Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121018\
Data File : VX006392.D
Acq On : 11 Dec 2018 01:58
Operator : JC/MD
Sample : J6324-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-103D3-20181205

Quant Time: Dec 11 04:59:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	698582	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	1105974	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	993346	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	479182	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	365952	51.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.64%				
35) Dibromofluoromethane	5.51	113	337136	47.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.16%				
50) Toluene-d8	8.71	98	1276504	49.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.02%				
62) 4-Bromofluorobenzene	11.13	95	477278	48.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.26%				
Target Compounds							Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	11618	1.759	ug/l		92
11) Tert butyl alcohol	3.02	59	6145	3.151	ug/l	#	78
12) 1,1-Dichloroethene	2.38	96	2103	0.333	ug/l	#	77
16) Acetone	2.45	43	5523	1.650	ug/l		97
20) Methylene Chloride	2.85	84	2165	0.304	ug/l	#	74
24) 1,1-Dichloroethane	3.70	63	3527	0.316	ug/l	#	92
25) 2-Butanone	4.71	43	1163	0.244	ug/l	#	89
27) cis-1,2-Dichloroethene	4.61	96	4287	0.571	ug/l		83
30) Chloroform	5.21	83	4547	0.388	ug/l		92
31) Cyclohexane	5.67	56	10988	1.067	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	46078	4.947	ug/l	#	48
38) Carbon Tetrachloride	5.79	117	2314	0.211	ug/l	#	83
39) Methylcyclohexane	7.21	83	28051	2.320	ug/l	#	1
44) Trichloroethene	7.21	130	2674361	316.475	ug/l		93
49) 1,4-Dioxane	7.76	88	101	0.484	ug/l	#	1
55) 1,1,2-Trichloroethane	9.21	97	1610	0.216	ug/l	#	84
60) Dibromochloromethane	9.34	129	4480	0.487	ug/l	#	12
64) Tetrachloroethene	9.34	164	4285	0.573	ug/l	#	75
76) 1,2,3-Trichloropropane	11.13	75	217402	23.505	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.13	75	217402	55.161	ug/l	#	15

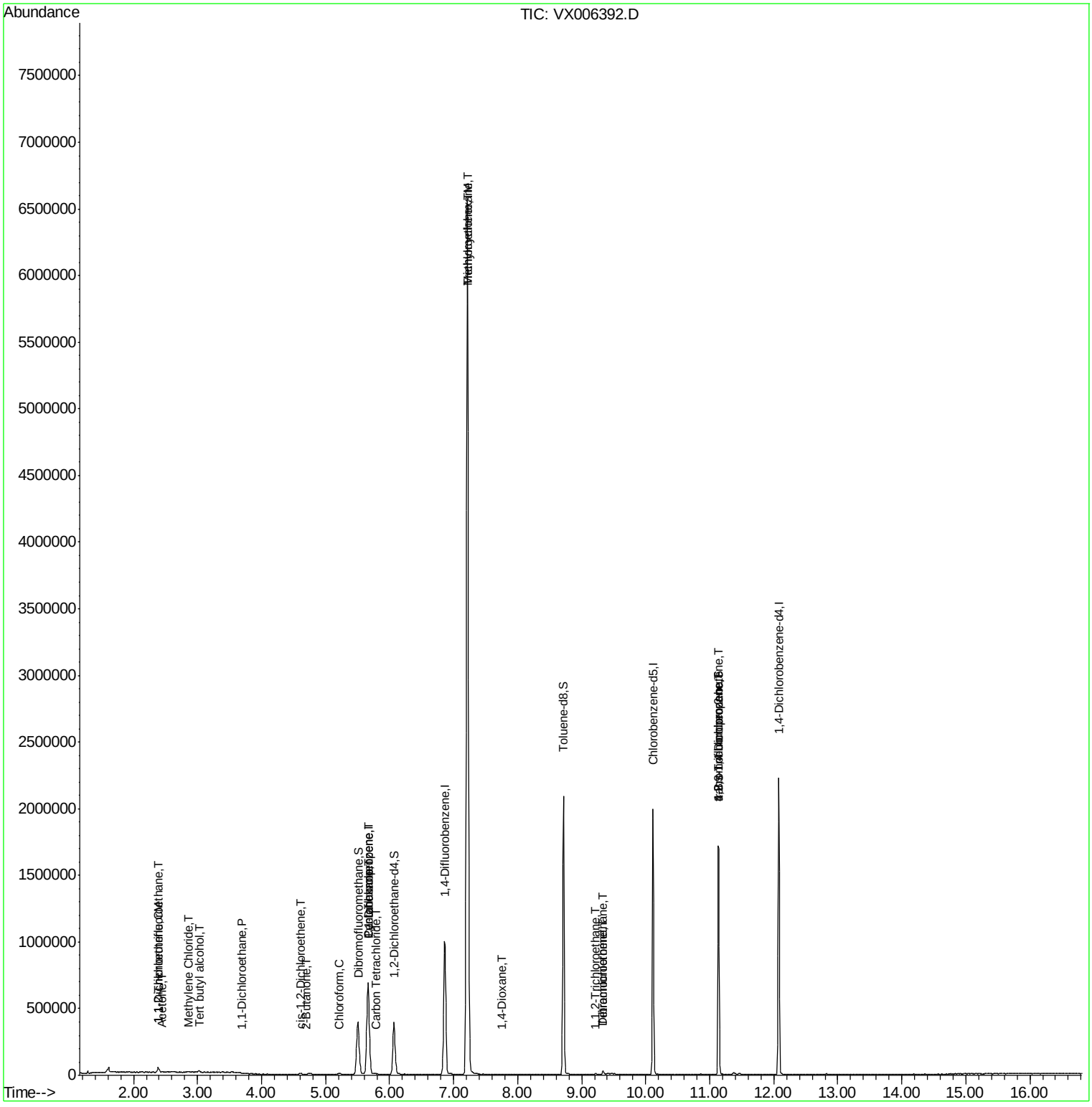
(#) = qualifier out of range (m) = manual integration (+) = signals summed

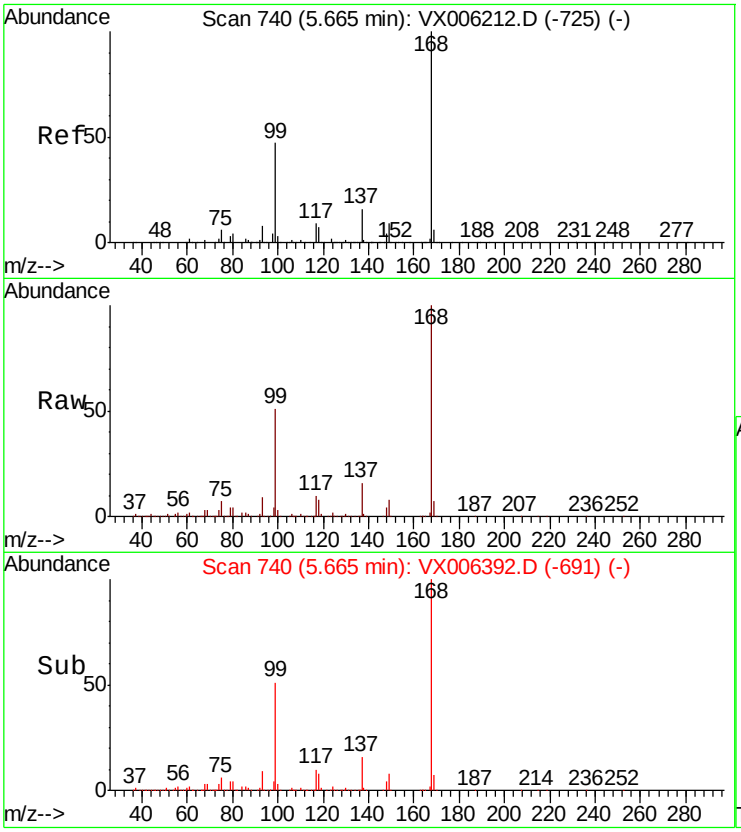
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
Data File : VX006392.D
Acq On : 11 Dec 2018 01:58
Operator : JC/MD
Sample : J6324-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Quant Time: Dec 11 04:59:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



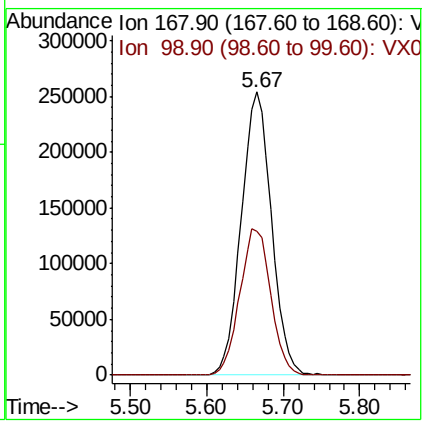


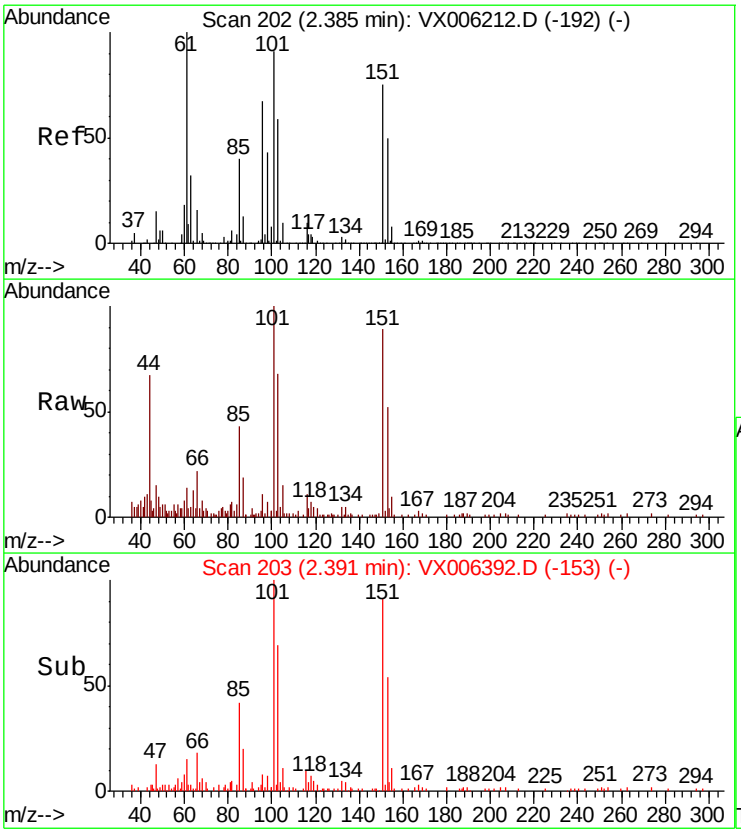
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion:168 Resp: 698582

