Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012219\
Data File : VX007180.D
Acq On : 22 Jan 2019 14:35
Operator : JC/SP
Sample : K1214-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-TW527-4246

Quant Time: Jan 23 00:04:29 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	528918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	815095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	760647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	374337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	286651	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.72%			
35) Dibromofluoromethane	5.50	113	258828	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.18%			
50) Toluene-d8	8.71	98	971079	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.66%			
62) 4-Bromofluorobenzene	11.13	95	346531	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.04%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1114	0.220	ug/l #	58
6) Chloroethane	1.73	64	48205	12.693	ug/l	99
11) Tert butyl alcohol	3.10	59	297	0.228	ug/l #	72
12) 1,1-Dichloroethene	2.38	96	31412	6.462	ug/l	97
13) Acrolein	2.31	56	133	3.318	ug/l #	1
16) Acetone	2.45	43	1786	0.654	ug/l #	78
18) Methyl Acetate	2.78	43	3496	0.442	ug/l #	88
19) Methyl tert-butyl Ether	3.20	73	3958	0.235	ug/l	98
20) Methylene Chloride	2.85	84	754	Below Cal	#	67
24) 1,1-Dichloroethane	3.70	63	1255301	143.334	ug/l	99
29) Tetrahydrofuran	5.14	42	557	0.219	ug/l #	60
31) Cyclohexane	5.67	56	8413	1.079	ug/l #	20
32) 1,1,1-Trichloroethane	5.49	97	87655	11.278	ug/l	97
36) 1,1-Dichloropropene	5.67	75	34248	4.833	ug/l #	50
38) Carbon Tetrachloride	5.67	117	48543	6.808	ug/l #	14
40) Benzene	6.15	78	5017	0.232	ug/l #	82
49) 1,4-Dioxane	7.74	88	119	Below Cal	#	1
52) Toluene	8.78	92	3859	0.278	ug/l	93
76) 1,2,3-Trichloropropane	11.13	75	166016	21.885	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	166016	64.832	ug/l #	10
85) sec-Butylbenzene	11.94	105	6327	0.241	ug/l	80
88) 1,4-Dichlorobenzene	12.10	146	7382	0.736	ug/l #	34
90) Hexachloroethane	12.57	117	117	2.938	ug/l #	24
91) 1,2-Dichlorobenzene	12.39	146	3368	0.260	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	1996	0.224	ug/l	82

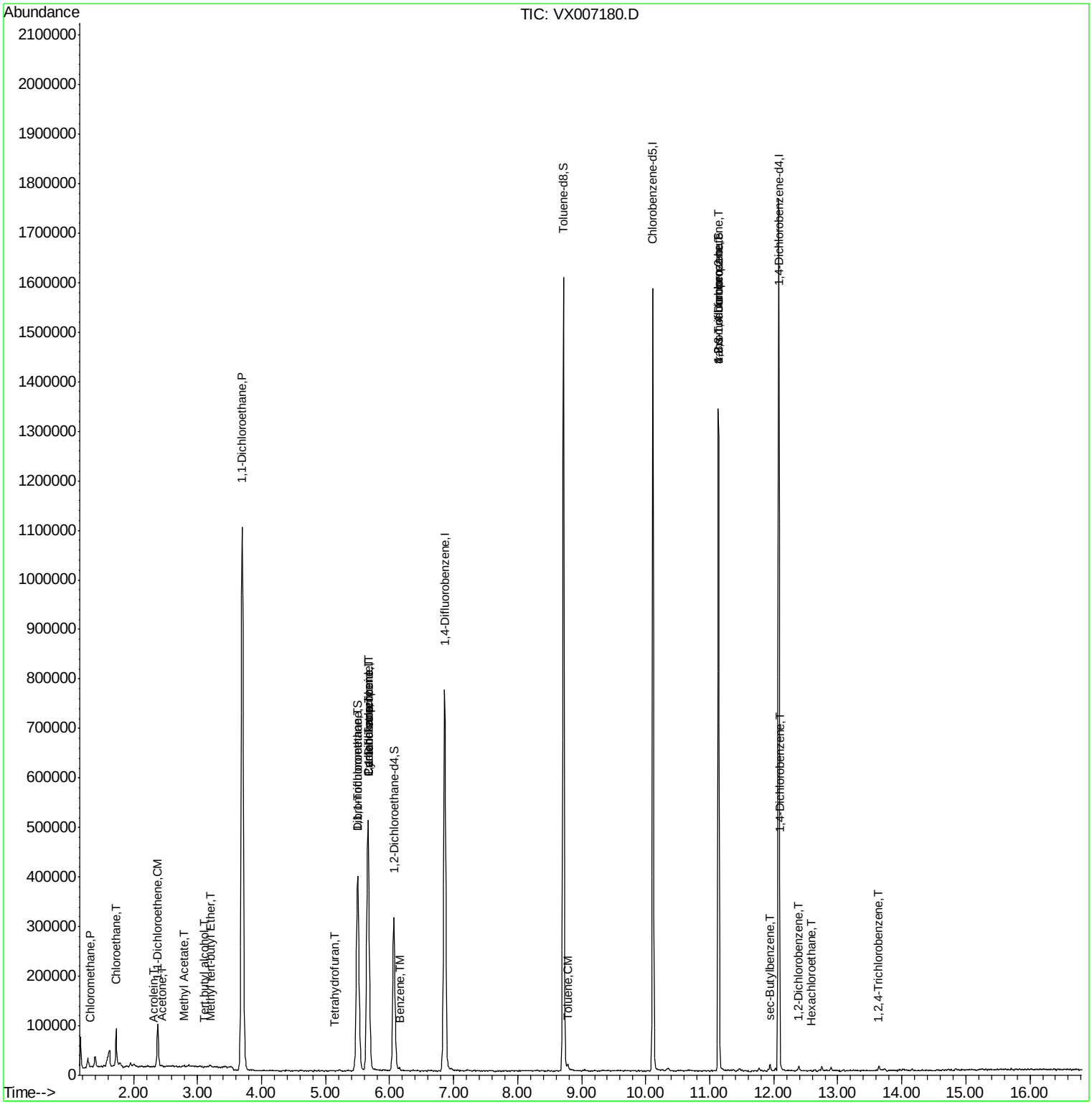
(#) = qualifier out of range (m) = manual integration (+) = signals summed

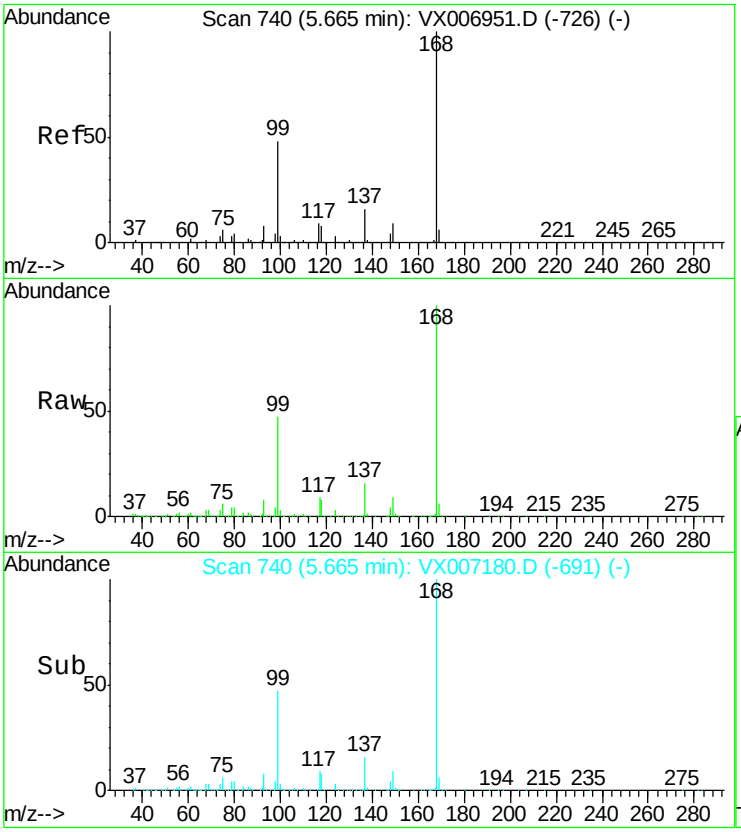
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
Data File : VX007180.D
Acq On : 22 Jan 2019 14:35
Operator : JC/SP
Sample : K1214-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Quant Time: Jan 23 00:04:29 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



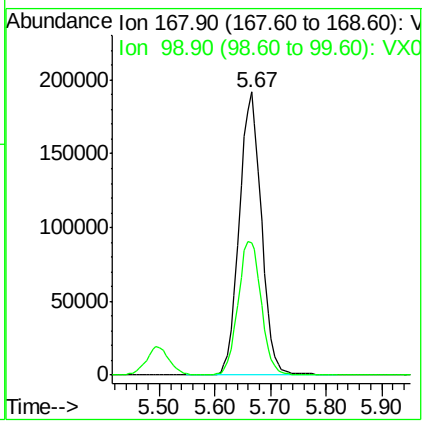


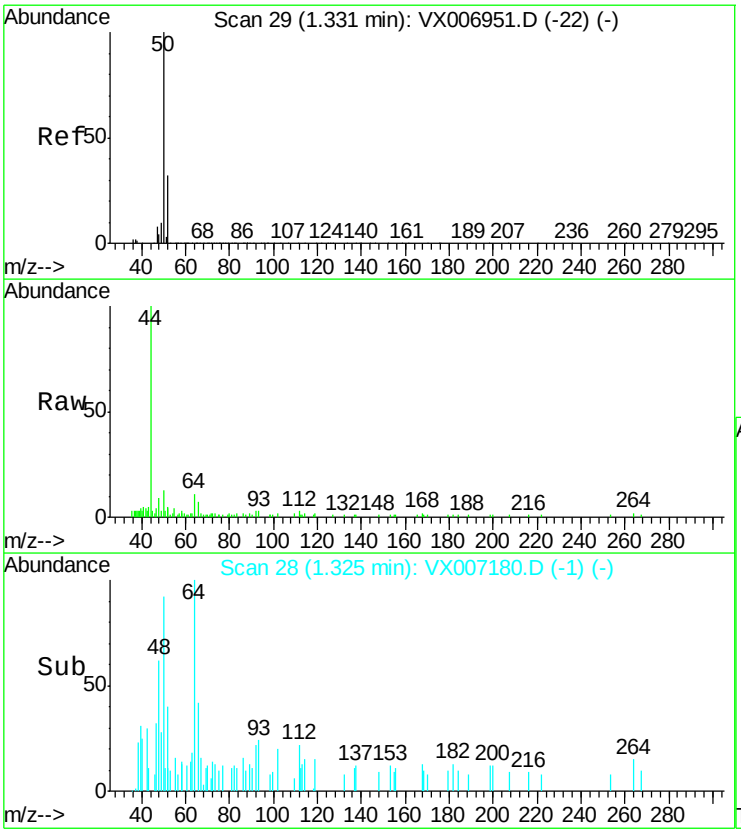
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion:168 Resp: 528918

