Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005124.D
Acq On : 08 Oct 2018 13:48
Operator : JC/MD
Sample : J5189-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-105D1-20180927

Quant Time: Oct 09 05:53:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144126	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.08%			
35) Dibromofluoromethane	5.50	113	123239	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.78%			
50) Toluene-d8	8.71	98	443896	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.70%			
62) 4-Bromofluorobenzene	11.14	95	155945	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	1080	0.409	ug/l	94
5) Bromomethane	1.64	94	594	0.333	ug/l	80
6) Chloroethane	1.73	64	132	Below Cal	#	45
9) 1,1,2-Trichlorotrifluoroet	2.39	101	11293	5.324	ug/l	97
11) Tert butyl alcohol	3.03	59	11678	15.080	ug/l #	79
12) 1,1-Dichloroethene	2.37	96	1942	0.924	ug/l	88
14) Allyl chloride	2.62	41	8921	1.946	ug/l #	57
16) Acetone	2.45	43	2805	1.735	ug/l	97
18) Methyl Acetate	2.62	43	23261	5.678	ug/l #	54
20) Methylene Chloride	2.86	84	437	Below Cal	#	66
24) 1,1-Dichloroethane	3.70	63	1102	0.239	ug/l #	59
27) cis-1,2-Dichloroethene	4.60	96	4051	1.577	ug/l	96
30) Chloroform	5.22	83	1183	0.272	ug/l	86
31) Cyclohexane	5.67	56	3536	1.003	ug/l #	1
32) 1,1,1-Trichloroethane	5.50	97	1206	0.339	ug/l #	43
36) 1,1-Dichloropropene	5.67	75	13628	3.841	ug/l #	46
38) Carbon Tetrachloride	5.78	117	1287	0.345	ug/l #	79
39) Methylcyclohexane	7.21	83	3018	0.833	ug/l #	1
44) Trichloroethene	7.21	130	257772	94.408	ug/l	96
49) 1,4-Dioxane	7.76	88	1195	15.591	ug/l #	66
51) 4-Methyl-2-Pentanone	8.71	43	2072	0.484	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.40	63	19	14.250	ug/l #	49
60) Dibromochloromethane	9.34	129	657	0.246	ug/l #	10
64) Tetrachloroethene	9.34	164	740	0.251	ug/l #	85
70) Styrene	10.56	104	19	2.143	ug/l #	25
74) N-amyl acetate	10.90	43	184	1.779	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	76775	20.699	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.43	105	86	Below Cal		95
81) trans-1,4-Dichloro-2-buten	11.14	75	76775	56.197	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	278	Below Cal		95
95) Naphthalene	13.83	128	418	0.749	ug/l #	78

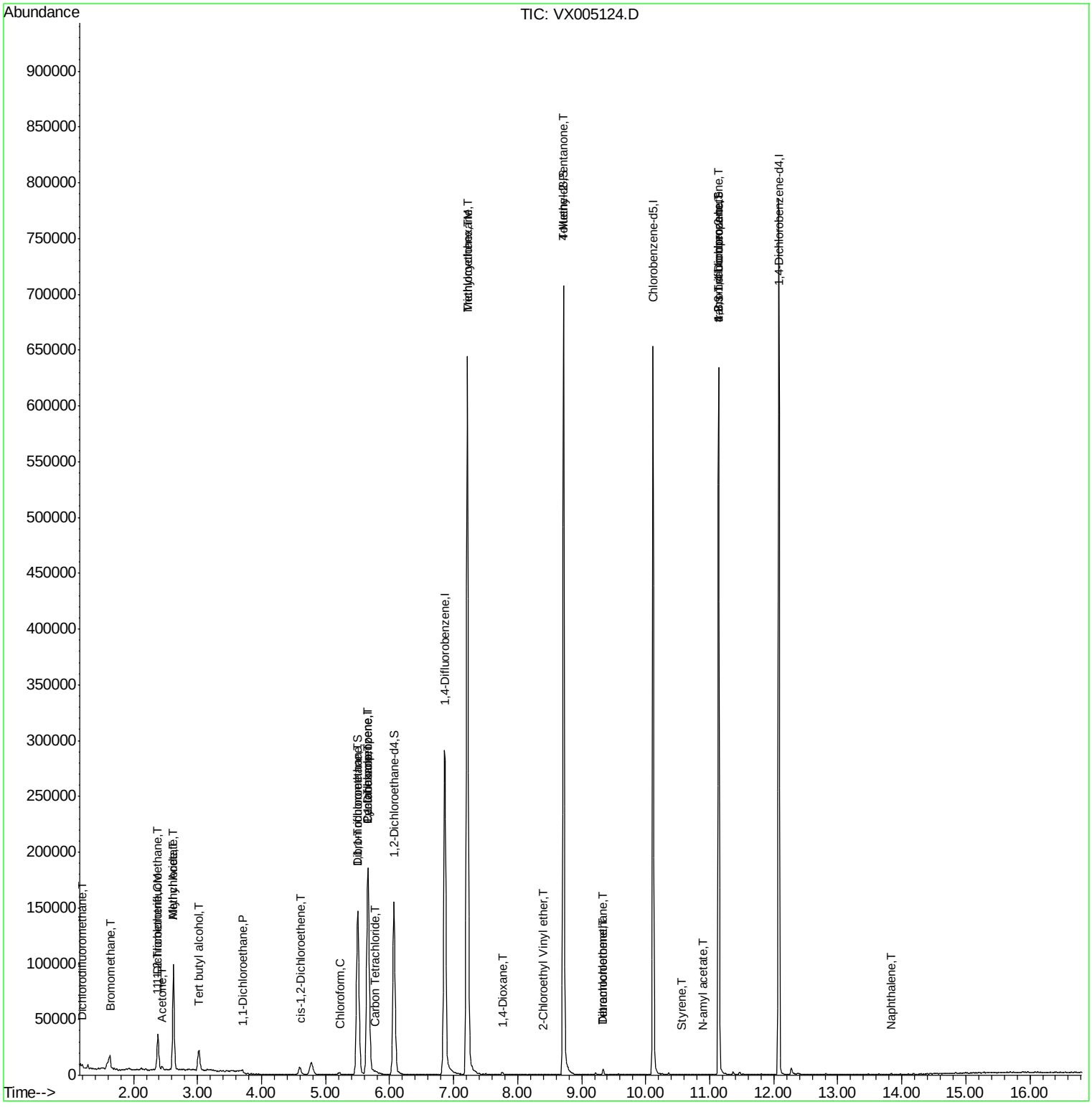
(#) = qualifier out of range (m) = manual integration (+) = signals summed

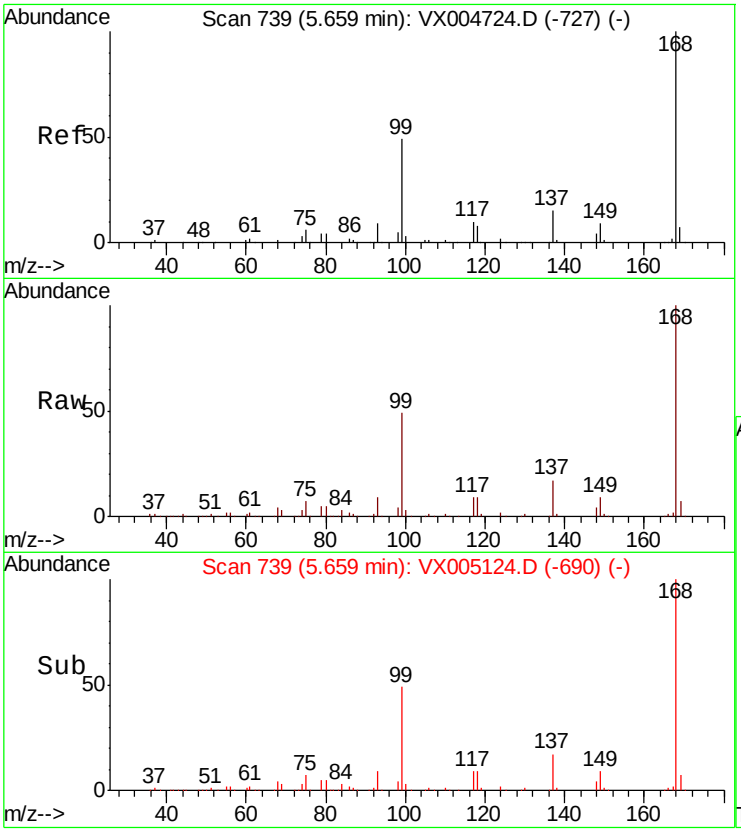
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100818\
Data File : VX005124.D
Acq On : 08 Oct 2018 13:48
Operator : JC/MD
Sample : J5189-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Quant Time: Oct 09 05:53:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



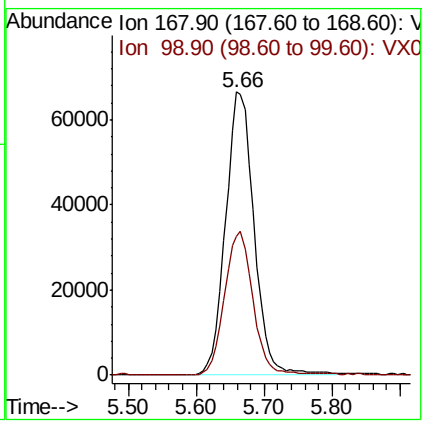


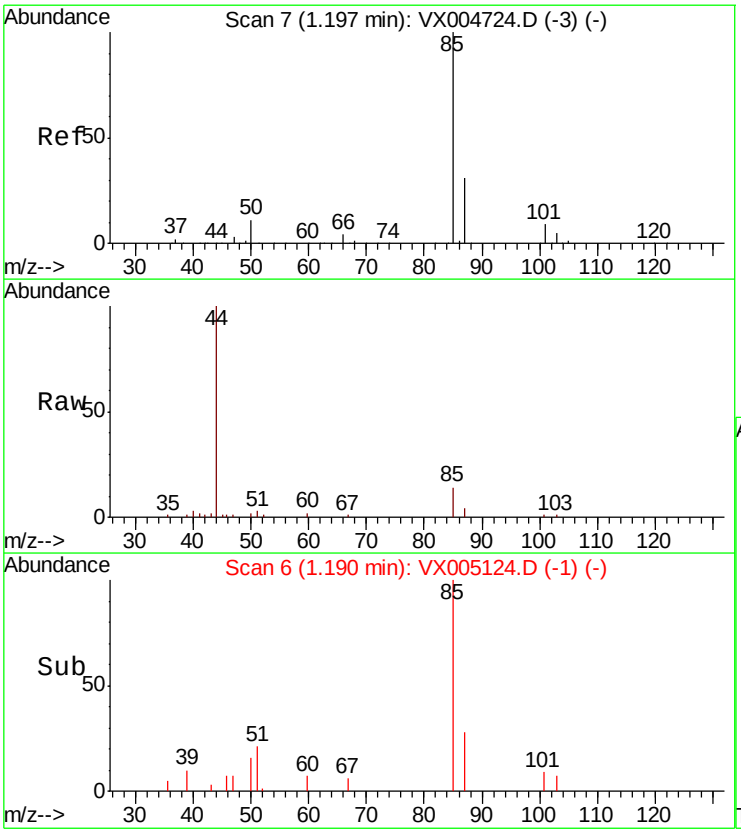
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion:168 Resp: 193885

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.3	58.9

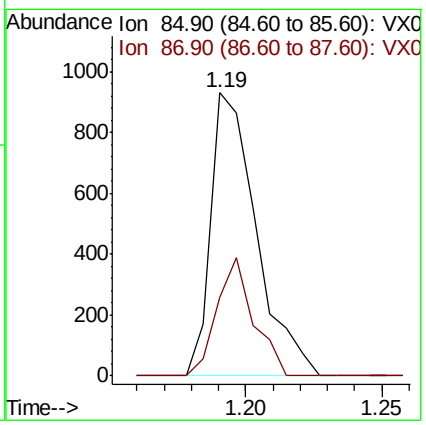


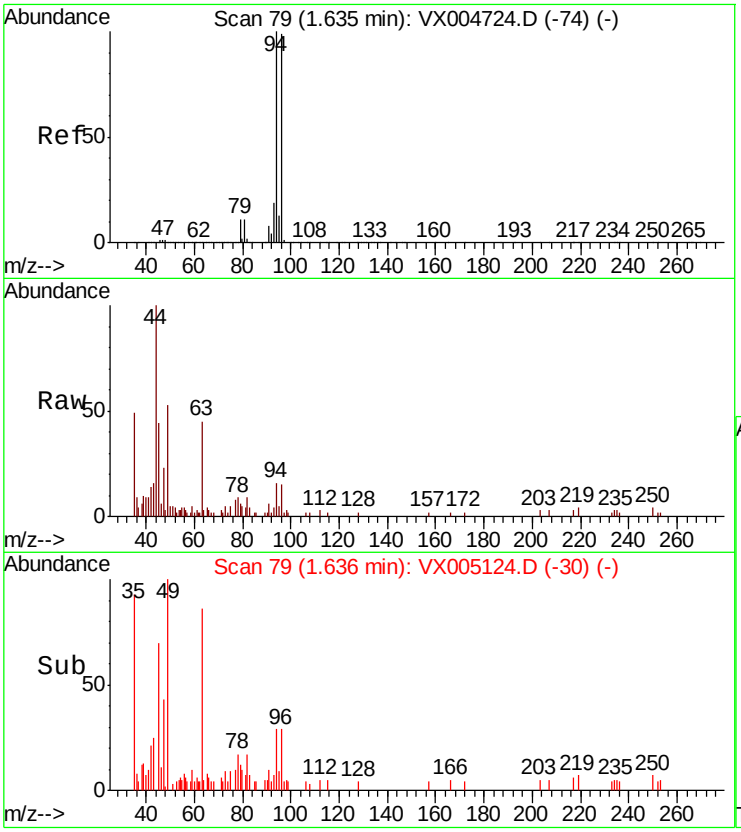


#2
Dichlorodifluoromethane
Concen: 0.409 ug/l
RT: 1.19 min Scan# 6
Delta R.T. -0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 85 Resp: 1080

