Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012119\
Data File : VX007154.D
Acq On : 21 Jan 2019 13:10
Operator : JC/SP
Sample : K1198-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-TW523-3337

Quant Time: Jan 22 00:05:43 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	574790	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	872929	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	828457	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	419806	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	303435	50.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.02%				
35) Dibromofluoromethane	5.50	113	273347	48.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.80%				
50) Toluene-d8	8.71	98	1055420	51.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.16%				
62) 4-Bromofluorobenzene	11.13	95	380421	53.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.66%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	1209	0.220	ug/l		93
5) Bromomethane	1.64	94	1452	0.230	ug/l	#	77
6) Chloroethane	1.73	64	9807	2.376	ug/l	#	85
12) 1,1-Dichloroethene	2.38	96	14657	2.774	ug/l		94
13) Acrolein	2.30	56	258	3.501	ug/l	#	13
16) Acetone	2.44	43	5106	1.719	ug/l		93
20) Methylene Chloride	2.86	84	2186	Below Cal		#	73
24) 1,1-Dichloroethane	3.70	63	239175	25.130	ug/l		99
32) 1,1,1-Trichloroethane	5.50	97	2779	0.329	ug/l	#	40
36) 1,1-Dichloropropene	5.66	75	35109	4.626	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	51645	6.763	ug/l	#	14
40) Benzene	6.13	78	5927	0.256	ug/l		99
49) 1,4-Dioxane	7.74	88	117	Below Cal		#	1
52) Toluene	8.79	92	4050	0.272	ug/l		96
65) Chlorobenzene	10.14	112	3653	0.202	ug/l		90
68) m/p-Xylenes	10.35	106	3586	0.305	ug/l		98
76) 1,2,3-Trichloropropane	11.13	75	182819	21.490	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.13	75	182819	63.730	ug/l	#	10
83) tert-Butylbenzene	11.77	119	6114	0.248	ug/l		88
84) 1,2,4-Trimethylbenzene	11.80	105	7720	0.310	ug/l		97
85) sec-Butylbenzene	11.94	105	21213	0.720	ug/l		82
87) 1,3-Dichlorobenzene	12.02	146	15152	1.028	ug/l		95
88) 1,4-Dichlorobenzene	12.10	146	38805	2.915	ug/l		87
90) Hexachloroethane	12.76	117	19600	7.294	ug/l	#	7
91) 1,2-Dichlorobenzene	12.39	146	16867	1.159	ug/l		99
93) 1,2,4-Trichlorobenzene	13.65	180	15115	1.514	ug/l		94
96) 1,2,3-Trichlorobenzene	14.02	180	4152	0.419	ug/l	#	56

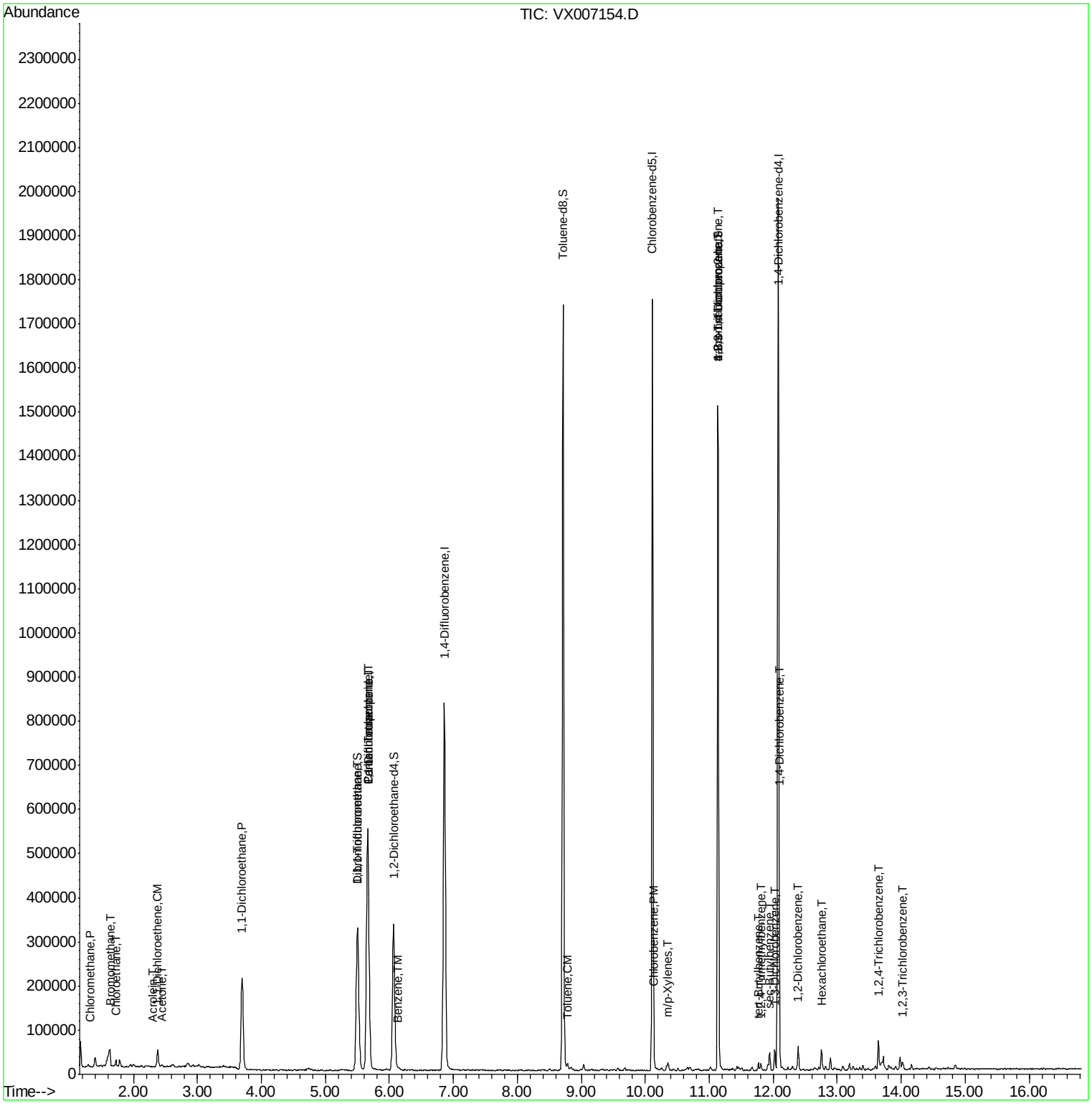
(#) = qualifier out of range (m) = manual integration (+) = signals summed

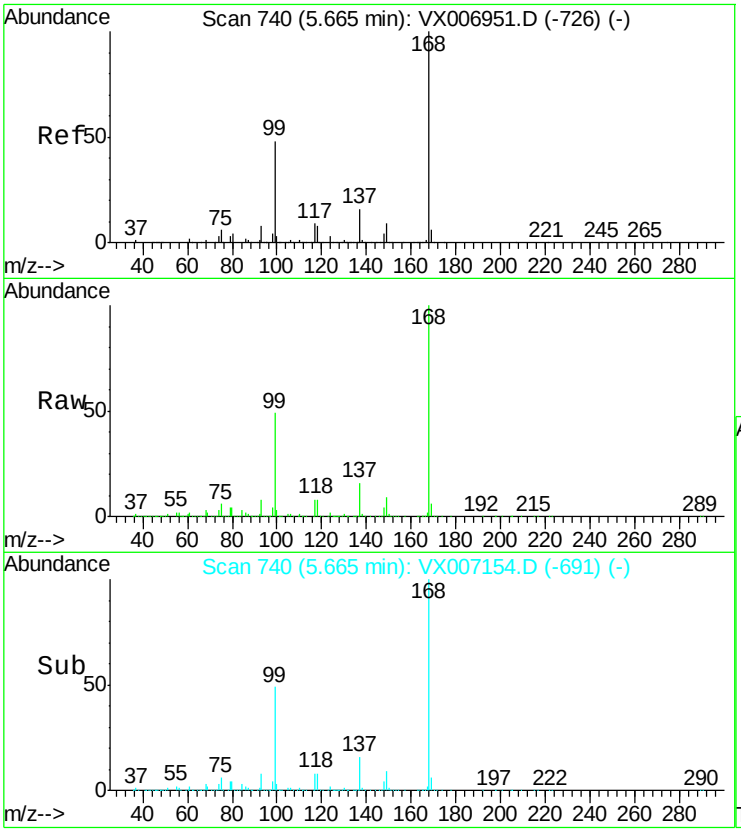
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012119\
Data File : VX007154.D
Acq On : 21 Jan 2019 13:10
Operator : JC/SP
Sample : K1198-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Quant Time: Jan 22 00:05:43 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



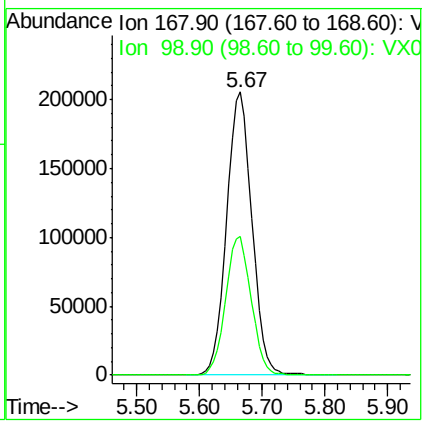


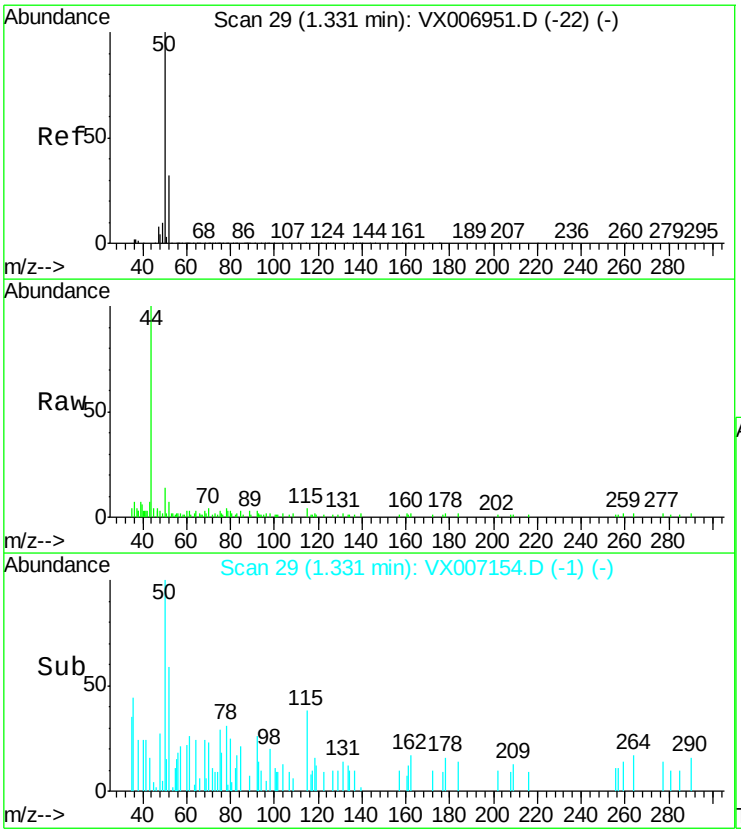
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion:168 Resp: 574790