Ion	Ratio	Lower	Upper
168	100		
99	51.0	37.8	56.8

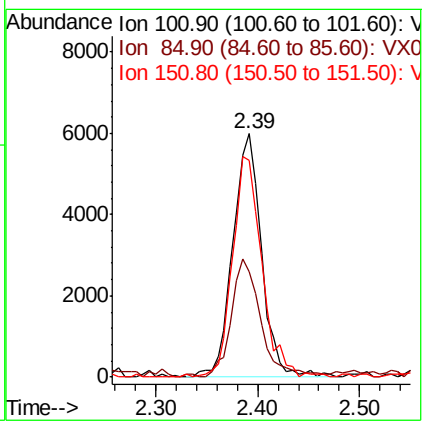


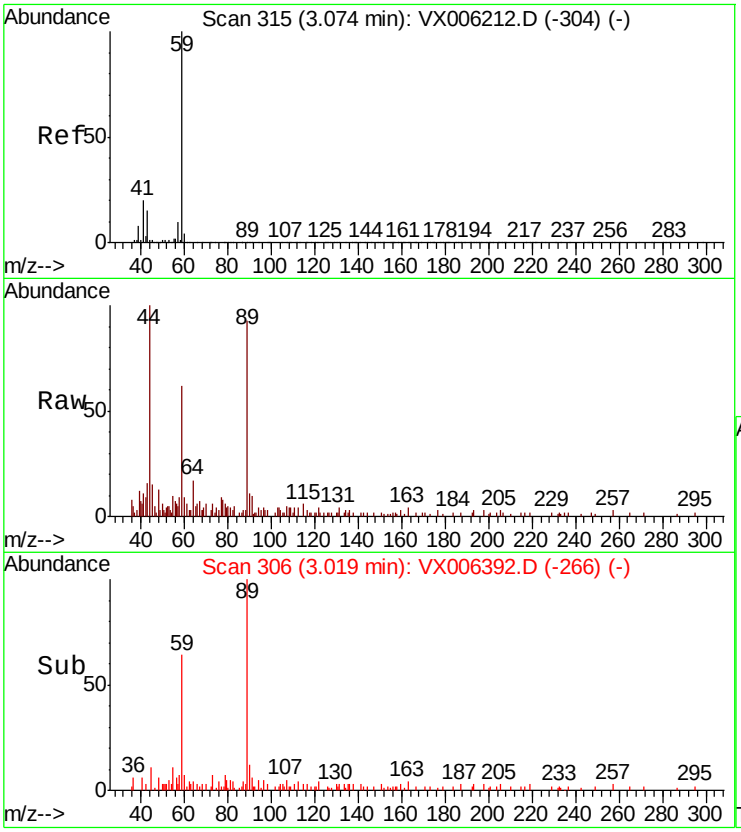


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.759 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion:101 Resp: 11618

Ion	Ratio	Lower	Upper
101	100		
85	50.3	35.5	53.3
151	92.3	68.6	103.0



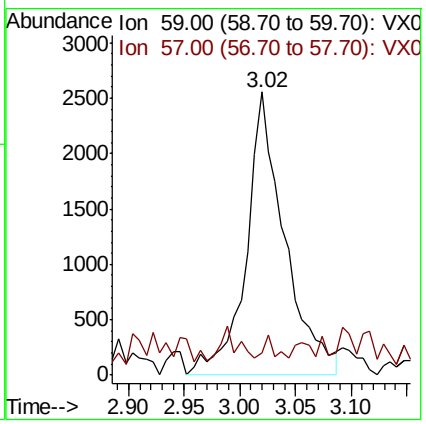


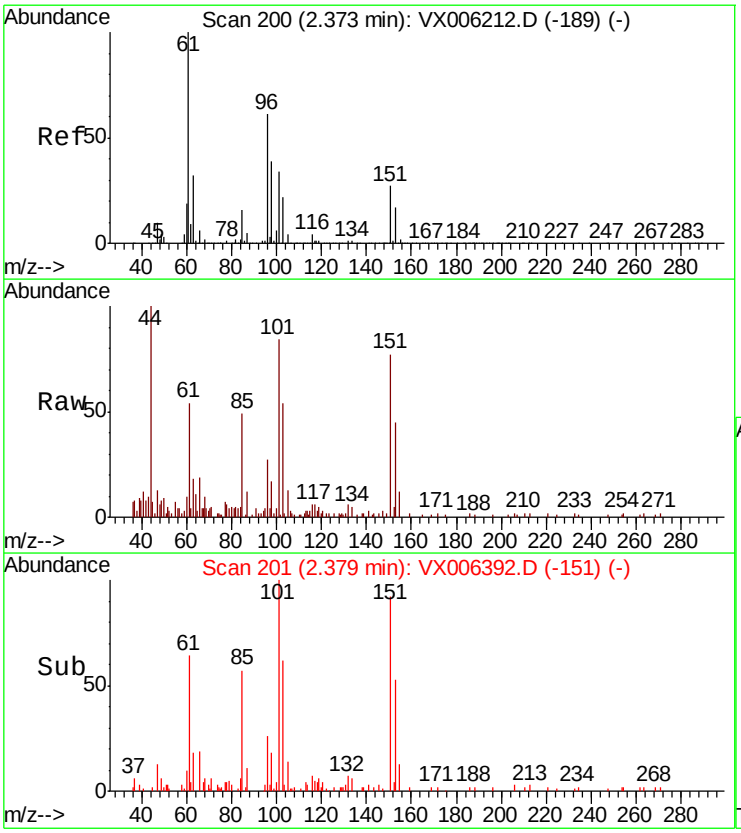
#11
Tert butyl alcohol
Concen: 3.151 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 59 Resp: 6145

Ion	Ratio	Lower	Upper
59	100		
57	2.0	8.2	12.2#

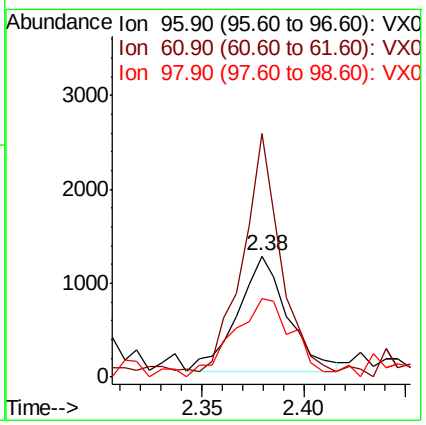


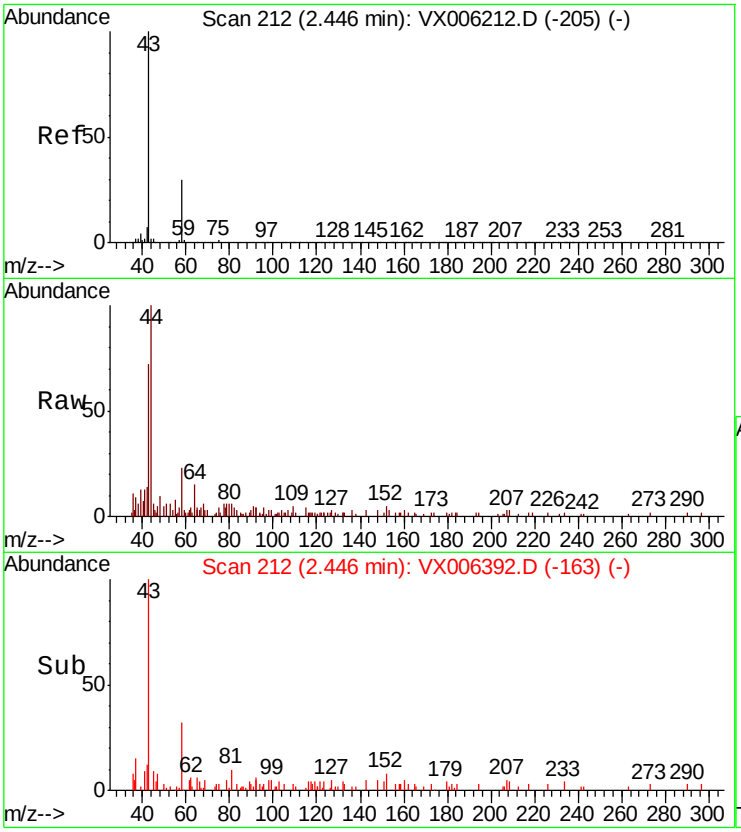


#12
1,1-Dichloroethene
Concen: 0.333 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion: 96 Resp: 2103

Ion	Ratio	Lower	Upper
96	100		
61	206.1	131.7	197.5#
98	68.0	51.8	77.6



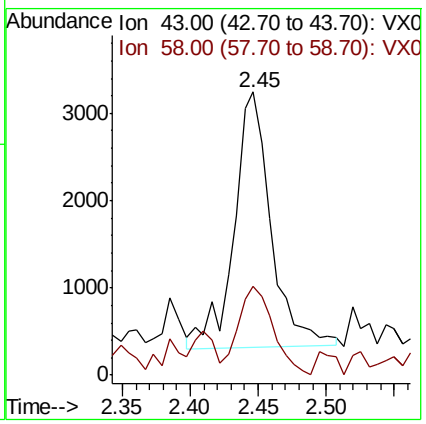


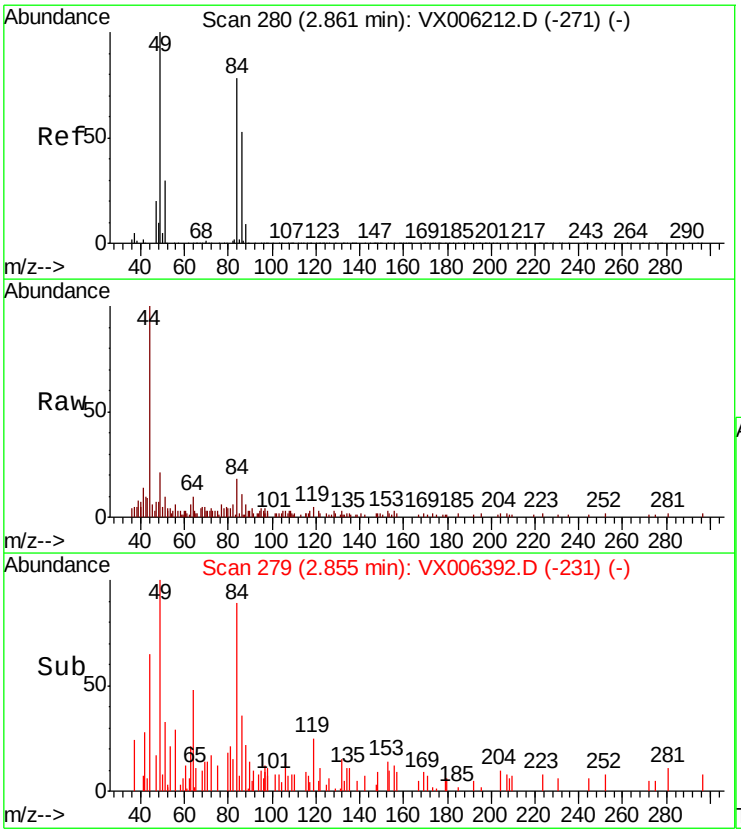
#16
Acetone
Concen: 1.650 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 43 Resp: 5523

Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.0	36.0

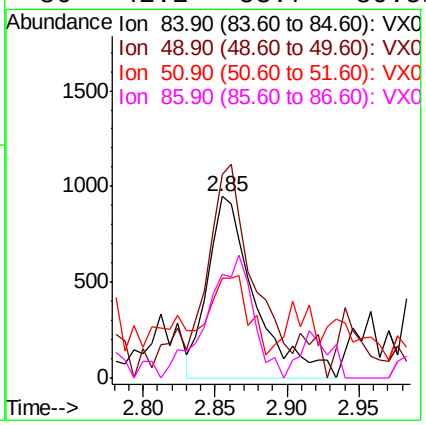


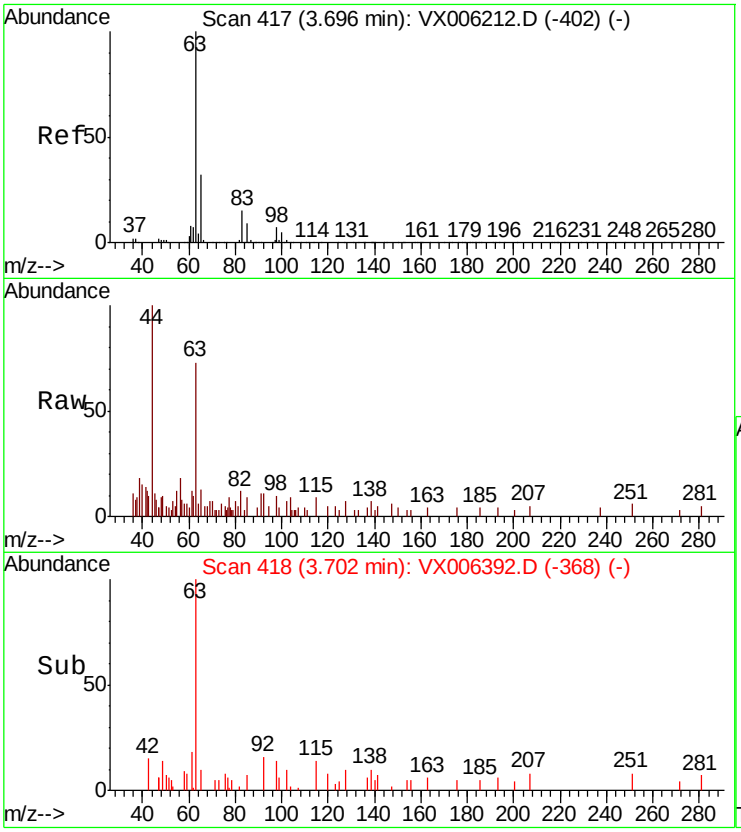


#20
Methylene Chloride
Concen: 0.304 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion: 84 Resp: 2165

Ion	Ratio	Lower	Upper
84	100		
49	96.6	102.2	153.4#
51	29.3	31.1	46.7#
86	42.2	53.7	80.5#



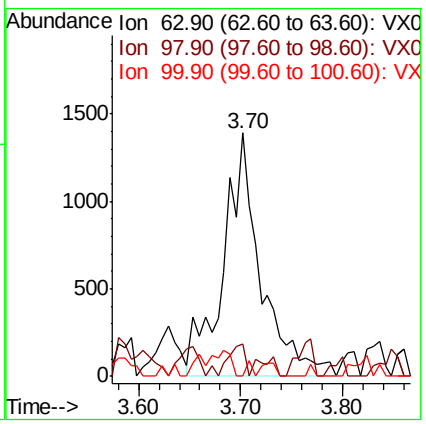


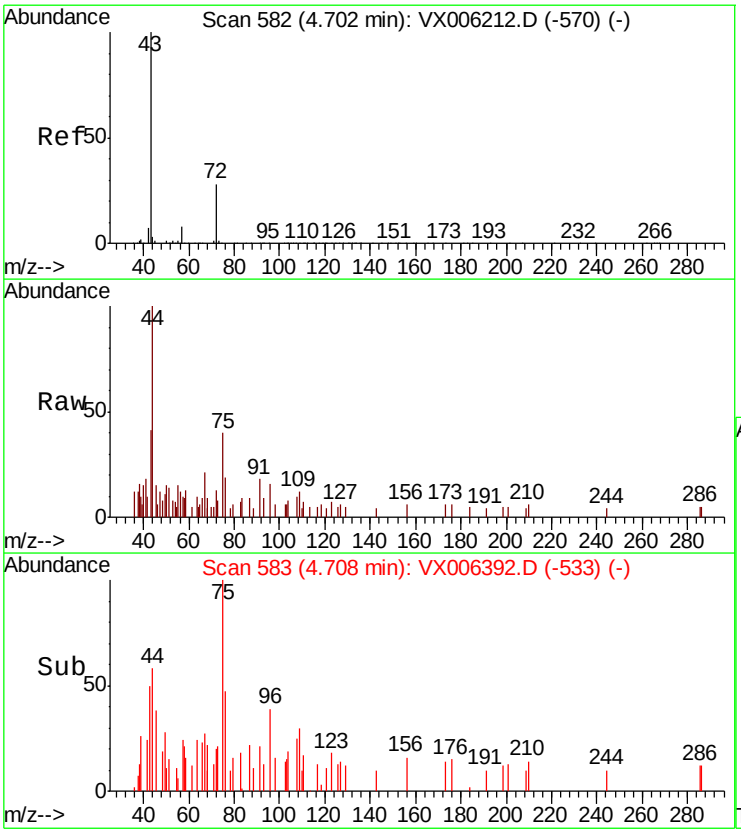
#24
1,1-Dichloroethane
Concen: 0.316 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 63 Resp: 3527

Ion	Ratio	Lower	Upper
63	100		
98	8.8	3.8	11.4
100	0.0	2.5	7.4#

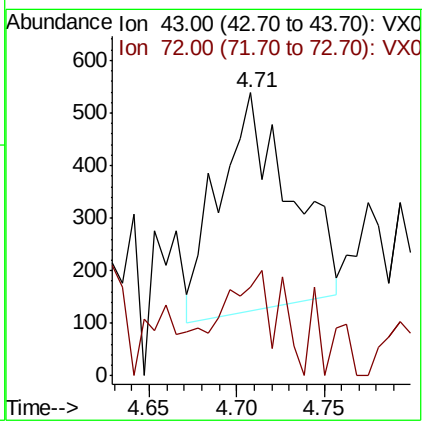


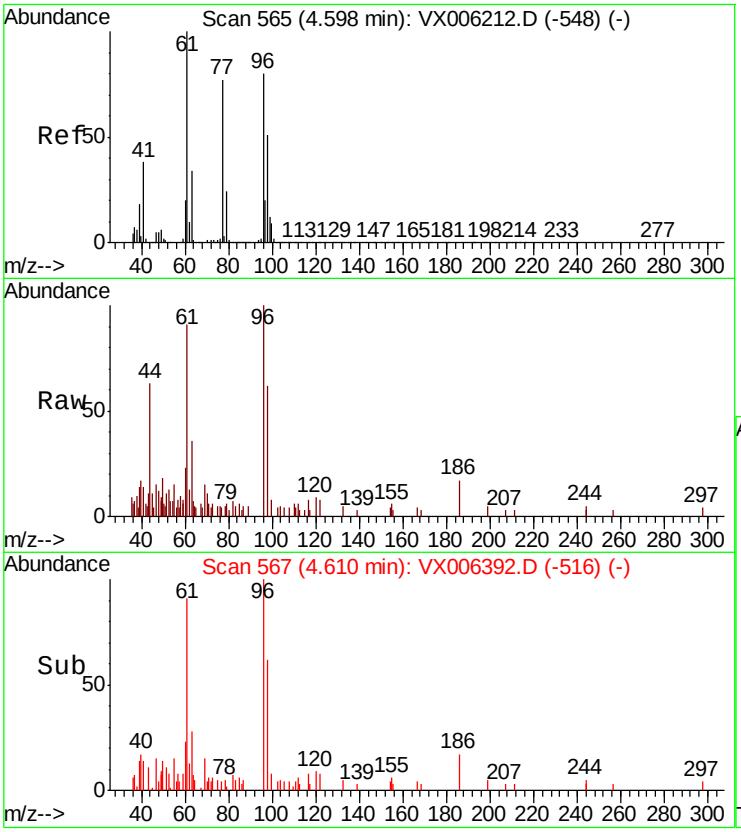


#25
2-Butanone
Concen: 0.244 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion: 43 Resp: 1163