Ion	Ratio	Lower	Upper
85	100		
87	27.8	15.7	47.1



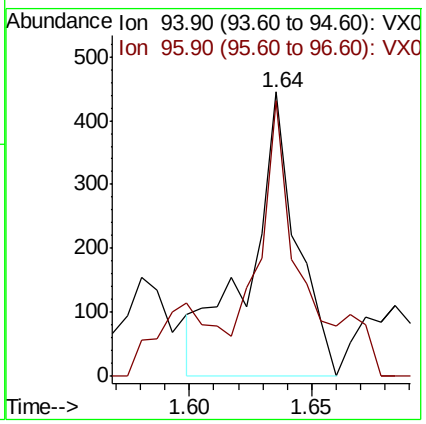


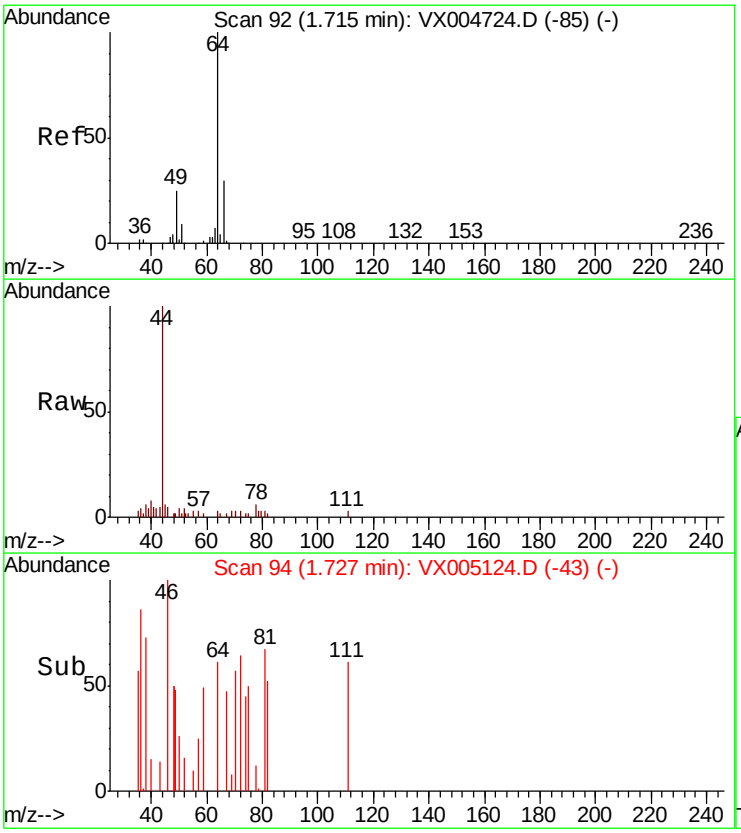
#5
Bromomethane
Concen: 0.333 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion: 94 Resp: 594

Ion	Ratio	Lower	Upper
94	100		
96	79.6	79.5	119.3

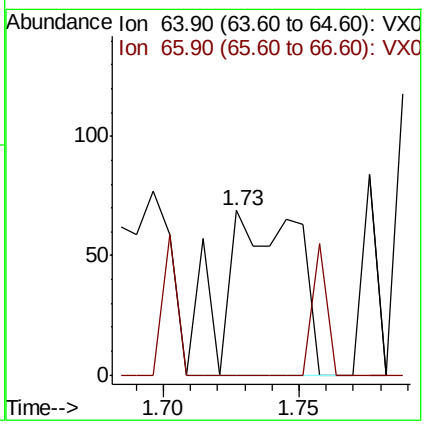


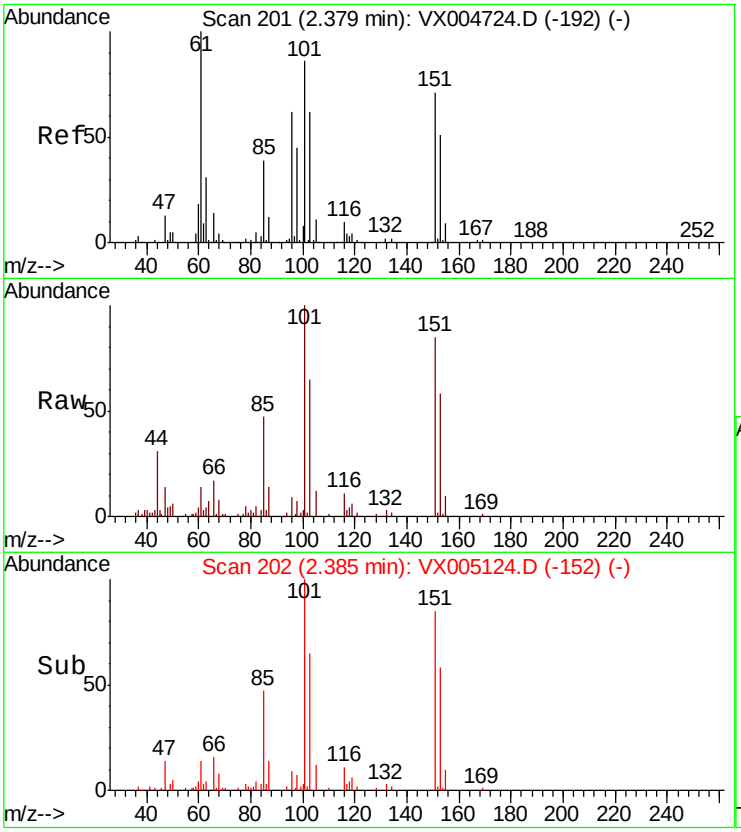


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 64 Resp: 132

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#



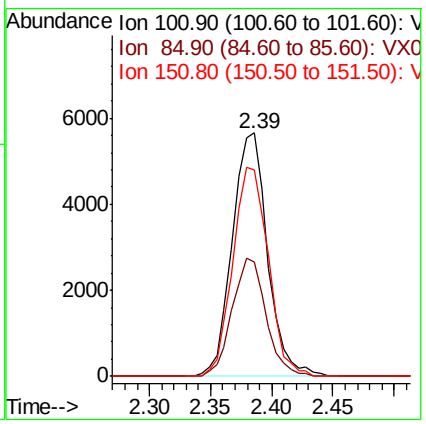


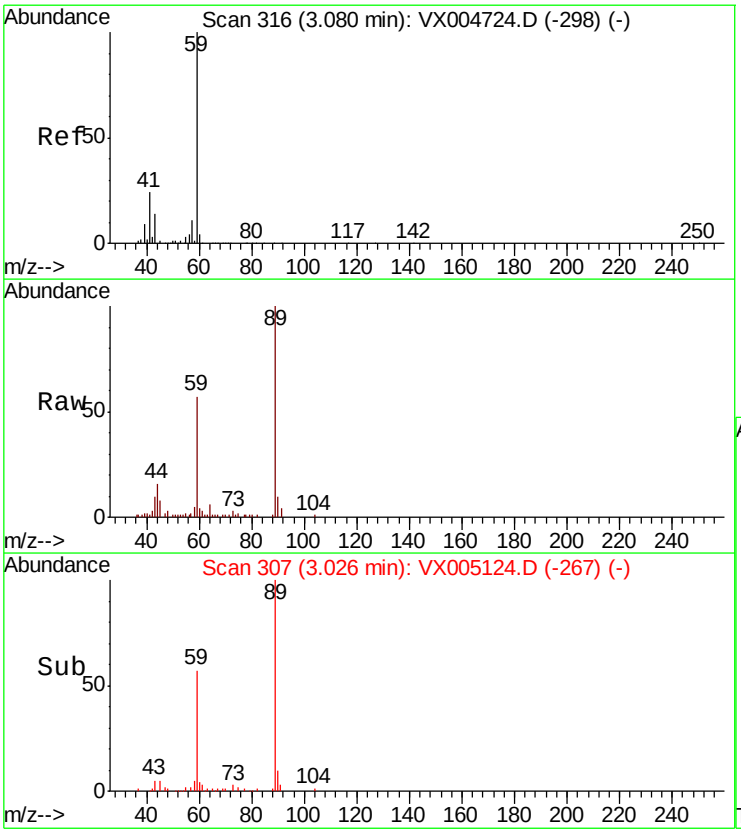
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.324 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion:101 Resp: 11293

Ion	Ratio	Lower	Upper
101	100		
85	46.6	35.9	53.9
151	86.4	66.6	100.0

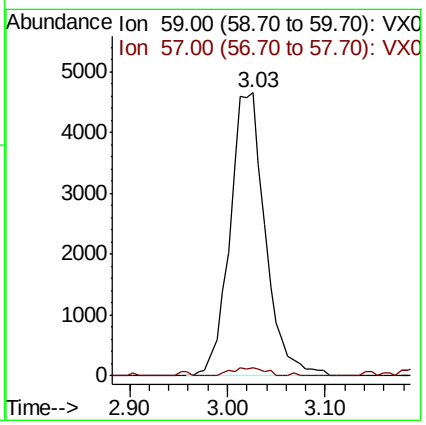


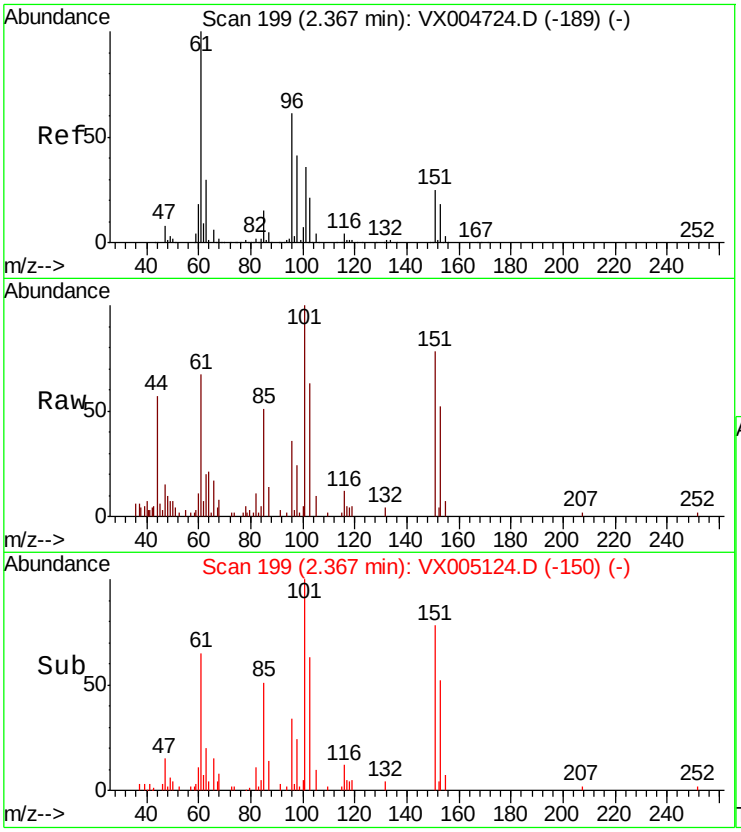


#11
Tert butyl alcohol
Concen: 15.080 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 59 Resp: 11678

Ion	Ratio	Lower	Upper
59	100		
57	2.8	8.6	12.8#



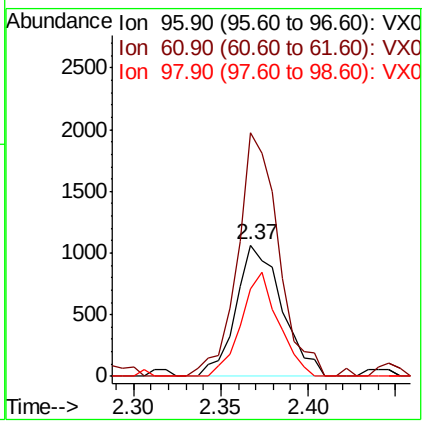


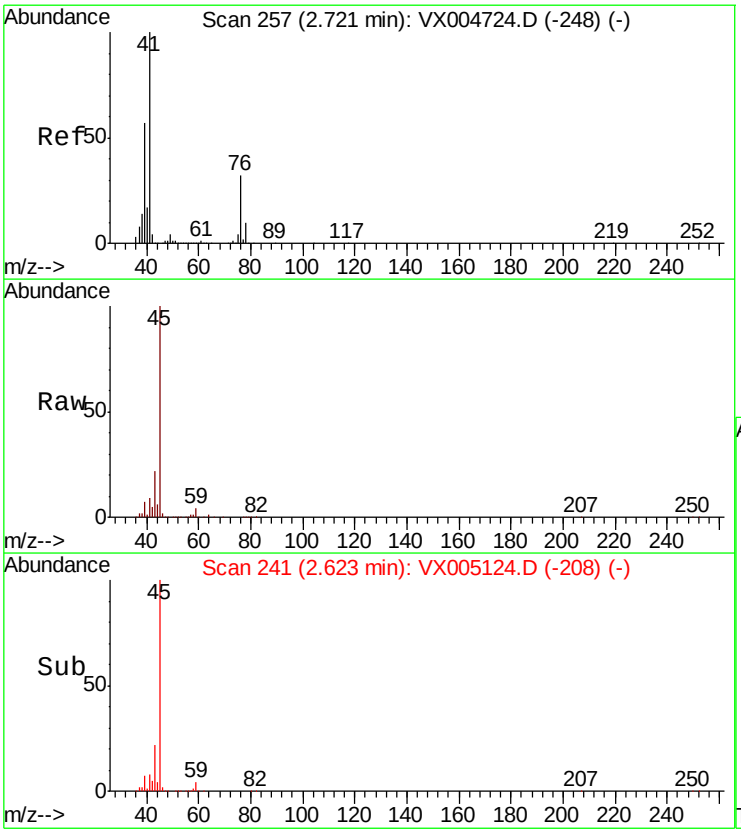
#12
1,1-Dichloroethene
Concen: 0.924 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion: 96 Resp: 1942

