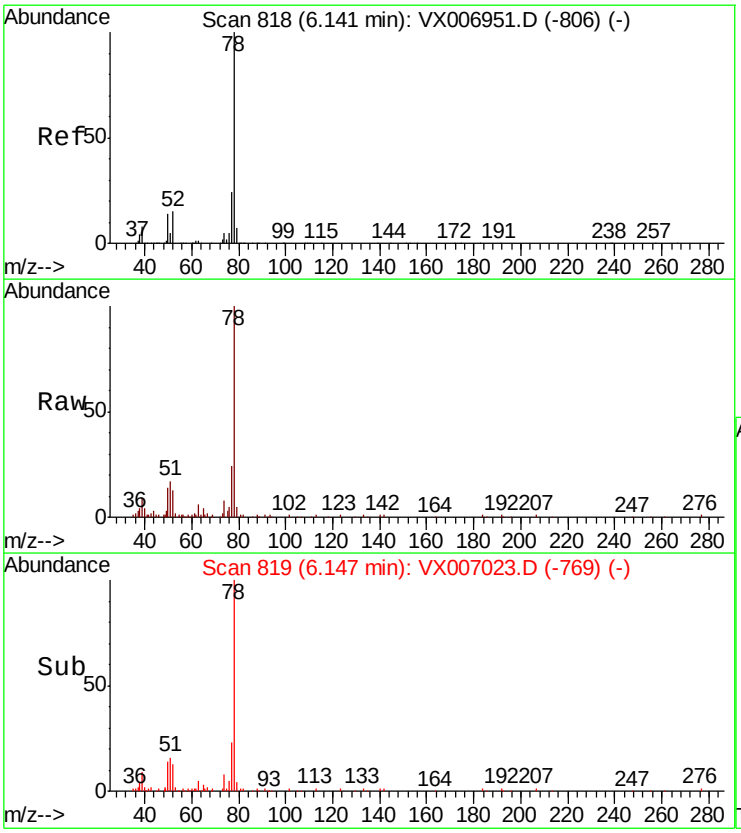
#38
Carbon Tetrachloride
Concen: 6.709 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion:117 Resp: 49162

Ion	Ratio	Lower	Upper
117	100		
119	3.3	79.4	119.2#
121	0.0	24.0	36.0#

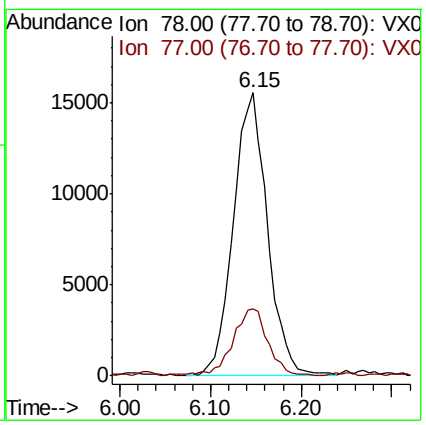


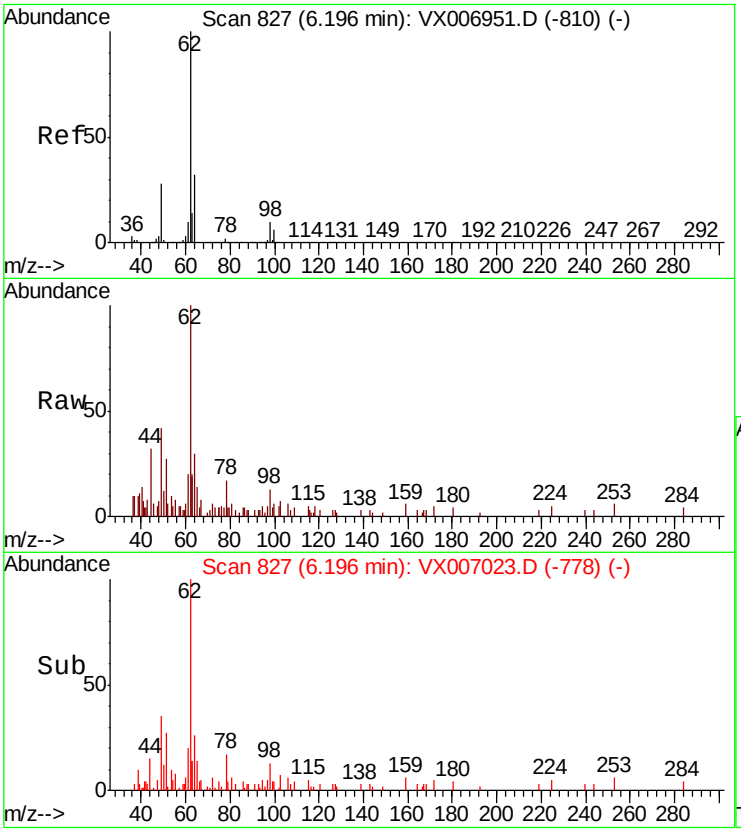


#40
Benzene
Concen: 1.825 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 78 Resp: 40548