Ion	Ratio	Lower	Upper
43	100		
72	22.2	22.6	33.8#



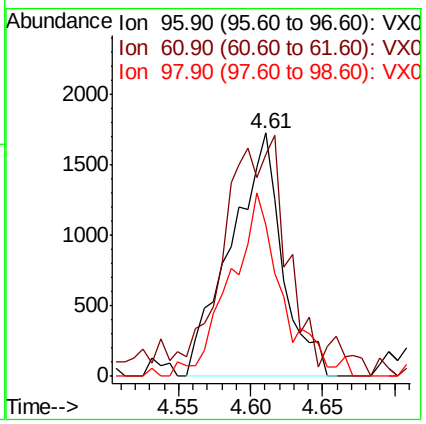


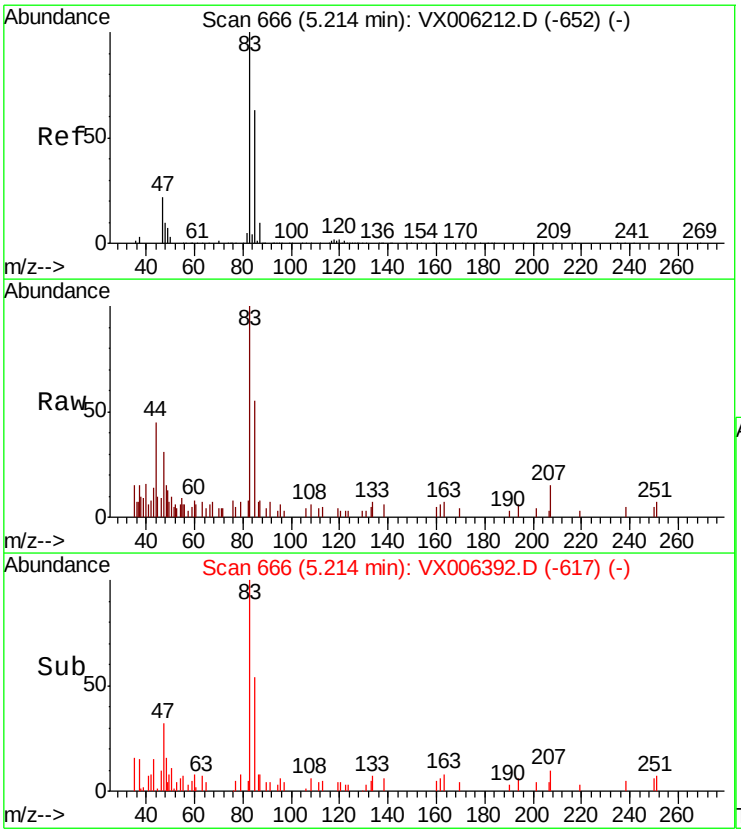
#27
cis-1,2-Dichloroethene
Concen: 0.571 ug/l
RT: 4.61 min Scan# 567
Delta R.T. 0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 96 Resp: 4287

Ion	Ratio	Lower	Upper
96	100		
61	110.7	0.0	265.0
98	76.3	0.0	130.2

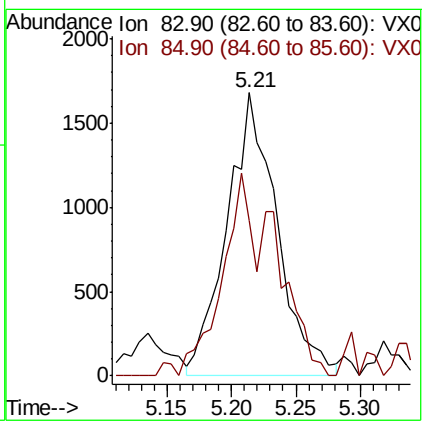


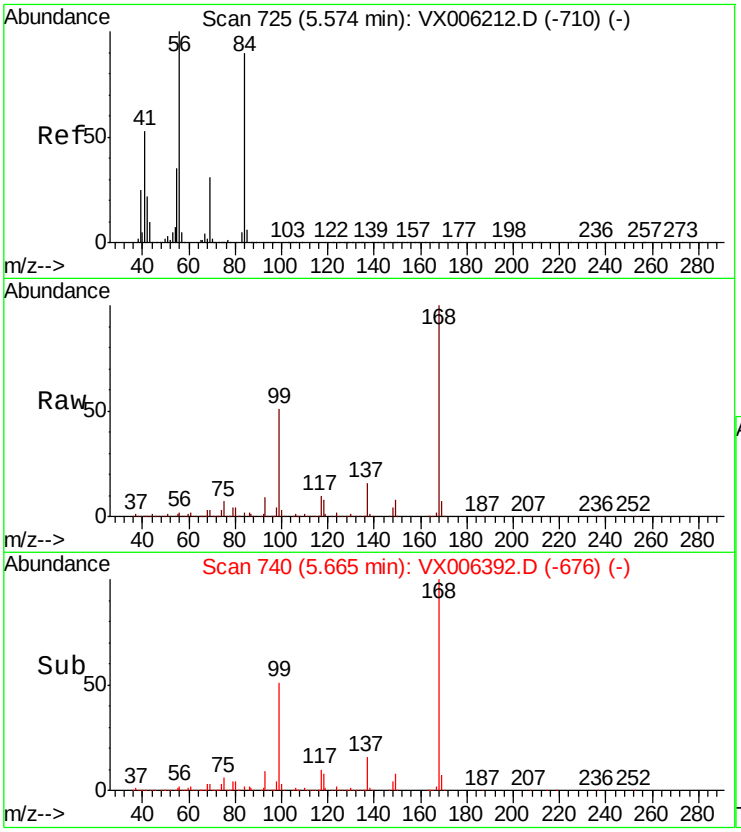


#30
Chloroform
Concen: 0.388 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion: 83 Resp: 4547

Ion	Ratio	Lower	Upper
83	100		
85	56.7	50.3	75.5



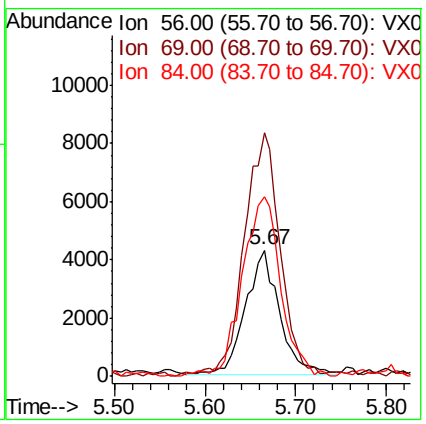


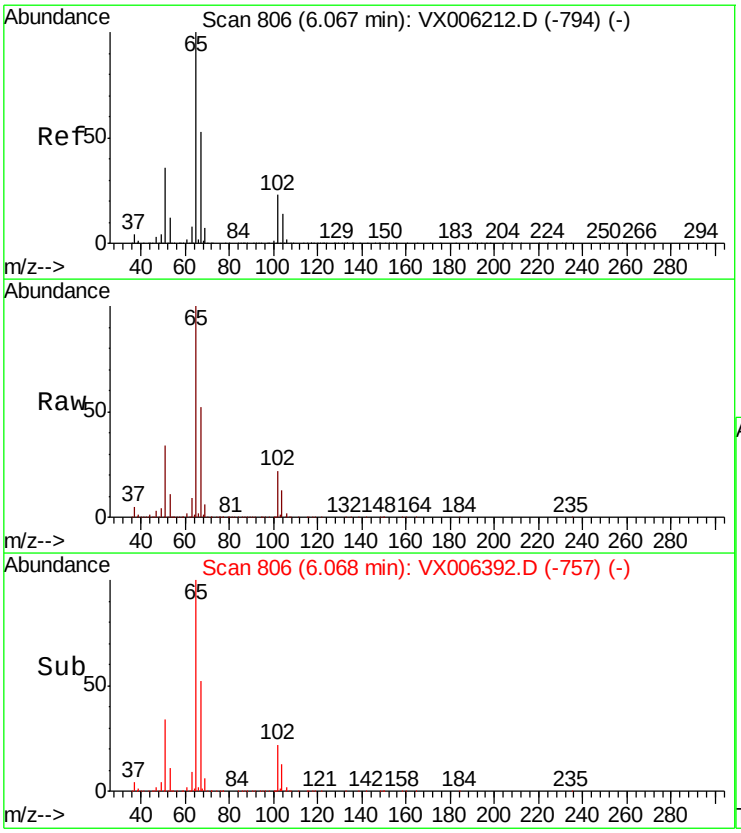
#31
Cyclohexane
Concen: 1.067 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 56 Resp: 10988

Ion	Ratio	Lower	Upper
56	100		
69	196.6	24.5	36.7#
84	146.1	71.8	107.6#

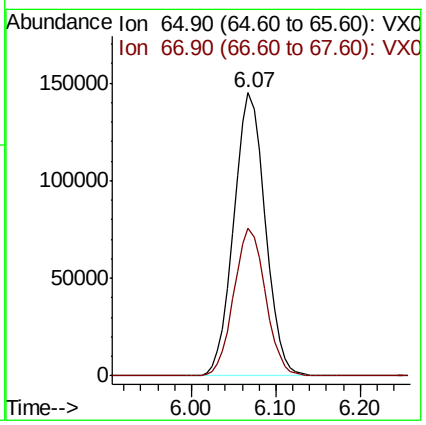


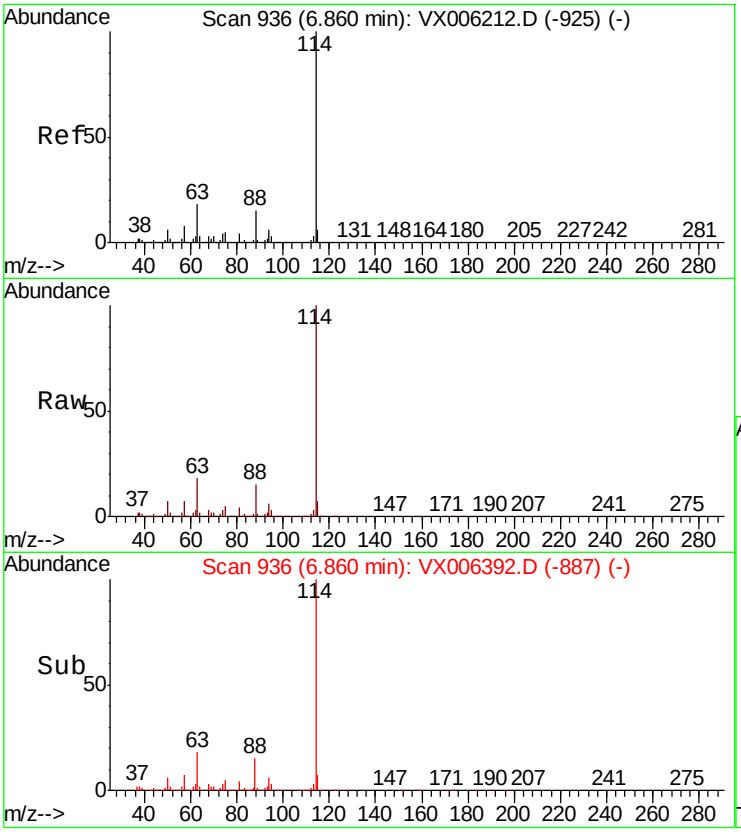


#33
1,2-Dichloroethane-d4
Concen: 51.316 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion: 65 Resp: 365952