Ion	Ratio	Lower	Upper
96	100		
61	185.7	130.2	195.4
98	66.8	53.4	80.0

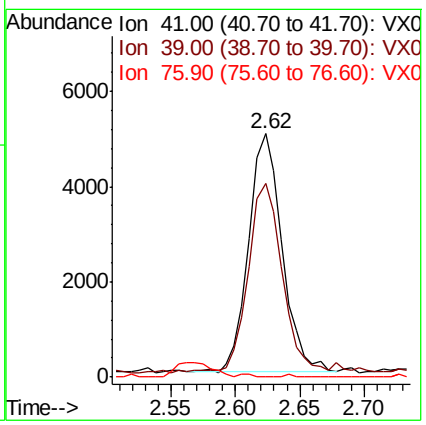


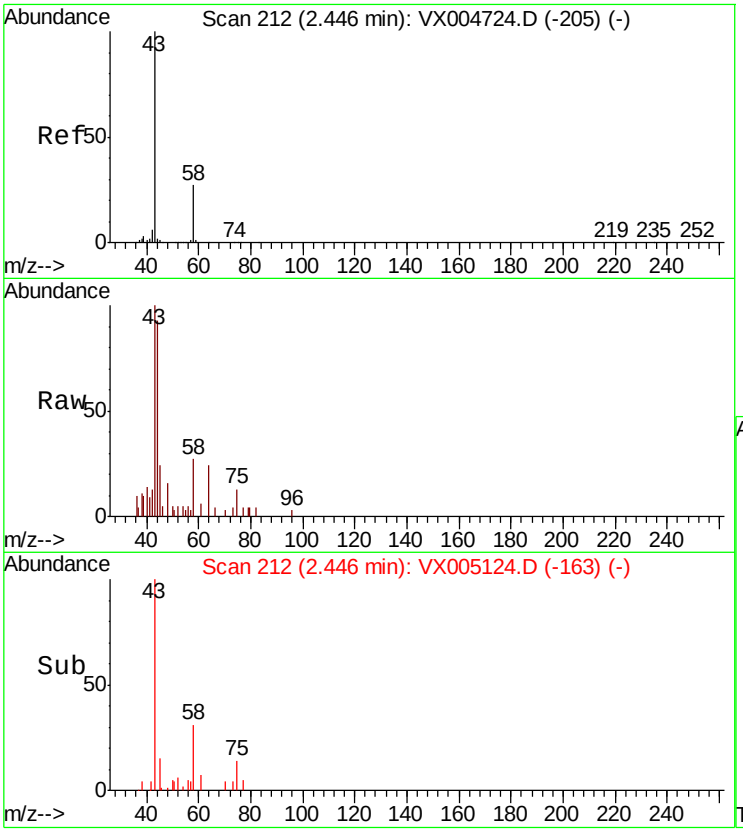


#14
Allyl chloride
Concen: 1.946 ug/l
RT: 2.62 min Scan# 241
Delta R.T. -0.10 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 41 Resp: 8921

Ion	Ratio	Lower	Upper
41	100		
39	81.2	44.1	66.1#
76	0.2	25.0	37.4#



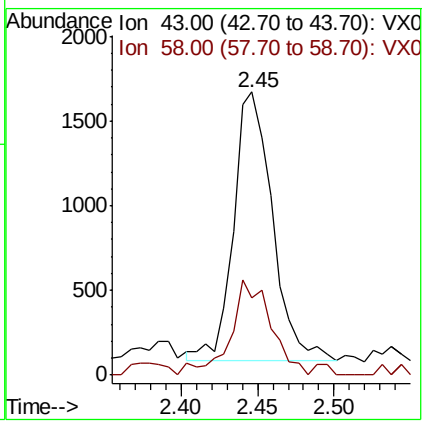


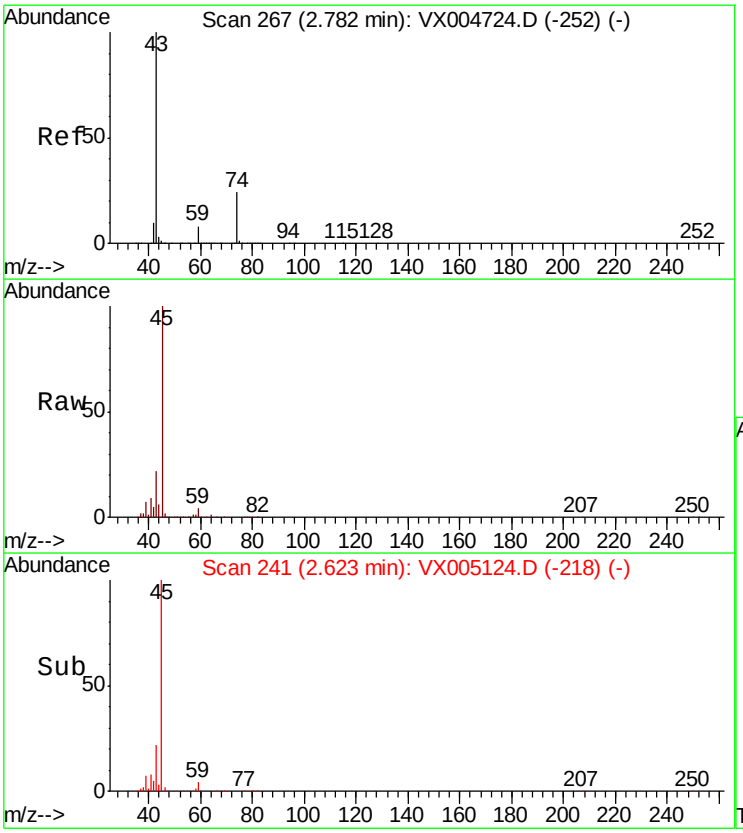
#16
Acetone
Concen: 1.735 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion: 43 Resp: 2805

Ion	Ratio	Lower	Upper
43	100		
58	28.9	21.8	32.6

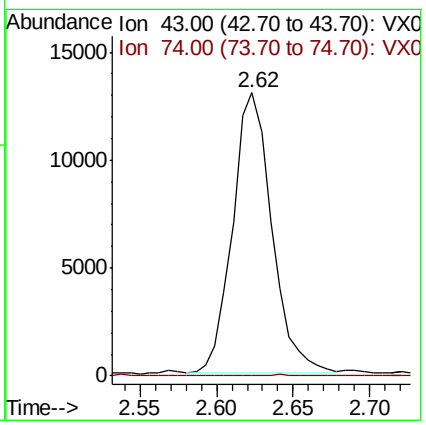


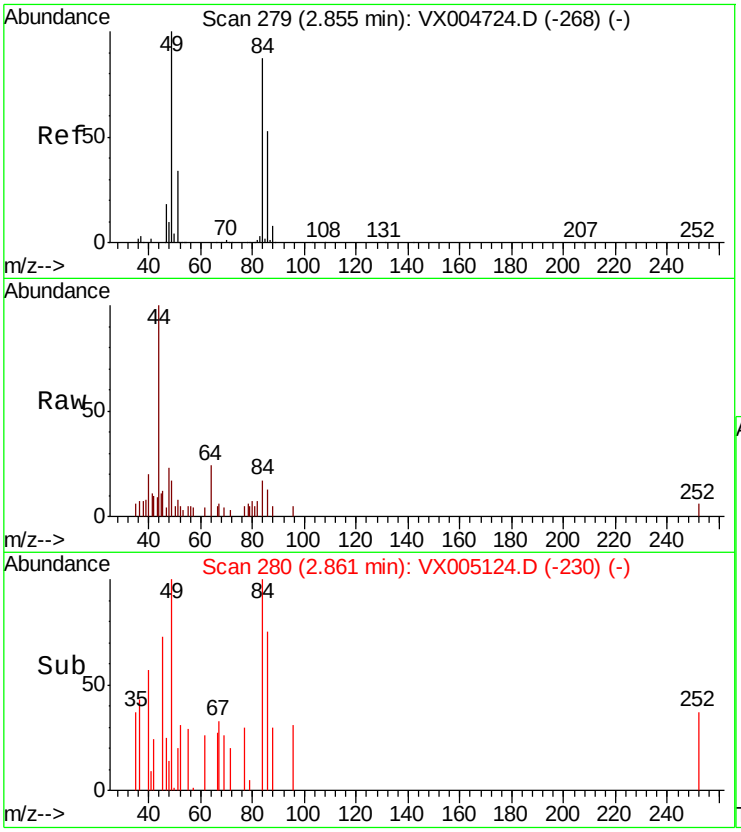


#18
Methyl Acetate
Concen: 5.678 ug/l
RT: 2.62 min Scan# 241
Delta R.T. -0.16 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 43 Resp: 23261

Ion	Ratio	Lower	Upper
43	100		
74	0.1	17.8	26.8#



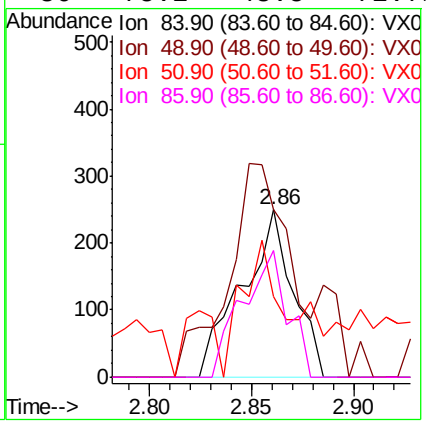


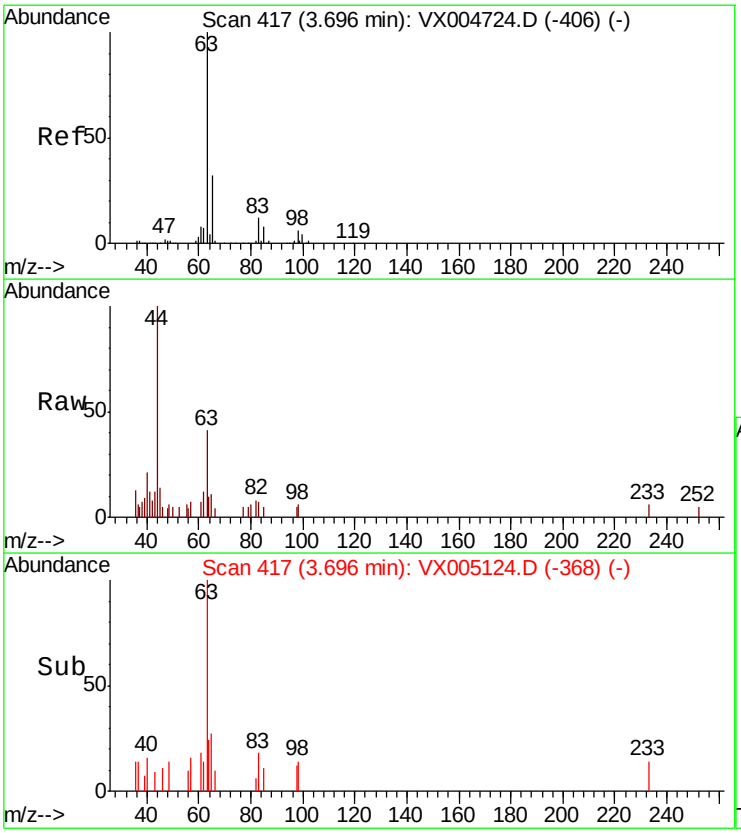
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument : MSVOA_X
ClientSampleId : RE-105D1-20180927

Tgt Ion: 84 Resp: 437

Ion	Ratio	Lower	Upper
84	100		
49	72.8	92.3	138.5#
51	15.2	31.8	47.6#
86	75.2	48.5	72.7#

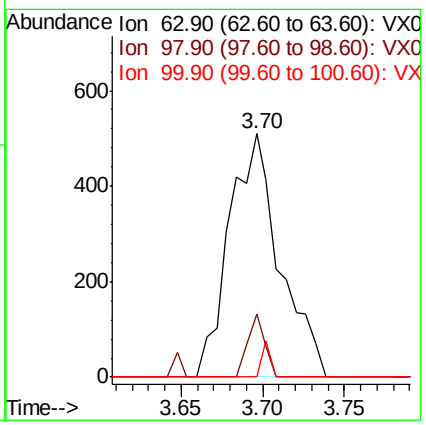


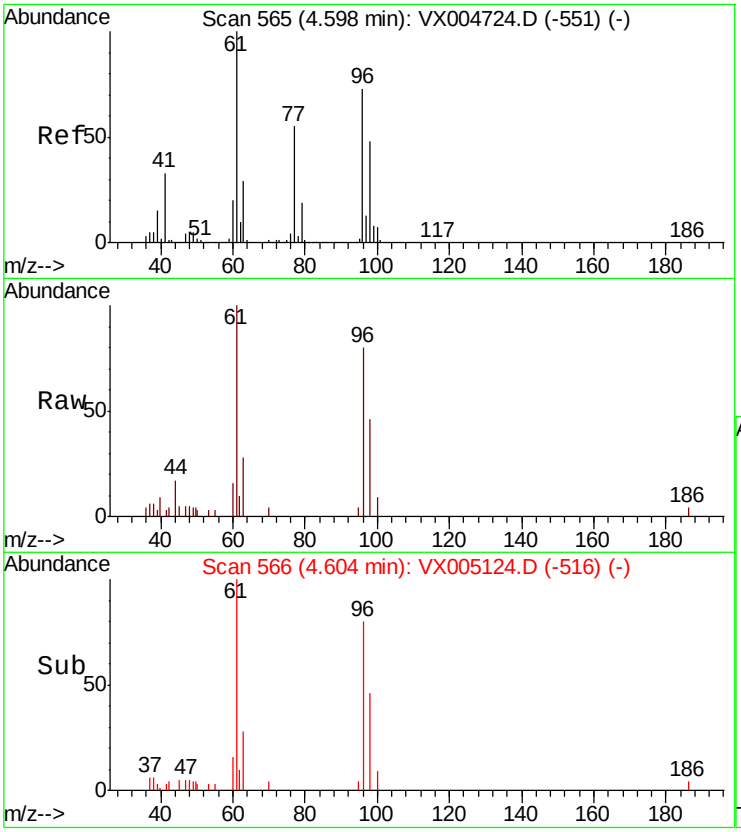


#24
1,1-Dichloroethane
Concen: 0.239 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 63 Resp: 1102