Ion	Ratio	Lower	Upper
168	100		
99	46.4	41.8	62.8

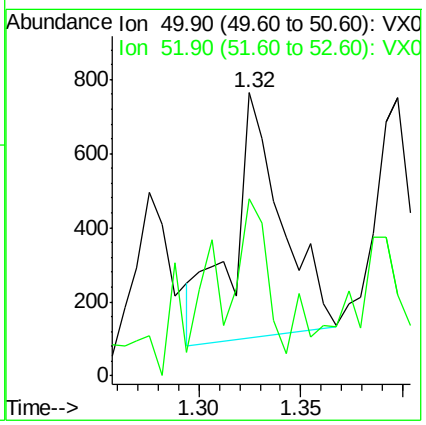


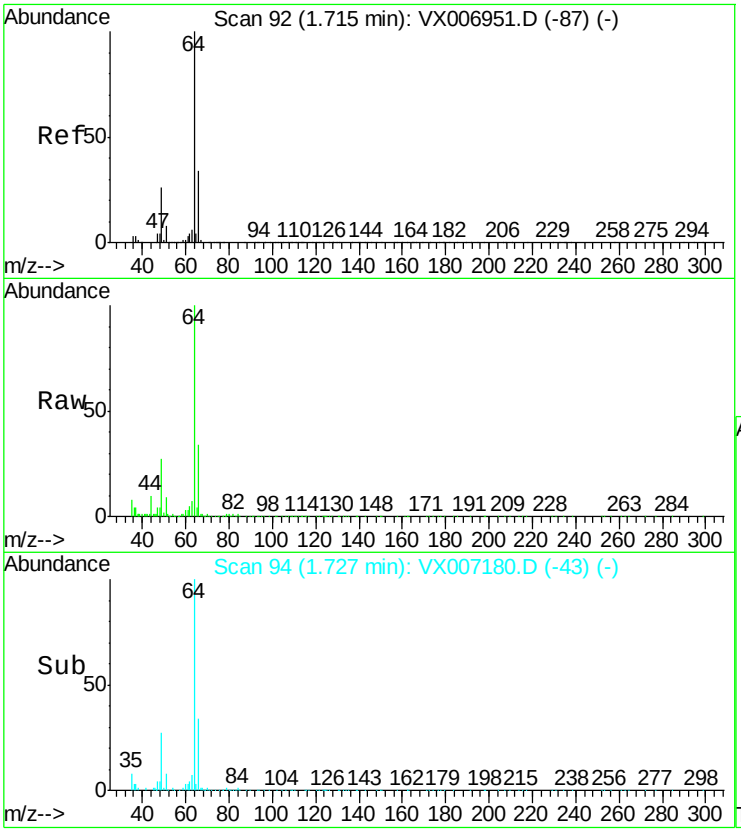


#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 50 Resp: 1114

Ion	Ratio	Lower	Upper
50	100		
52	54.9	25.4	38.2#



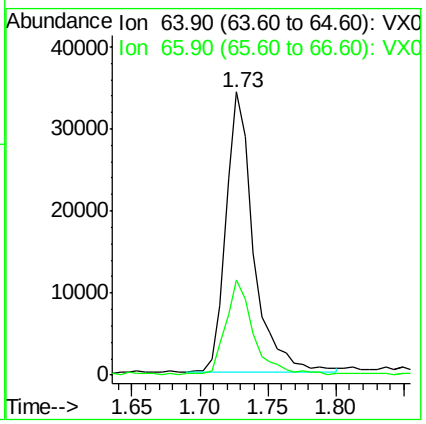


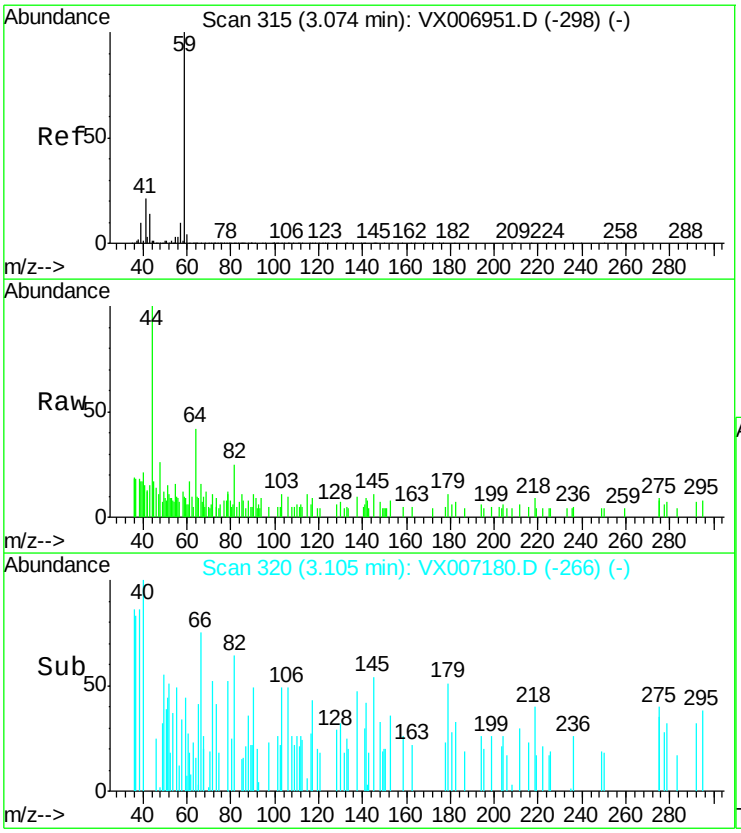
#6
Chloroethane
Concen: 12.693 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion: 64 Resp: 48205

Ion	Ratio	Lower	Upper
64	100		
66	33.4	26.4	39.6

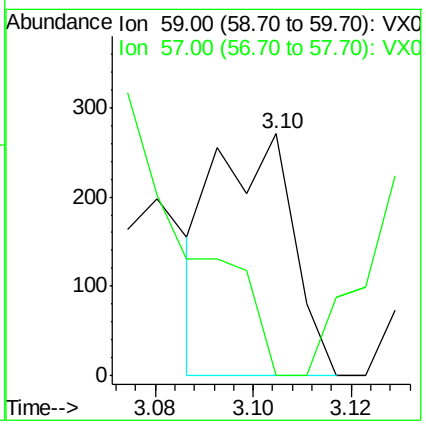


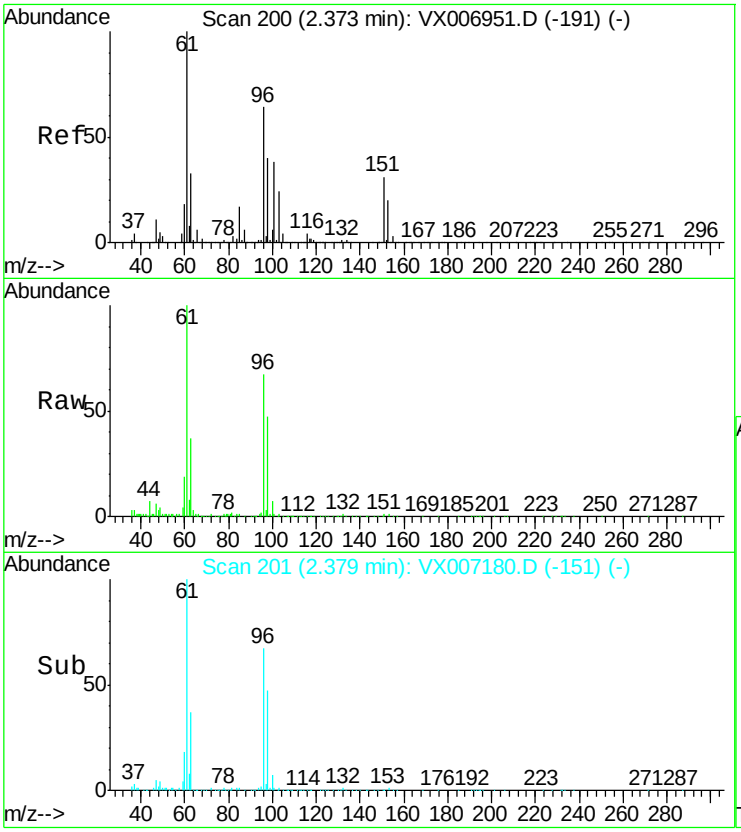


#11
Tert butyl alcohol
Concen: 0.228 ug/l
RT: 3.10 min Scan# 320
Delta R.T. 0.03 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 59 Resp: 297

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



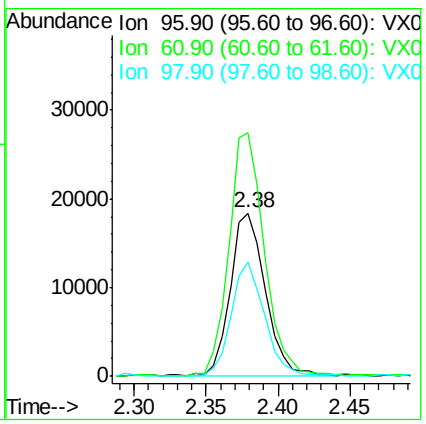


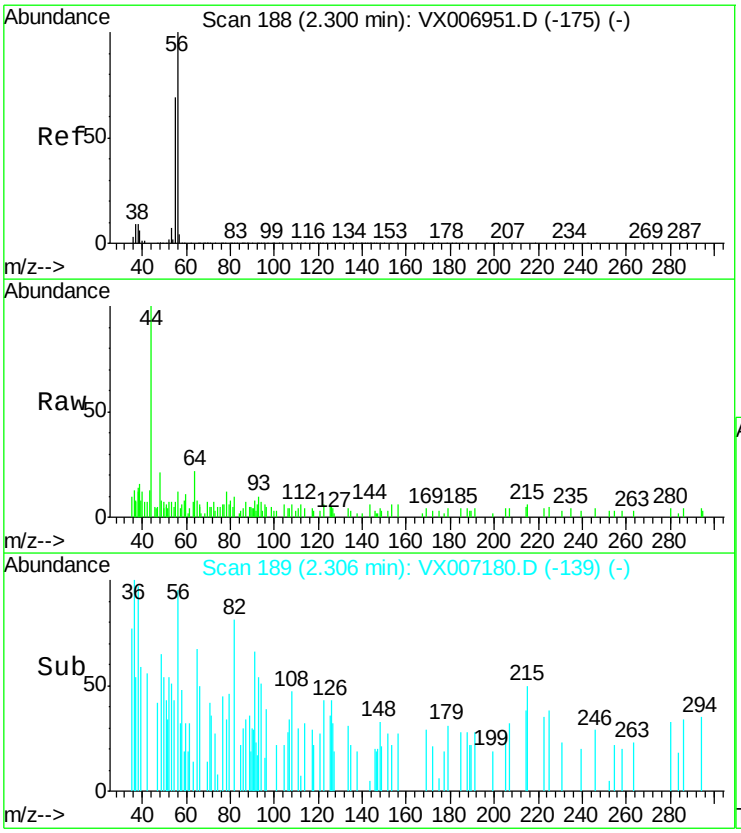
#12
1,1-Dichloroethene
Concen: 6.462 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion: 96 Resp: 31412

Ion	Ratio	Lower	Upper
96	100		
61	149.3	121.4	182.2
98	69.5	51.9	77.9

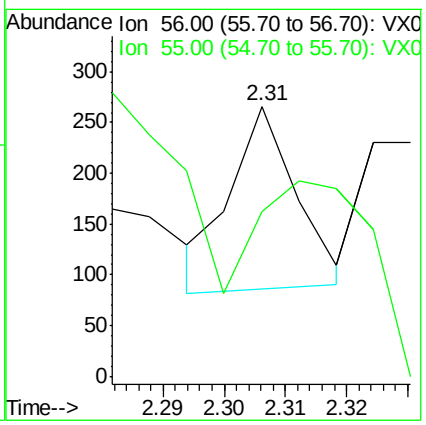


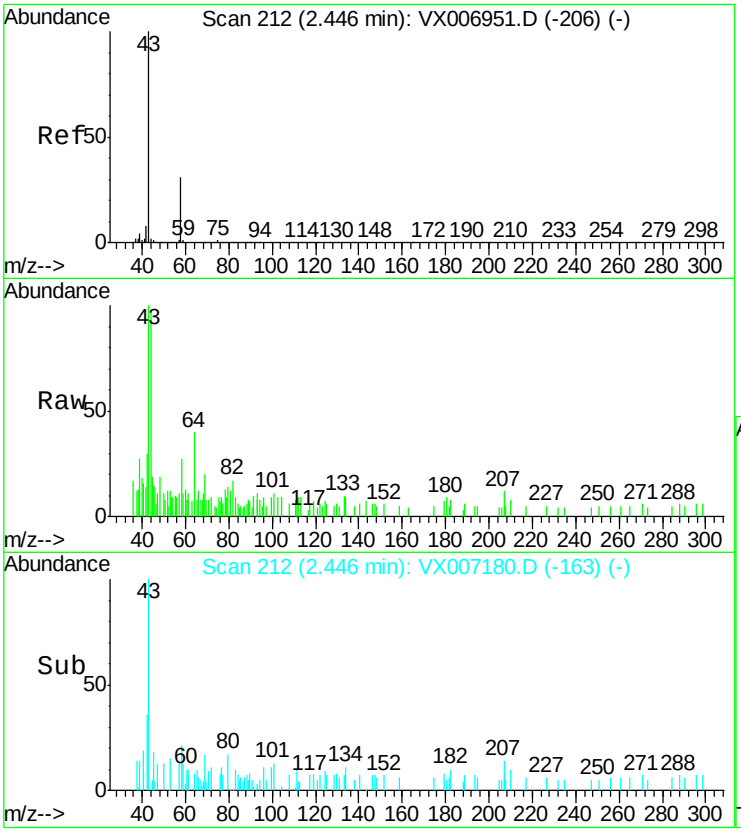


#13
Acrolein
Concen: 3.318 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 56 Resp: 133