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.2



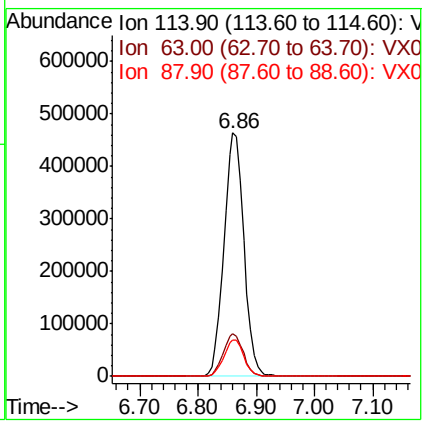


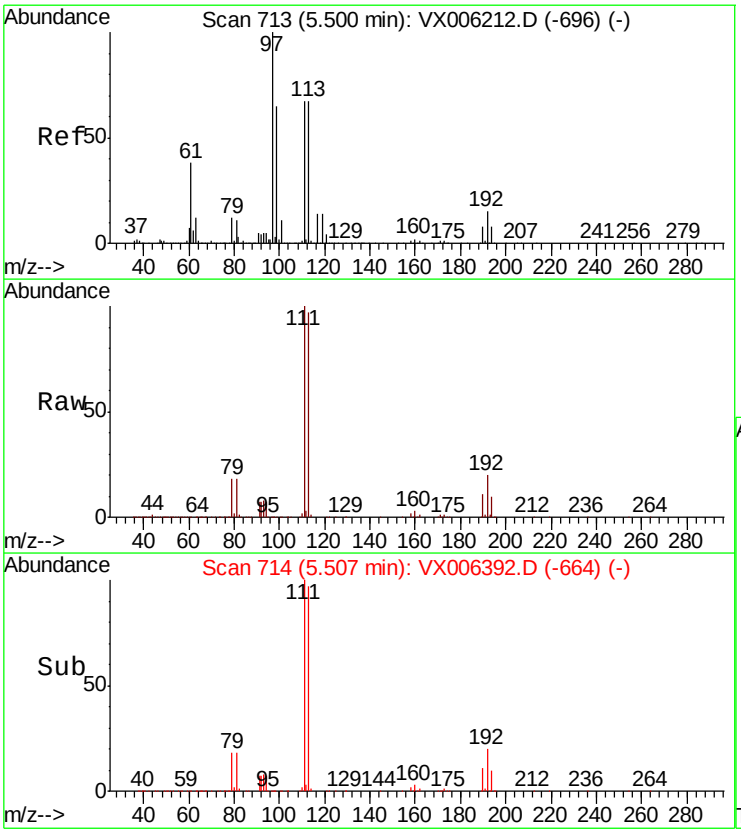
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion:114 Resp: 1105974

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.6
88	14.8	0.0	29.0

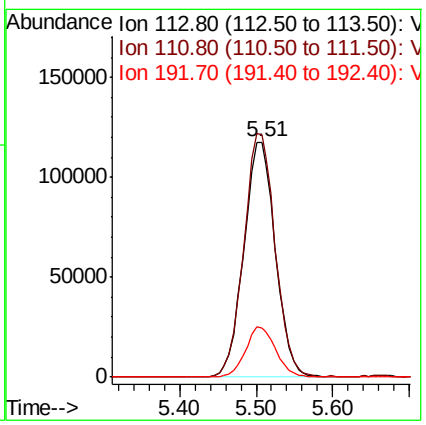


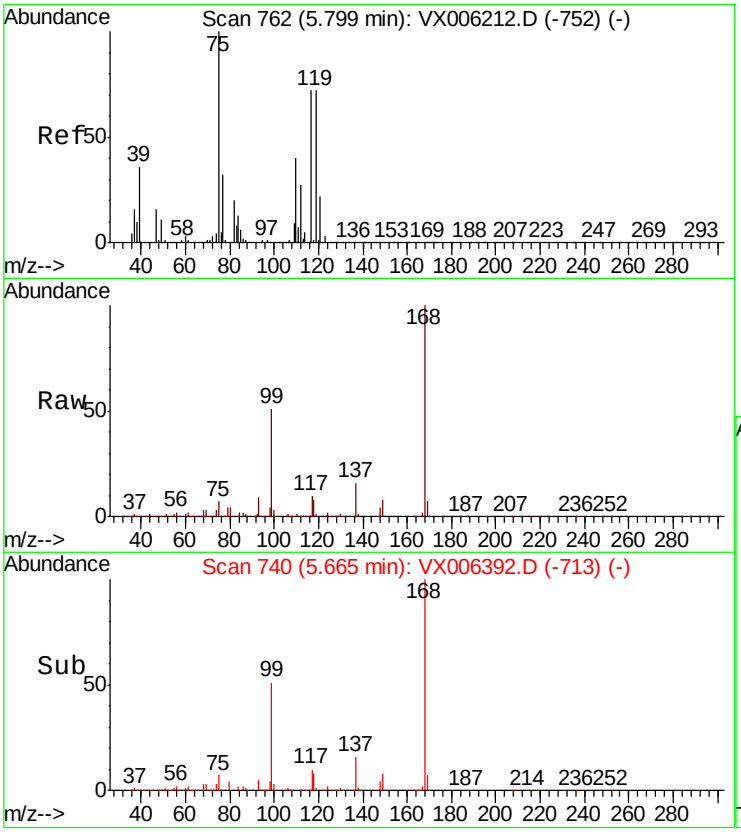


#35
Dibromofluoromethane
Concen: 47.081 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion:113 Resp: 337136

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.1	121.7
192	20.5	18.2	27.2



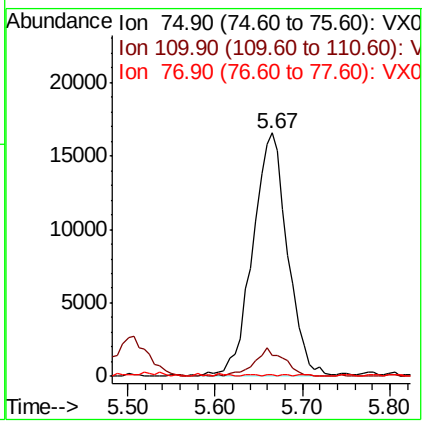


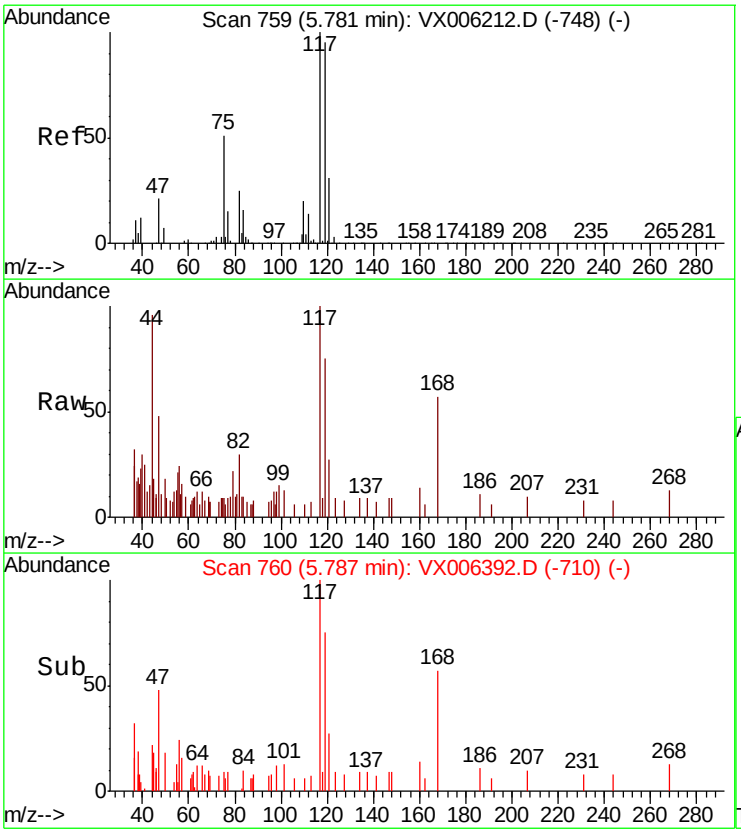
#36
1,1-Dichloropropene
Concen: 4.947 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 75 Resp: 46078

Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.4	61.3#
77	0.2	24.9	37.3#

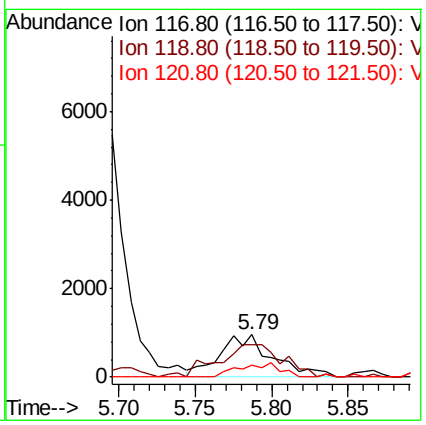


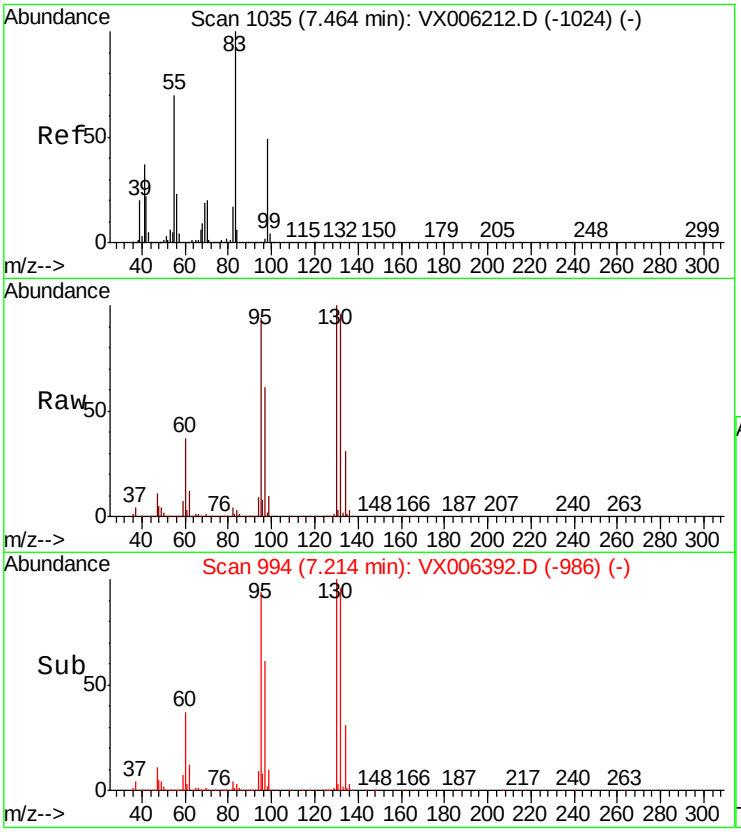


#38
Carbon Tetrachloride
Concen: 0.211 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion:117 Resp: 2314