Ion	Ratio	Lower	Upper
63	100		
98	26.1	3.0	9.2#
100	0.0	2.0	5.8#



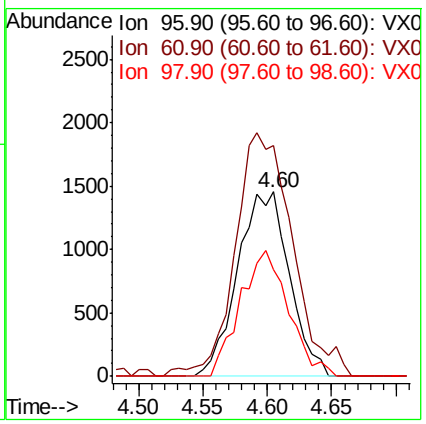


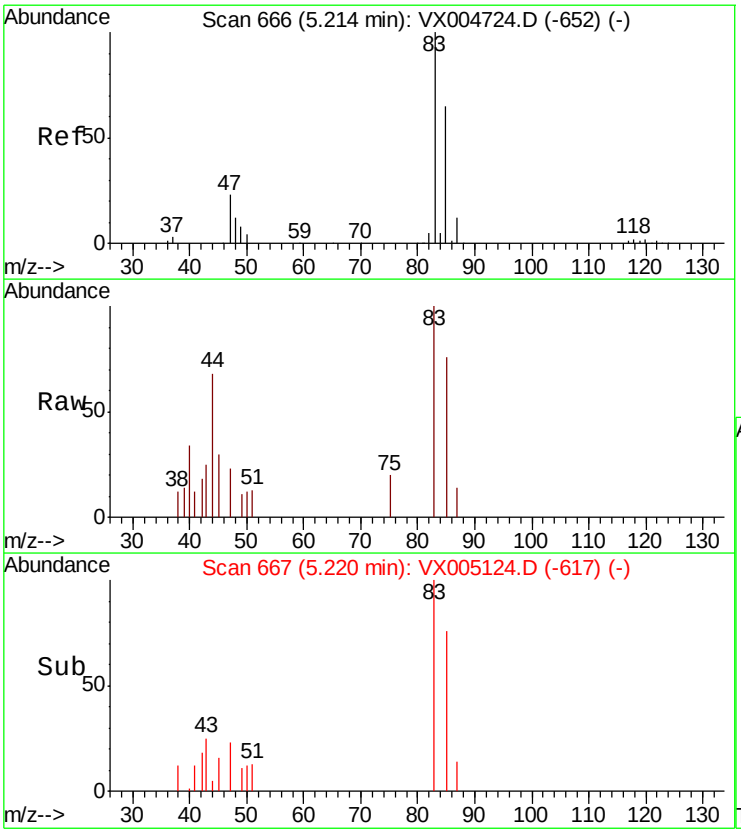
#27
cis-1,2-Dichloroethene
Concen: 1.577 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion: 96 Resp: 4051

Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	285.8
98	63.6	0.0	136.2

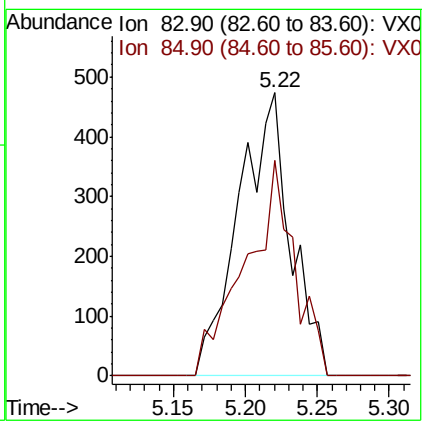


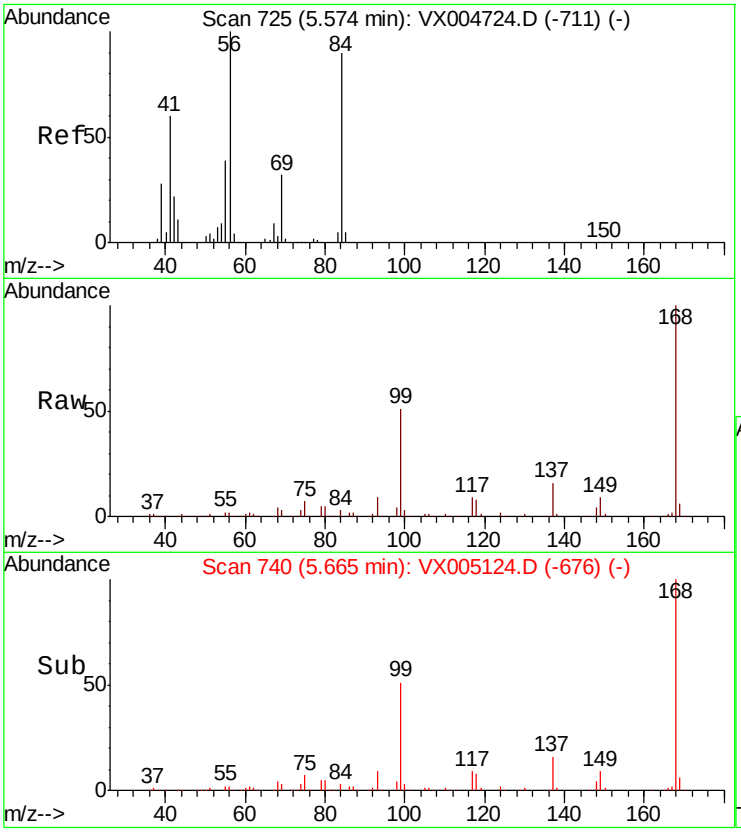


#30
Chloroform
Concen: 0.272 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 83 Resp: 1183

Ion	Ratio	Lower	Upper
83	100		
85	76.3	52.4	78.6



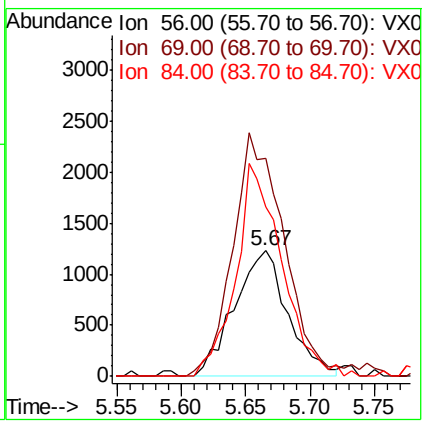


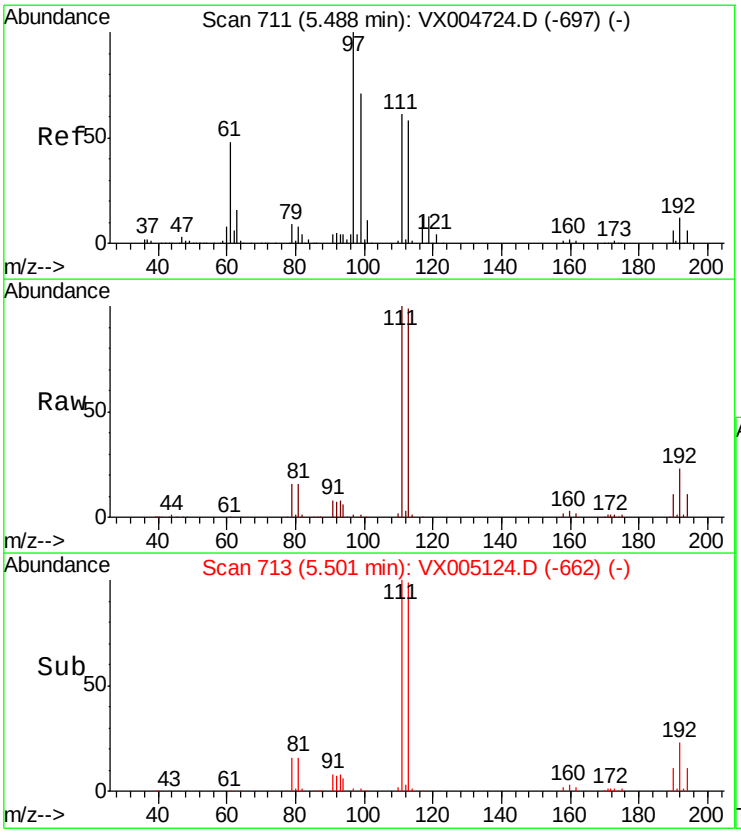
#31
Cyclohexane
Concen: 1.003 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion: 56 Resp: 3536

Ion	Ratio	Lower	Upper
56	100		
69	173.8	25.9	38.9#
84	135.5	71.9	107.9#

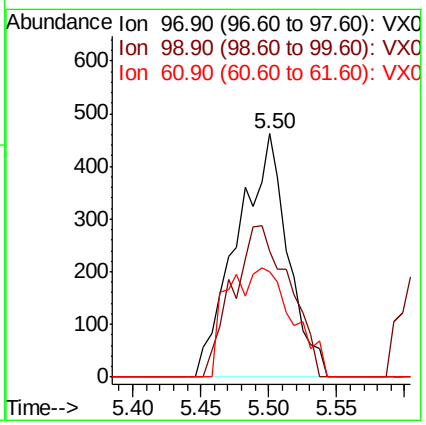


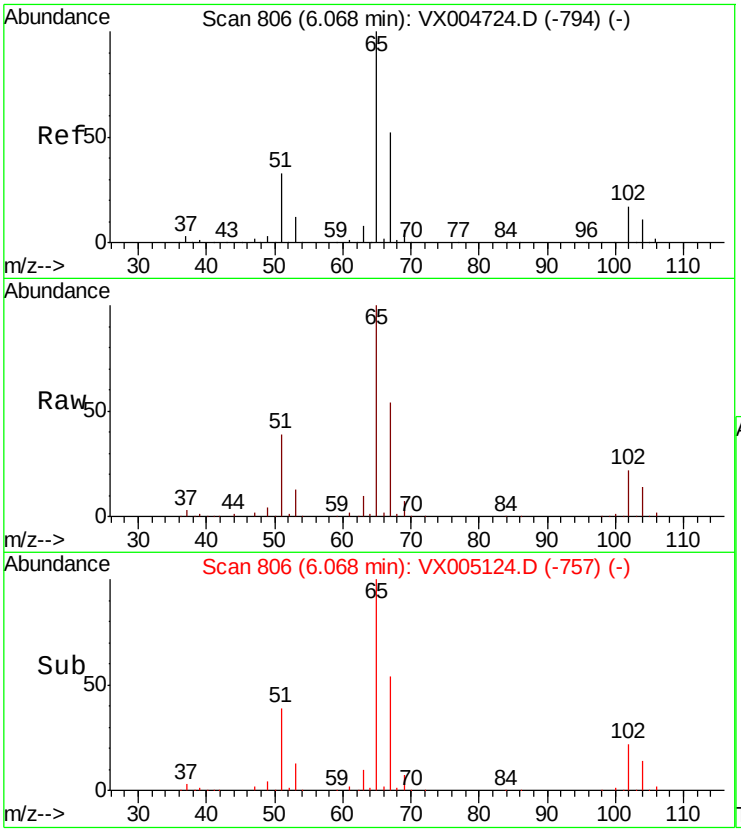


#32
1,1,1-Trichloroethane
Concen: 0.339 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 97 Resp: 1206