Ion	Ratio	Lower	Upper
56	100		
55	188.0	58.2	87.4#



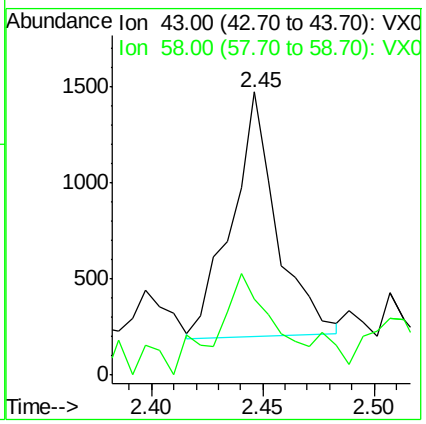


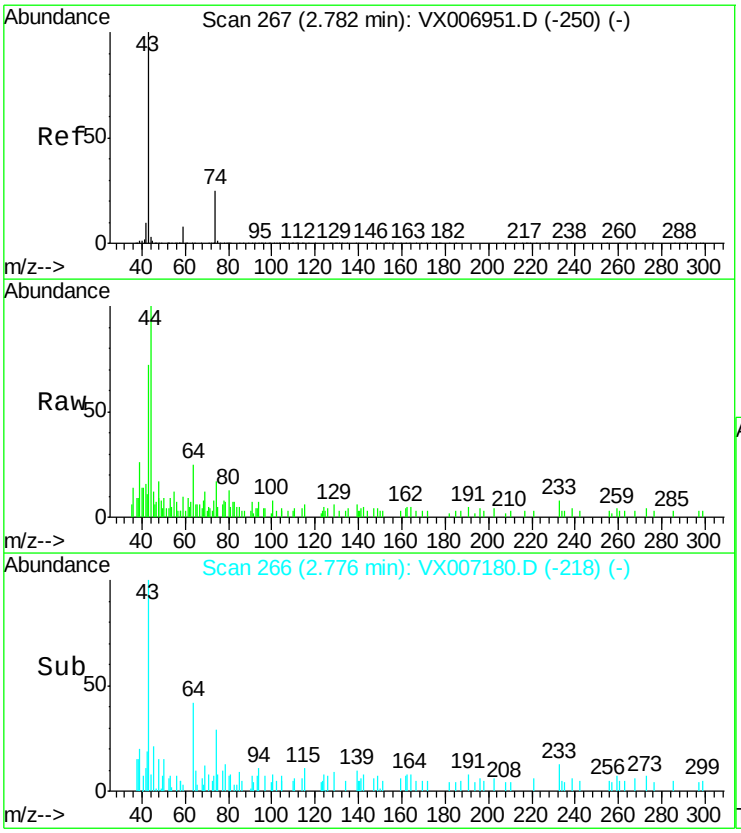
#16
Acetone
Concen: 0.654 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion: 43 Resp: 1786

Ion	Ratio	Lower	Upper
43	100		
58	19.1	25.0	37.6#

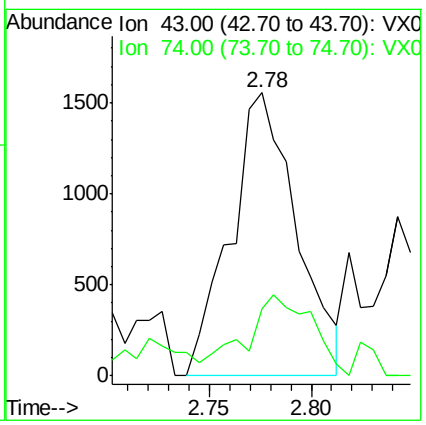


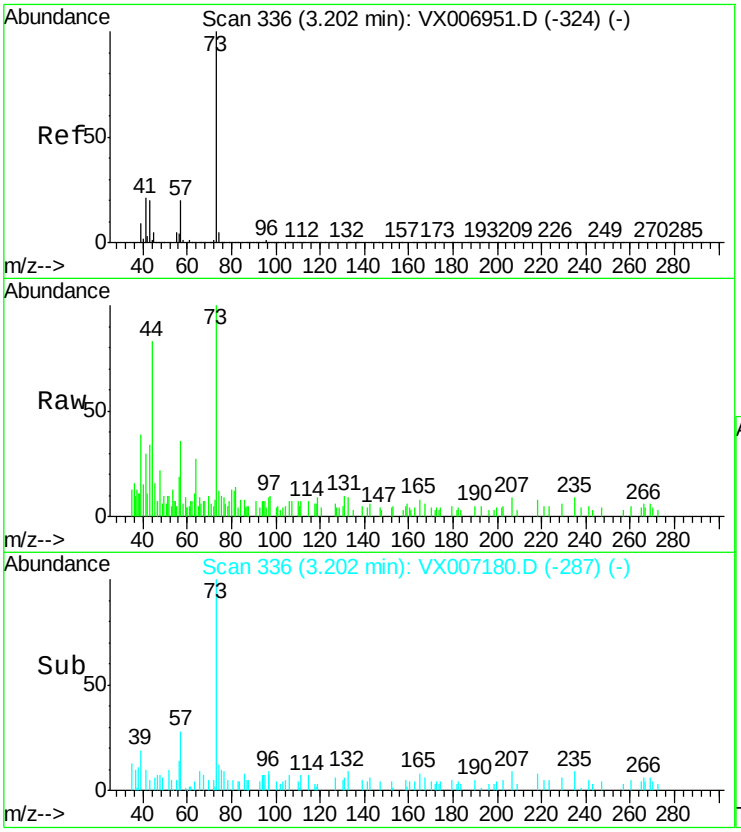


#18
Methyl Acetate
Concen: 0.442 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 43 Resp: 3496

Ion	Ratio	Lower	Upper
43	100		
74	29.1	18.6	28.0#



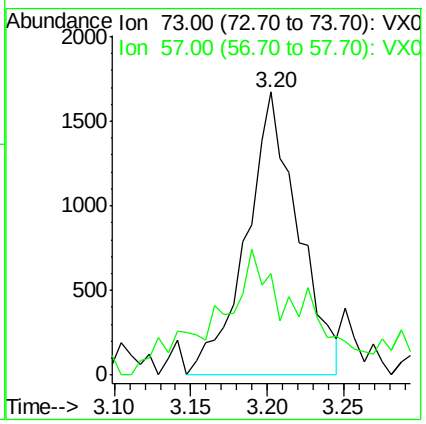


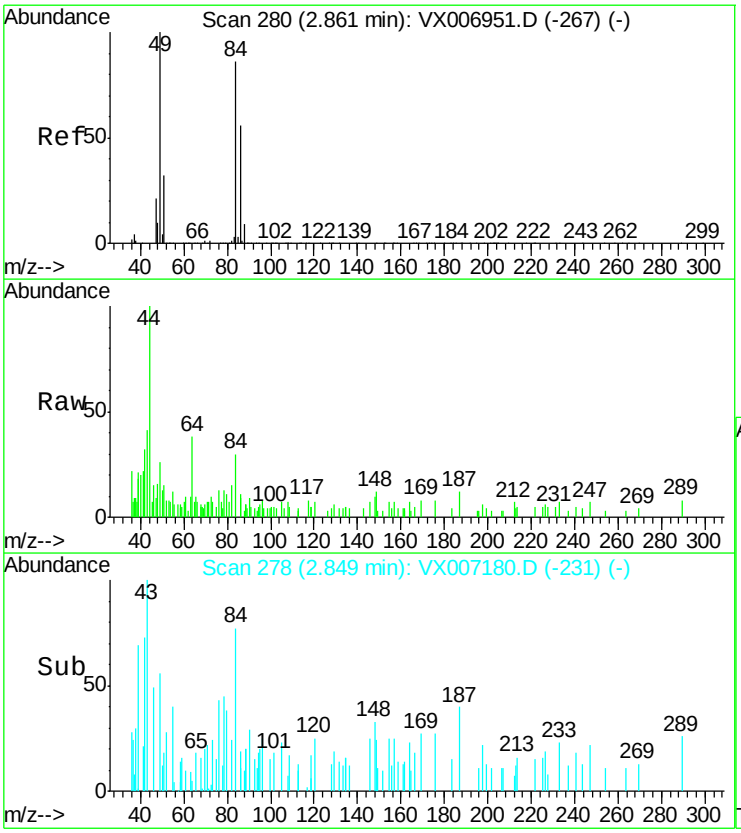
#19
Methyl tert-butyl Ether
Concen: 0.235 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion: 73 Resp: 3958

Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.8	25.2

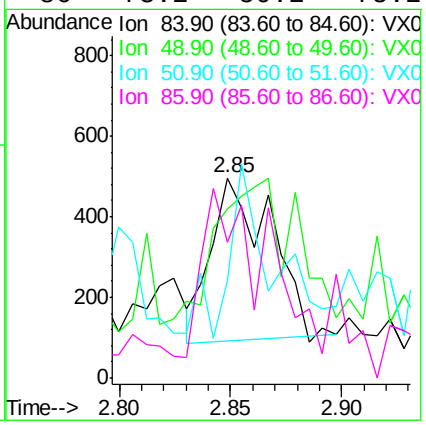


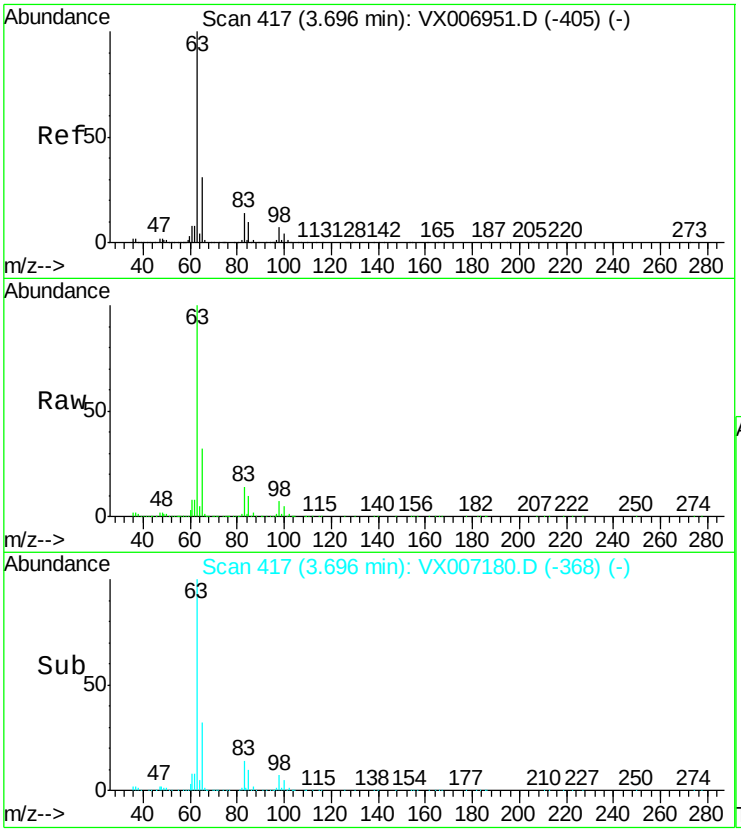


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 84 Resp: 754

Ion	Ratio	Lower	Upper
84	100		
49	58.8	91.8	137.6#
51	33.0	28.5	42.7
86	73.2	50.2	75.2