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.2	28.8



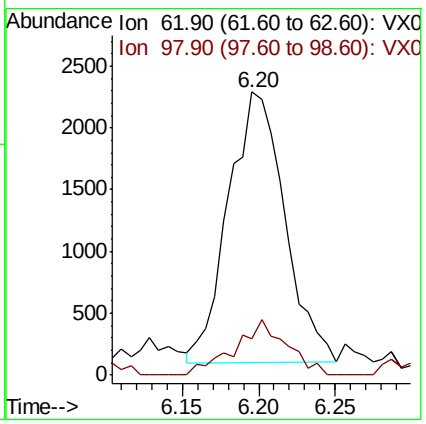


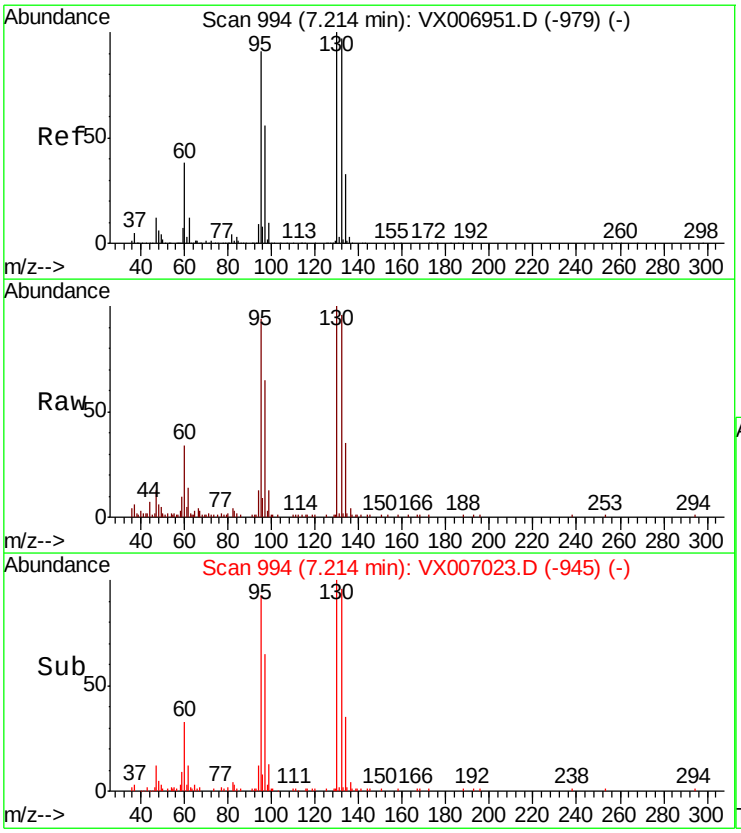
#42
1,2-Dichloroethane
Concen: 0.727 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion: 62 Resp: 5582

Ion	Ratio	Lower	Upper
62	100		
98	18.8	0.0	20.2

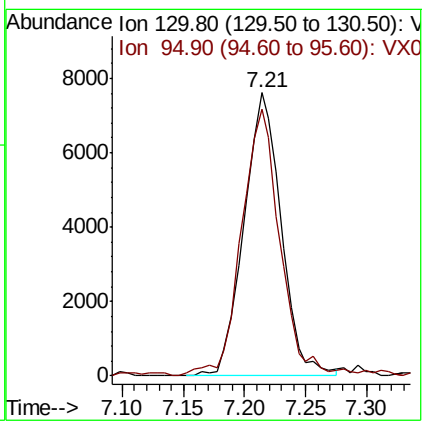


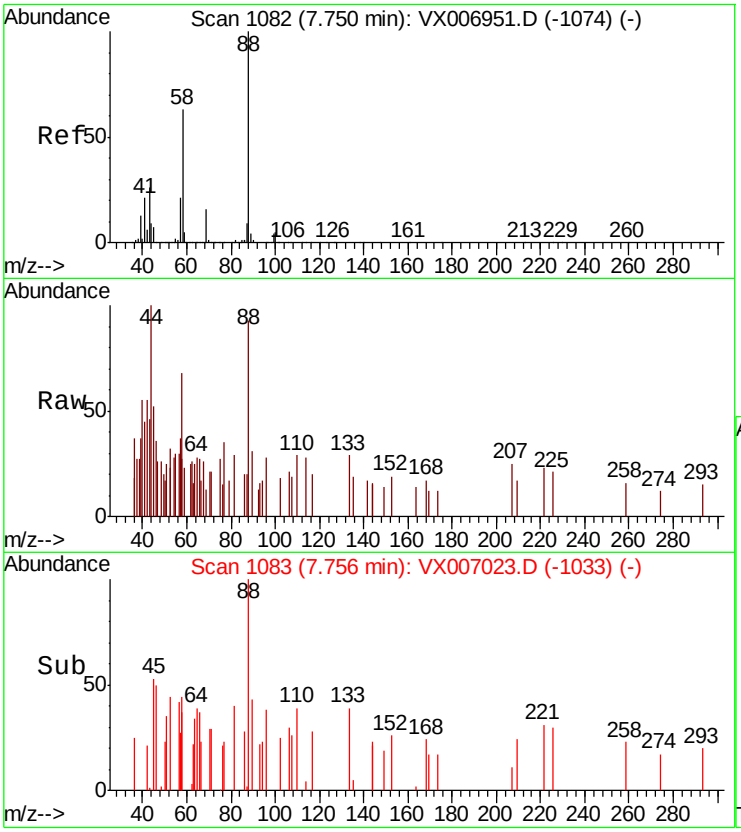


#44
Trichloroethene
Concen: 2.421 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion:130 Resp: 16123

Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	187.0



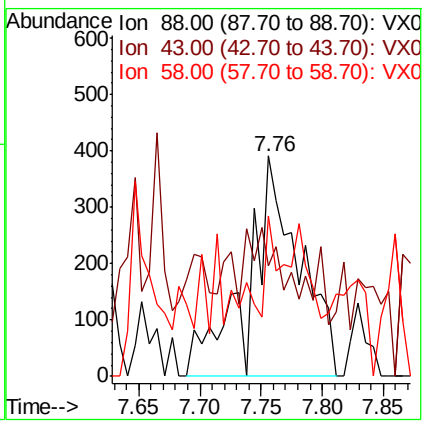


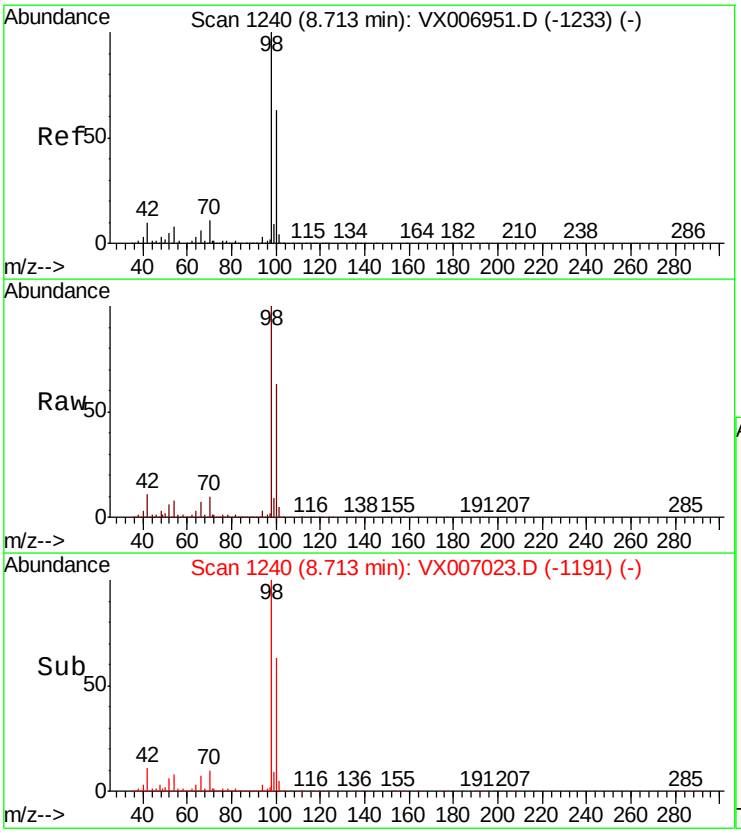
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion: 88 Resp: 1152

Ion	Ratio	Lower	Upper
88	100		
43	19.9	22.2	33.4#
58	14.1	51.0	76.4#

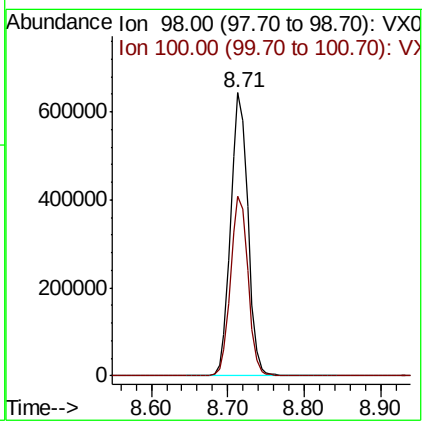


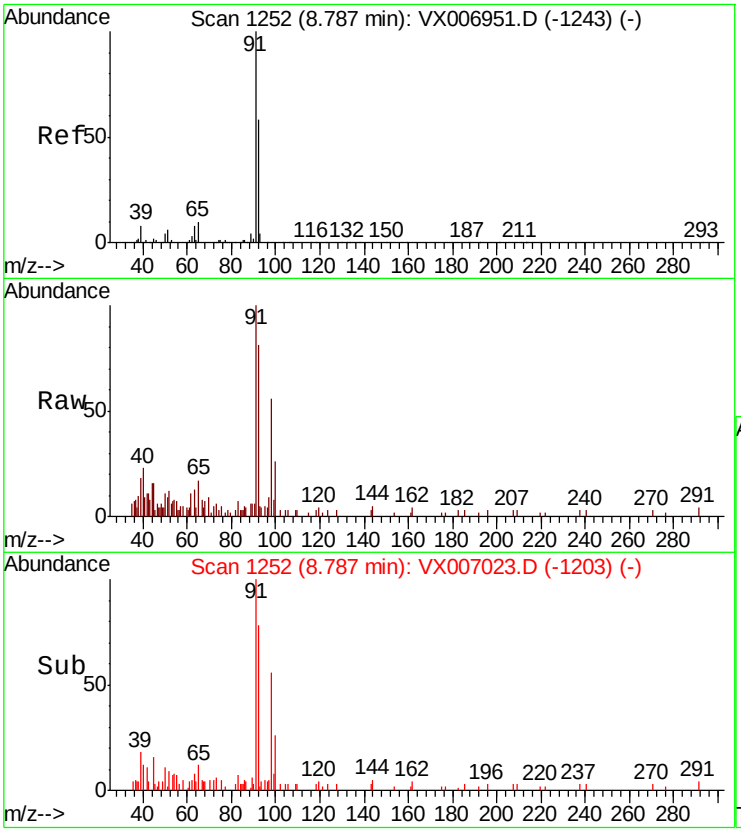


#50
Toluene-d8
Concen: 51.242 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 98 Resp: 1006218