Ion	Ratio	Lower	Upper
168	100		
99	48.7	41.8	62.8

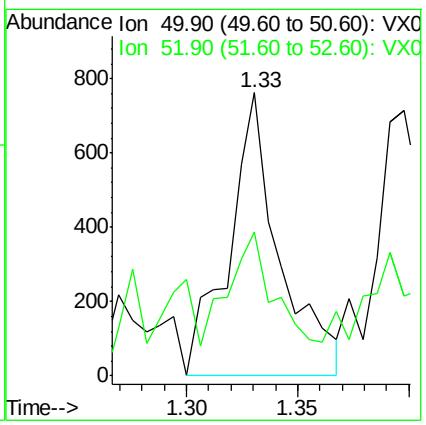


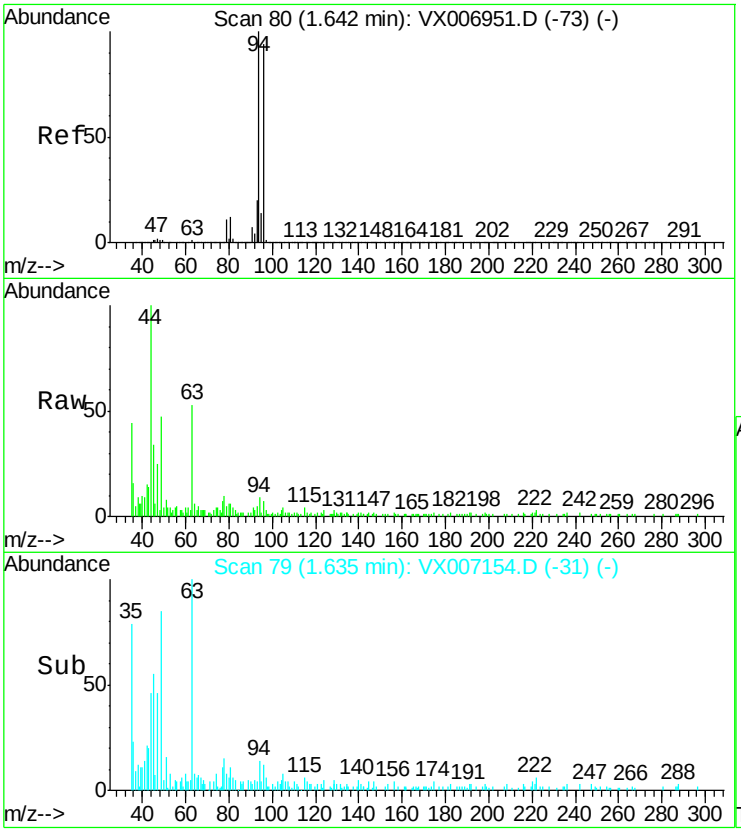


#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion: 50 Resp: 1209

Ion	Ratio	Lower	Upper
50	100		
52	27.8	25.4	38.2



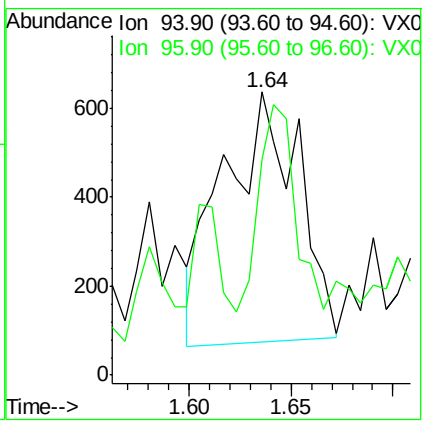


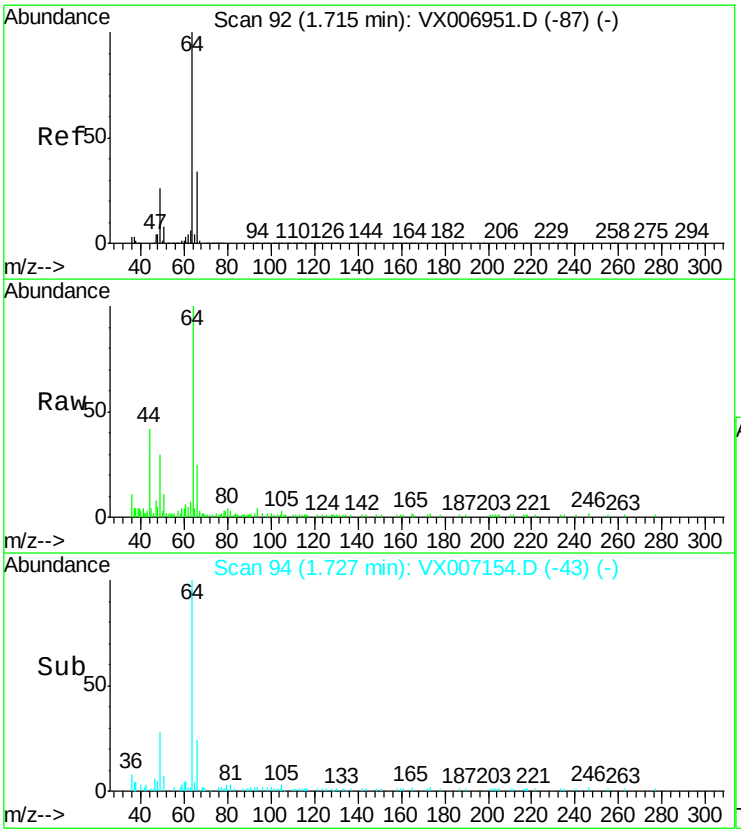
#5
Bromomethane
Concen: 0.230 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.01 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion: 94 Resp: 1452

Ion	Ratio	Lower	Upper
94	100		
96	69.5	73.4	110.2#

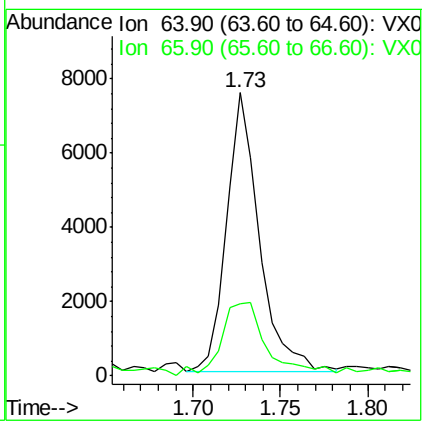


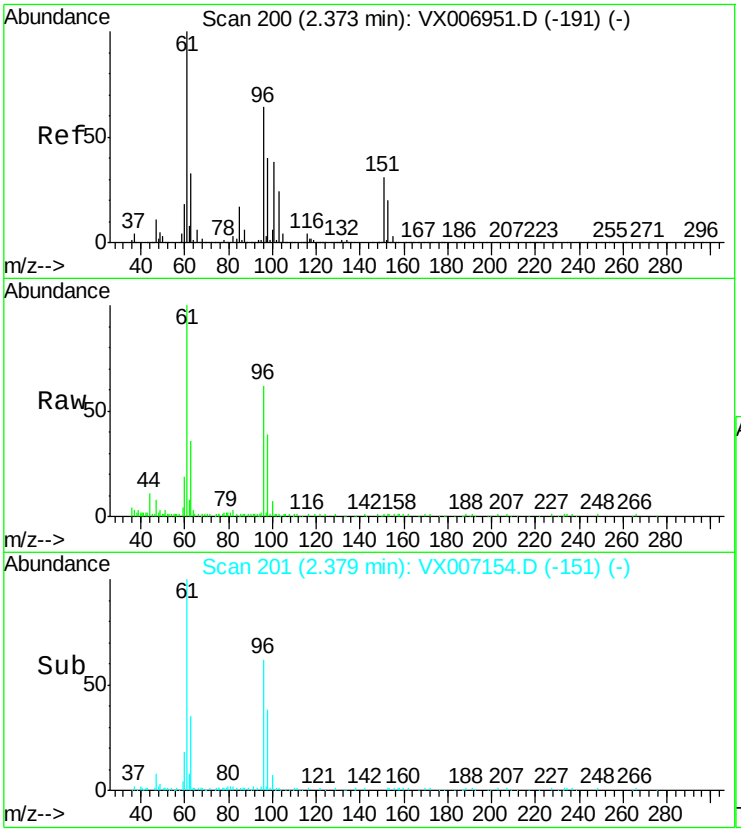


#6
Chloroethane
Concen: 2.376 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion: 64 Resp: 9807

Ion	Ratio	Lower	Upper
64	100		
66	24.6	26.4	39.6#



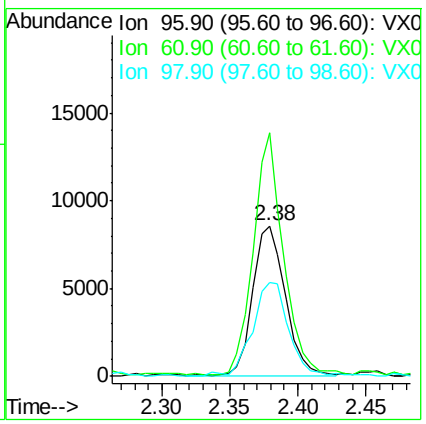


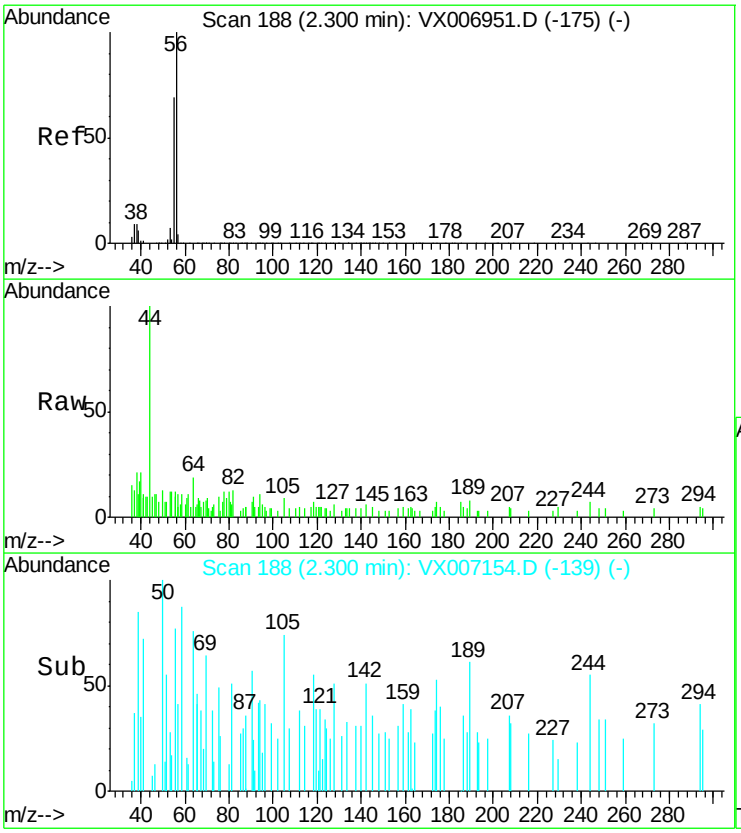
#12
1,1-Dichloroethene
Concen: 2.774 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion: 96 Resp: 14657

Ion	Ratio	Lower	Upper
96	100		
61	160.2	121.4	182.2
98	61.1	51.9	77.9

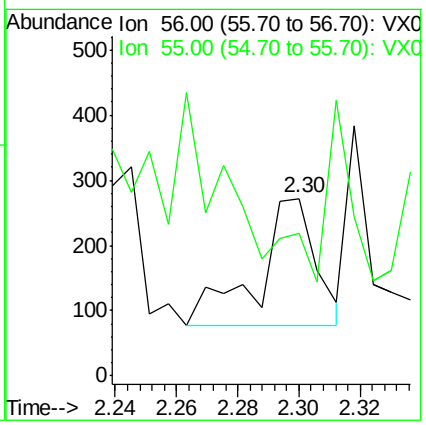


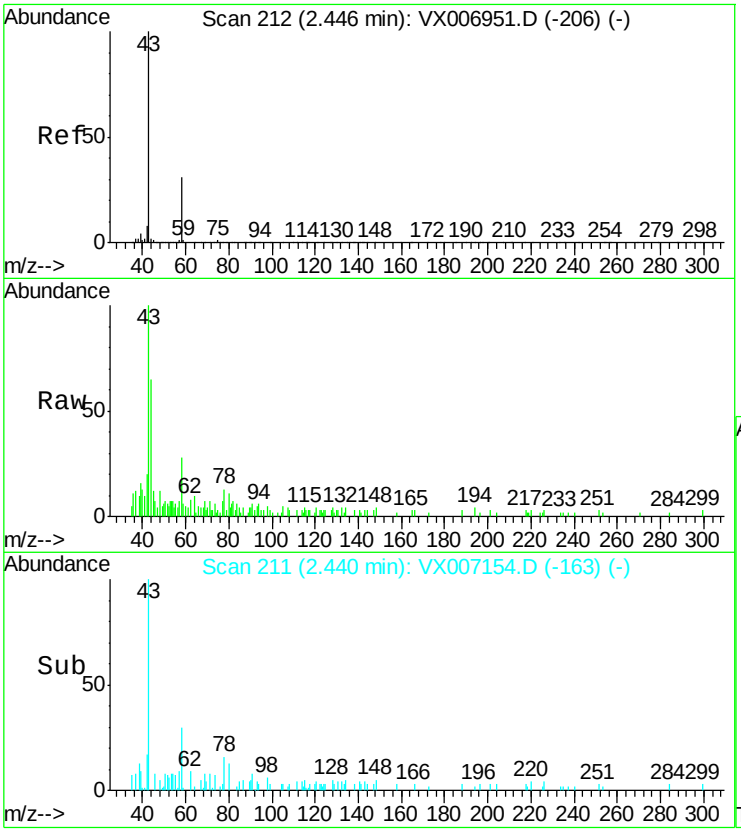


#13
Acrolein
Concen: 3.501 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion: 56 Resp: 258