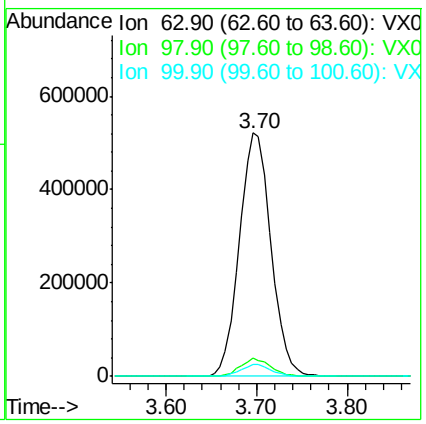


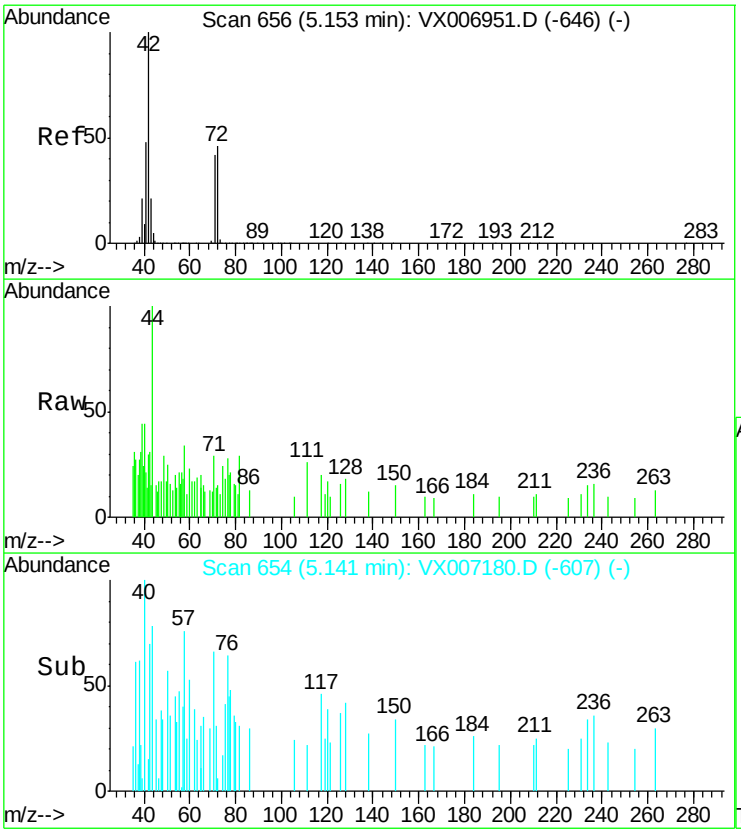
#24
1,1-Dichloroethane
Concen: 143.334 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion: 63 Resp: 1255301

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.9	11.5
100	4.8	2.4	7.2

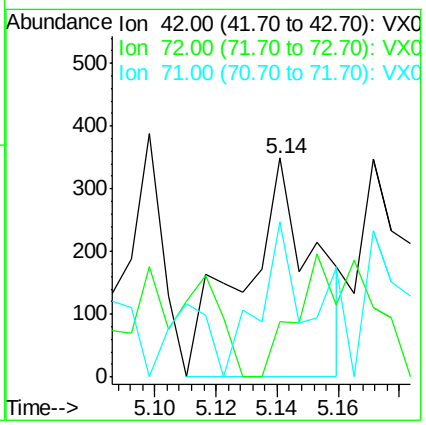


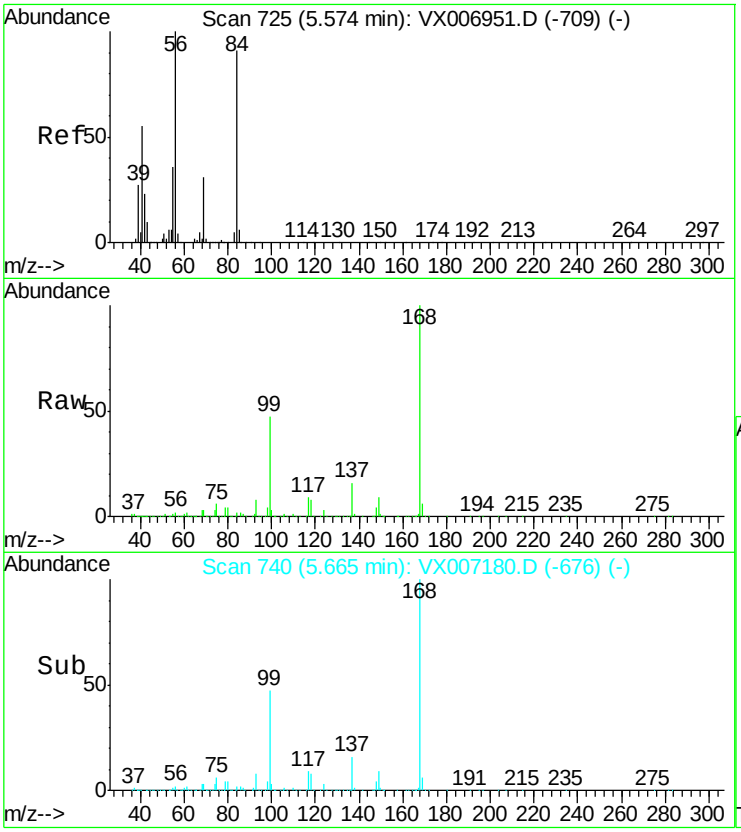


#29
Tetrahydrofuran
Concen: 0.219 ug/l
RT: 5.14 min Scan# 654
Delta R.T. -0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 42 Resp: 557

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.9	58.3#
71	40.9	36.2	54.4



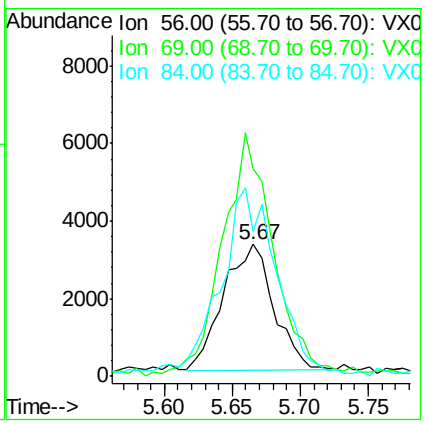


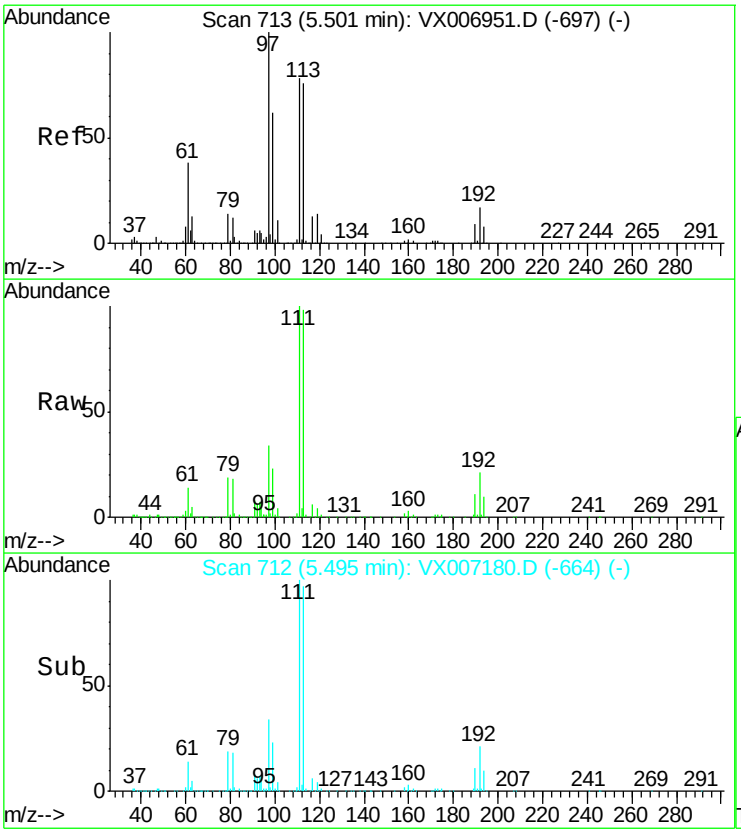
#31
Cyclohexane
Concen: 1.079 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion: 56 Resp: 8413

Ion	Ratio	Lower	Upper
56	100		
69	160.5	24.4	36.6#
84	110.8	70.0	105.0#

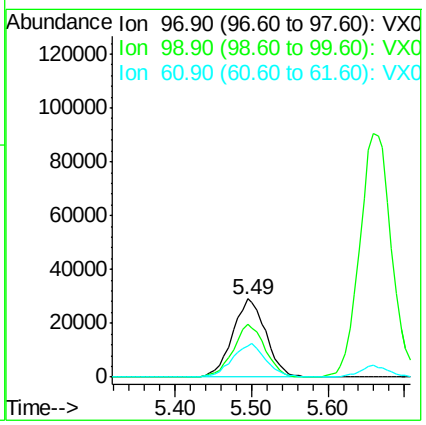


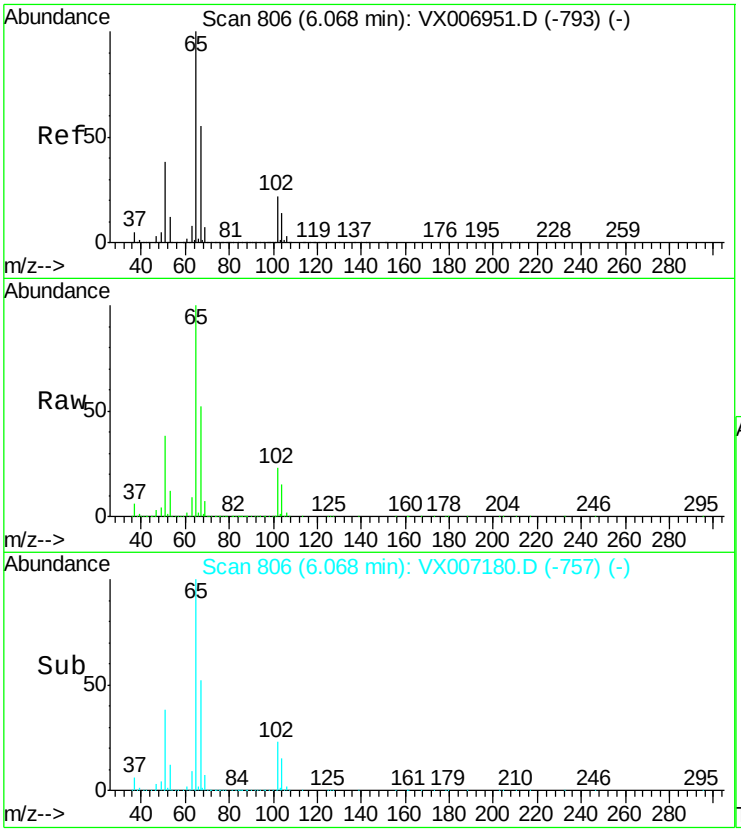


#32
1,1,1-Trichloroethane
Concen: 11.278 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 97 Resp: 87655

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	43.0	31.3	46.9



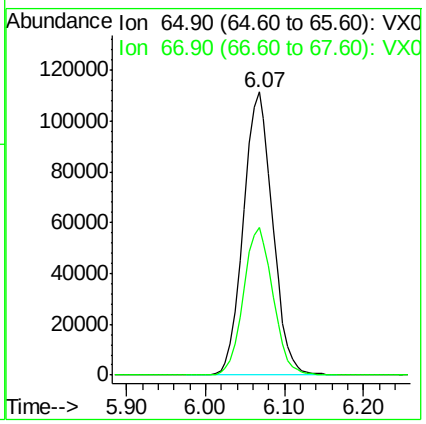


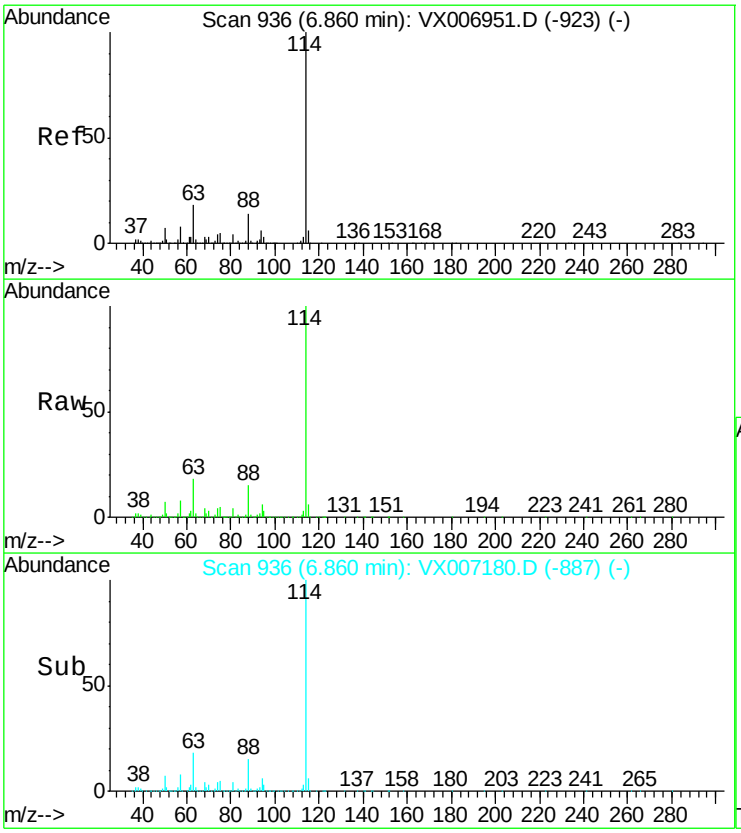
#33
1,2-Dichloroethane-d4
Concen: 51.858 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion: 65 Resp: 286651