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0



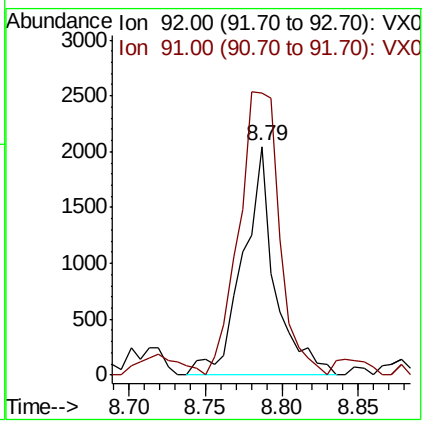


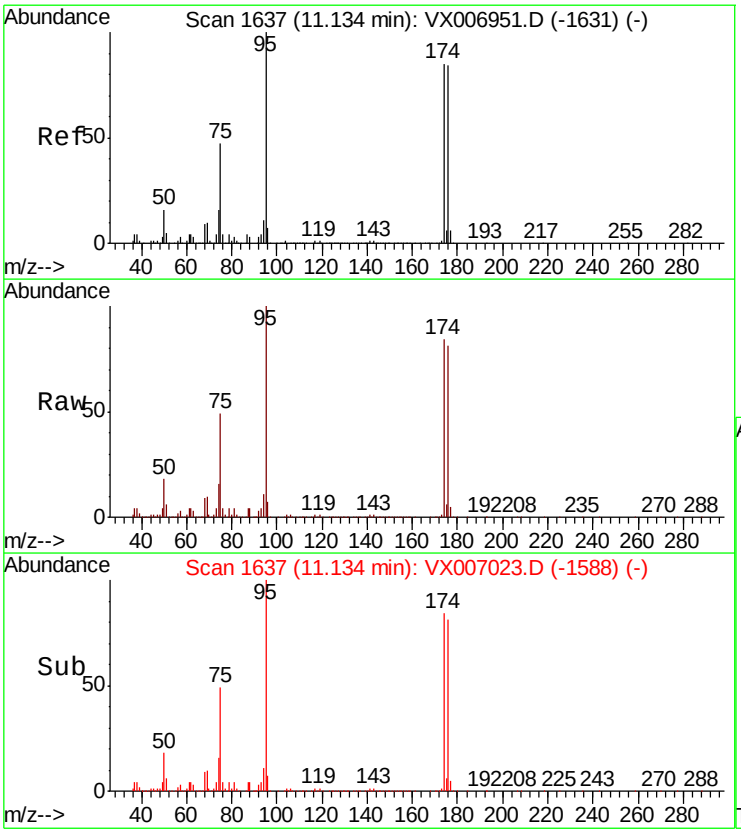
#52
Toluene
Concen: 0.210 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion: 92 Resp: 2994

Ion	Ratio	Lower	Upper
92	100		
91	157.2	137.6	206.4

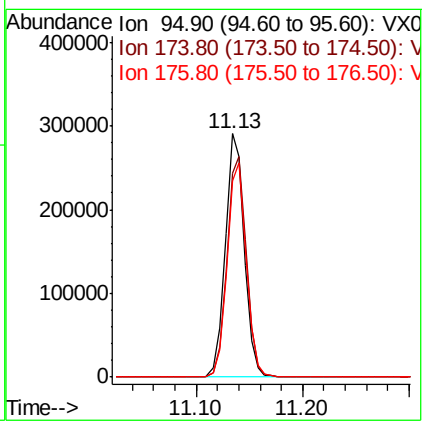


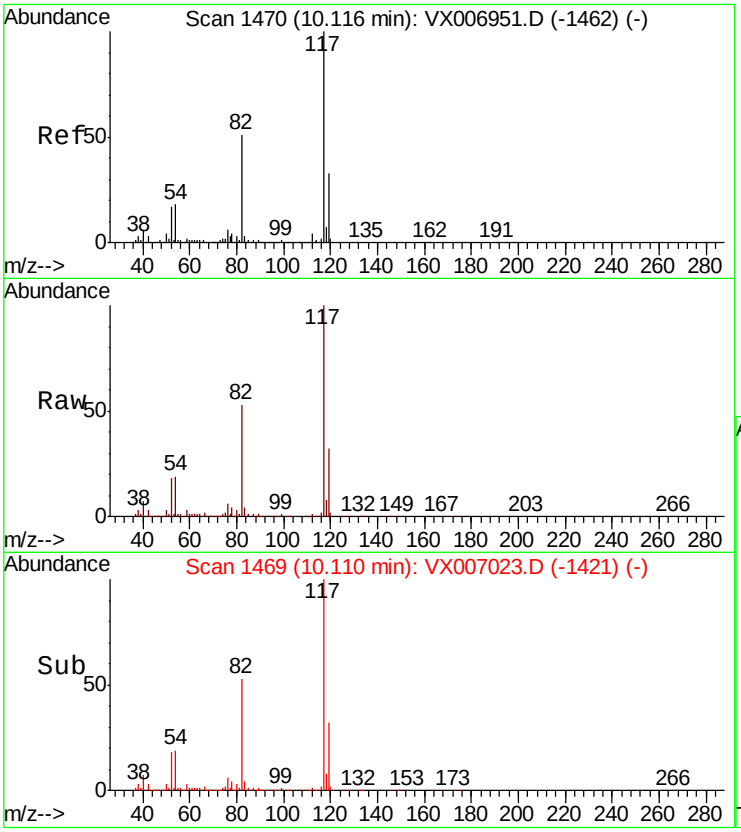


#62
4-Bromofluorobenzene
Concen: 53.121 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 95 Resp: 363657

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	182.2
176	89.0	0.0	178.8



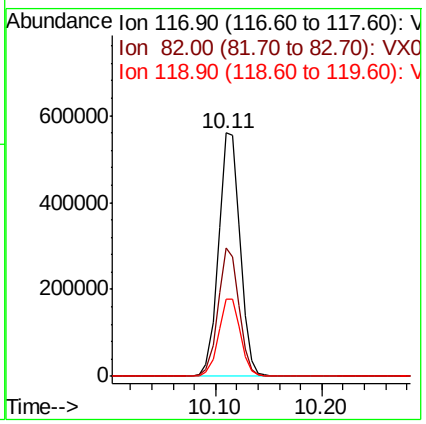


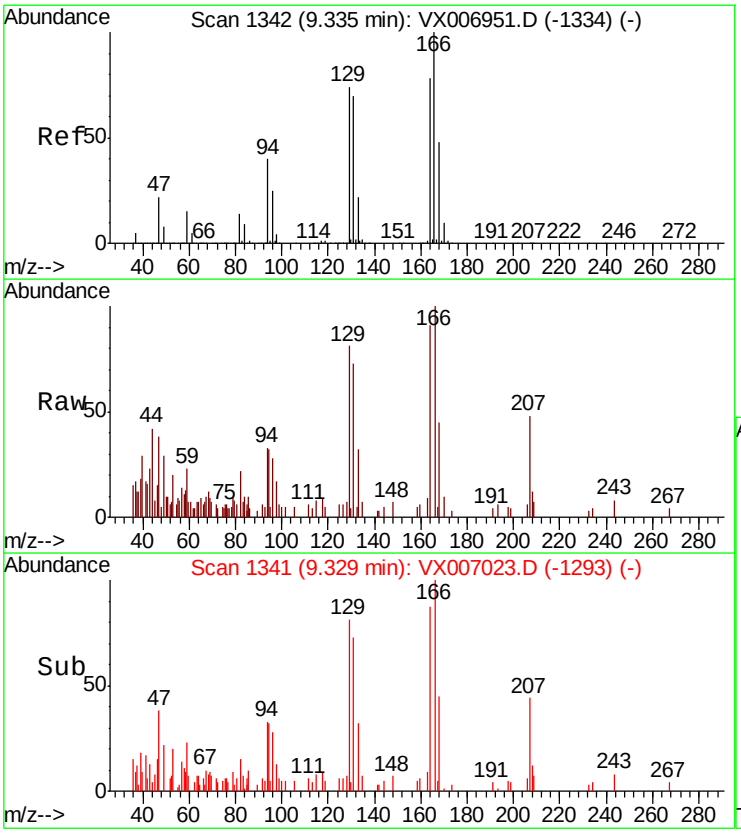
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion:117 Resp: 789633

Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.0	61.6
119	31.6	25.4	38.0

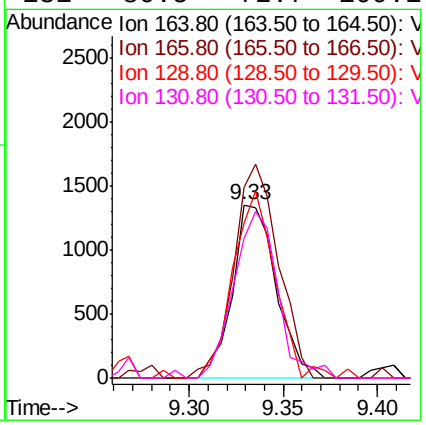


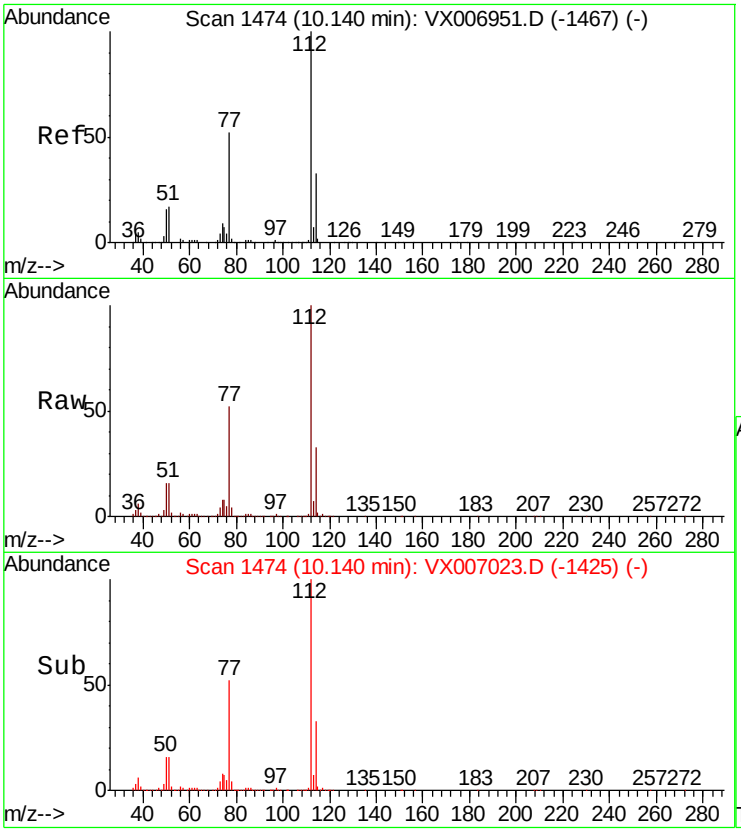


#64
Tetrachloroethene
Concen: 0.320 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion:164 Resp: 2185

Ion	Ratio	Lower	Upper
164	100		
166	110.0	102.5	153.7
129	89.1	75.1	112.7
131	80.5	72.7	109.1



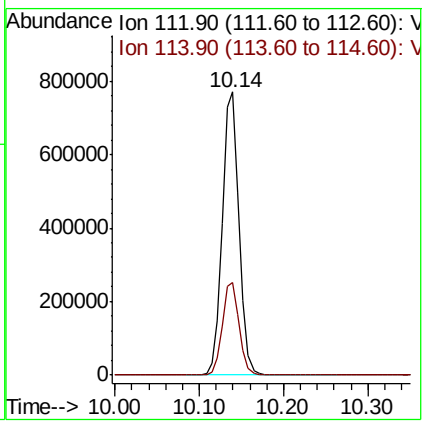


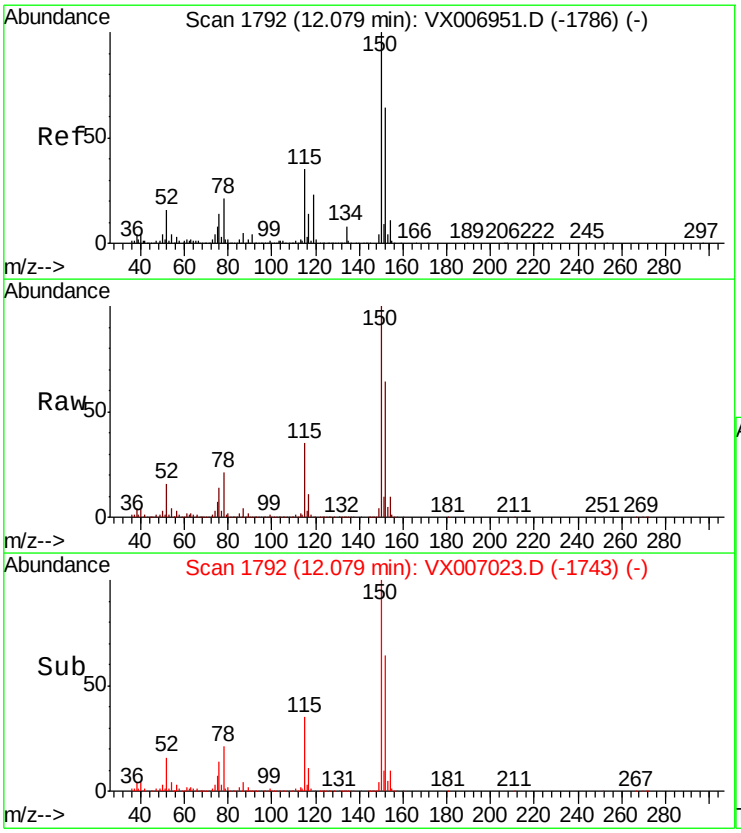
#65
Chlorobenzene
Concen: 61.147 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion:112 Resp: 1053093

