Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
Data File : VX005258.D
Acq On : 11 Oct 2018 17:18
Operator : JC/MD
Sample : J5317-09 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-122D1-IMP-20181004

Quant Time: Oct 12 07:09:39 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	164919	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260494	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257394	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143035	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.06	65	128744	54.65 ug/l	0.00
Spiked Amount 50.000			Recovery = 109.30%		
35) Dibromofluoromethane	5.49	113	110258	49.94 ug/l	0.00
Spiked Amount 50.000			Recovery = 99.88%		
50) Toluene-d8	8.71	98	375586	51.17 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.34%		
62) 4-Bromofluorobenzene	11.14	95	132631	50.16 ug/l	0.00
Spiked Amount 50.000			Recovery = 100.32%		
Target Compounds					Qvalue
3) Chloromethane	1.32	50	651	0.239 ug/l #	85
5) Bromomethane	1.64	94	848	0.559 ug/l	90
6) Chloroethane	1.71	64	1458	Below Cal #	45
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2012	1.115 ug/l	92
10) Methyl Iodide	2.51	142	968	0.401 ug/l #	88
11) Tert butyl alcohol	3.02	59	1274	1.934 ug/l #	72
12) 1,1-Dichloroethene	2.37	96	639	0.358 ug/l #	71
13) Acrolein	2.29	56	210	0.448 ug/l	86
15) Acrylonitrile	3.15	53	797	0.550 ug/l #	72
16) Acetone	2.45	43	1789	1.301 ug/l #	81
17) Carbon Disulfide	2.57	76	1703	0.317 ug/l #	63
20) Methylene Chloride	2.85	84	569	Below Cal #	90
21) trans-1,2-Dichloroethene	3.16	96	572	0.292 ug/l #	83
27) cis-1,2-Dichloroethene	4.59	96	1530	0.700 ug/l	60
29) Tetrahydrofuran	5.17	42	556	0.441 ug/l #	51
31) Cyclohexane	5.66	56	3234	1.079 ug/l #	1
36) 1,1-Dichloropropene	5.66	75	11470	3.808 ug/l #	46
38) Carbon Tetrachloride	5.67	117	14876	4.698 ug/l #	18
39) Methylcyclohexane	7.21	83	3459	1.125 ug/l #	1
44) Trichloroethene	7.21	130	308553	133.099 ug/l	99
49) 1,4-Dioxane	7.77	88	206	3.166 ug/l #	74
58) 2-Chloroethyl Vinyl ether	8.32	63	117	14.299 ug/l #	49
60) Dibromochloromethane	9.34	129	906	0.399 ug/l #	10
64) Tetrachloroethene	9.34	164	1171	0.462 ug/l #	90
70) Styrene	10.72	104	202	2.168 ug/l #	58
74) N-amyl acetate	10.90	43	161	1.779 ug/l #	48
76) 1,2,3-Trichloropropane	11.14	75	65578	20.455 ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	185	Below Cal #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	65578	55.559 ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	311	Below Cal #	65
94) Hexachlorobutadiene	13.78	225	421	0.226 ug/l	92
95) Naphthalene	13.83	128	890	0.793 ug/l #	89