Ion	Ratio	Lower	Upper
117	100		
119	75.4	75.8	113.8#
121	27.0	24.6	37.0



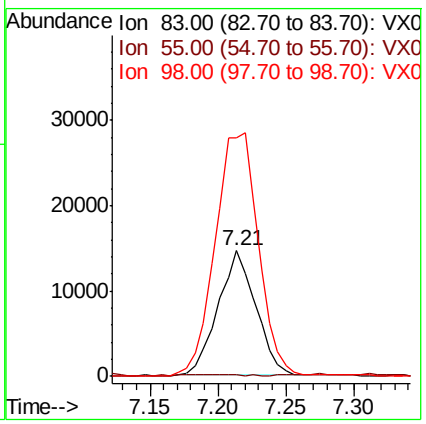


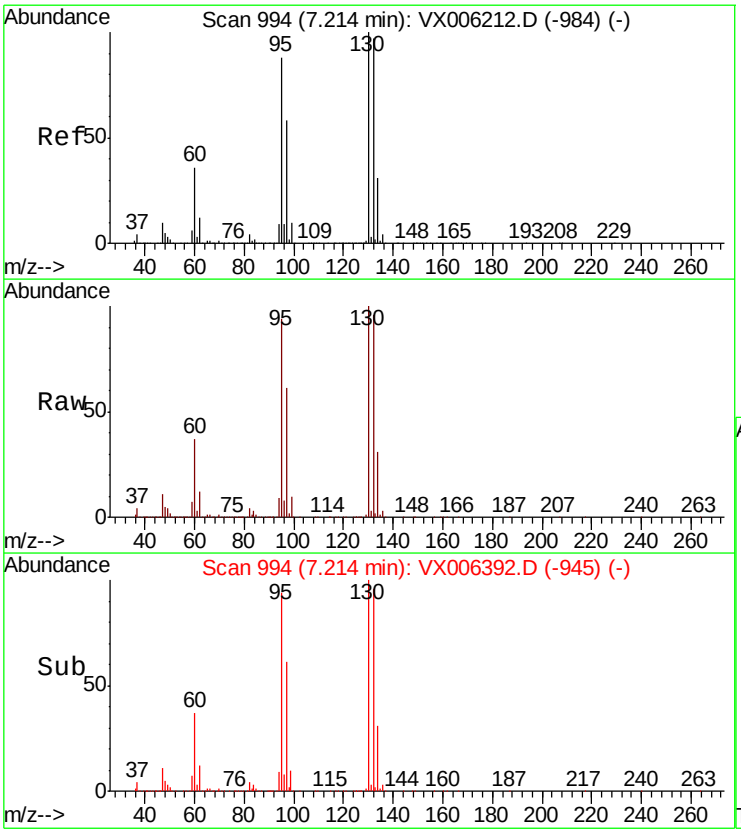
#39
Methylcyclohexane
Concen: 2.320 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 83 Resp: 28051

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.4	84.6#
98	190.0	39.0	58.6#

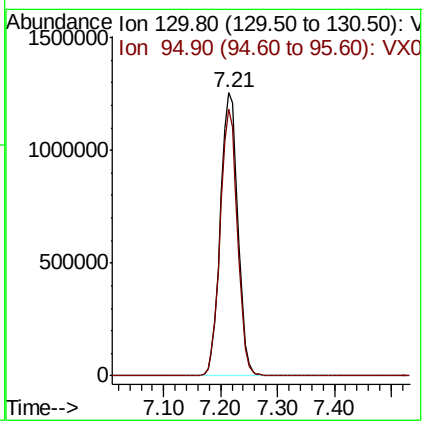


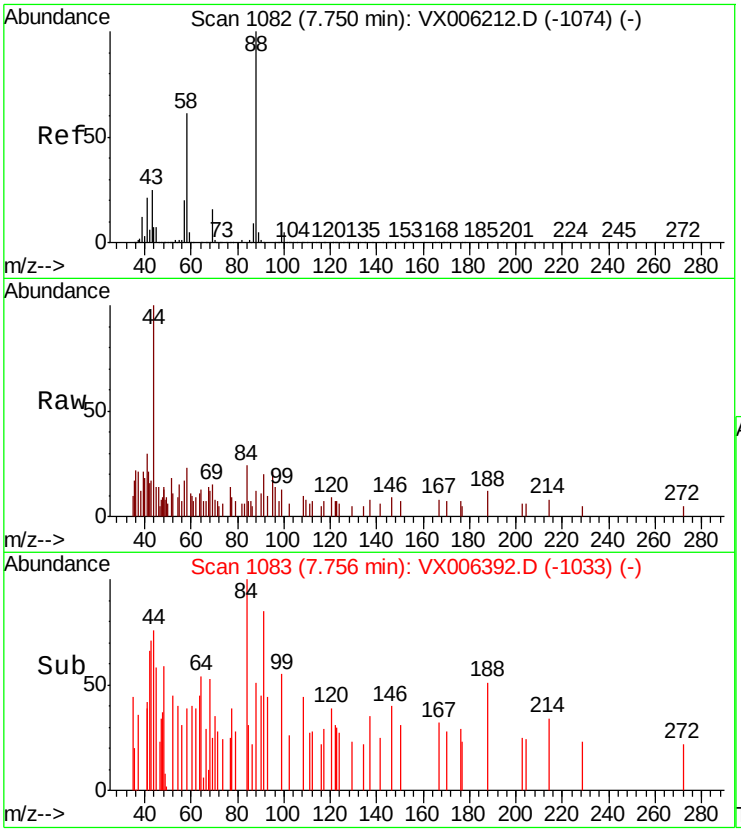


#44
Trichloroethene
Concen: 316.475 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion:130 Resp: 2674361

Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	175.8



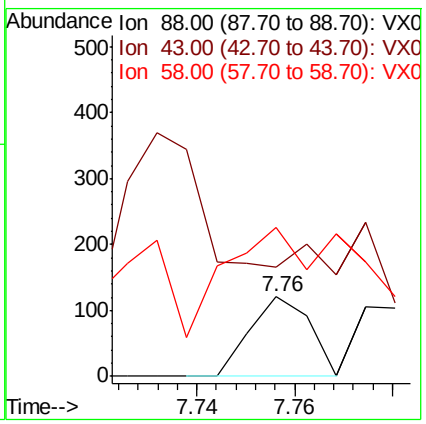


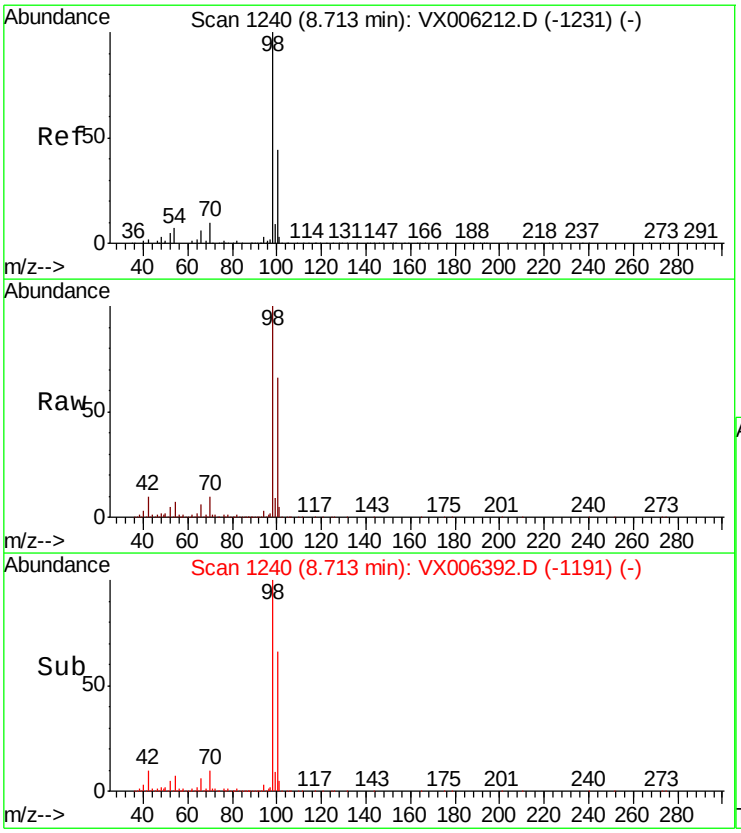
#49
1,4-Dioxane
Concen: 0.484 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 88 Resp: 101

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	491.1	51.4	77.0#

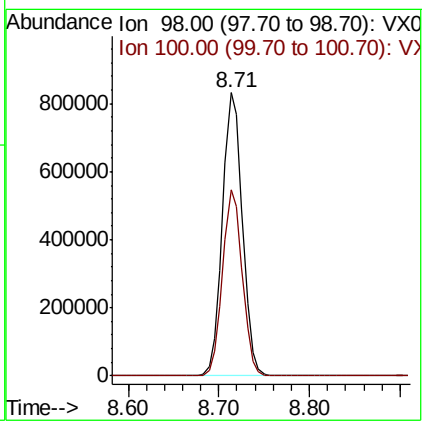


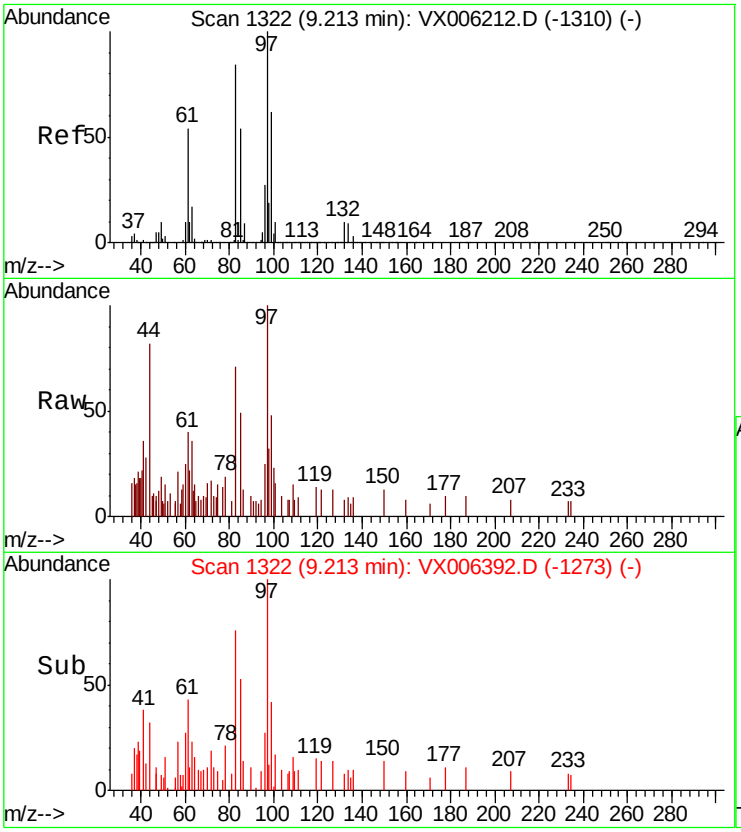


#50
Toluene-d8
Concen: 49.008 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion: 98 Resp: 1276504