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.4#



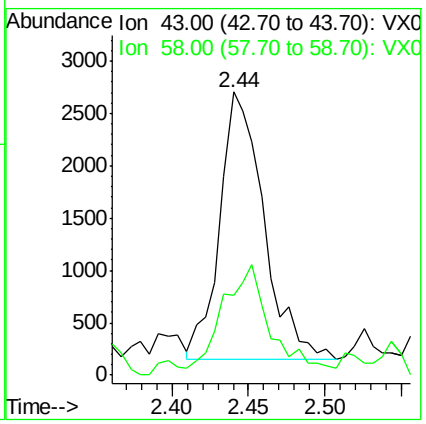


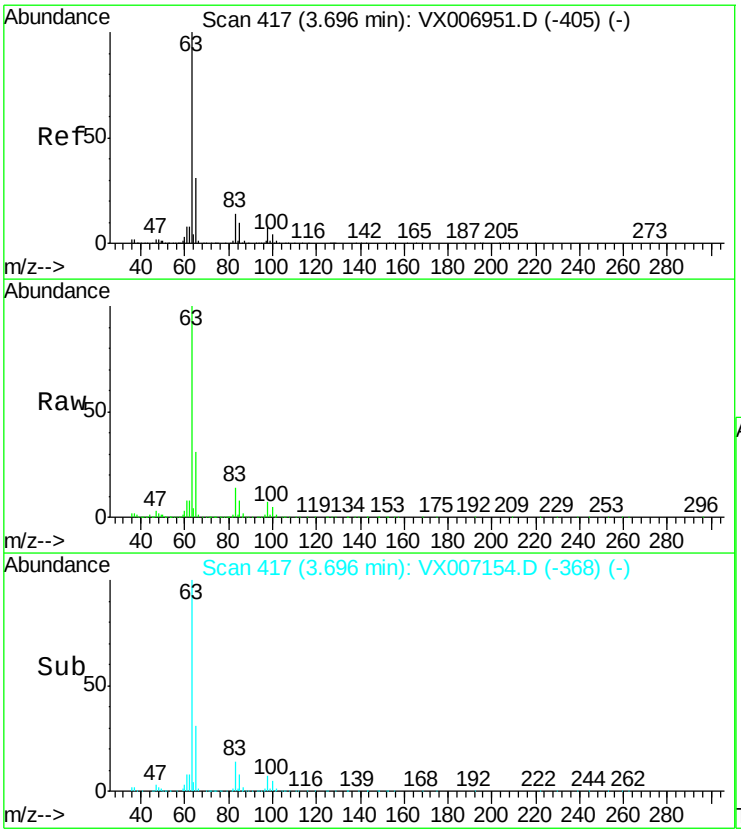
#16
Acetone
Concen: 1.719 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion: 43 Resp: 5106

Ion	Ratio	Lower	Upper
43	100		
58	27.3	25.0	37.6

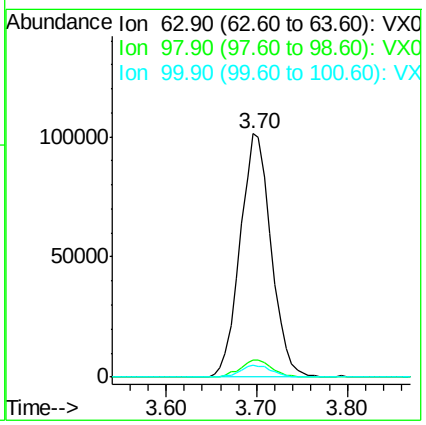


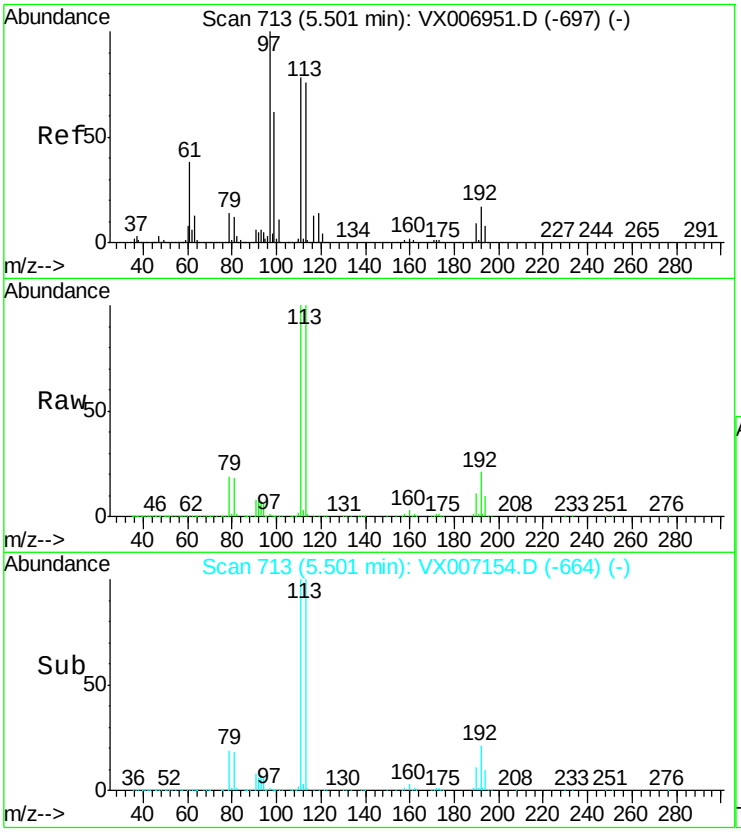


#24
1,1-Dichloroethane
Concen: 25.130 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion: 63 Resp: 239175

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.9	11.5
100	4.7	2.4	7.2



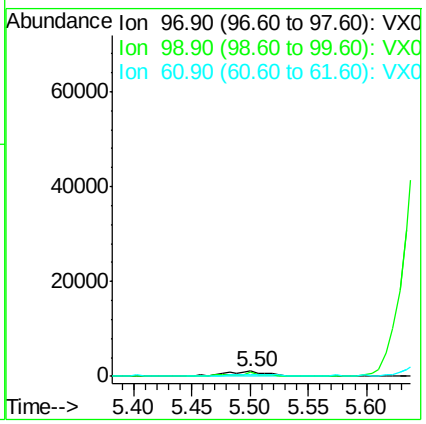


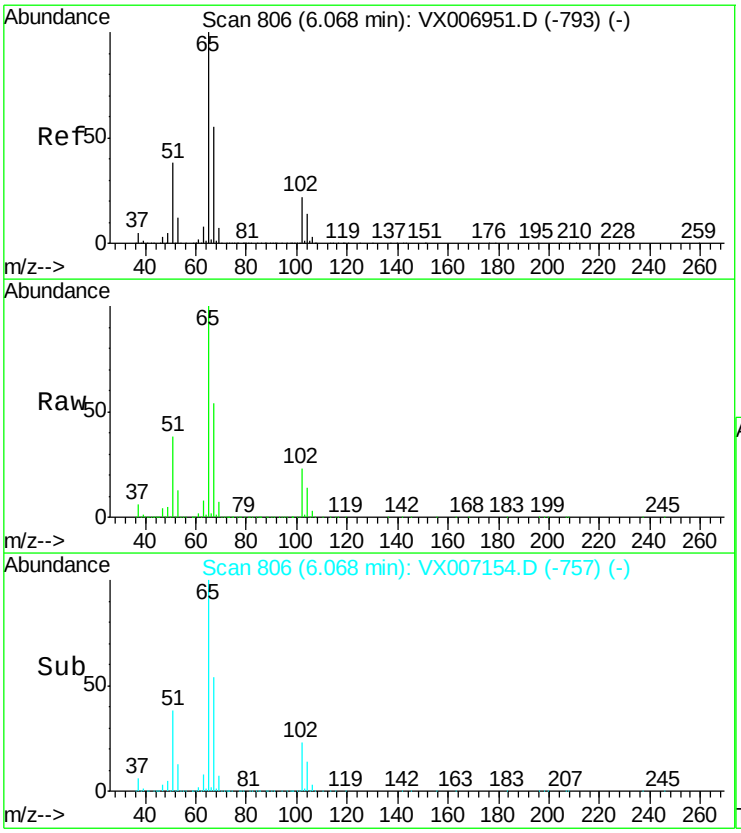
#32
1,1,1-Trichloroethane
Concen: 0.329 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument : MSVOA_X
ClientSampleId : SA-TW523-3337

Tgt Ion: 97 Resp: 2779

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.7	77.5#
61	54.1	31.3	46.9#

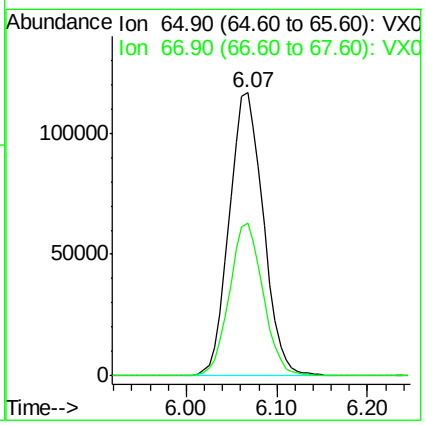


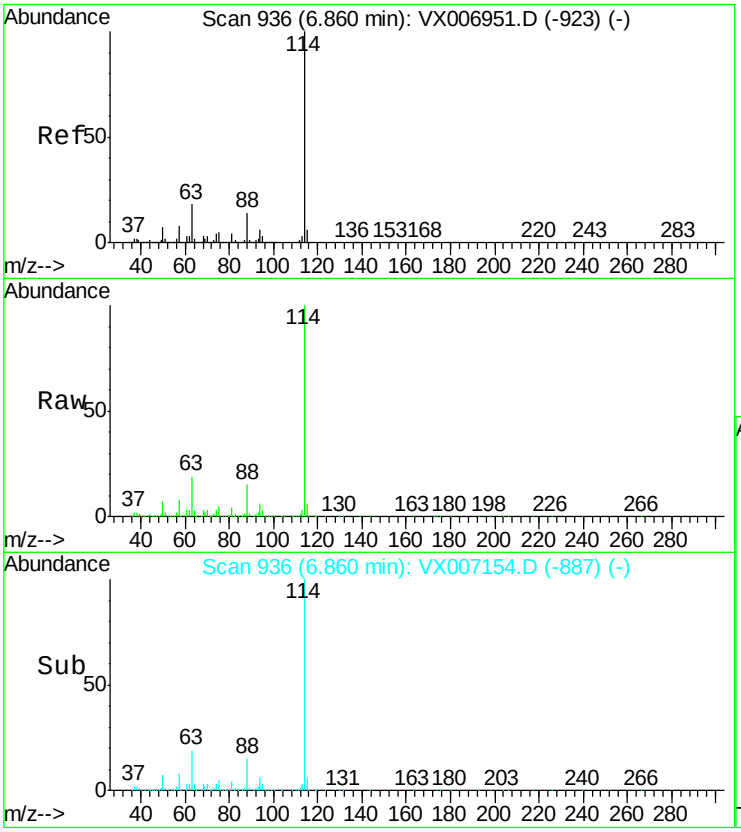


#33
1,2-Dichloroethane-d4
Concen: 50.513 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion: 65 Resp: 303435

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.0



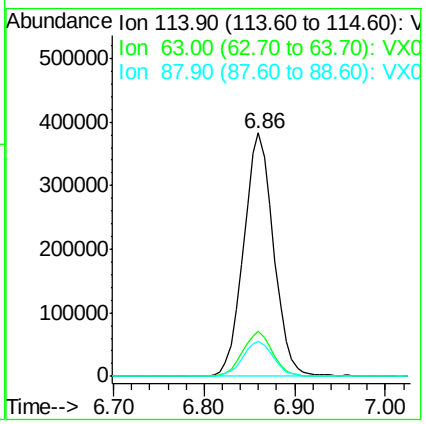


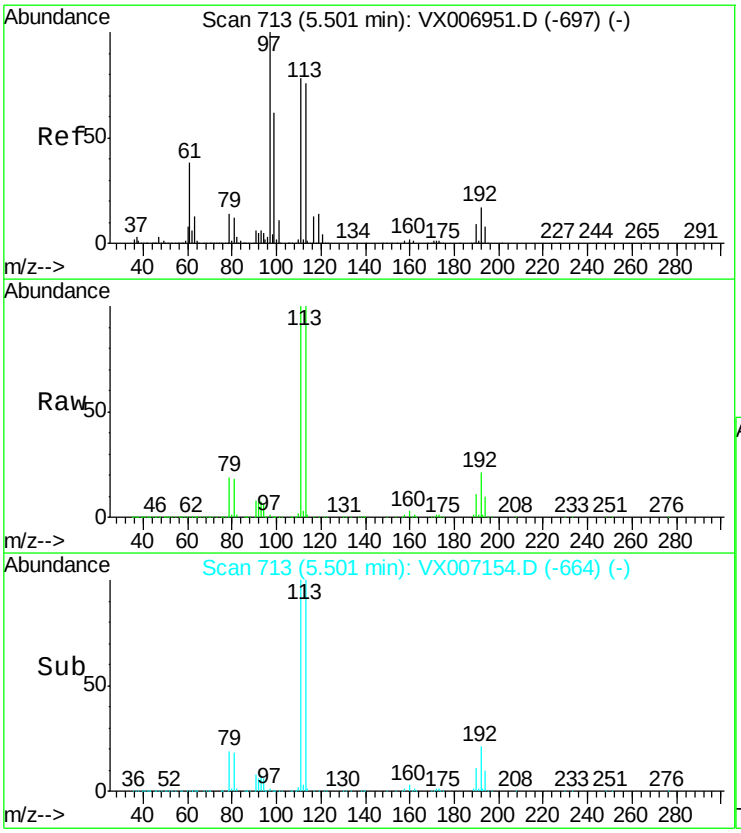
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion:114 Resp: 872929