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.7	38.5

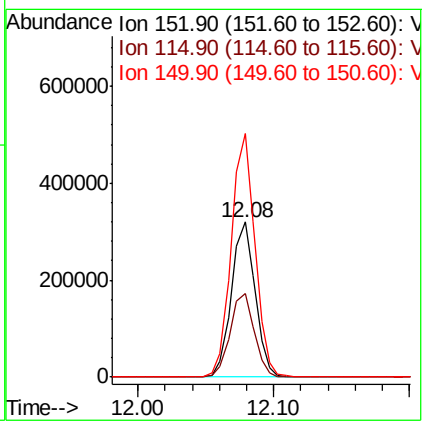


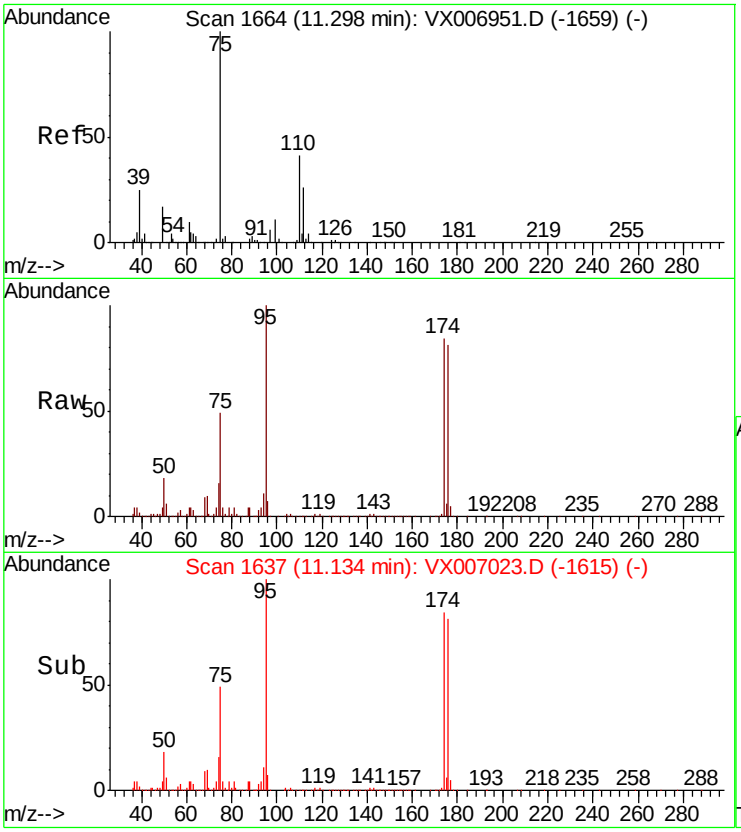


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion:152 Resp: 388154

Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.1	117.2
150	156.1	0.0	344.8



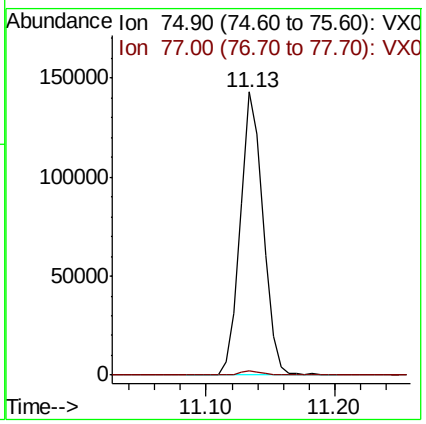


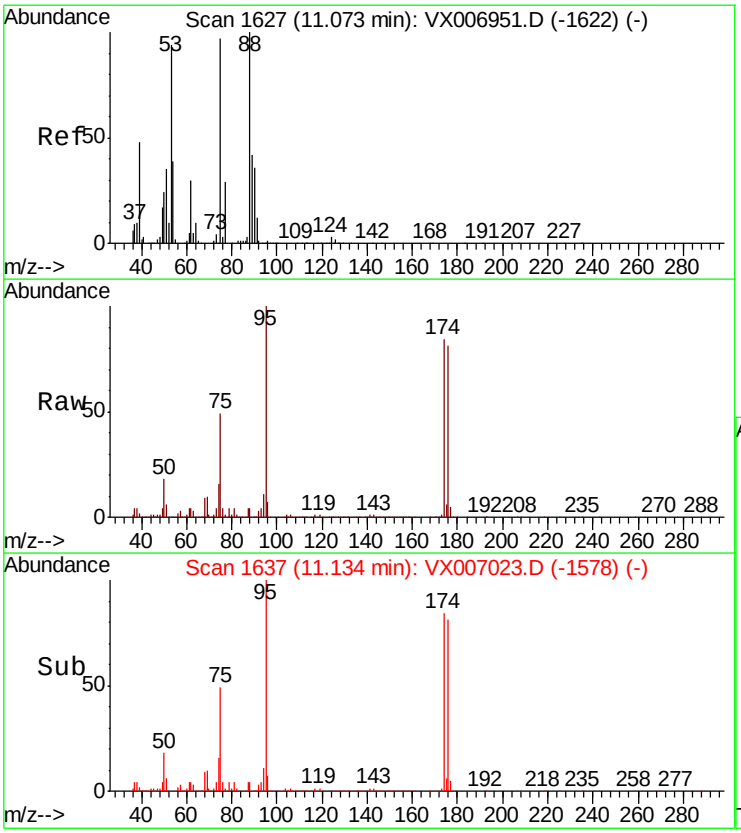
#76
1,2,3-Trichloropropane
Concen: 22.221 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion: 75 Resp: 174785