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2



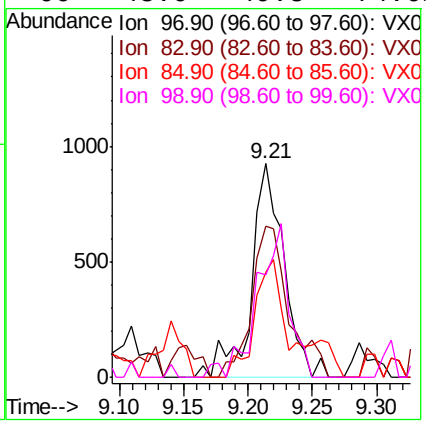


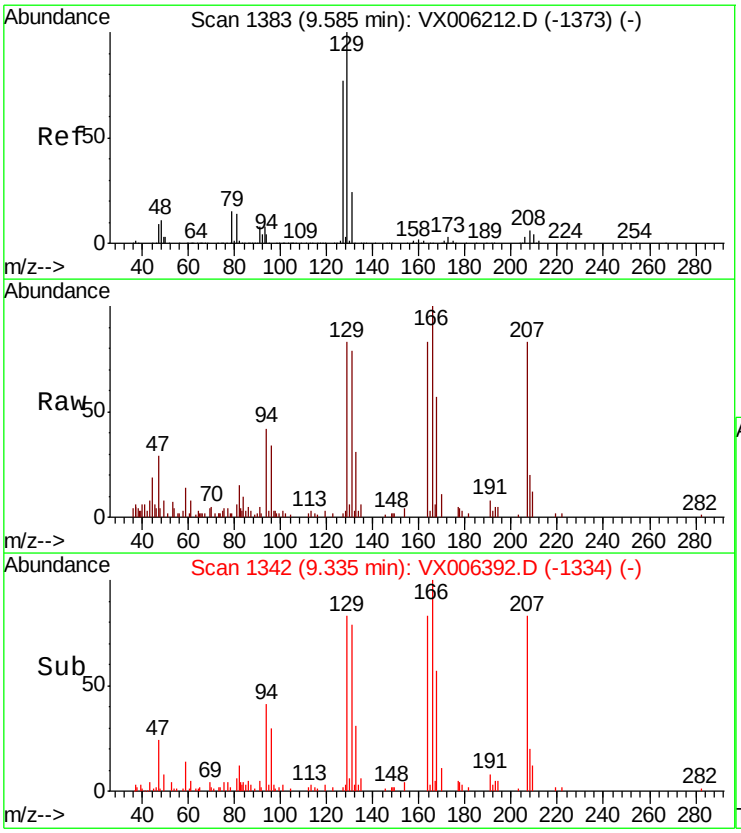
#55
1,1,2-Trichloroethane
Concen: 0.216 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 97 Resp: 1610

Ion	Ratio	Lower	Upper
97	100		
83	70.7	67.1	100.7
85	41.9	43.2	64.8#
99	48.0	49.8	74.6#

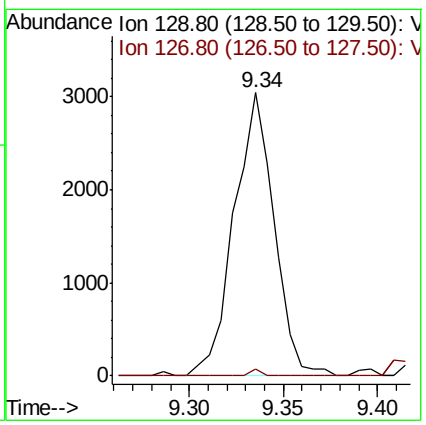


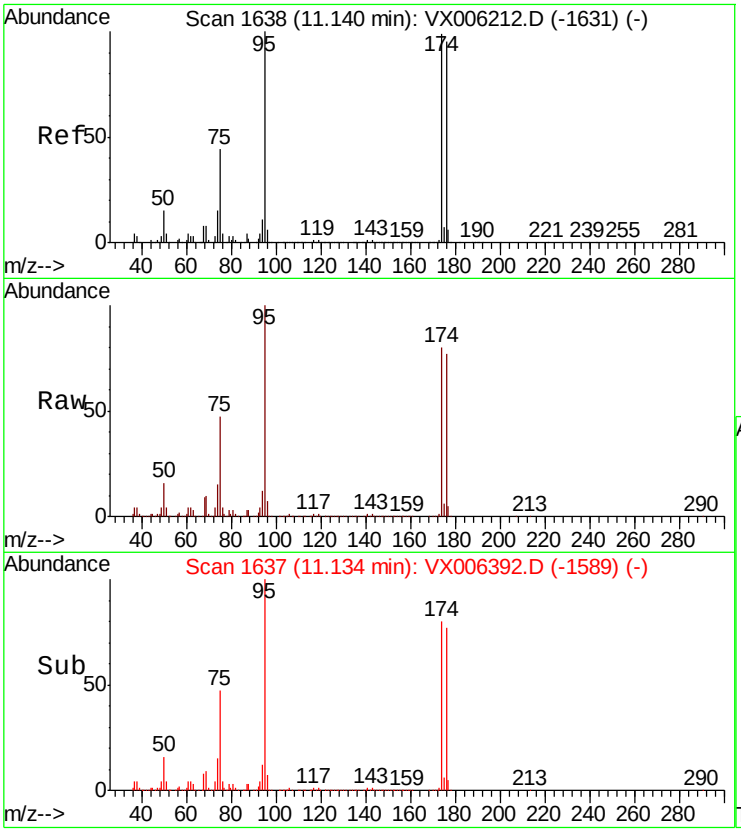


#60
Dibromochloromethane
Concen: 0.487 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion:129 Resp: 4480

Ion	Ratio	Lower	Upper
129	100		
127	0.6	38.6	115.8#



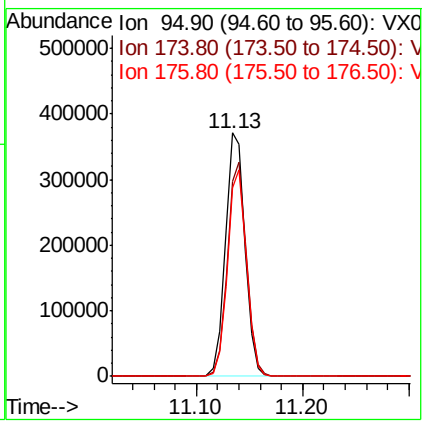


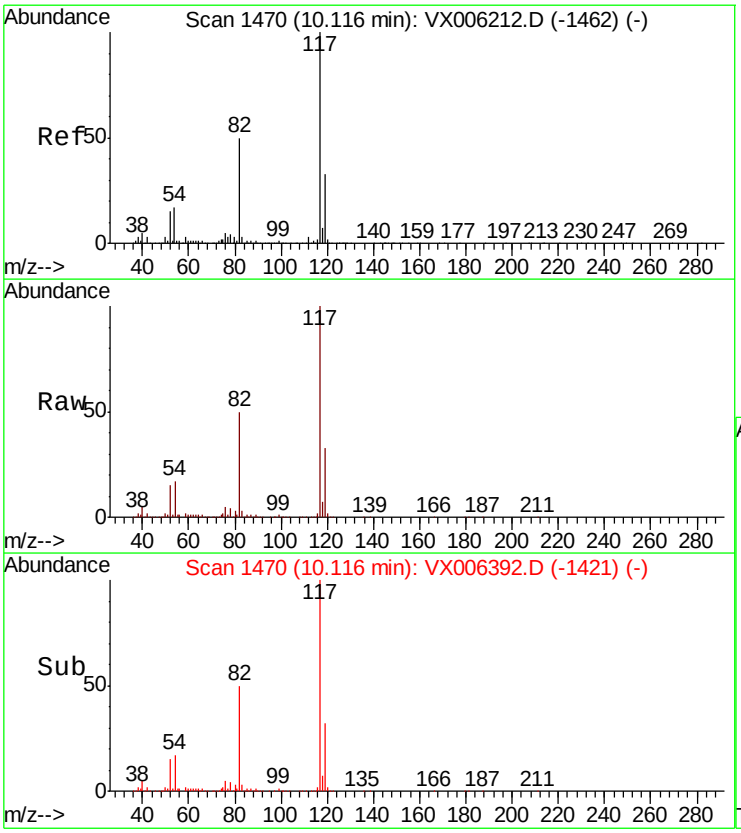
#62
4-Bromofluorobenzene
Concen: 48.627 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 95 Resp: 477278