Ion	Ratio	Lower	Upper
97	100		
99	0.0	54.6	82.0#
61	58.0	37.5	56.3#



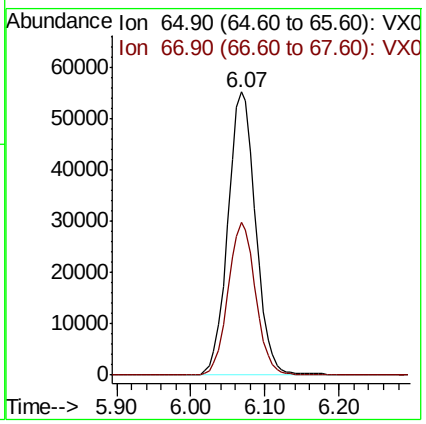


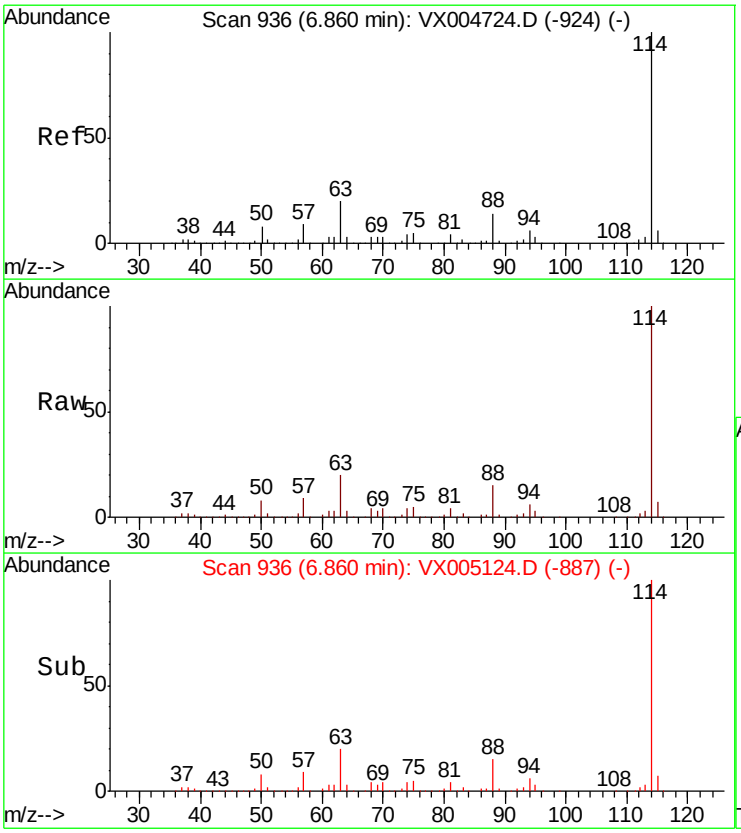
#33
1,2-Dichloroethane-d4
Concen: 52.038 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion: 65 Resp: 144126

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.4

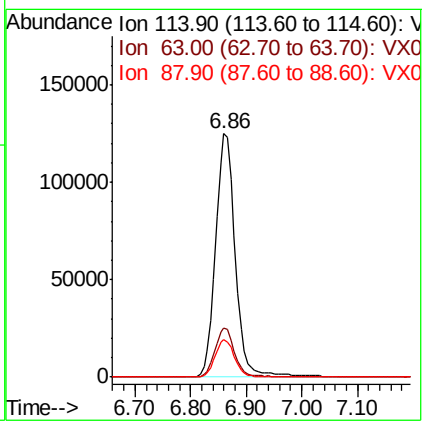


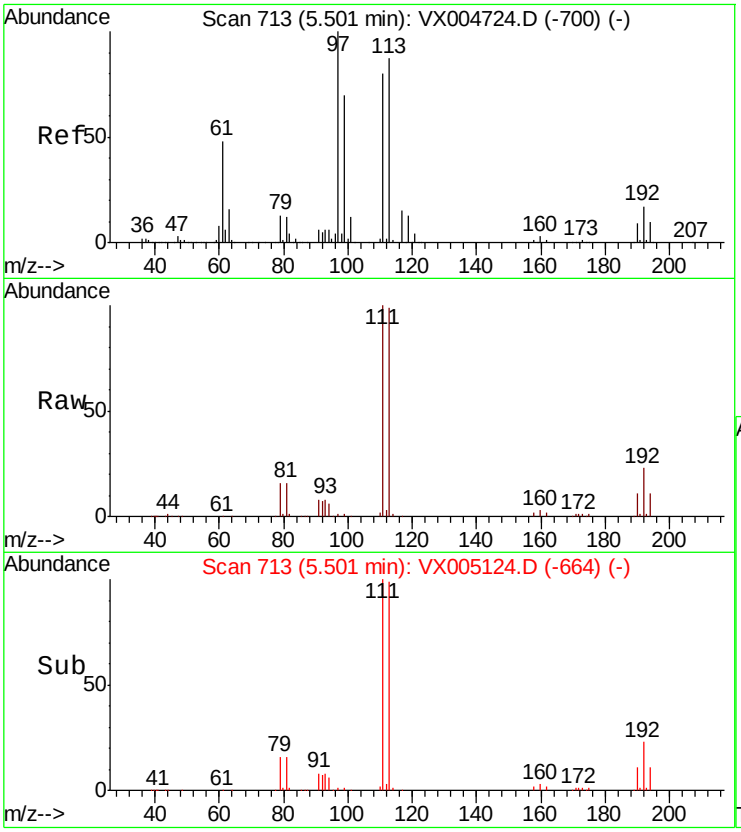


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion:114 Resp: 306812

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.3	0.0	27.0



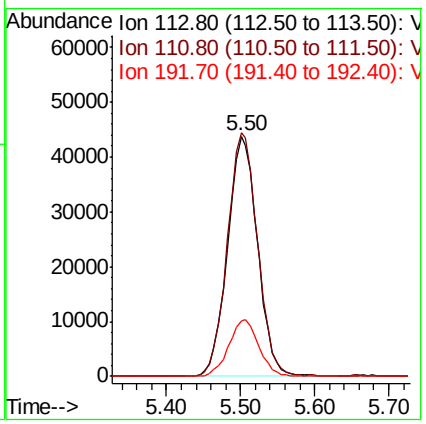


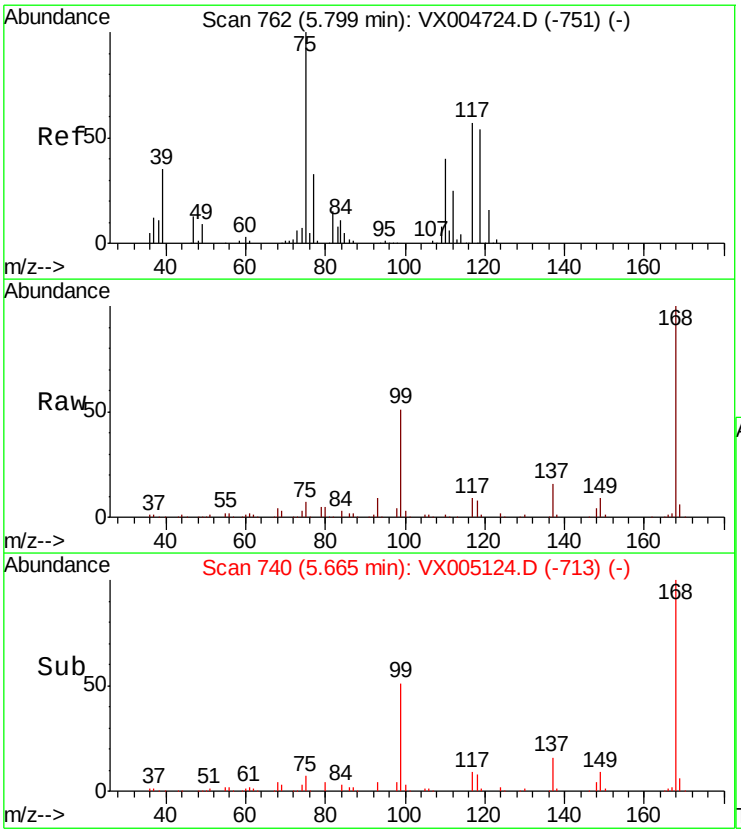
#35
Dibromofluoromethane
Concen: 47.395 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion:113 Resp: 123239

Ion	Ratio	Lower	Upper
113	100		
111	102.5	77.0	115.4
192	23.6	17.0	25.6

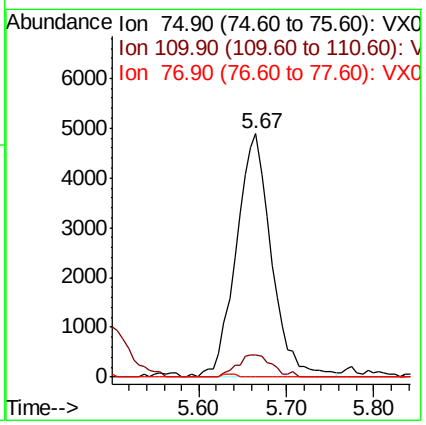


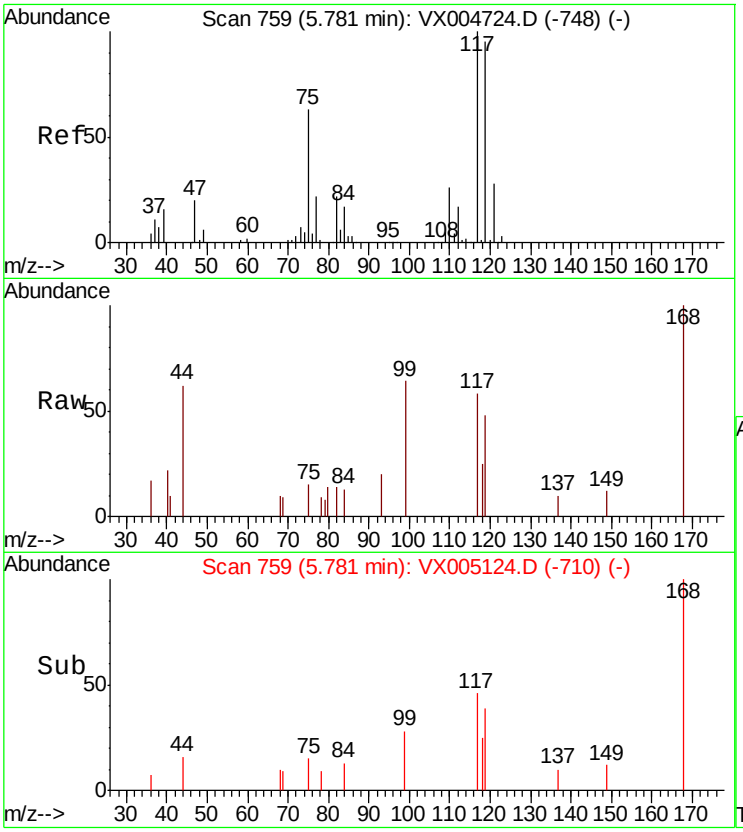


#36
1,1-Dichloropropene
Concen: 3.841 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 75 Resp: 13628

Ion	Ratio	Lower	Upper
75	100		
110	9.2	20.0	59.9#
77	0.0	27.1	40.7#



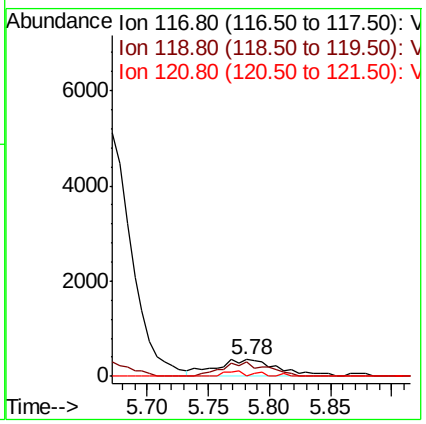


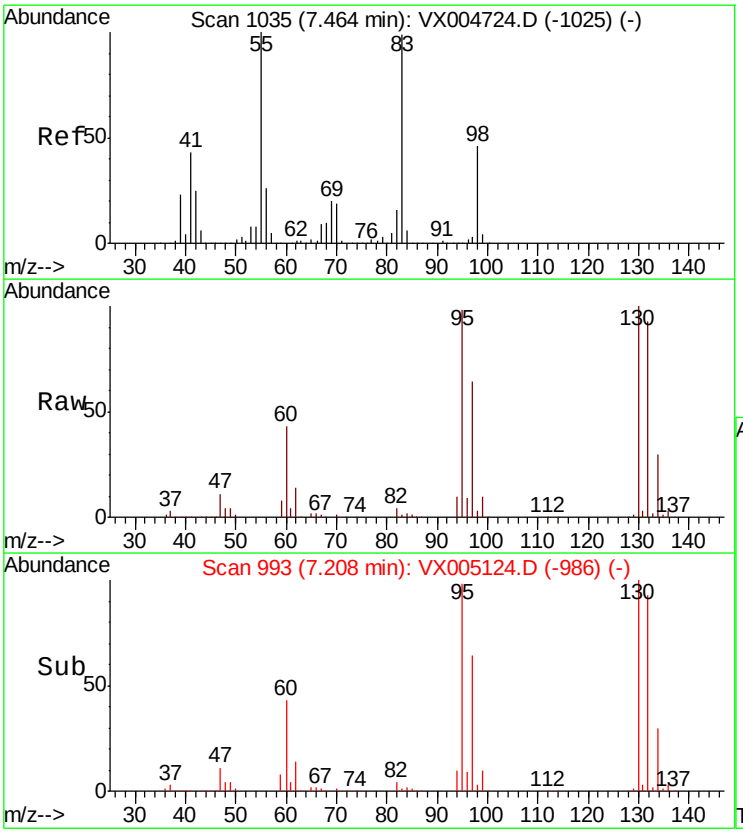
#38
Carbon Tetrachloride
Concen: 0.345 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion:117 Resp: 1287