Ion	Ratio	Lower	Upper
75	100		
77	1.5	18.5	55.5#

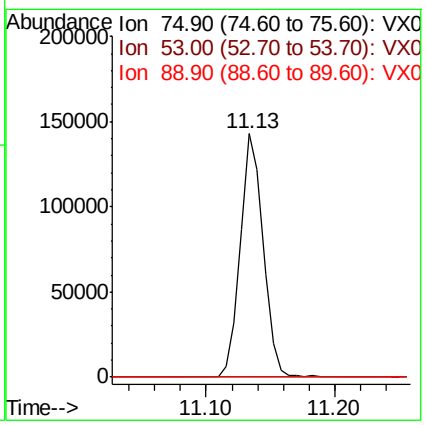


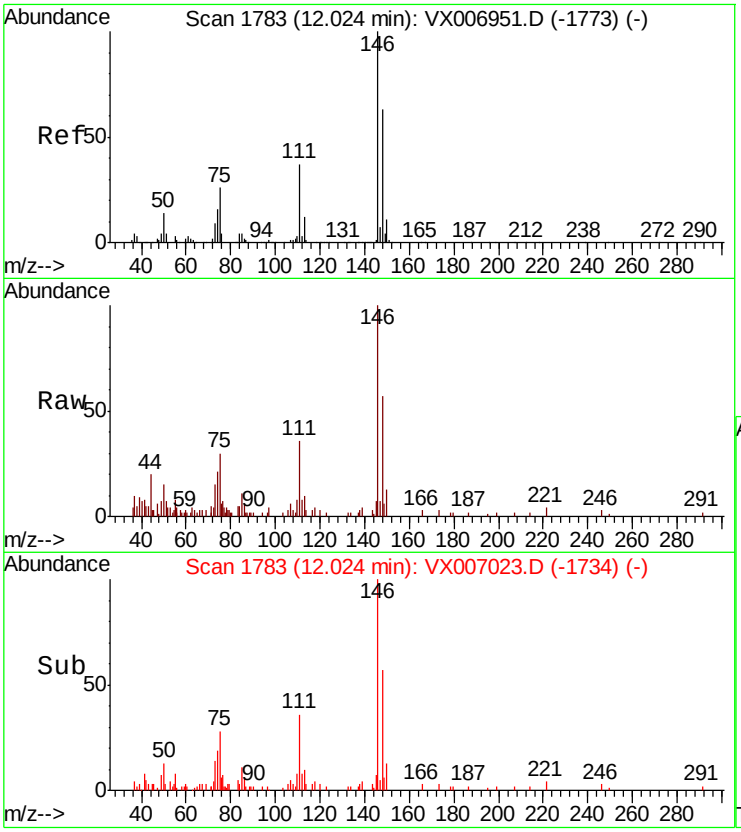


#81
trans-1,4-Dichloro-2-butene
Concen: 65.769 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion: 75 Resp: 174785

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.7	119.5#
89	0.1	38.0	57.0#



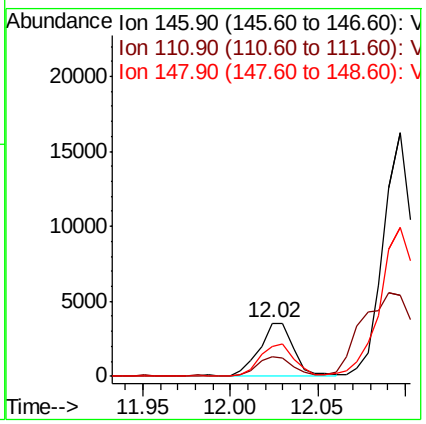


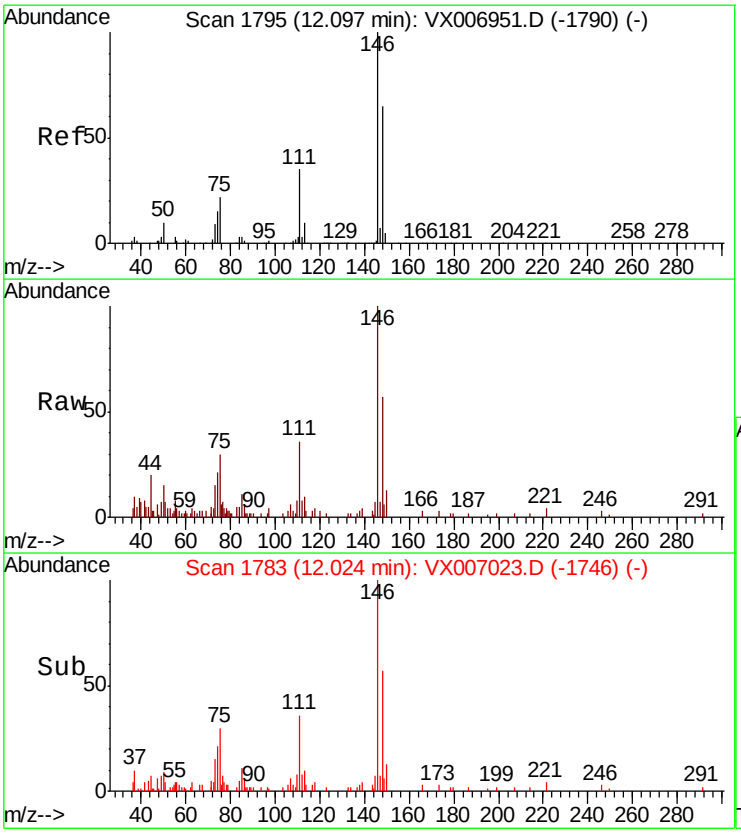
#87
1,3-Dichlorobenzene
Concen: 0.357 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion:146 Resp: 4865