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.0

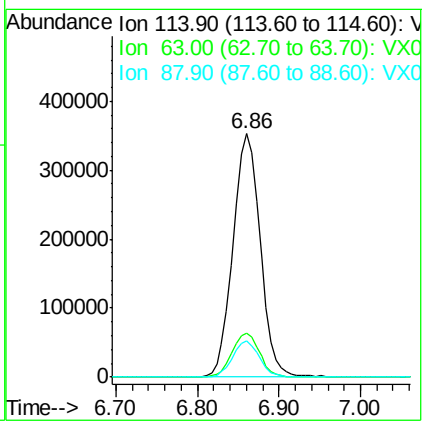


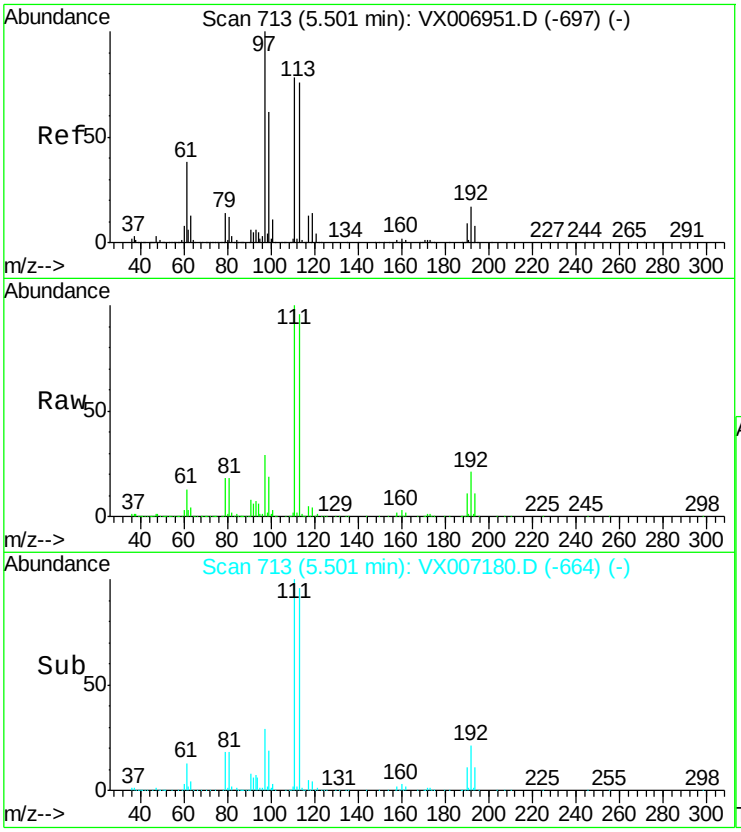


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion:114 Resp: 815095

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.8
88	15.1	0.0	28.8



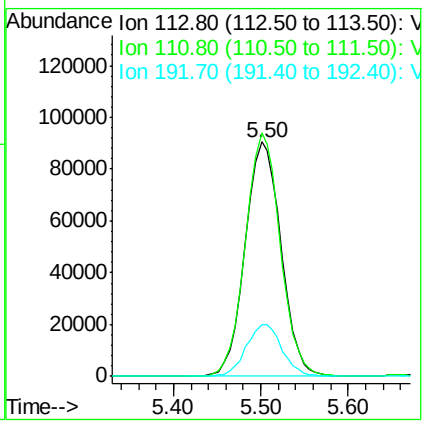


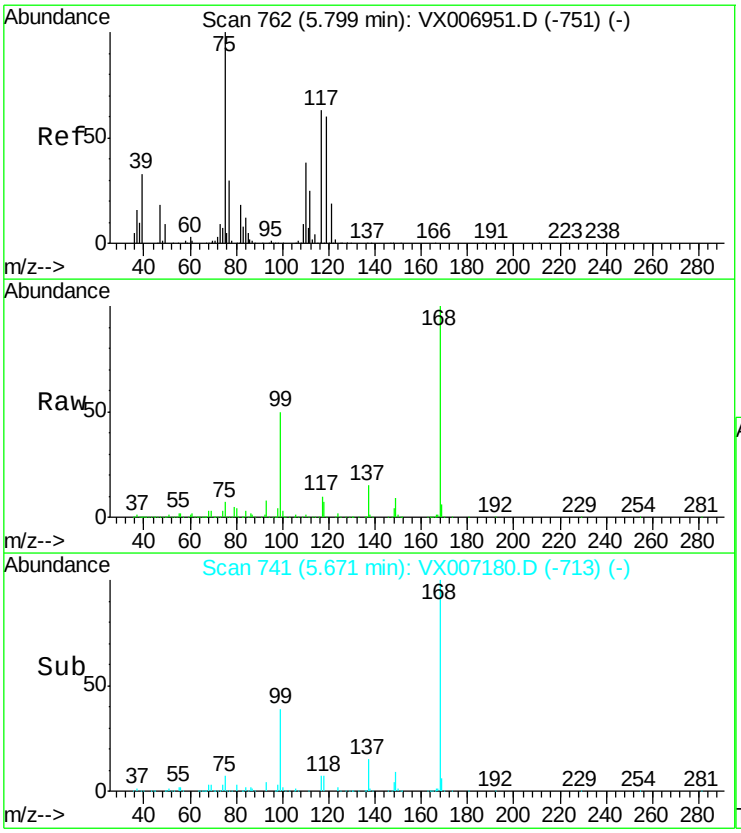
#35
Dibromofluoromethane
Concen: 49.586 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion:113 Resp: 258828

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.6	122.4
192	22.0	16.7	25.1

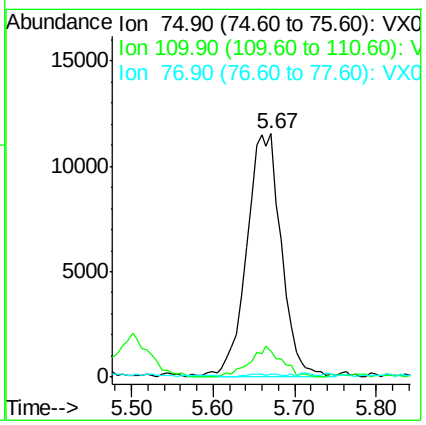


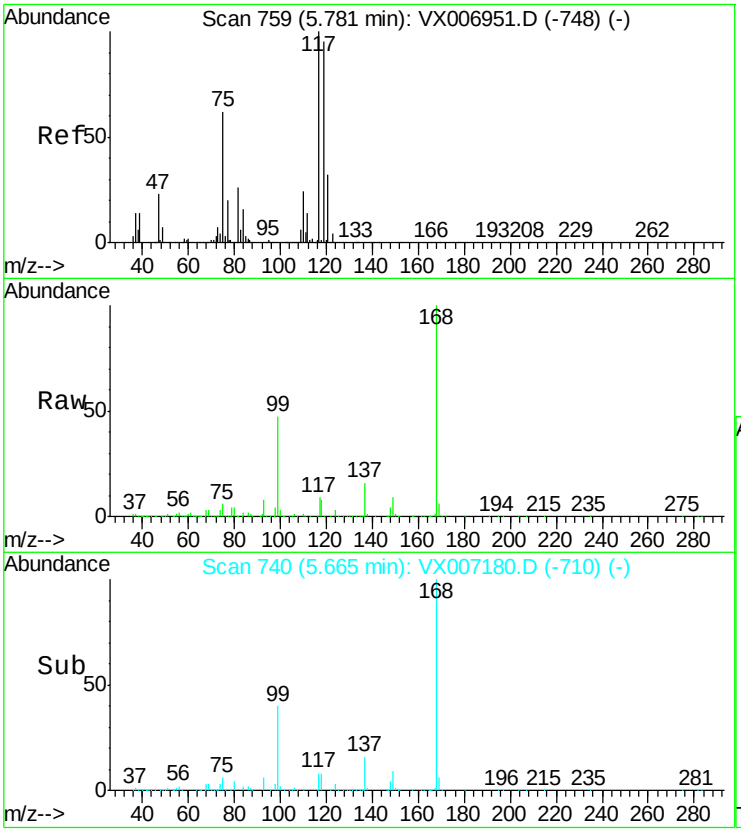


#36
1,1-Dichloropropene
Concen: 4.833 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.13 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 75 Resp: 34248

Ion	Ratio	Lower	Upper
75	100		
110	11.7	20.2	60.5#
77	0.2	24.8	37.2#



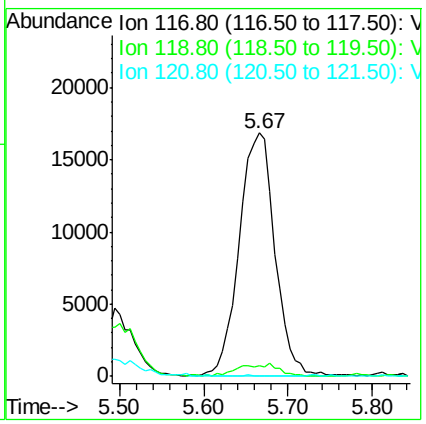


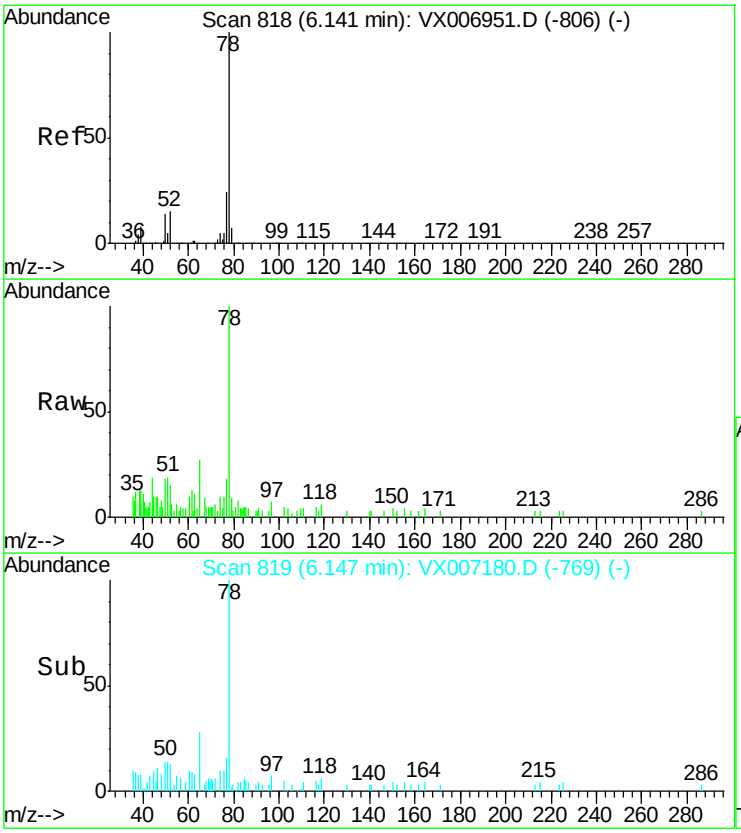
#38
Carbon Tetrachloride
Concen: 6.808 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument : MSVOA_X
ClientSampleId : SA-TW527-4246