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	187.0
176	83.1	0.0	181.8

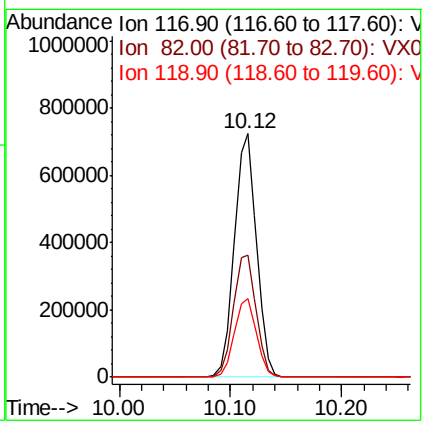


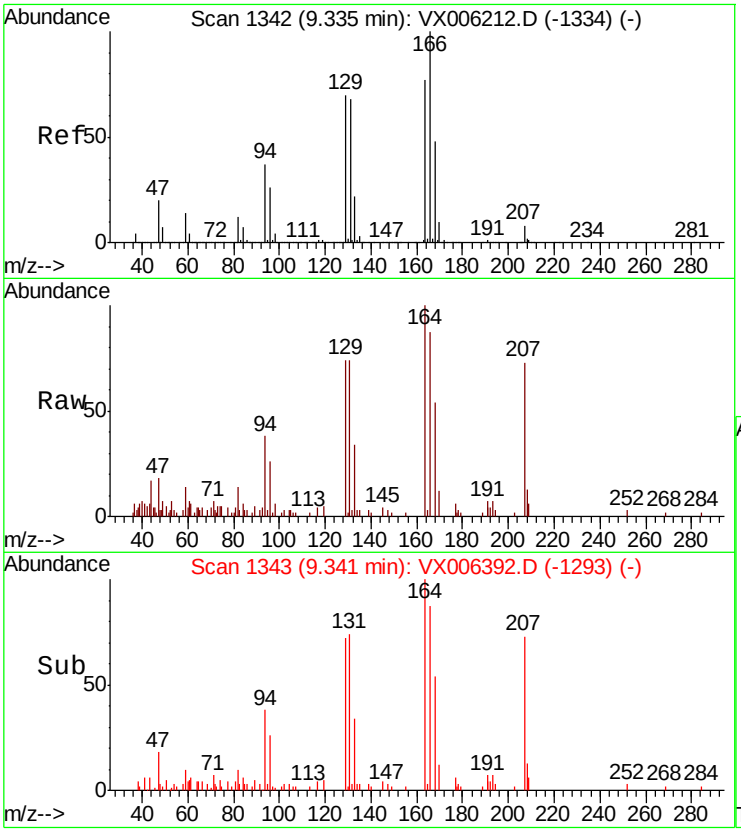


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion:117 Resp: 993346

Ion	Ratio	Lower	Upper
117	100		
82	50.4	39.6	59.4
119	32.5	26.3	39.5



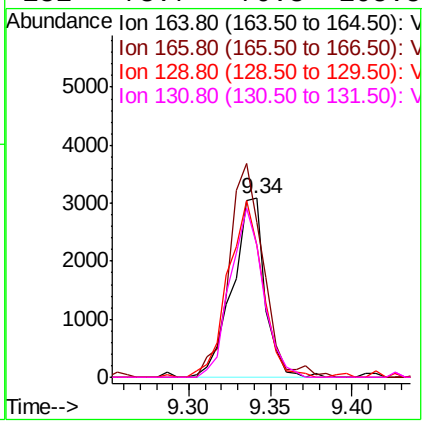


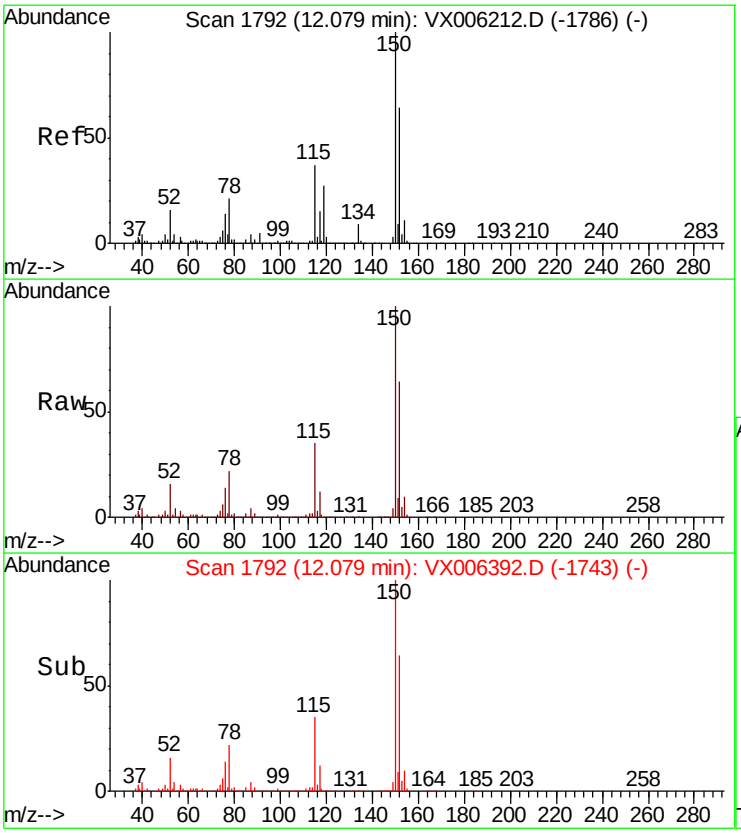
#64
Tetrachloroethene
Concen: 0.573 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion:164 Resp: 4285

Ion	Ratio	Lower	Upper
164	100		
166	86.5	104.2	156.2#
129	74.0	72.6	108.8
131	73.7	70.3	105.5

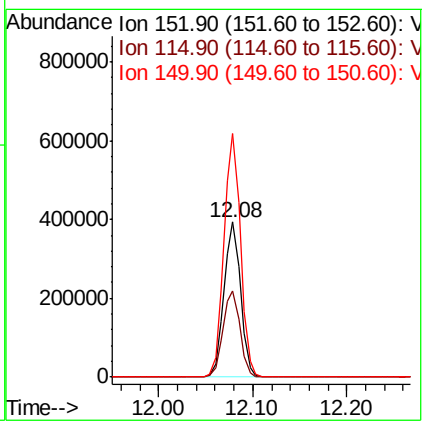


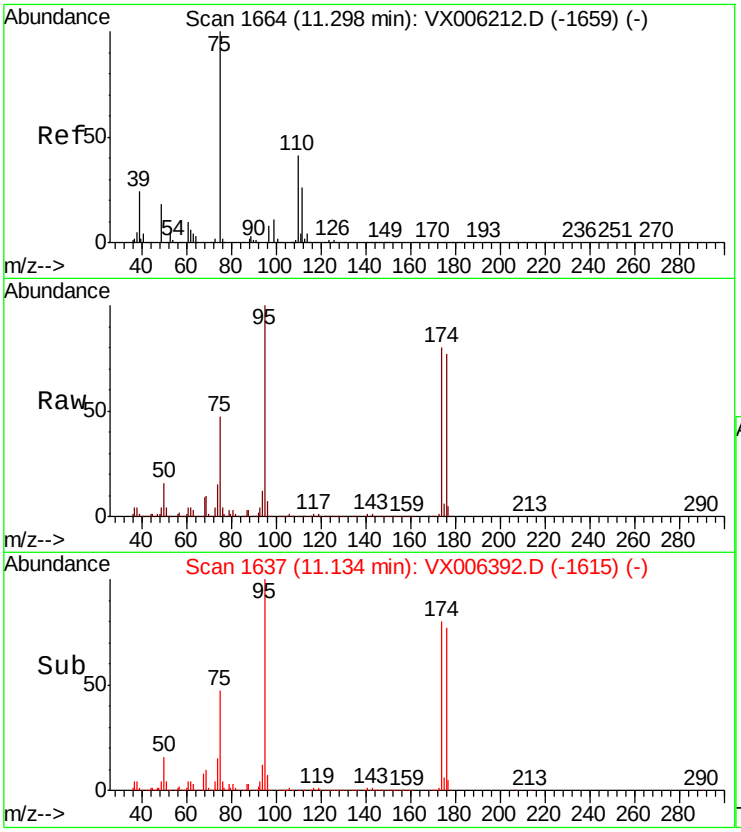


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion:152 Resp: 479182

Ion	Ratio	Lower	Upper
152	100		
115	56.9	39.0	116.9
150	156.9	0.0	345.8



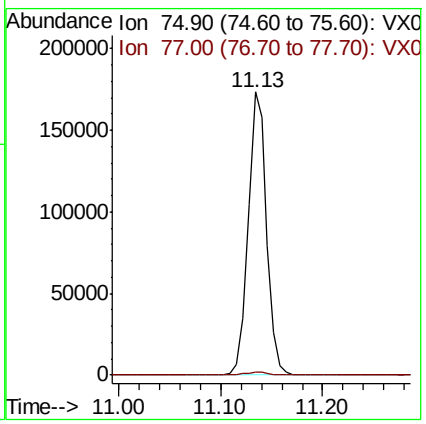


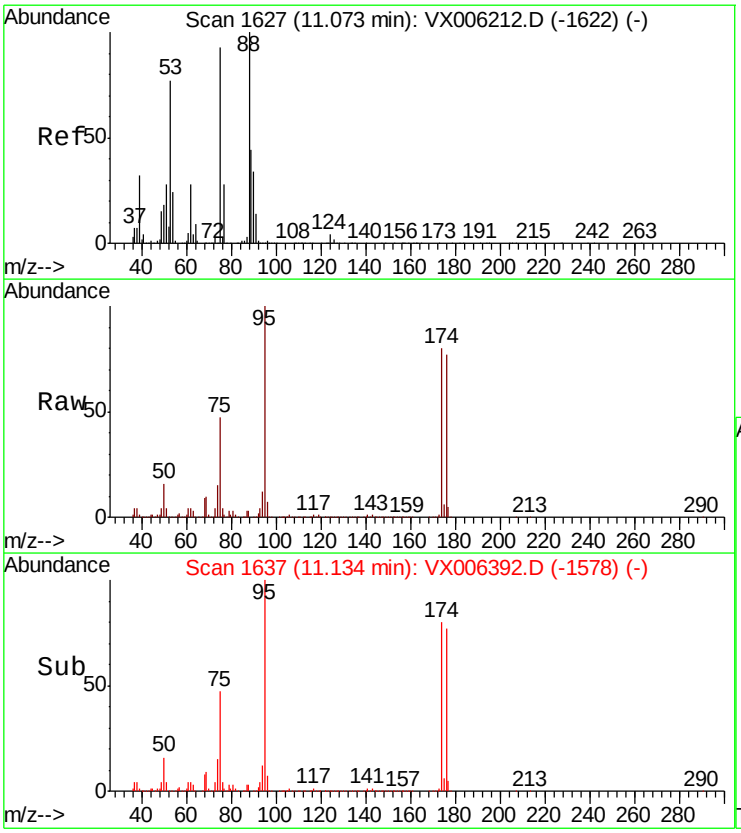
#76
1,2,3-Trichloropropane
Concen: 23.505 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181205

Tgt Ion: 75 Resp: 217402

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.9	59.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 55.161 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006392.D
Acq: 11 Dec 2018 01:58

Tgt Ion: 75 Resp: 217402

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.4	96.6#
89	0.1	44.2	66.4#