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	61.4	31.8	95.3

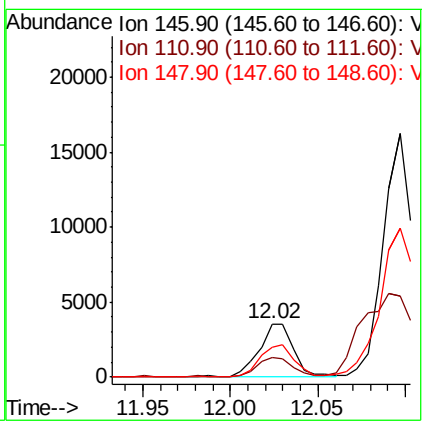


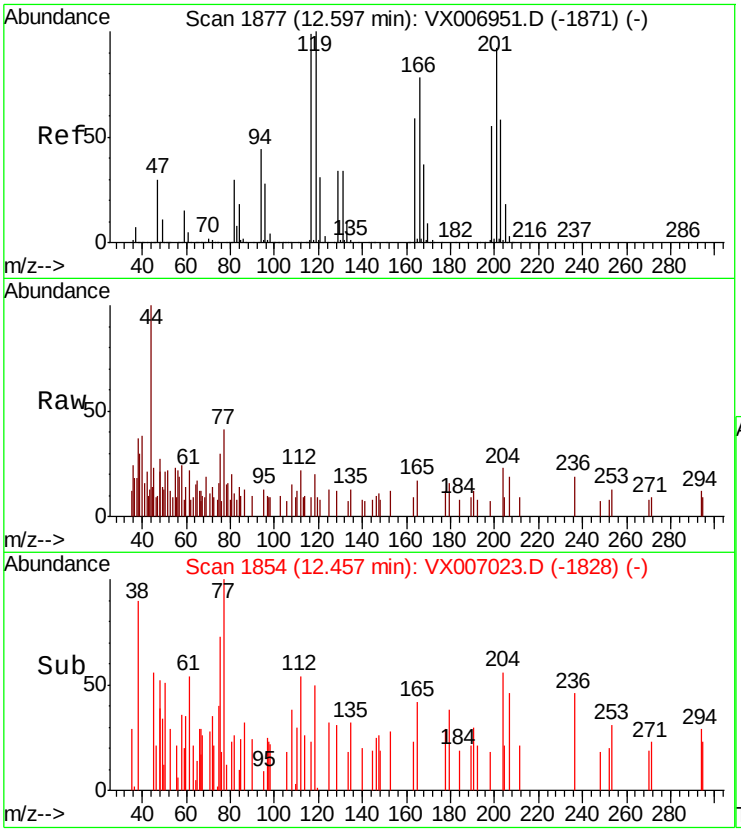


#88
1,4-Dichlorobenzene
Concen: 0.521 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.07 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion:146 Resp: 4865

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	61.4	31.9	95.9



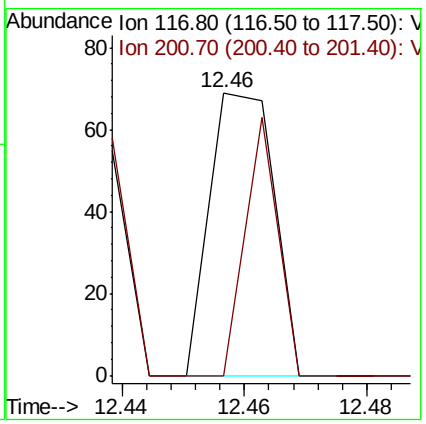


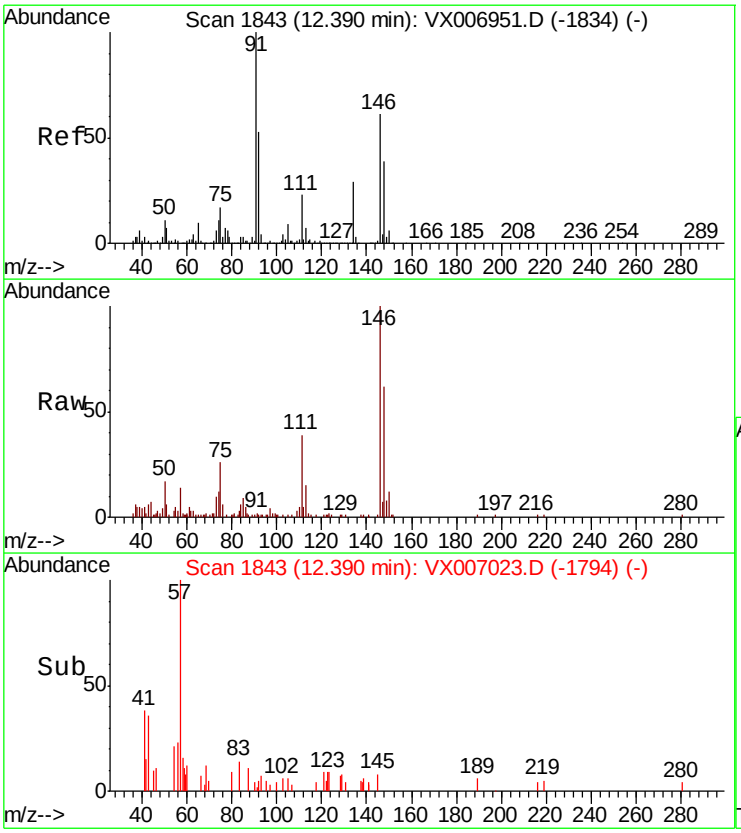
#90
Hexachloroethane
Concen: 2.920 ug/l
RT: 12.46 min Scan# 1854
Delta R.T. -0.14 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190109

Tgt Ion:117 Resp: 50

Ion	Ratio	Lower	Upper
117	100		
201	46.0	42.9	128.7





#91
1,2-Dichlorobenzene
Concen: 1.000 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007023.D
Acq: 11 Jan 2019 19:29

Tgt Ion:146 Resp: 13458

Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.4	58.2
148	61.7	32.3	96.9