Tgt Ion:117 Resp: 48543

Ion	Ratio	Lower	Upper
117	100		
119	4.1	79.4	119.2#
121	0.0	24.0	36.0#

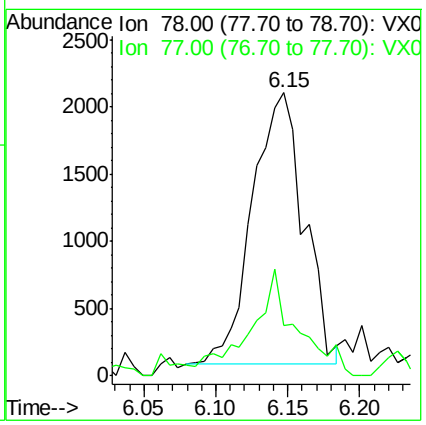


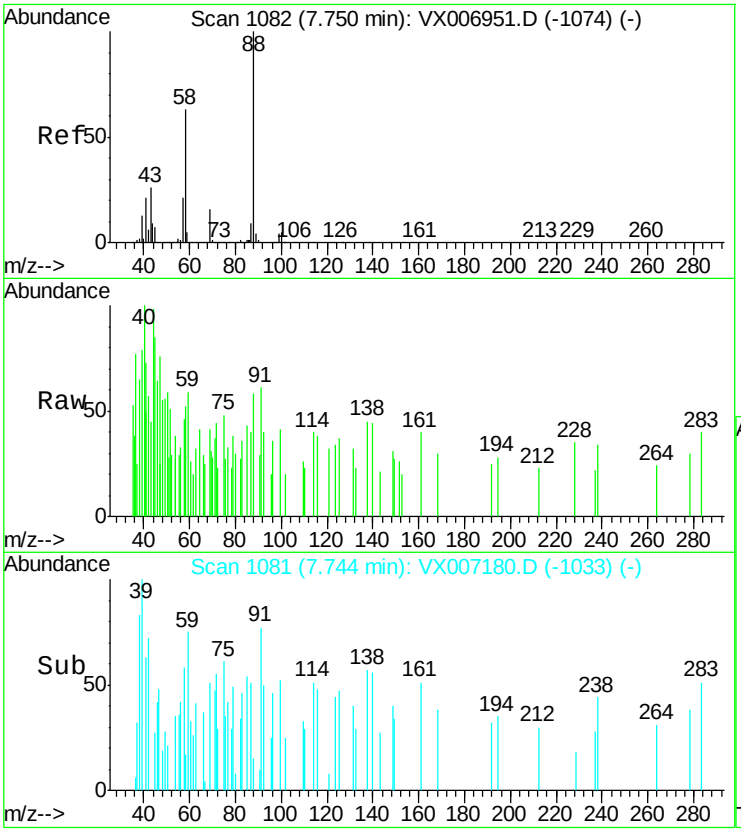


#40
Benzene
Concen: 0.232 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 78 Resp: 5017

Ion	Ratio	Lower	Upper
78	100		
77	14.9	19.2	28.8#



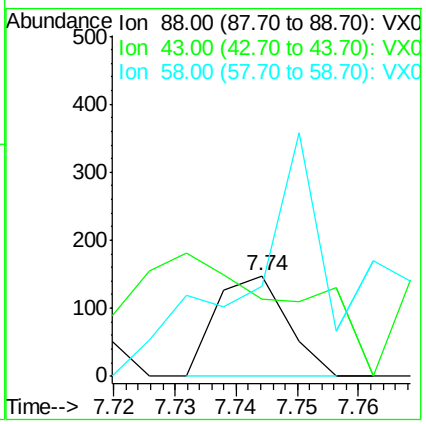


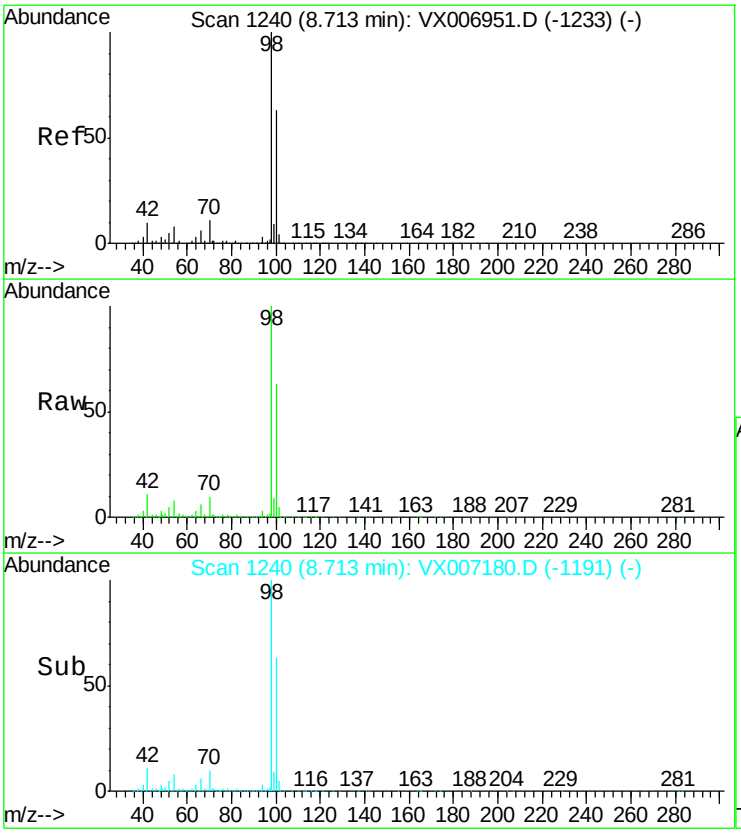
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion: 88 Resp: 119

Ion	Ratio	Lower	Upper
88	100		
43	321.0	22.2	33.4#
58	350.4	51.0	76.4#

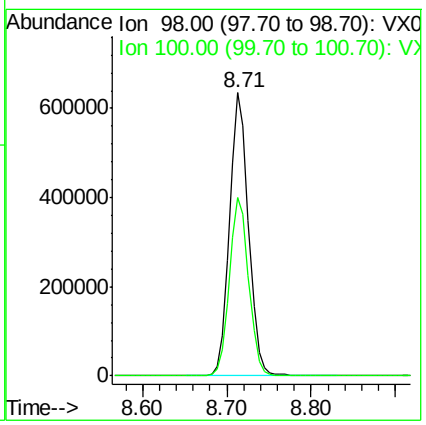


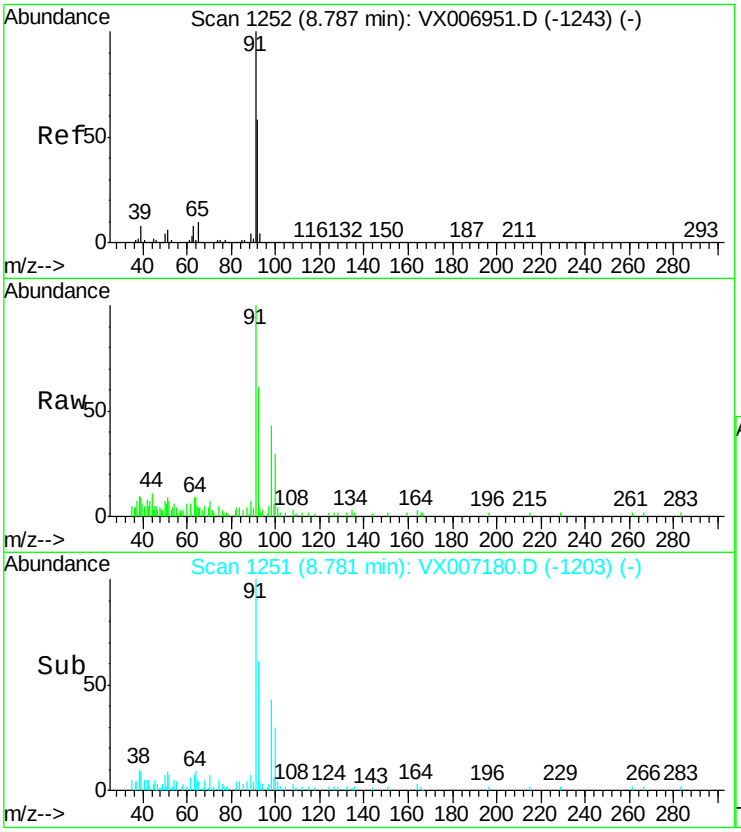


#50
Toluene-d8
Concen: 50.825 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 98 Resp: 971079

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0



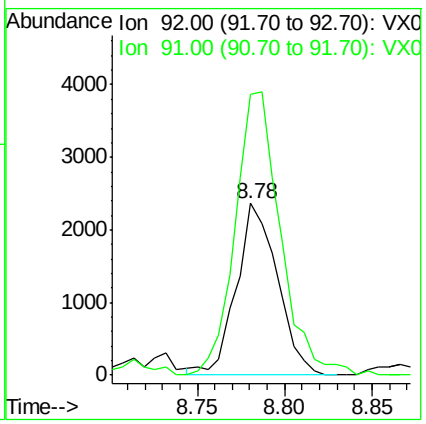


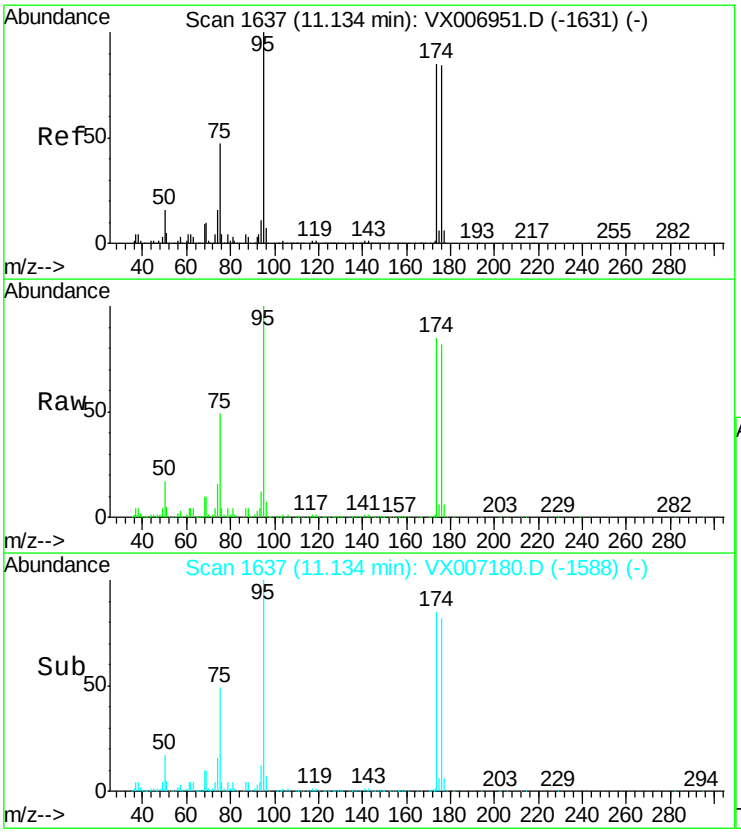
#52
Toluene
Concen: 0.278 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion: 92 Resp: 3859