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	34.8
88	14.5	0.0	28.8

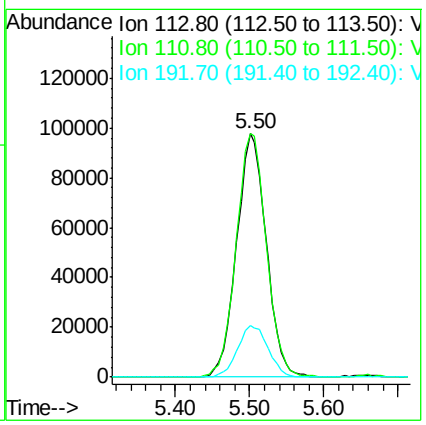


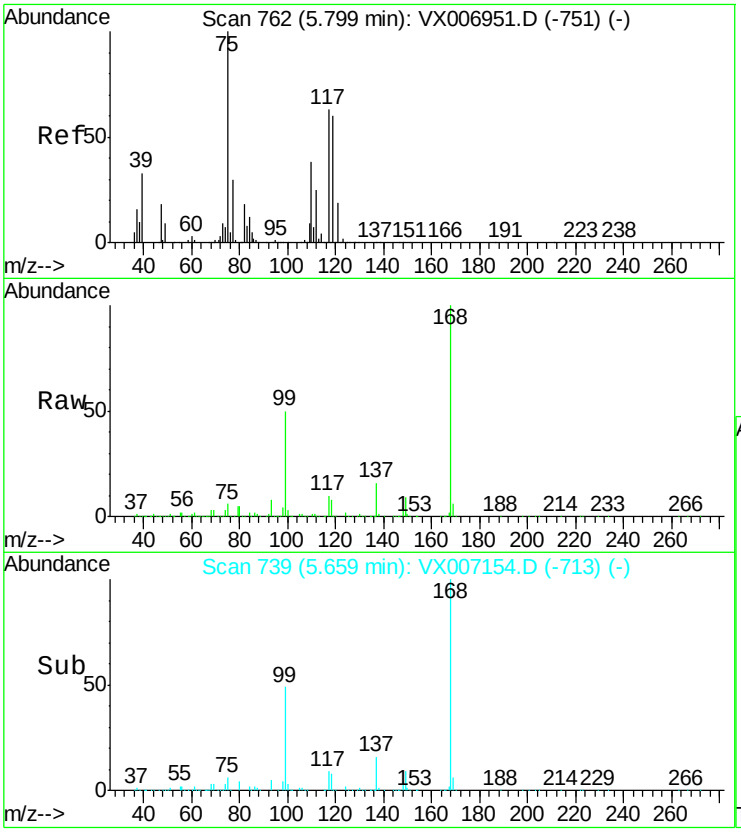


#35
Dibromofluoromethane
Concen: 48.898 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion:113 Resp: 273347

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	21.9	16.7	25.1



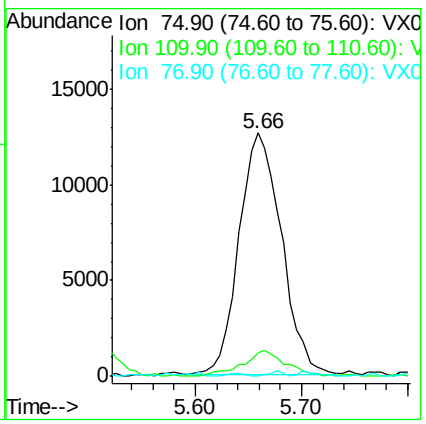


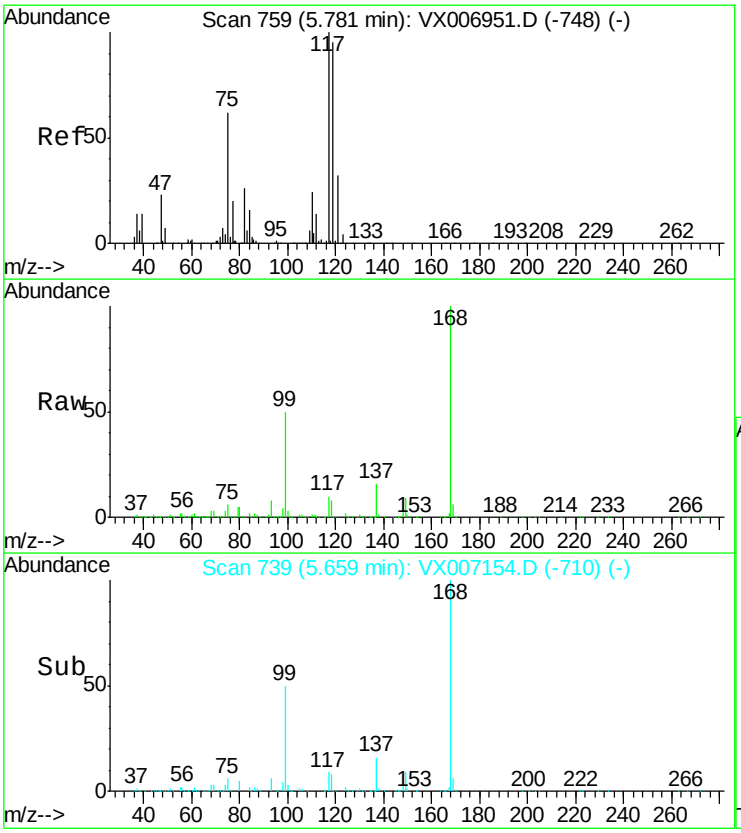
#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion: 75 Resp: 35109

Ion	Ratio	Lower	Upper
75	100		
110	10.9	20.2	60.5#
77	0.7	24.8	37.2#

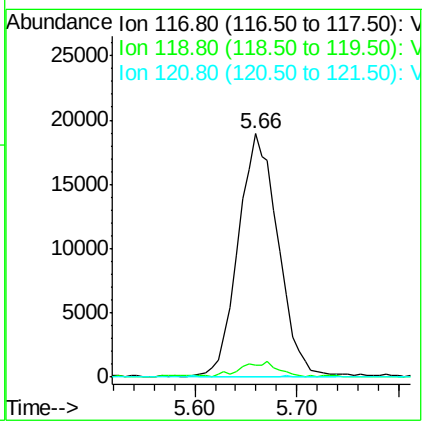


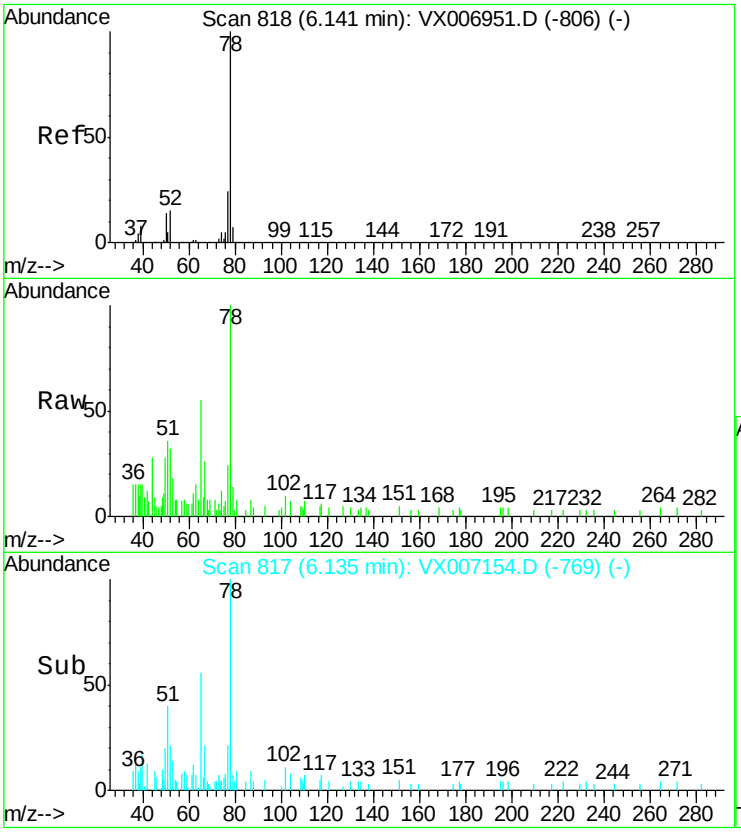


#38
Carbon Tetrachloride
Concen: 6.763 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion:117 Resp: 51645

Ion	Ratio	Lower	Upper
117	100		
119	4.3	79.4	119.2#
121	0.0	24.0	36.0#



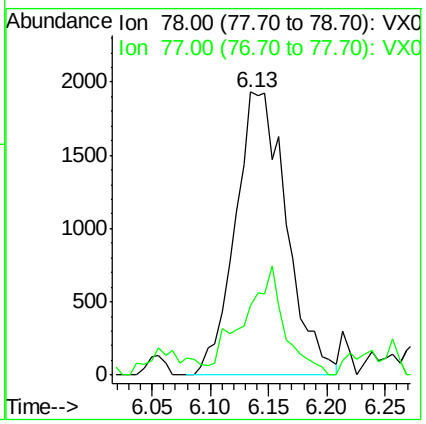


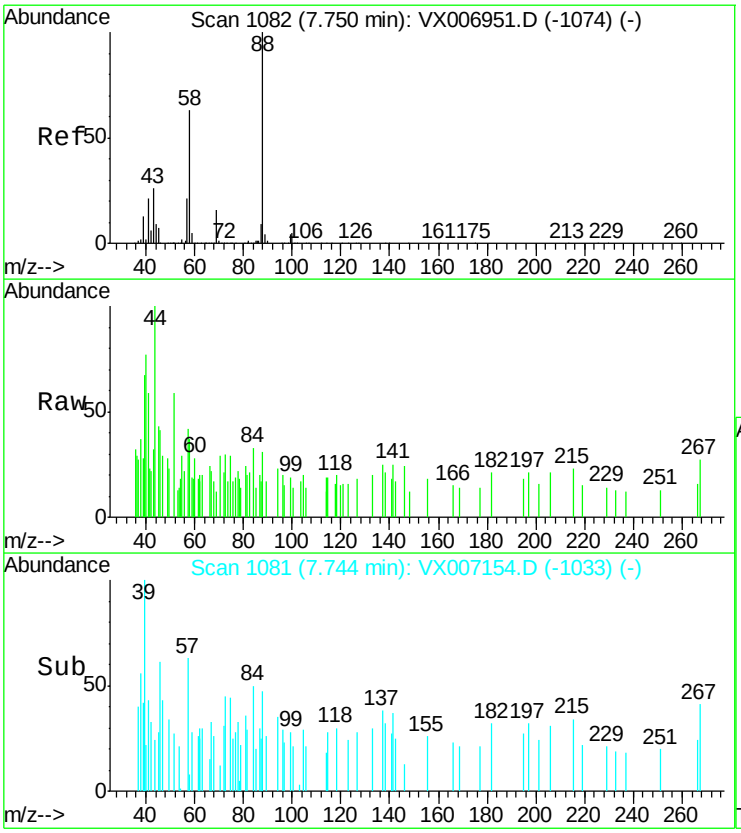
#40
Benzene
Concen: 0.256 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion: 78 Resp: 5927