Ion	Ratio	Lower	Upper
117	100		
119	83.1	75.2	112.8
121	0.0	22.5	33.7#

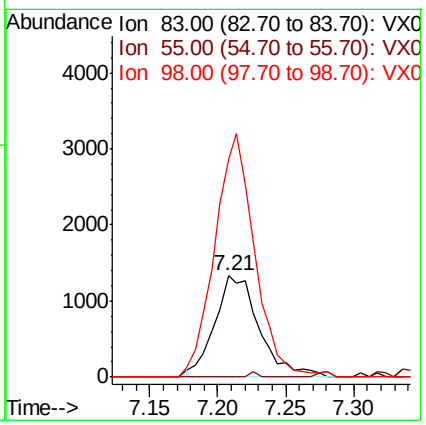


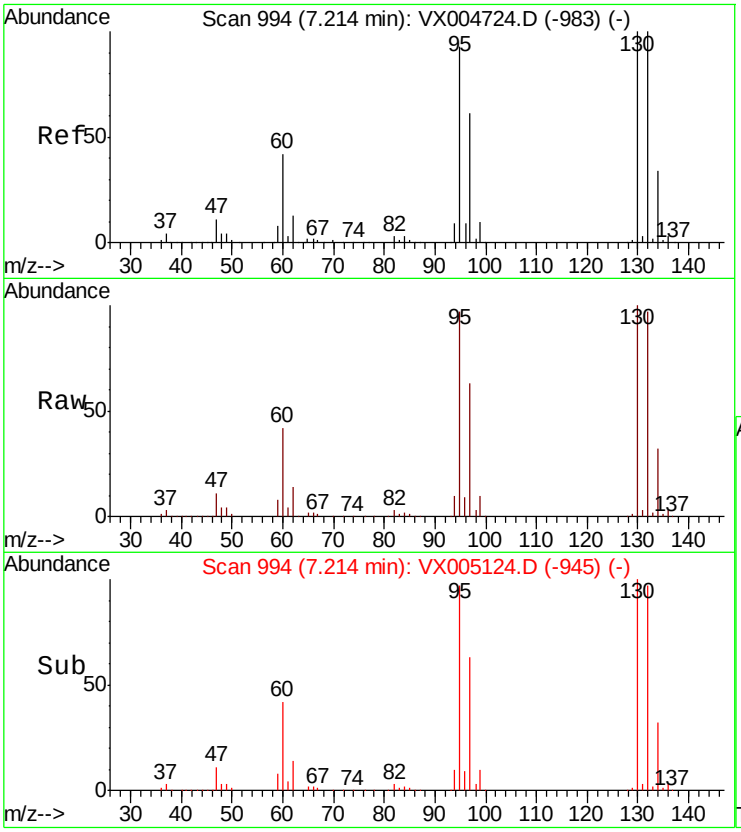


#39
Methylcyclohexane
Concen: 0.833 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.26 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 83 Resp: 3018

Ion	Ratio	Lower	Upper
83	100		
55	0.0	81.1	121.7#
98	215.4	37.3	55.9#



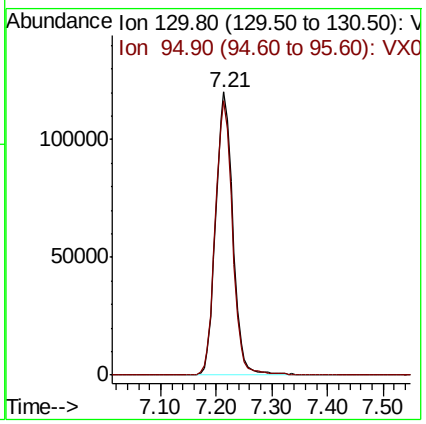


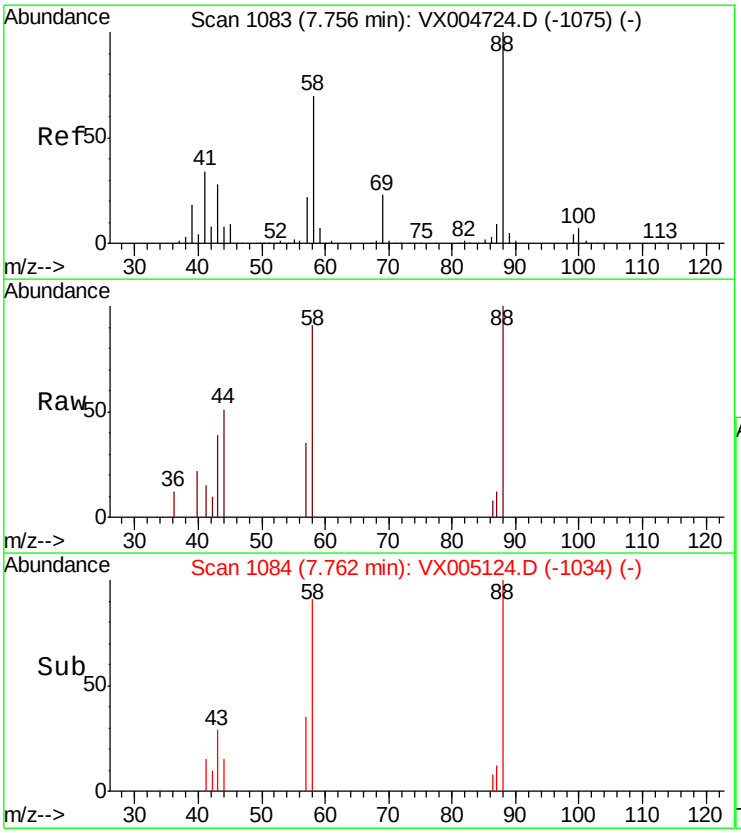
#44
Trichloroethene
Concen: 94.408 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion:130 Resp: 257772

Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	186.8

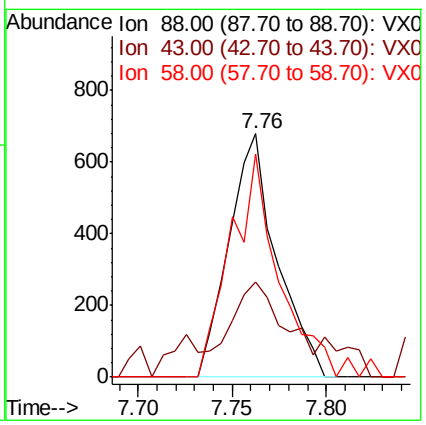


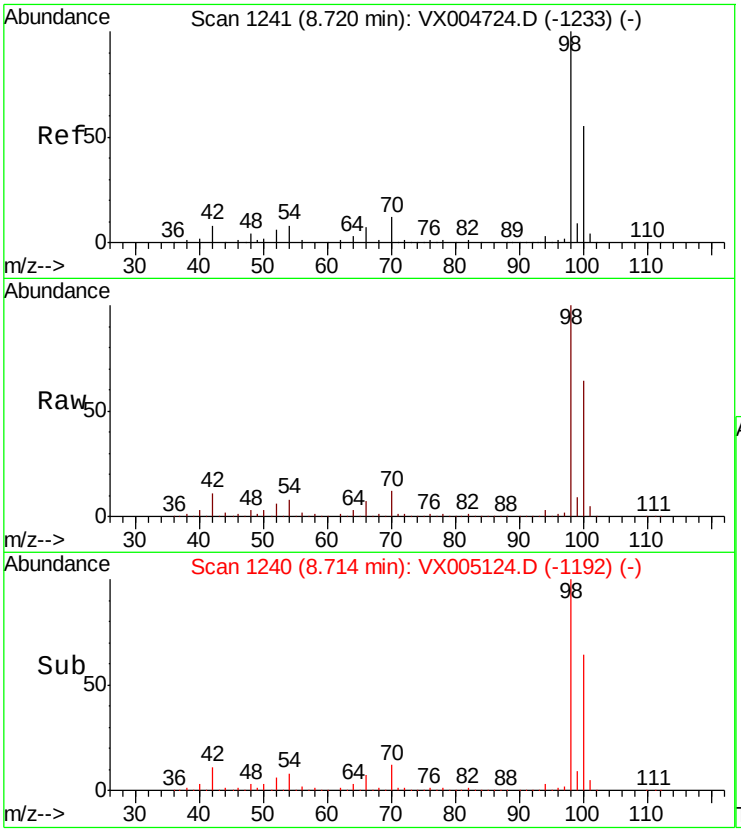


#49
1,4-Dioxane
Concen: 15.591 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 88 Resp: 1195

Ion	Ratio	Lower	Upper
88	100		
43	54.7	25.1	37.7#
58	95.3	56.2	84.2#



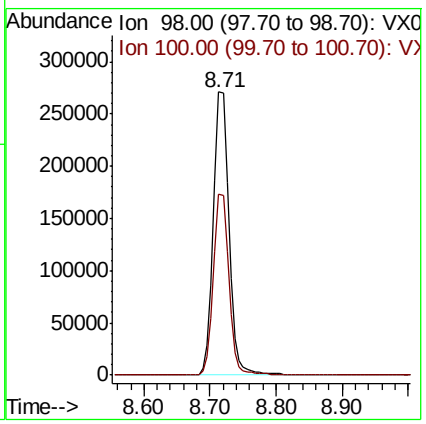


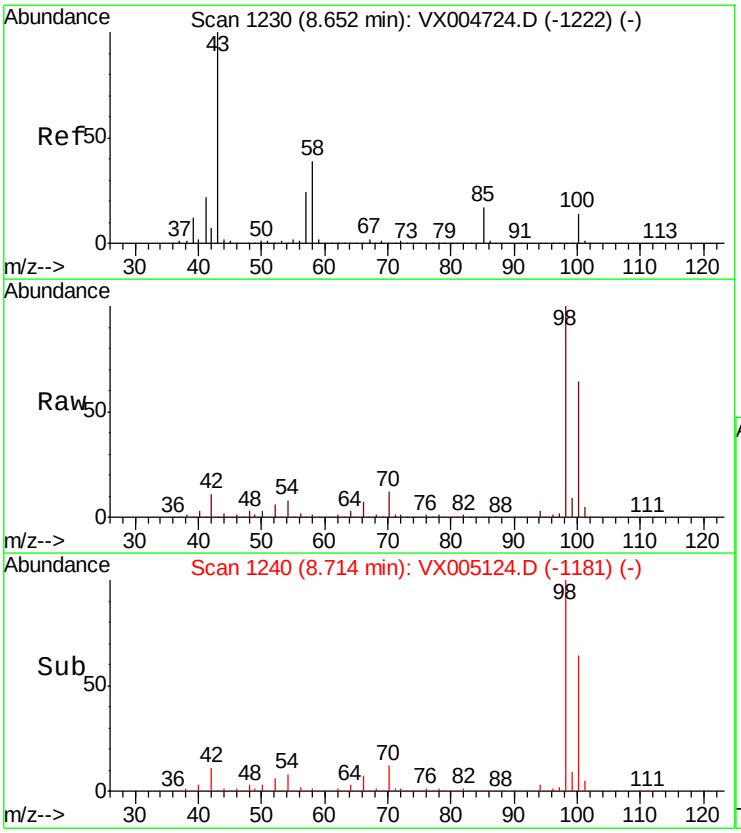
#50
Toluene-d8
Concen: 51.350 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion: 98 Resp: 443896

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.9	77.9

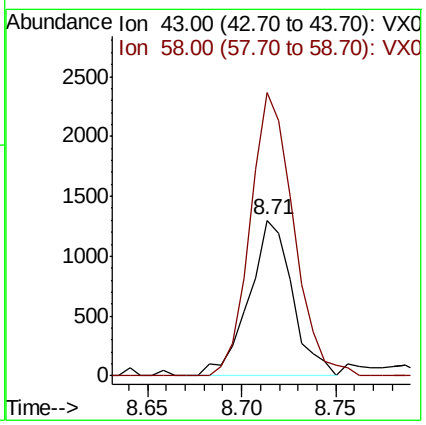


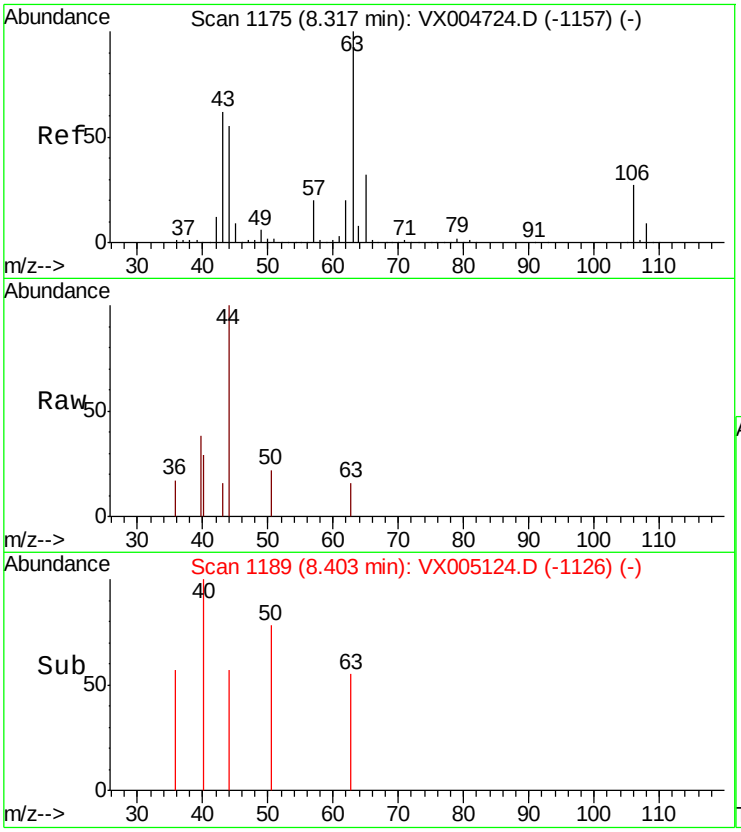


#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.06 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 43 Resp: 2072