Ion	Ratio	Lower	Upper
92	100		
91	182.2	137.6	206.4

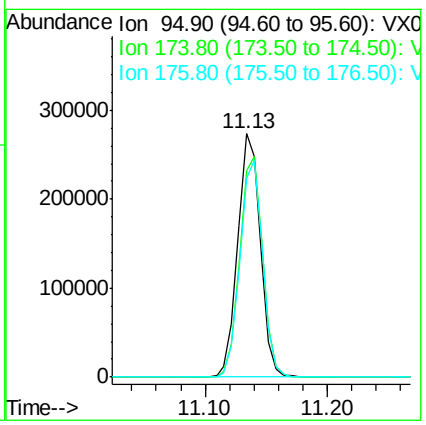


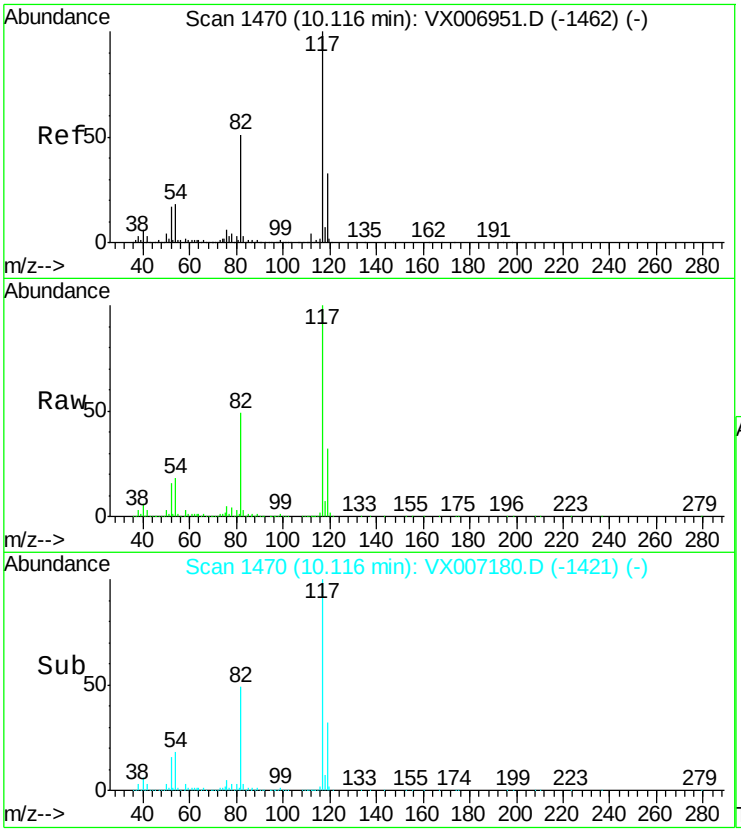


#62
4-Bromofluorobenzene
Concen: 52.025 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 95 Resp: 346531

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	182.2
176	89.7	0.0	178.8



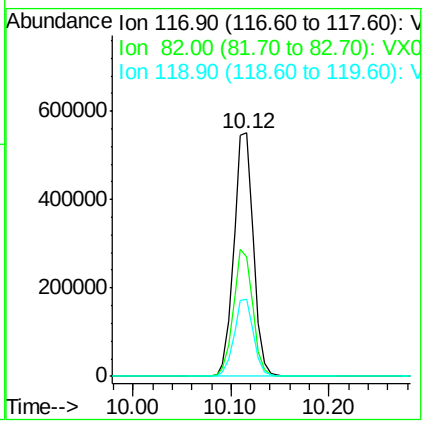


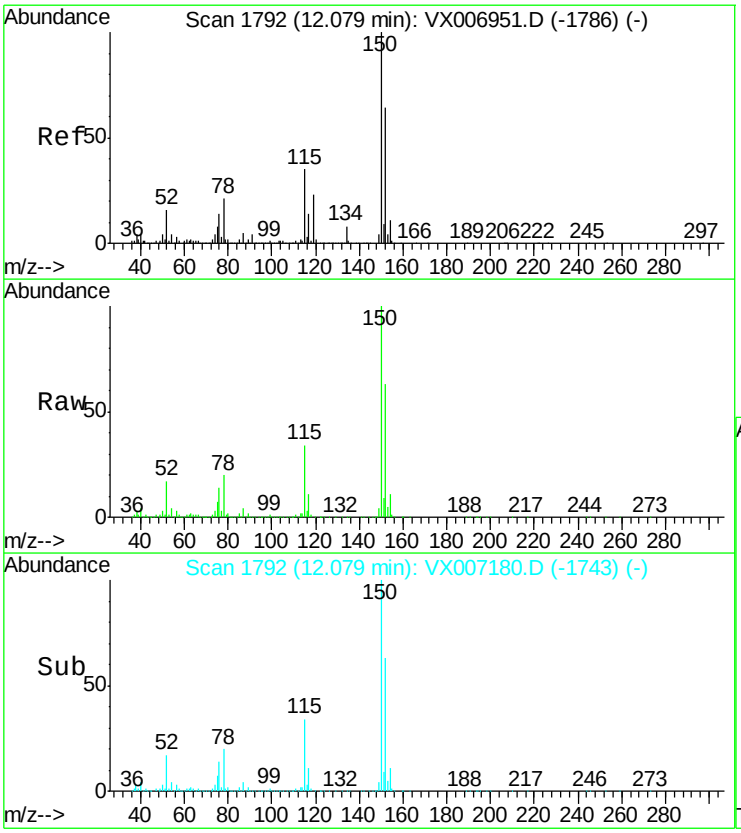
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument : MSVOA_X
ClientSampleId : SA-TW527-4246

Tgt Ion:117 Resp: 760647

Ion	Ratio	Lower	Upper
117	100		
82	49.1	41.0	61.6
119	31.9	25.4	38.0

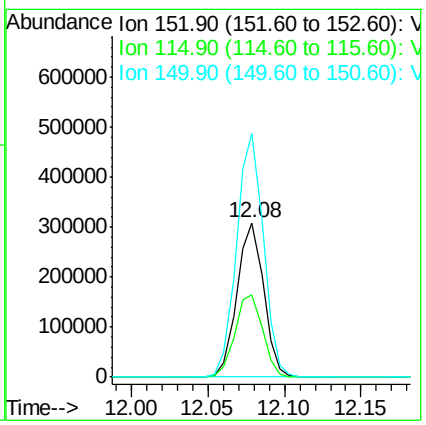


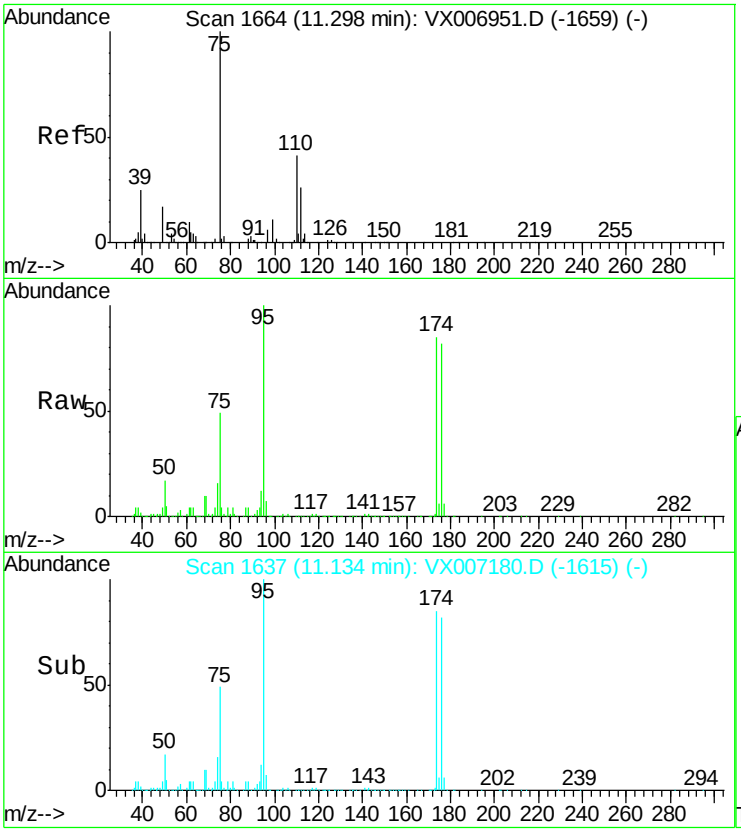


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion:152 Resp: 374337

Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.1	117.2
150	158.6	0.0	344.8



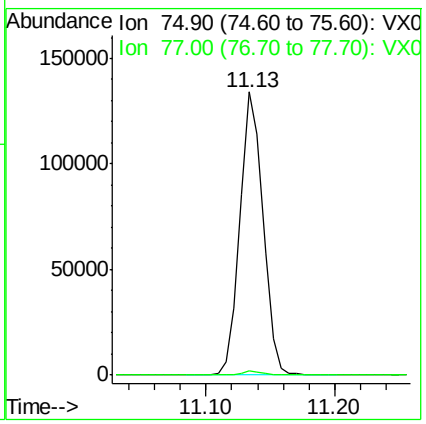


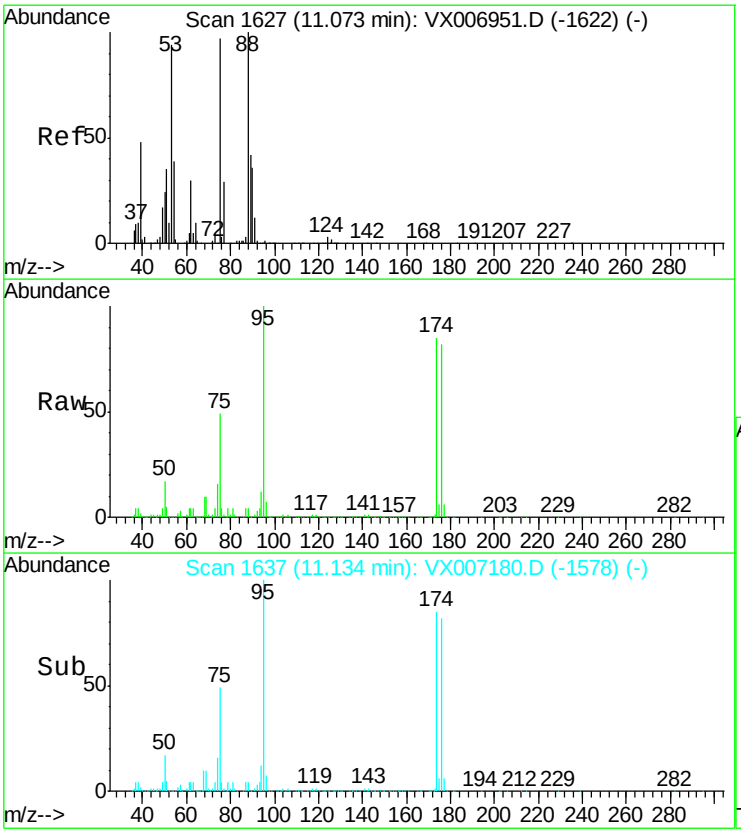
#76
1,2,3-Trichloropropane
Concen: 21.885 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion: 75 Resp: 166016

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.5	55.5#

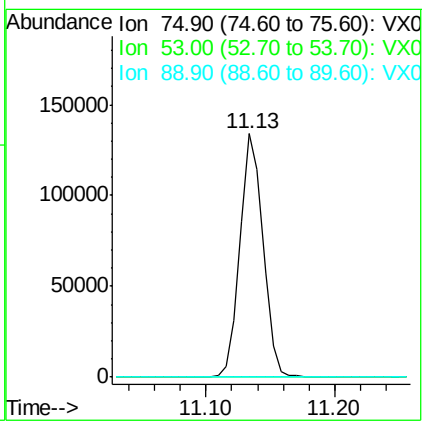


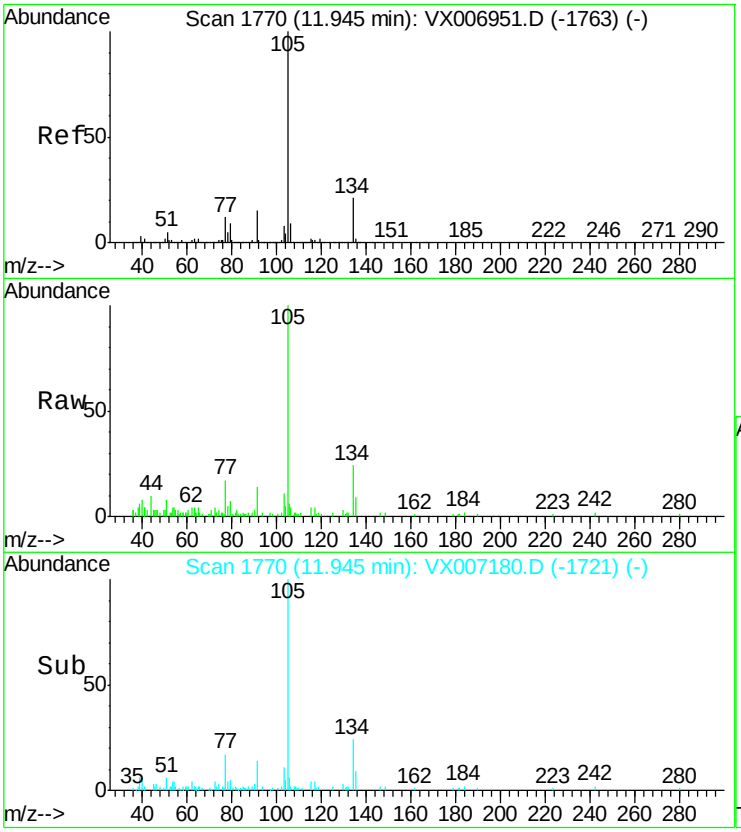


#81
trans-1,4-Dichloro-2-butene
Concen: 64.832 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion: 75 Resp: 166016