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.2	28.8

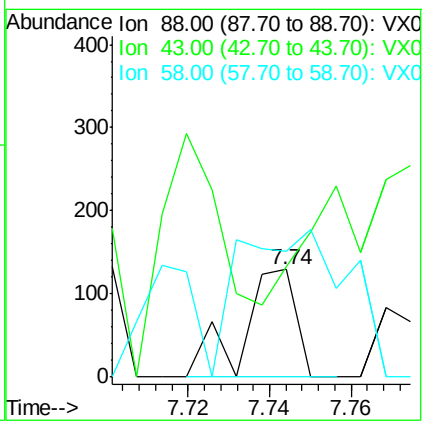


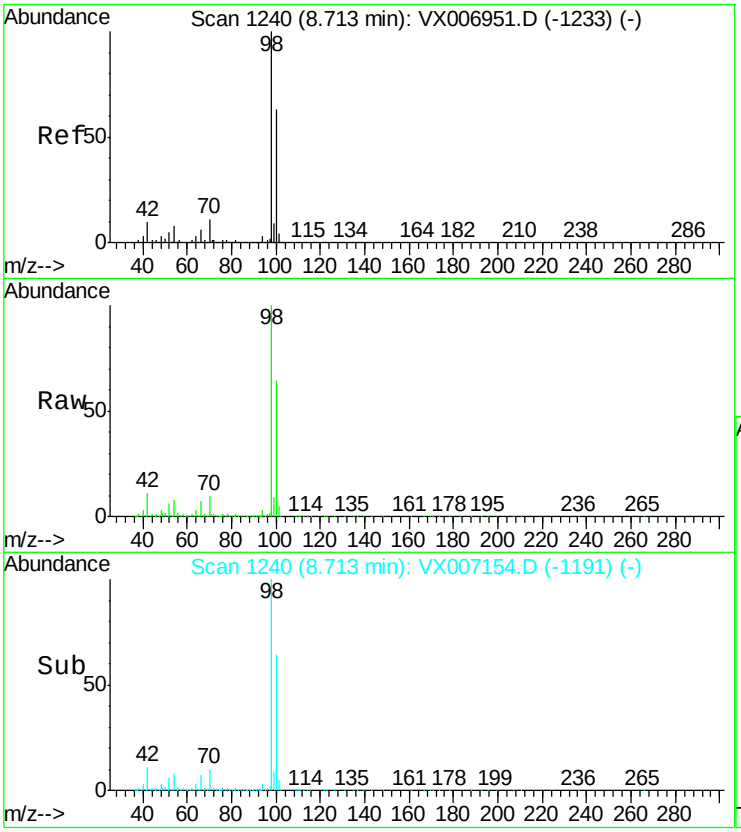


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion: 88 Resp: 117

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	280.3	51.0	76.4#



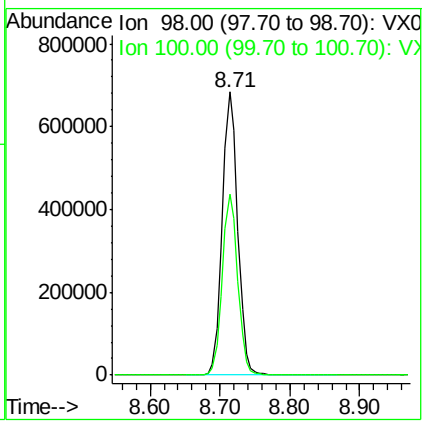


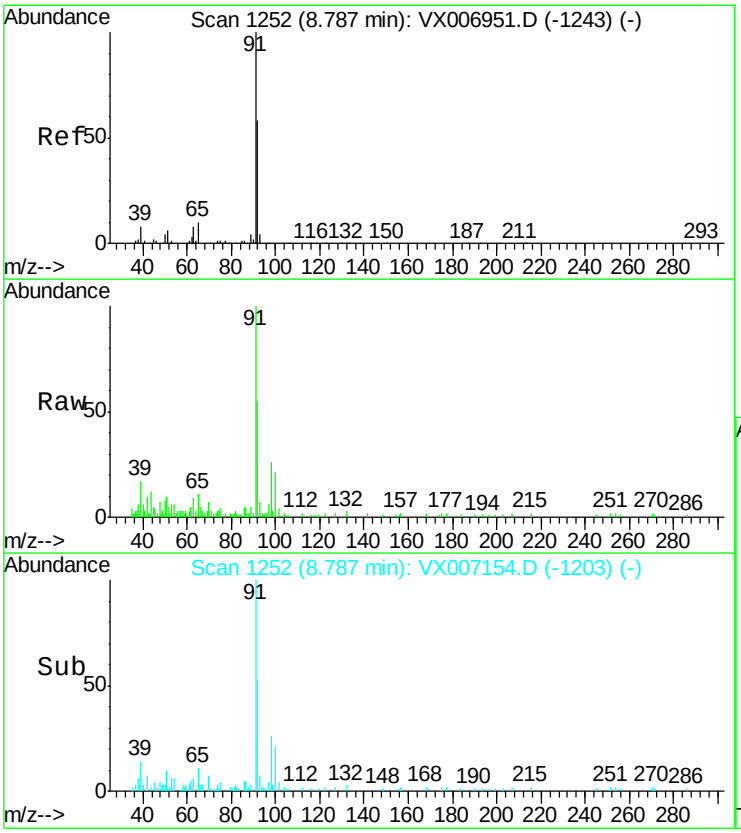
#50
Toluene-d8
Concen: 51.580 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion: 98 Resp: 1055420

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0

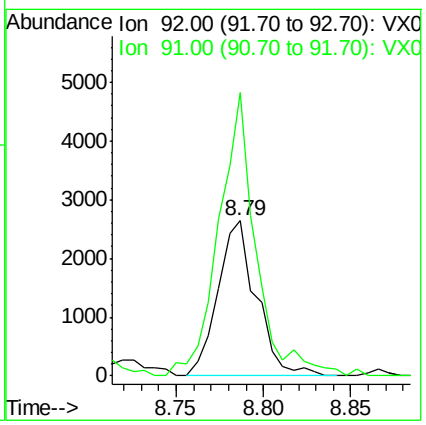


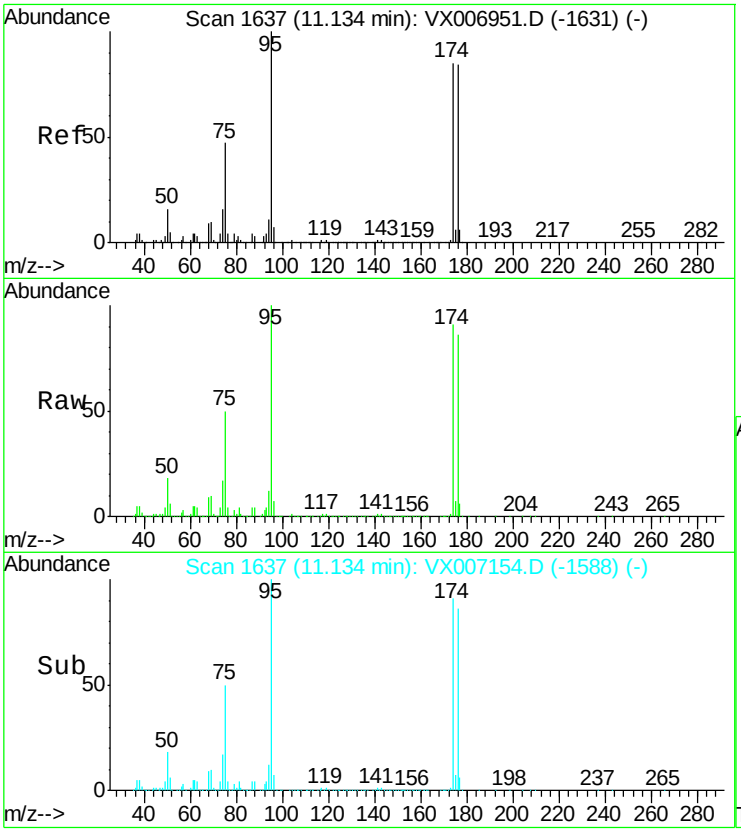


#52
Toluene
Concen: 0.272 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion: 92 Resp: 4050

Ion	Ratio	Lower	Upper
92	100		
91	176.9	137.6	206.4



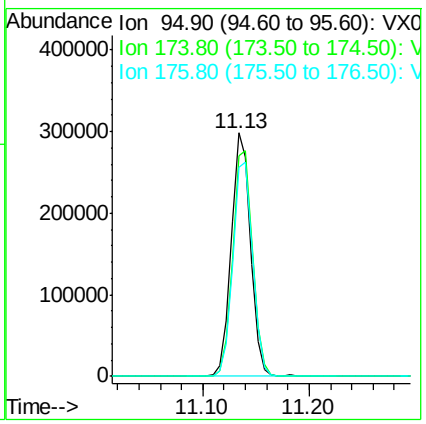


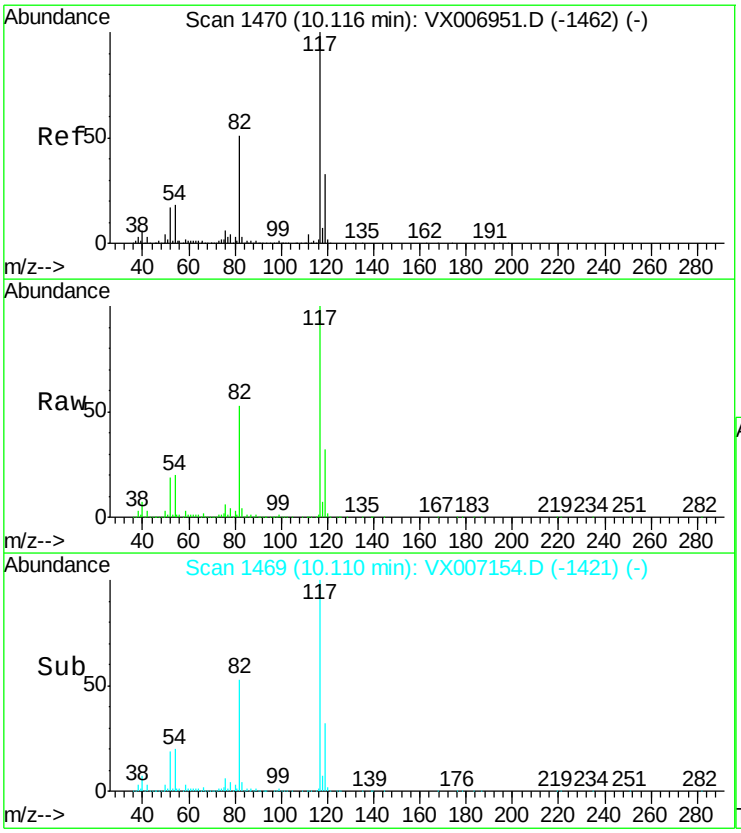
#62
4-Bromofluorobenzene
Concen: 53.329 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion: 95 Resp: 380421

Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	182.2
176	90.5	0.0	178.8

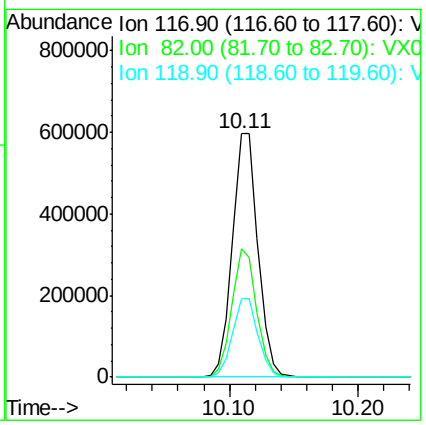


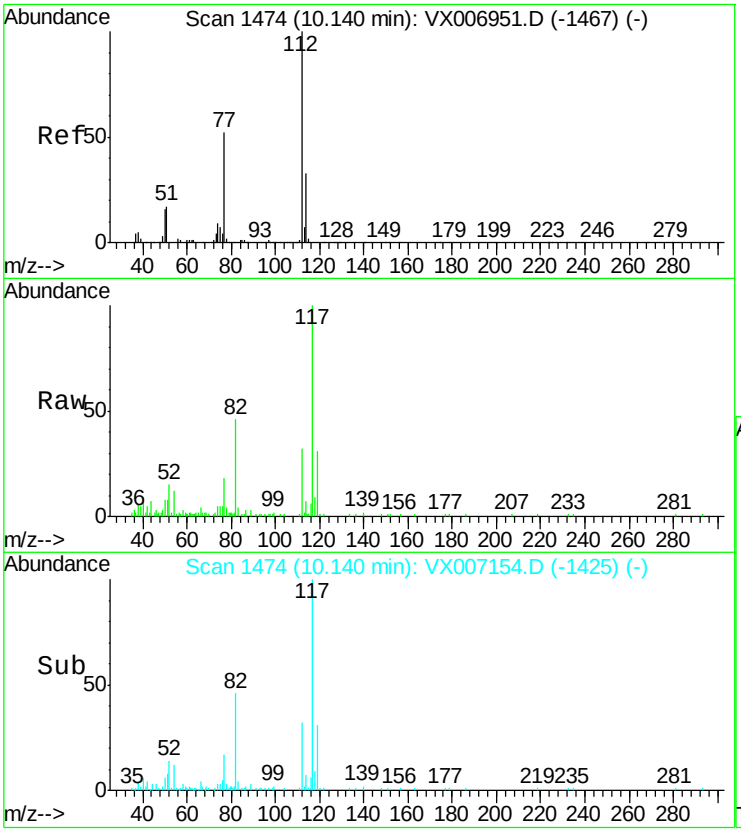


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion:117 Resp: 828457

Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.0	61.6
119	32.5	25.4	38.0



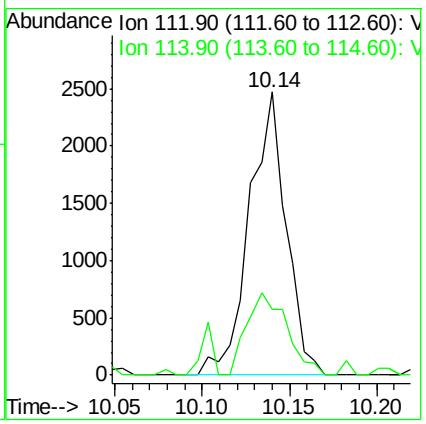


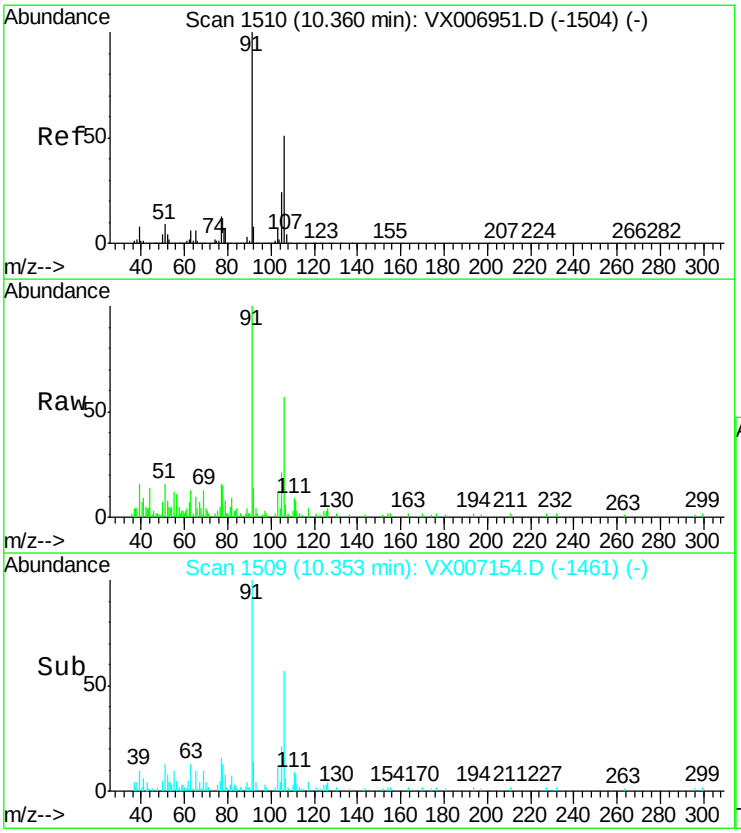
#65
Chlorobenzene
Concen: 0.202 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument : MSVOA_X
ClientSampleId : SA-TW523-3337

Tgt Ion:112 Resp: 3653

Ion	Ratio	Lower	Upper
112	100		
114	26.6	25.7	38.5

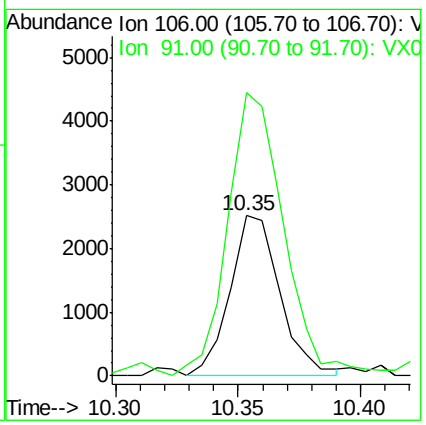


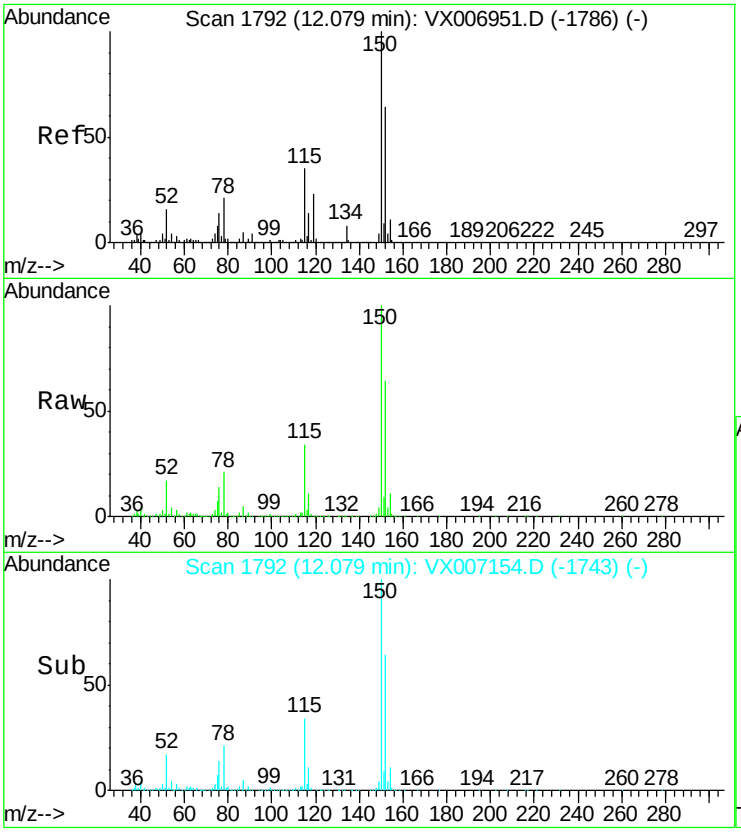


#68
m/p-Xylenes
Concen: 0.305 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion:106 Resp: 3586

Ion	Ratio	Lower	Upper
106	100		
91	197.9	155.8	233.6



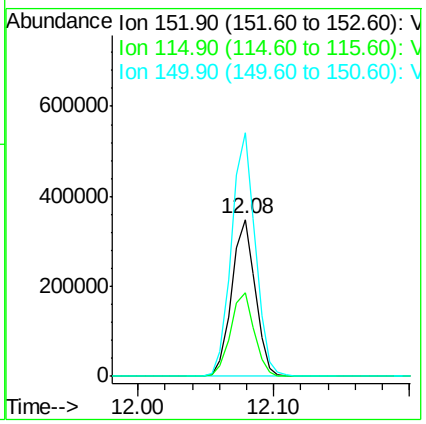


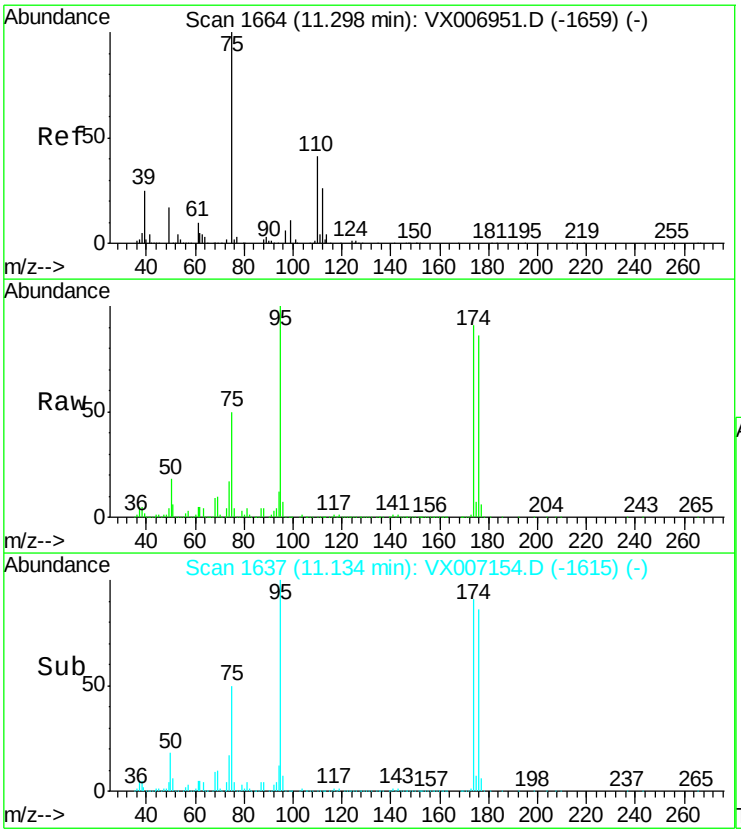
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion:152 Resp: 419806

Ion	Ratio	Lower	Upper
152	100		
115	54.2	39.1	117.2
150	156.4	0.0	344.8

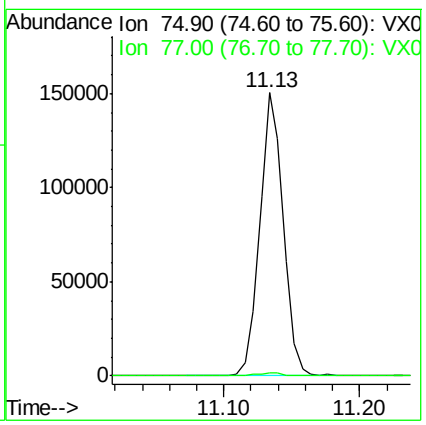


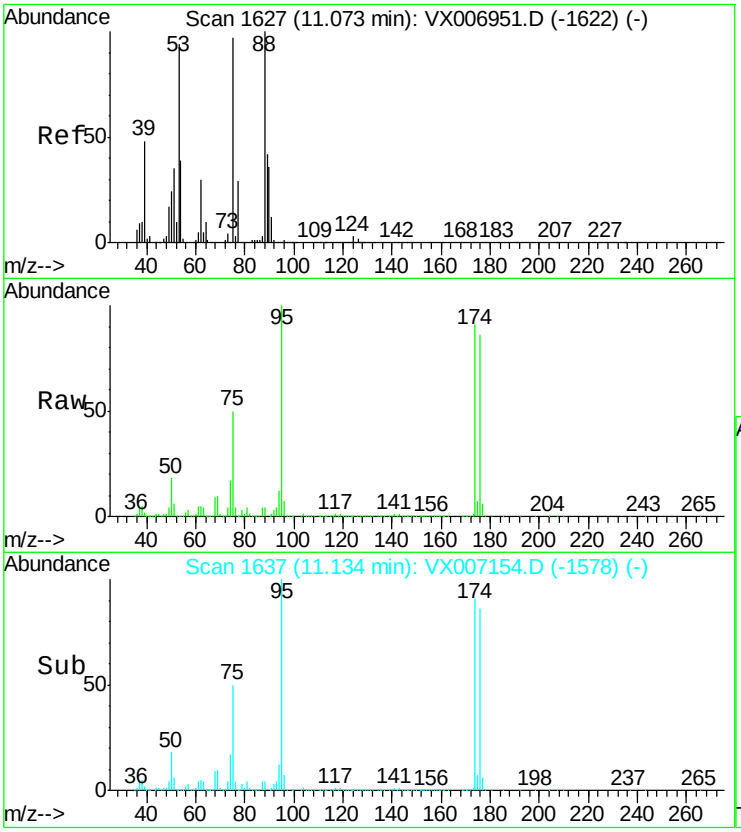


#76
1,2,3-Trichloropropane
Concen: 21.490 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion: 75 Resp: 182819