Ion	Ratio	Lower	Upper
43	100		
58	181.8	30.5	45.7#



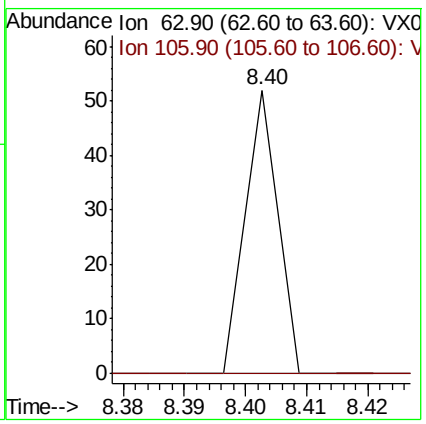


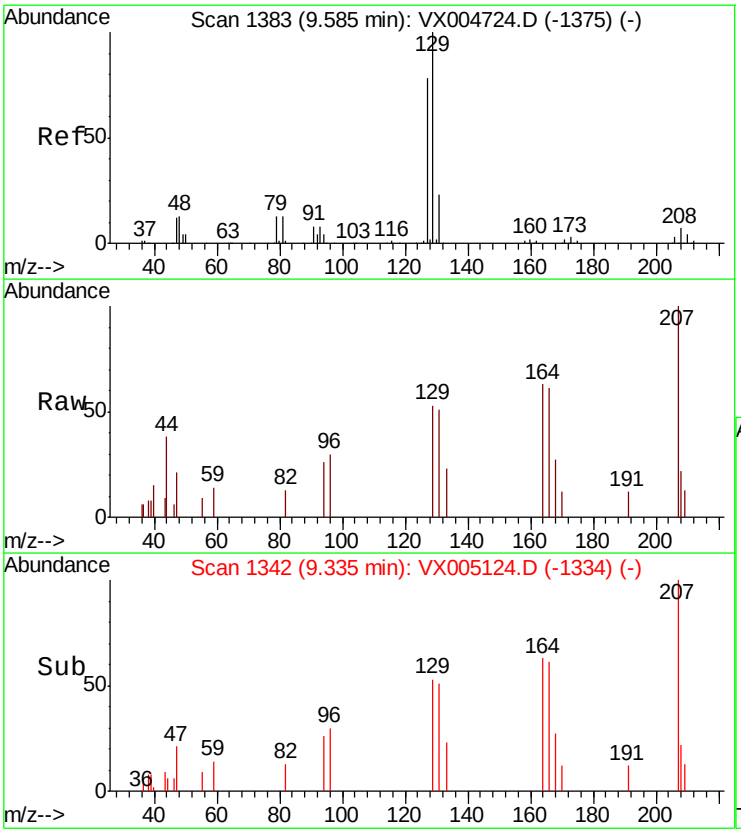
#58
2-Chloroethyl Vinyl ether
Concen: 14.250 ug/l
RT: 8.40 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion: 63 Resp: 19

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

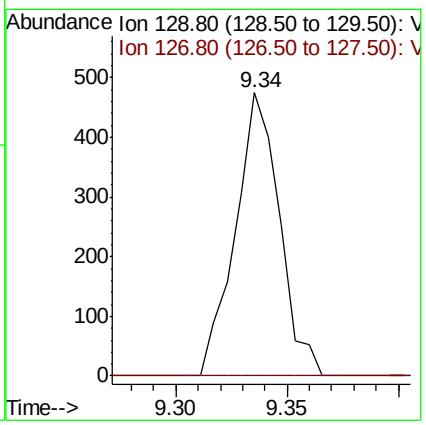


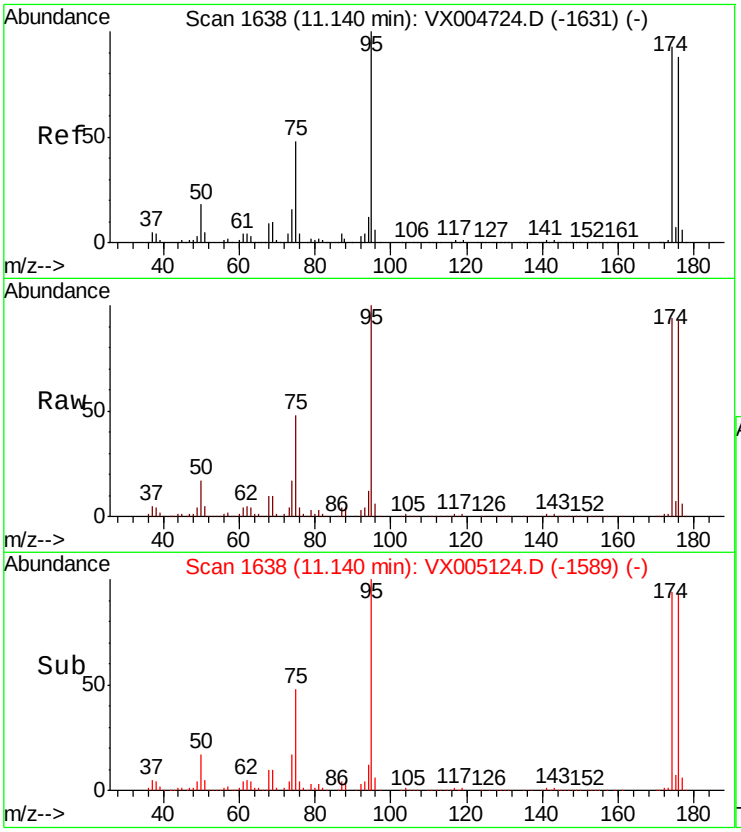


#60
Dibromochloromethane
Concen: 0.246 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion:129 Resp: 657

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#



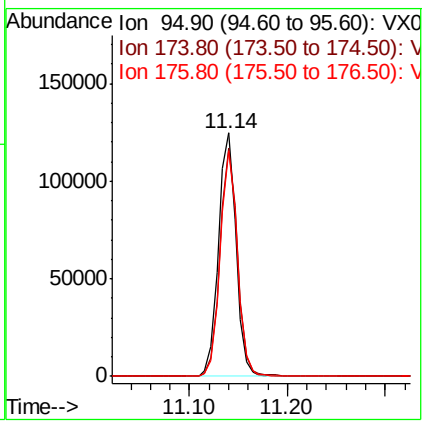


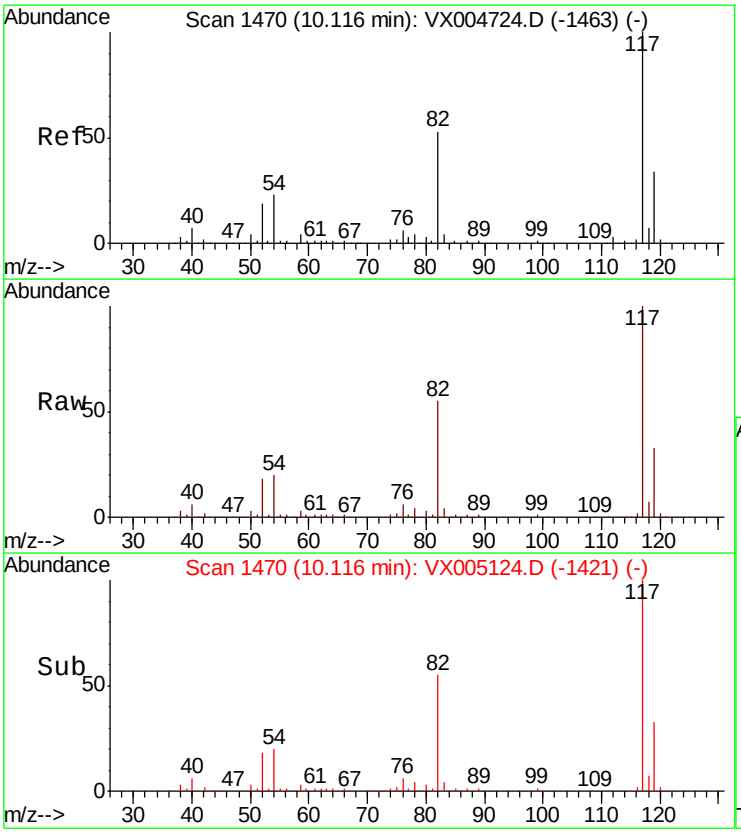
#62
4-Bromofluorobenzene
Concen: 50.074 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion: 95 Resp: 155945

Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	185.0
176	90.9	0.0	180.2

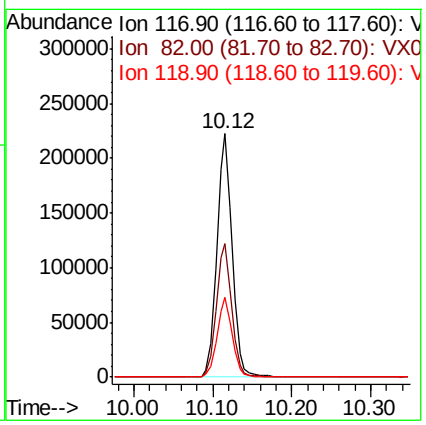


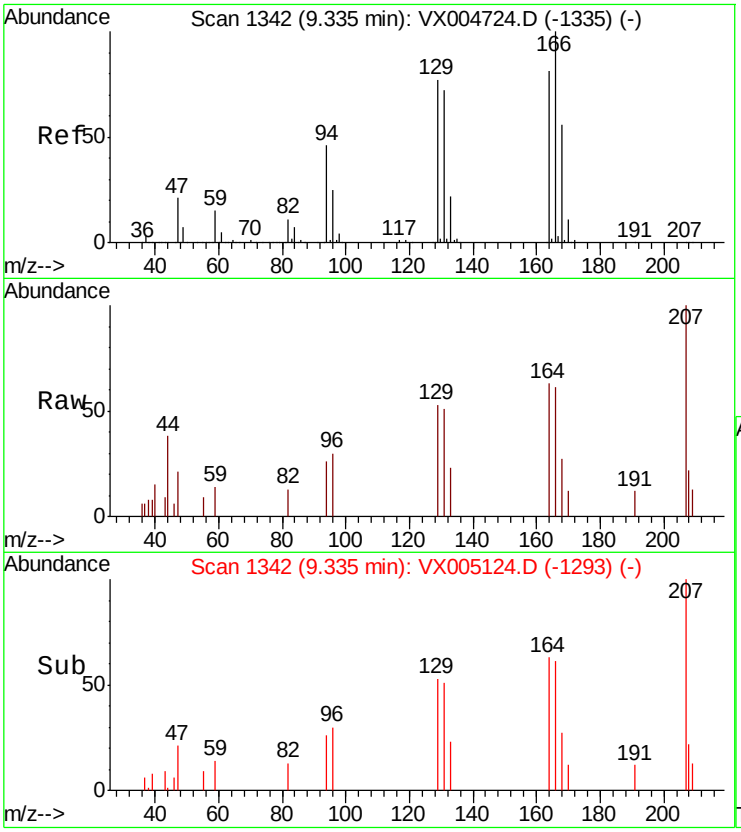


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion:117 Resp: 299094

Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.2	63.4
119	32.9	27.4	41.0



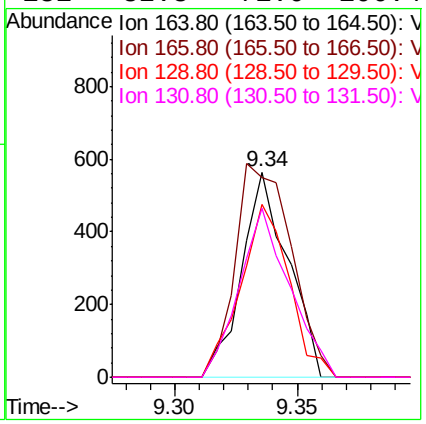


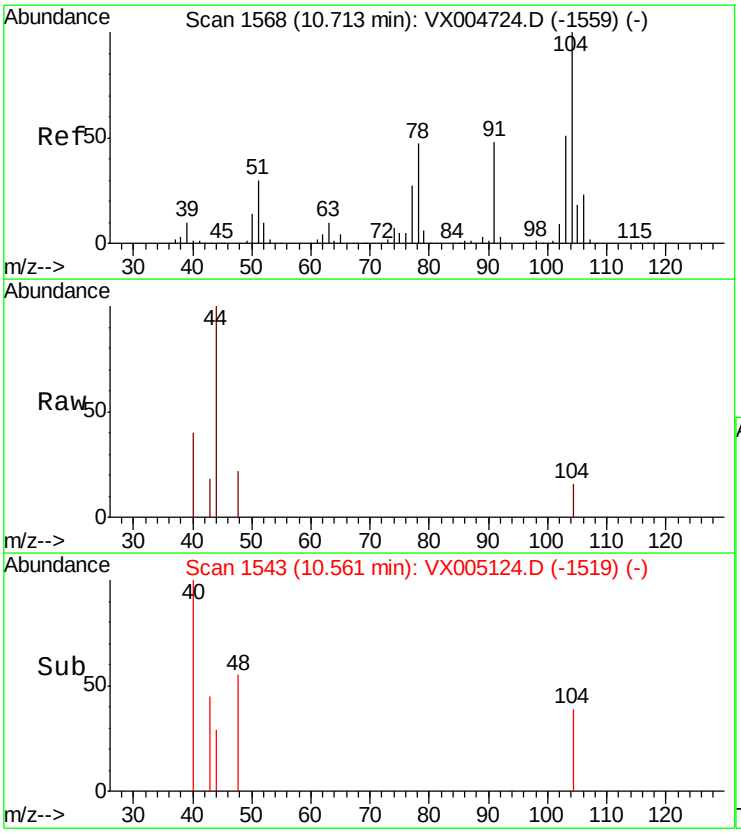
#64
Tetrachloroethene
Concen: 0.251 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion:164 Resp: 740

Ion	Ratio	Lower	Upper
164	100		
166	97.7	98.4	147.6#
129	84.0	76.1	114.1
131	82.3	71.0	106.4