Ion	Ratio	Lower	Upper
75	100		
53	0.3	79.7	119.5#
89	0.3	38.0	57.0#



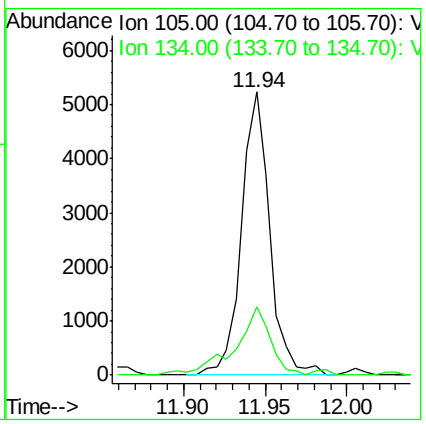


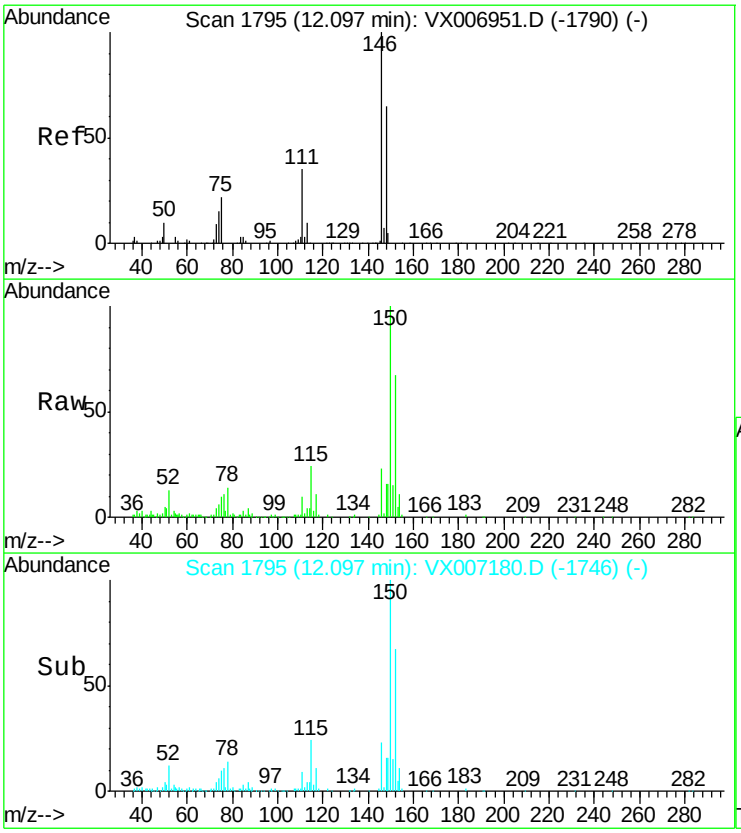
#85
sec-Butylbenzene
Concen: 0.241 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion:105 Resp: 6327

Ion	Ratio	Lower	Upper
105	100		
134	30.6	10.7	31.9

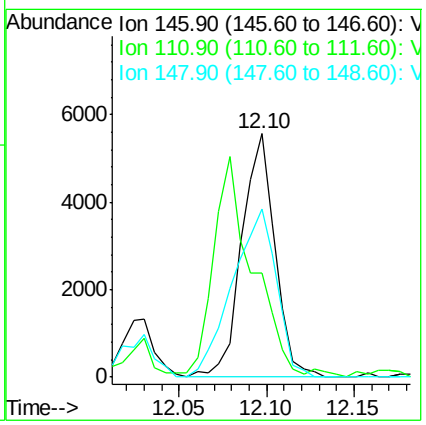


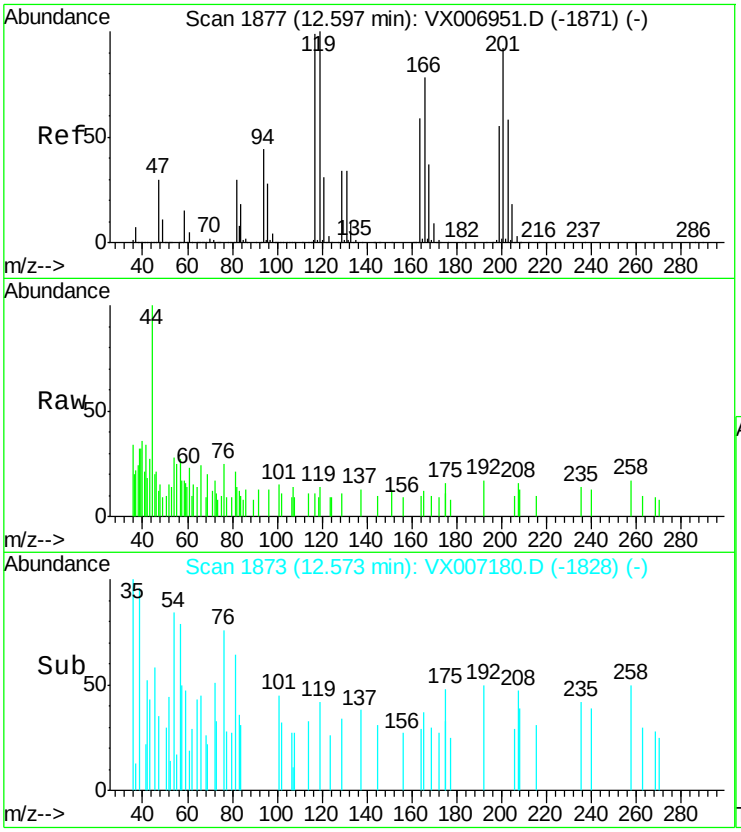


#88
1,4-Dichlorobenzene
Concen: 0.736 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion:146 Resp: 7382

Ion	Ratio	Lower	Upper
146	100		
111	106.9	18.1	54.1#
148	91.4	31.9	95.9



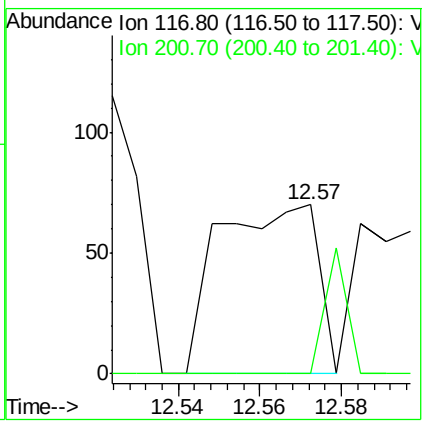


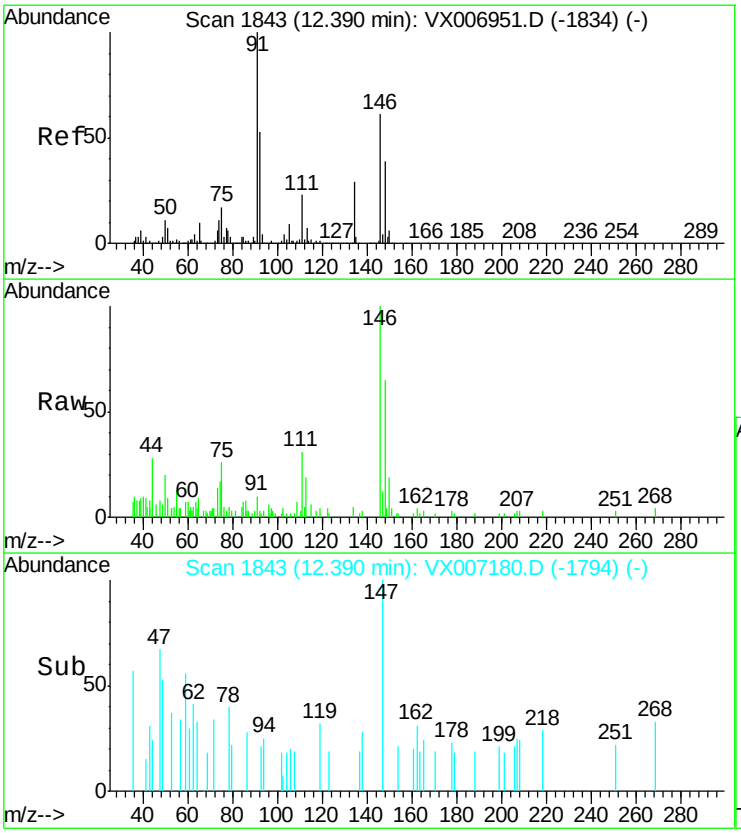
#90
Hexachloroethane
Concen: 2.938 ug/l
RT: 12.57 min Scan# 1873
Delta R.T. -0.02 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion:117 Resp: 117

Ion	Ratio	Lower	Upper
117	100		
201	16.2	42.9	128.7#

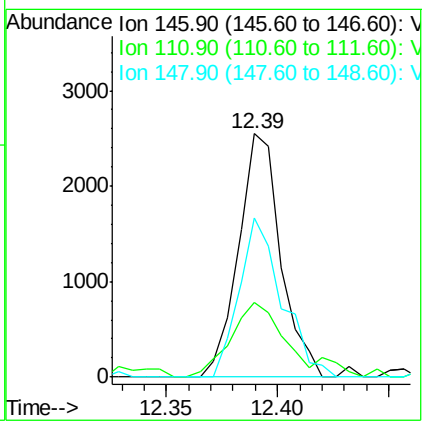


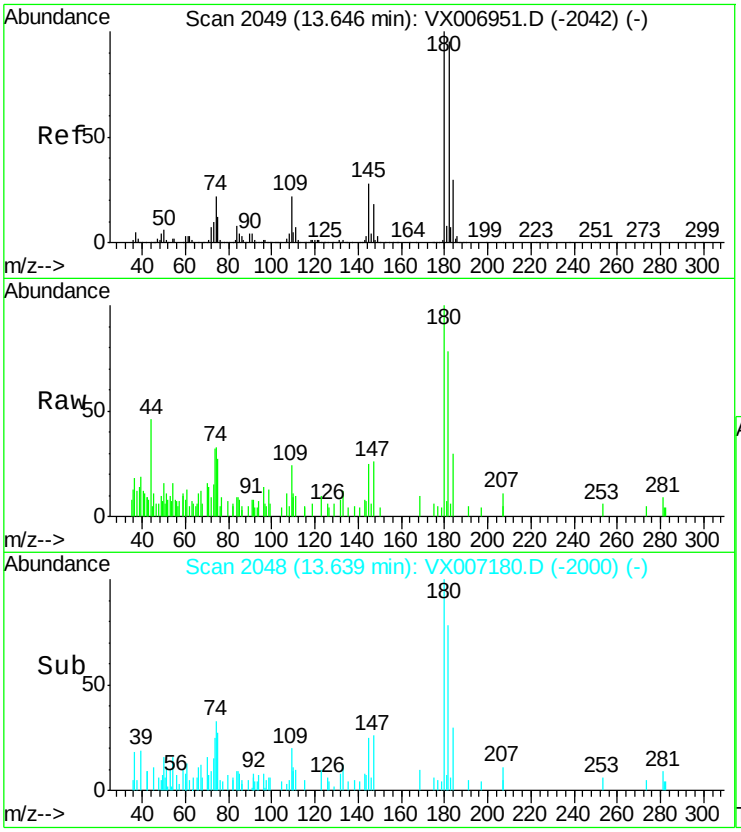


#91
1,2-Dichlorobenzene
Concen: 0.260 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Tgt Ion:146 Resp: 3368

Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.4	58.2
148	65.9	32.3	96.9





#93
1,2,4-Trichlorobenzene
Concen: 0.224 ug/l
RT: 13.64 min Scan# 2048
Delta R.T. -0.01 min
Lab File: VX007180.D
Acq: 22 Jan 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-4246

Tgt Ion:180 Resp: 1996

Ion	Ratio	Lower	Upper
180	100		
182	109.9	47.3	142.0
145	42.6	14.8	44.3