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.5	55.5#



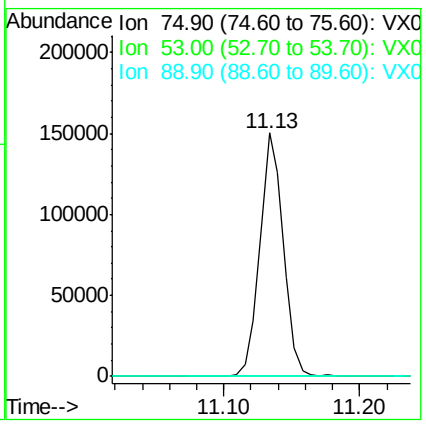


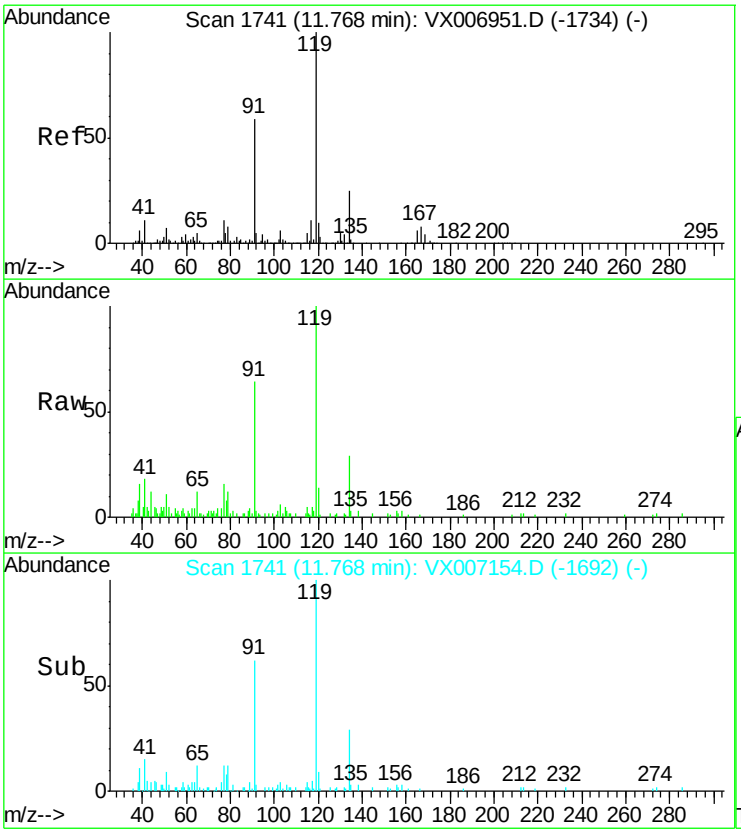
#81
trans-1,4-Dichloro-2-butene
Concen: 63.730 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion: 75 Resp: 182819

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.7	119.5#
89	0.1	38.0	57.0#

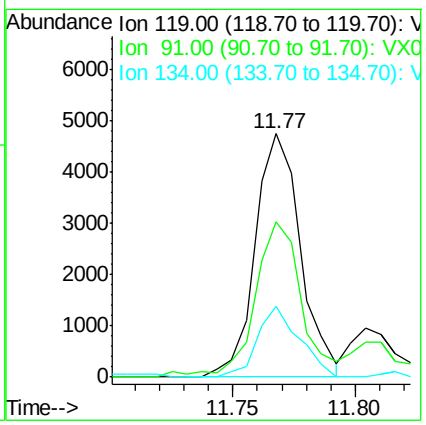


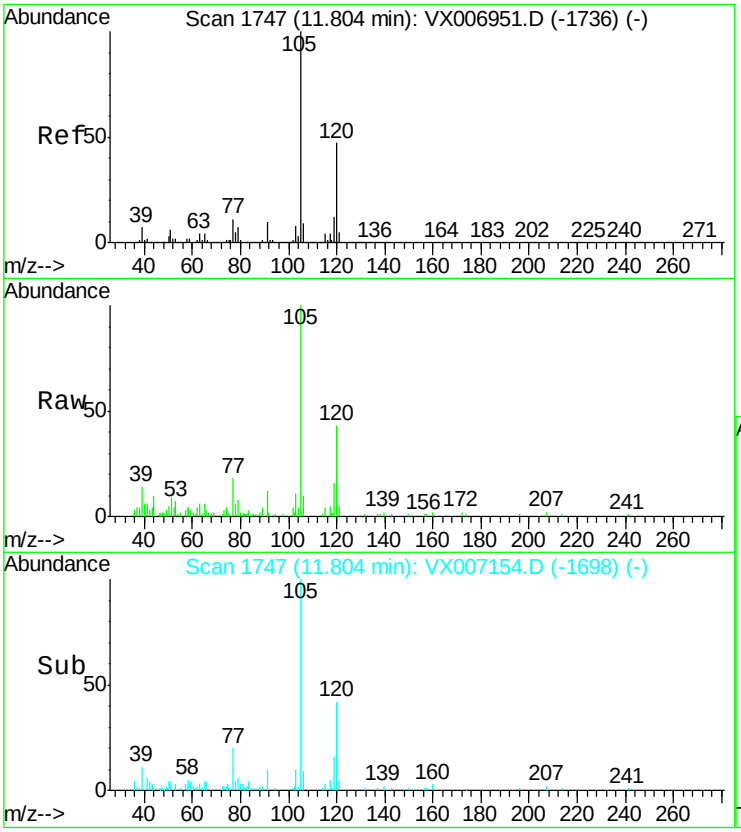


#83
tert-Butylbenzene
Concen: 0.248 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion:119 Resp: 6114

Ion	Ratio	Lower	Upper
119	100		
91	65.5	27.7	83.1
134	26.9	11.9	35.5



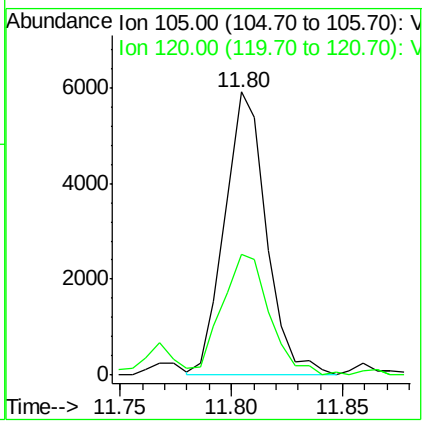


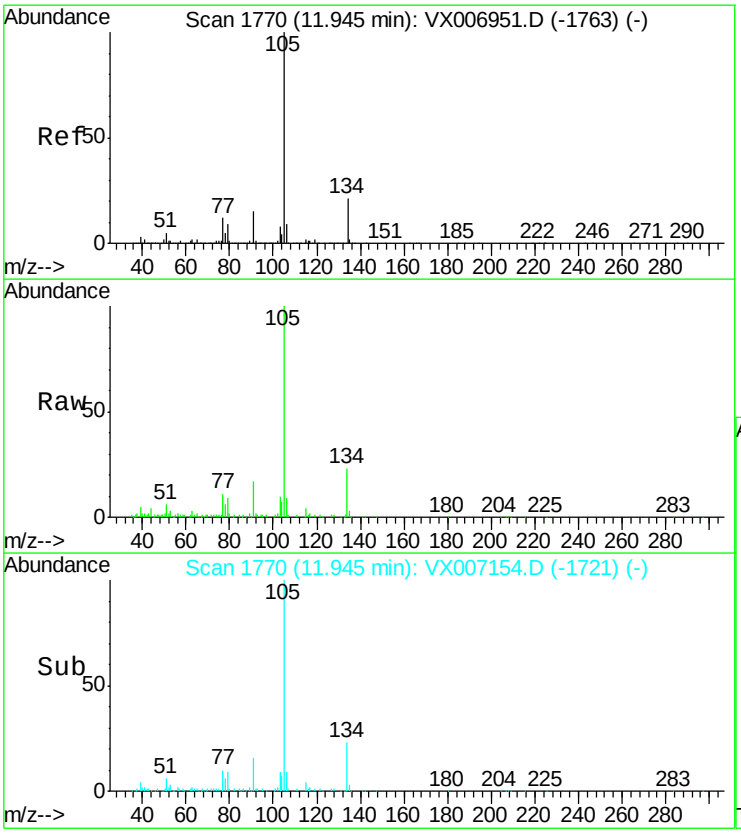
#84
1,2,4-Trimethylbenzene
Concen: 0.310 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion:105 Resp: 7720

Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.2	69.6

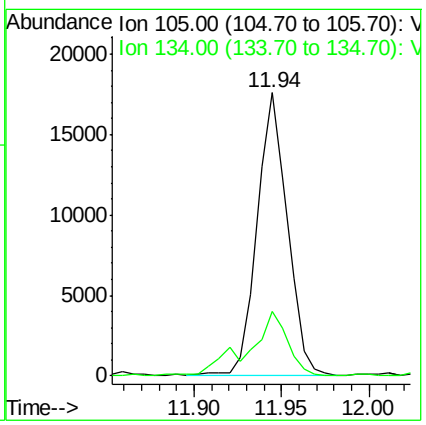


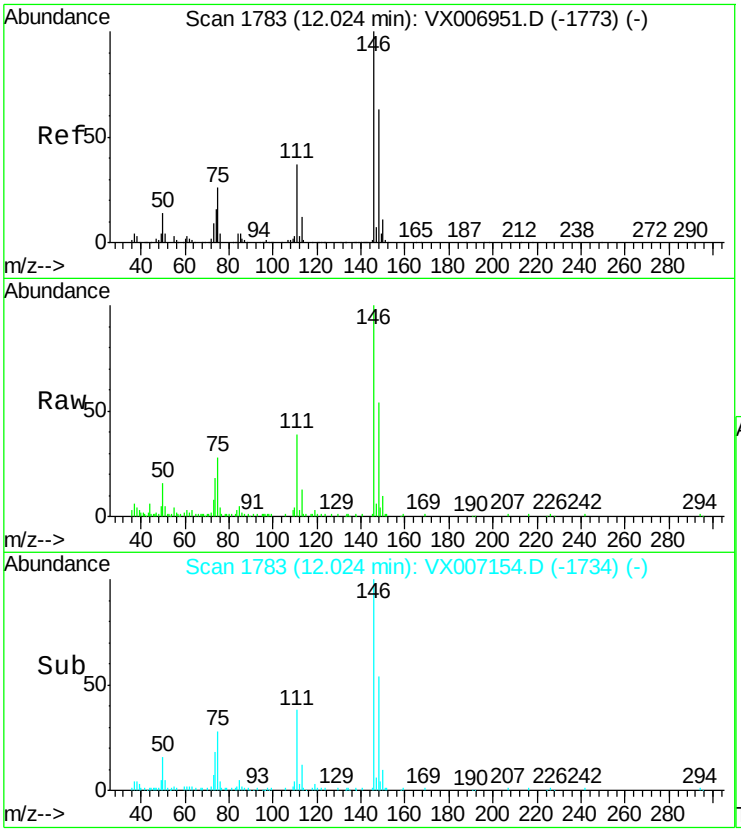


#85
sec-Butylbenzene
Concen: 0.720 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion:105 Resp: 21213

Ion	Ratio	Lower	Upper
105	100		
134	29.9	10.7	31.9



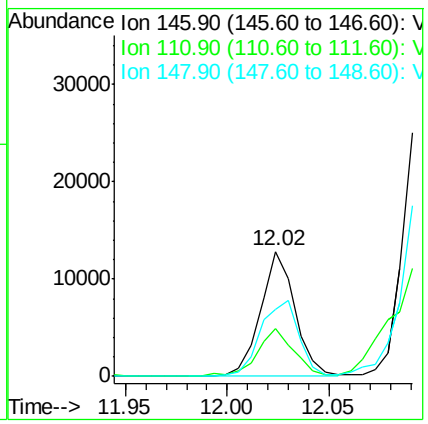


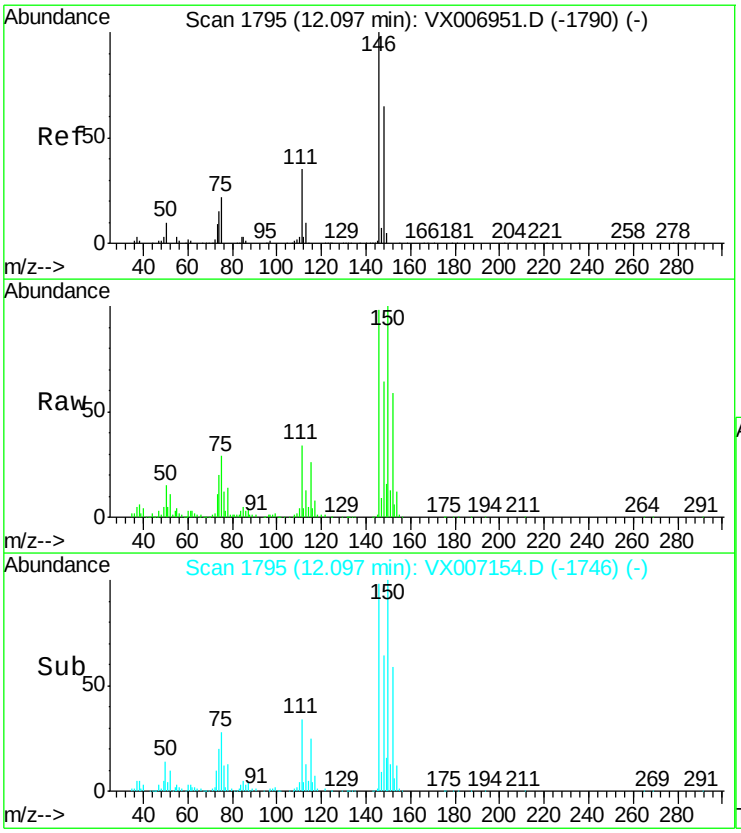
#87
1,3-Dichlorobenzene
Concen: 1.028 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion:146 Resp: 15152

Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.6	55.8
148	67.4	31.8	95.3

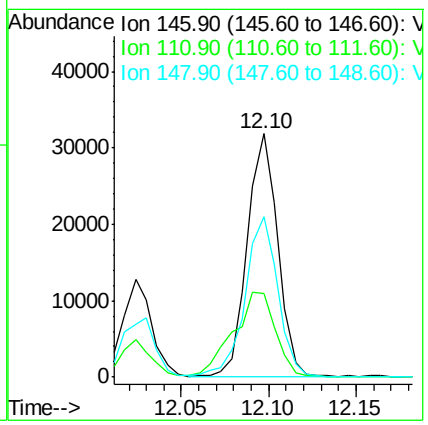


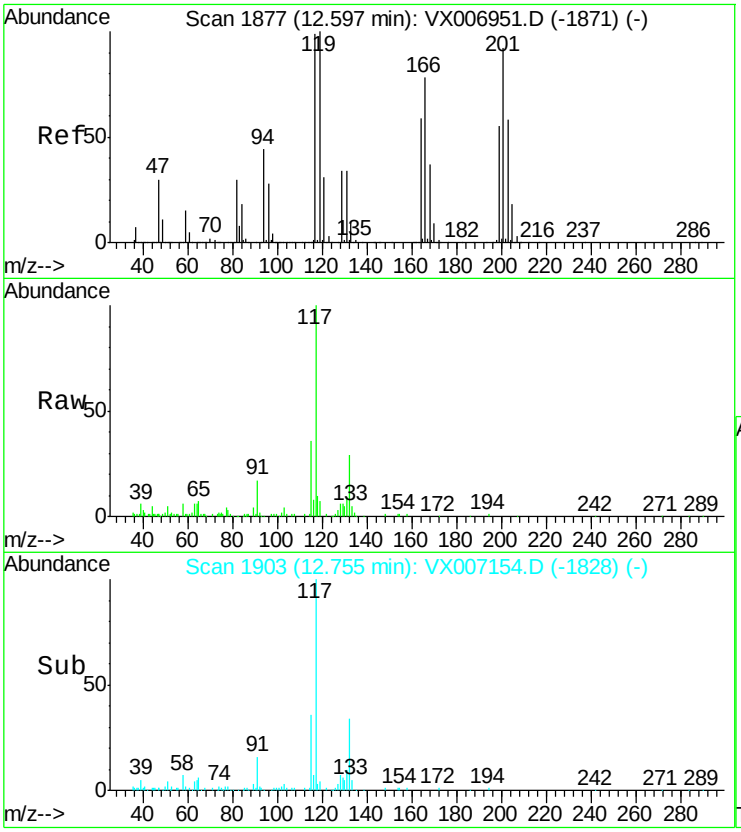


#88
1,4-Dichlorobenzene
Concen: 2.915 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion:146 Resp: 38805

Ion	Ratio	Lower	Upper
146	100		
111	48.4	18.1	54.1
148	70.8	31.9	95.9



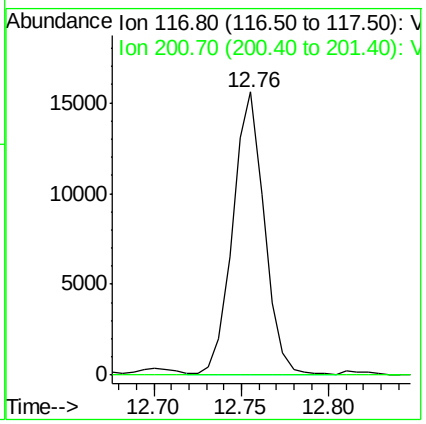


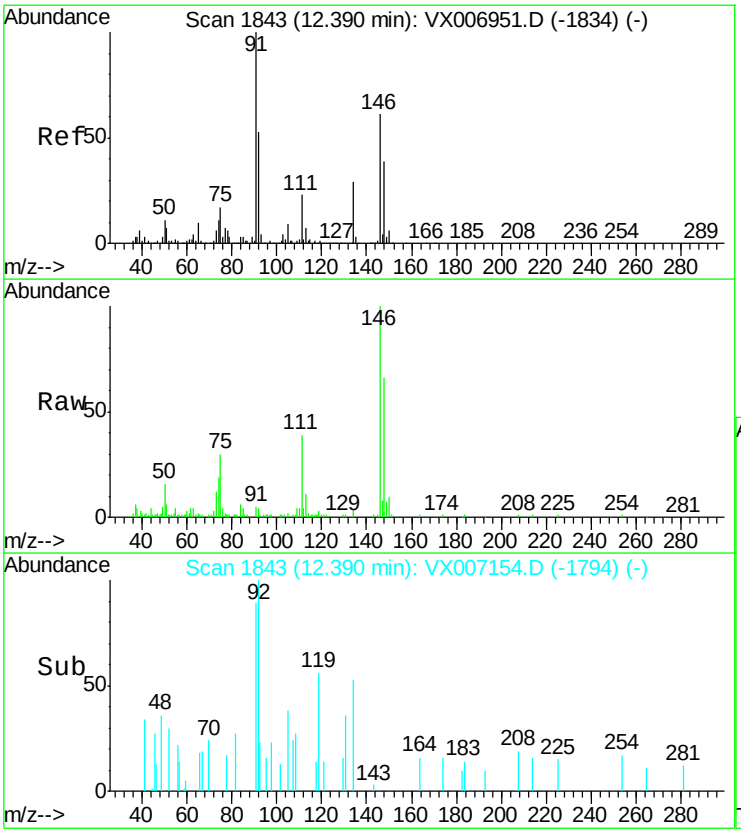
#90
Hexachloroethane
Concen: 7.294 ug/l
RT: 12.76 min Scan# 1903
Delta R.T. 0.16 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument : MSVOA_X
ClientSampleId : SA-TW523-3337

Tgt Ion:117 Resp: 19600

Ion	Ratio	Lower	Upper
117	100		
201	0.1	42.9	128.7#

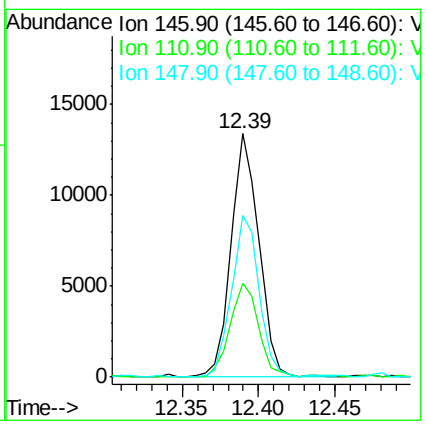


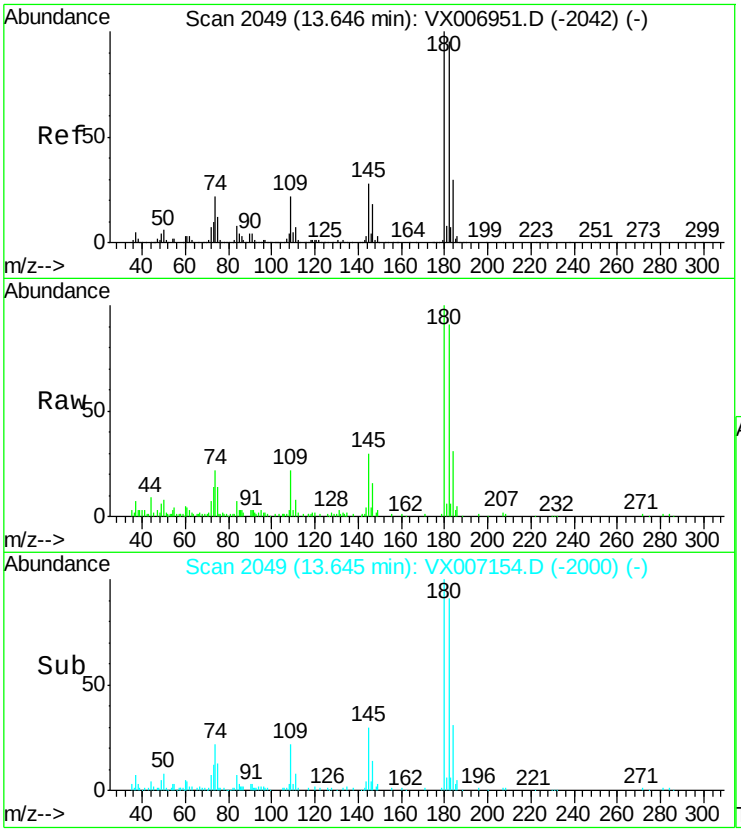


#91
1,2-Dichlorobenzene
Concen: 1.159 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion:146 Resp: 16867

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.2
148	65.7	32.3	96.9



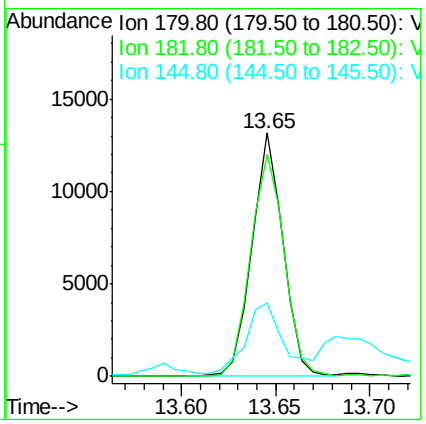


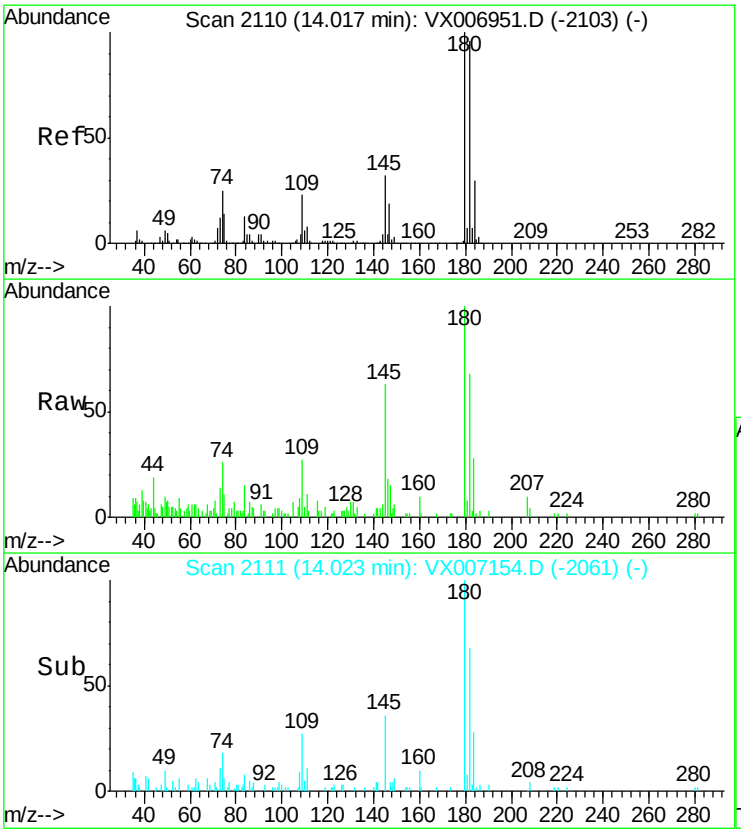
#93
1,2,4-Trichlorobenzene
Concen: 1.514 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-TW523-3337

Tgt Ion:180 Resp: 15115

Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.3	142.0
145	38.3	14.8	44.3





#96
1,2,3-Trichlorobenzene
Concen: 0.419 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX007154.D
Acq: 21 Jan 2019 13:10

Tgt Ion:180 Resp: 4152

Ion	Ratio	Lower	Upper
180	100		
182	80.4	48.5	145.5
145	102.9	16.0	47.9#