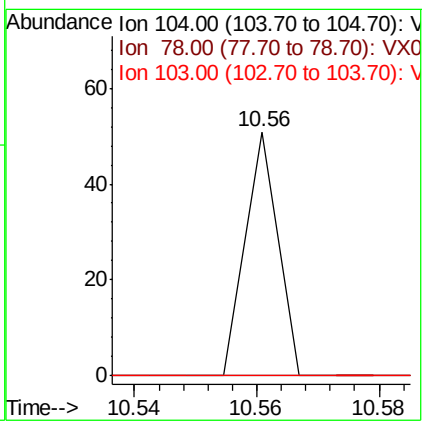


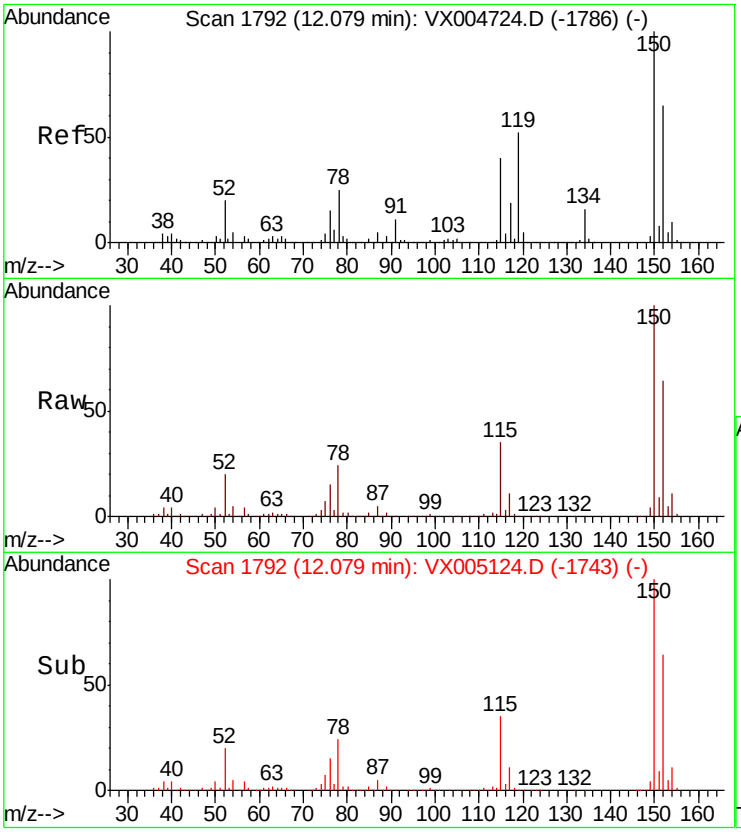


#70
Styrene
Concen: 2.143 ug/l
RT: 10.56 min Scan# 1543
Delta R.T. -0.15 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion:104 Resp: 19

Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.0	60.0#
103	0.0	44.3	66.5#



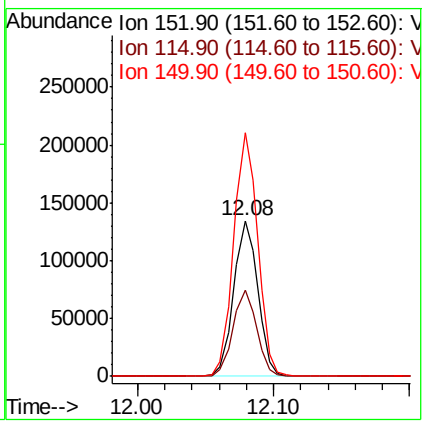


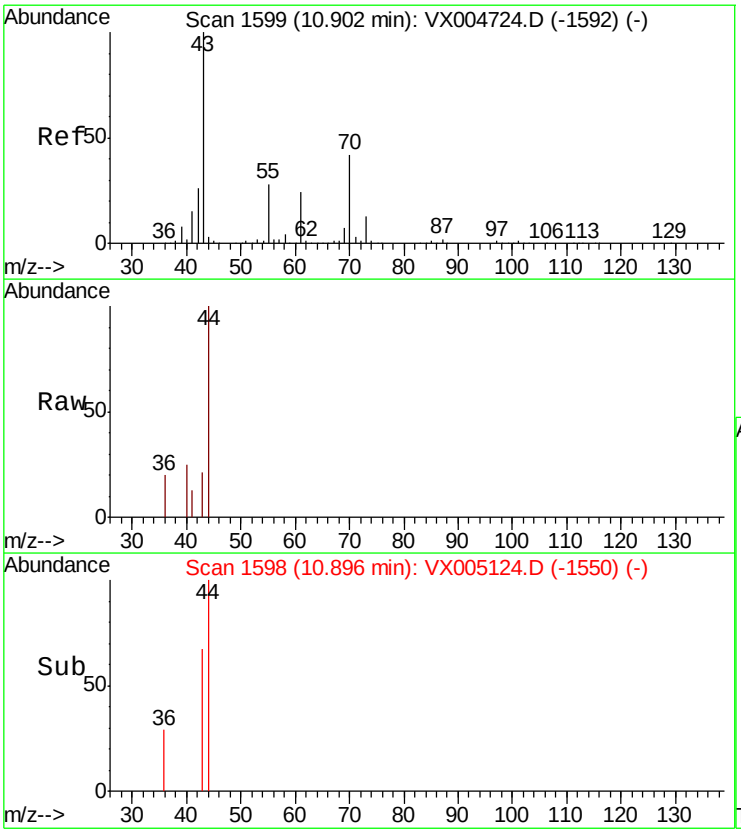
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion:152 Resp: 165485

Ion	Ratio	Lower	Upper
152	100		
115	54.7	40.2	120.6
150	156.4	0.0	351.0

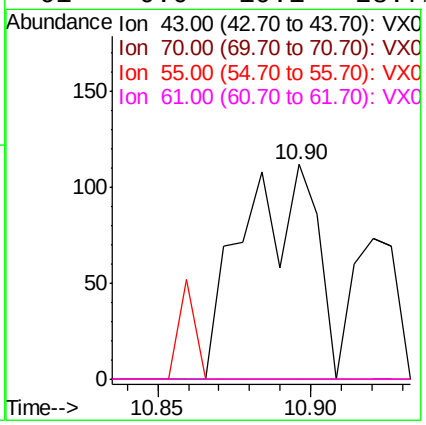


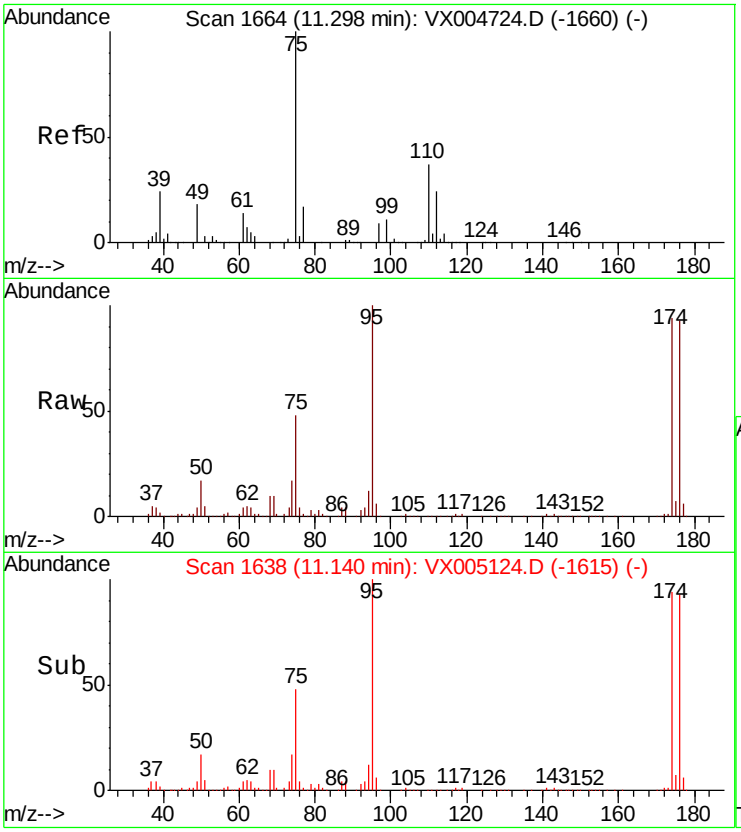


#74
N-amyl acetate
Concen: 1.779 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 43 Resp: 184

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	0.0	21.6	32.4#
61	0.0	19.1	28.7#



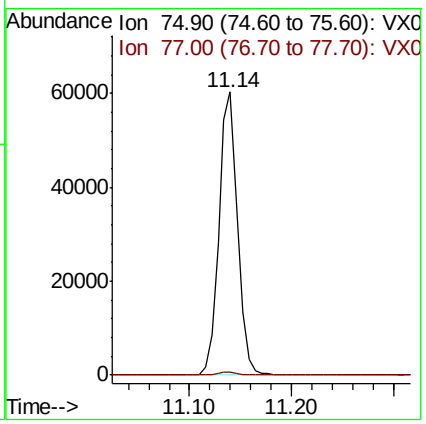


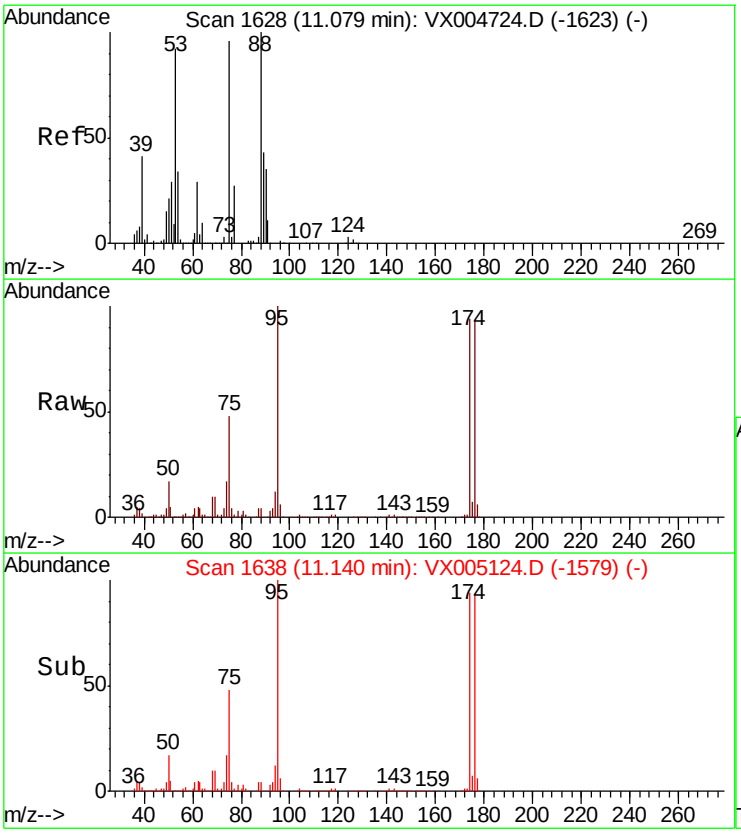
#76
1,2,3-Trichloropropane
Concen: 20.699 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion: 75 Resp: 76775

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.4	64.3#

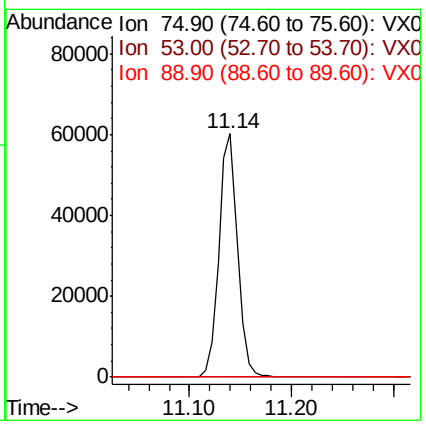


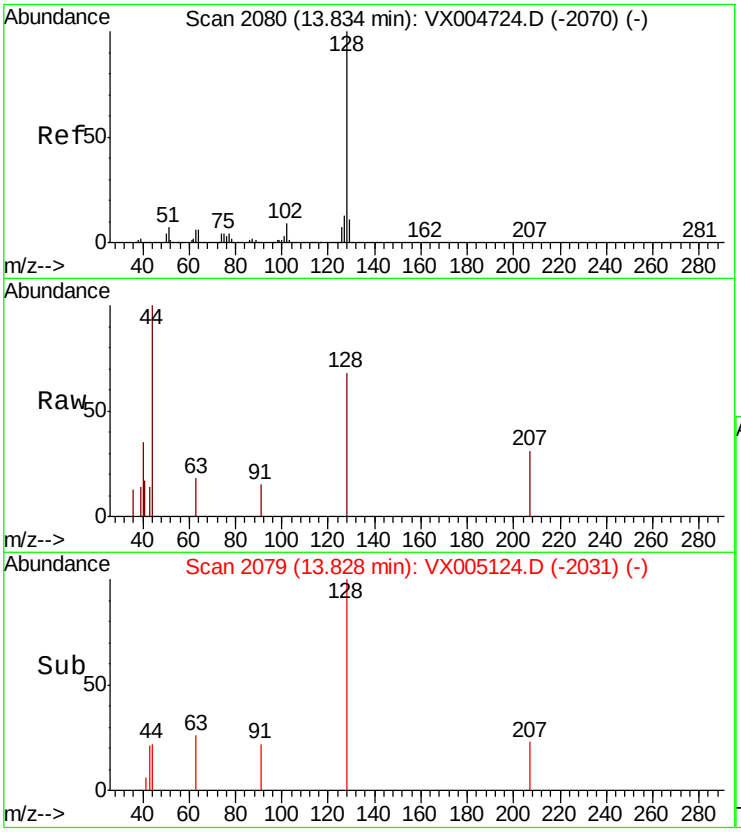


#81
trans-1,4-Dichloro-2-butene
Concen: 56.197 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Tgt Ion: 75 Resp: 76775

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.749 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX005124.D
Acq: 08 Oct 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20180927

Tgt Ion:128 Resp: 418

Ion	Ratio	Lower	Upper
128	100		
127	6.2	10.4	15.6#
129	0.0	8.7	13.1#