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
Data File : VX005258.D
Acq On : 11 Oct 2018 17:18
Operator : JC/MD
Sample : J5317-09 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Quant Time: Oct 12 07:09:39 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
Data File : VX005258.D
Acq On : 11 Oct 2018 17:18
Operator : JC/MD
Sample : J5317-09 5X
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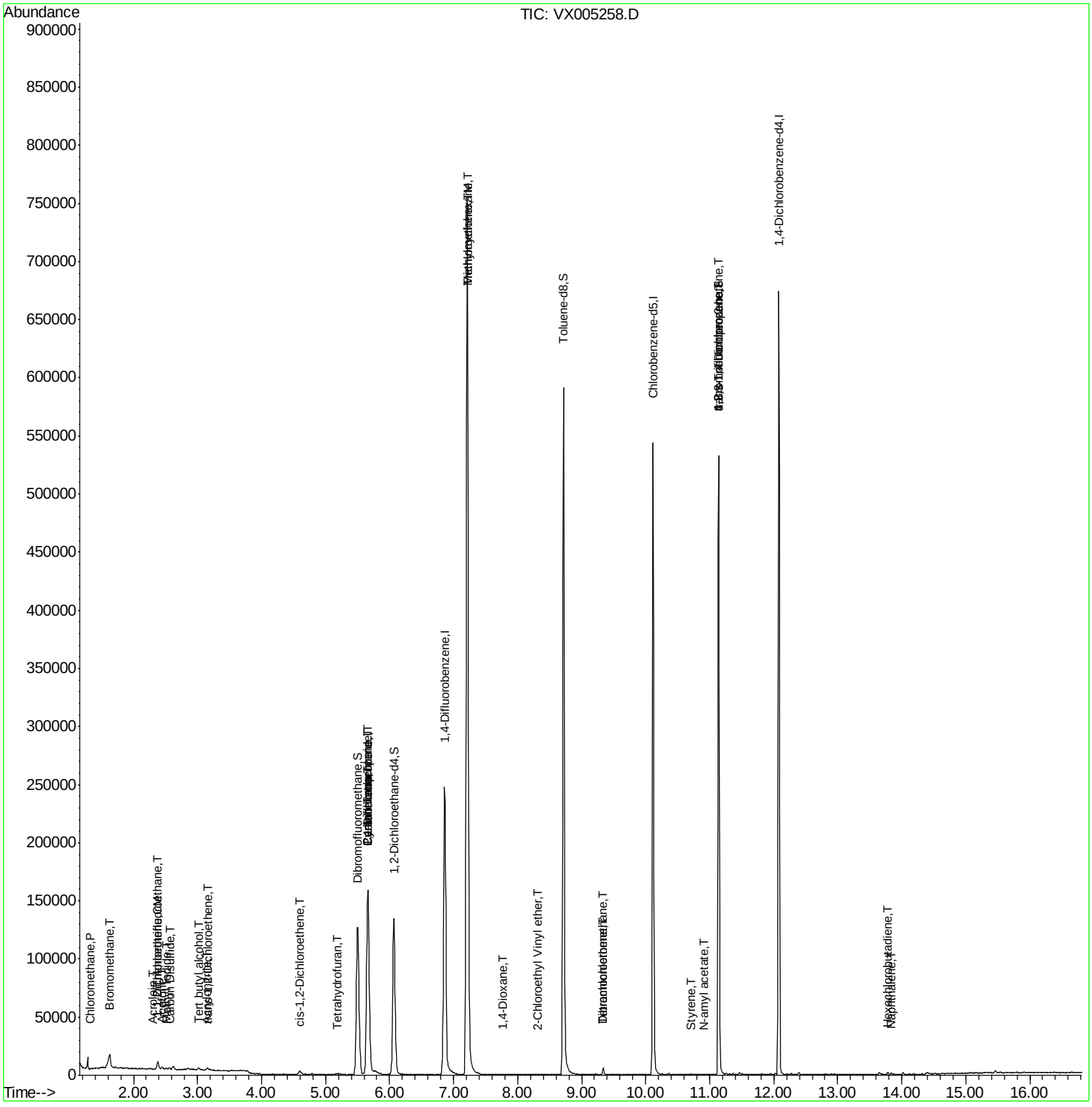
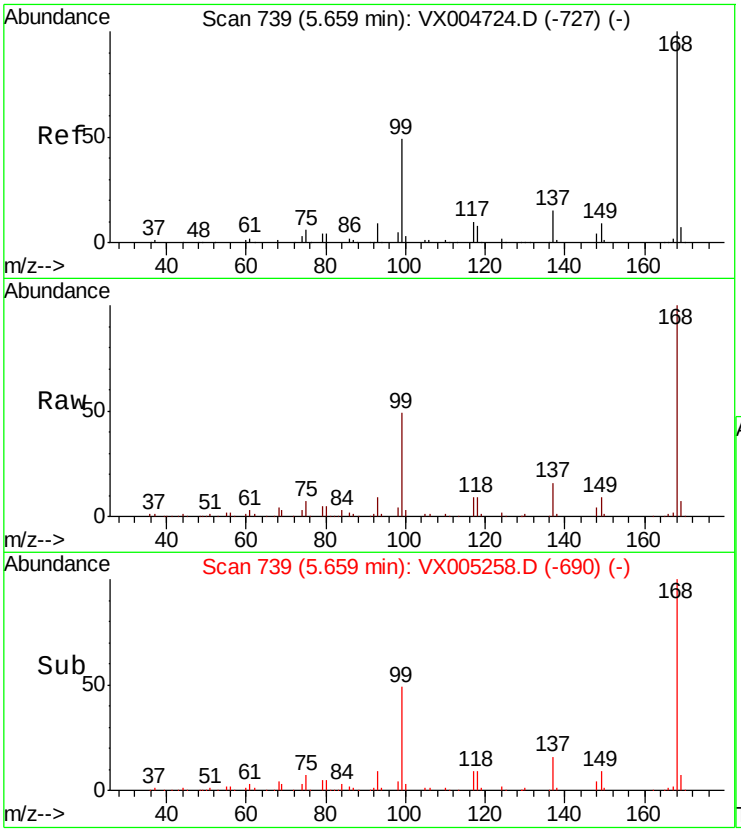
Quant Time: Oct 12 07:09:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



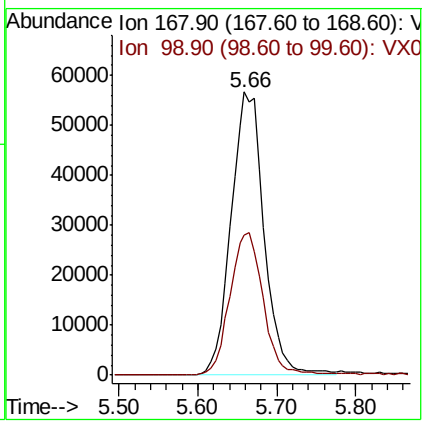


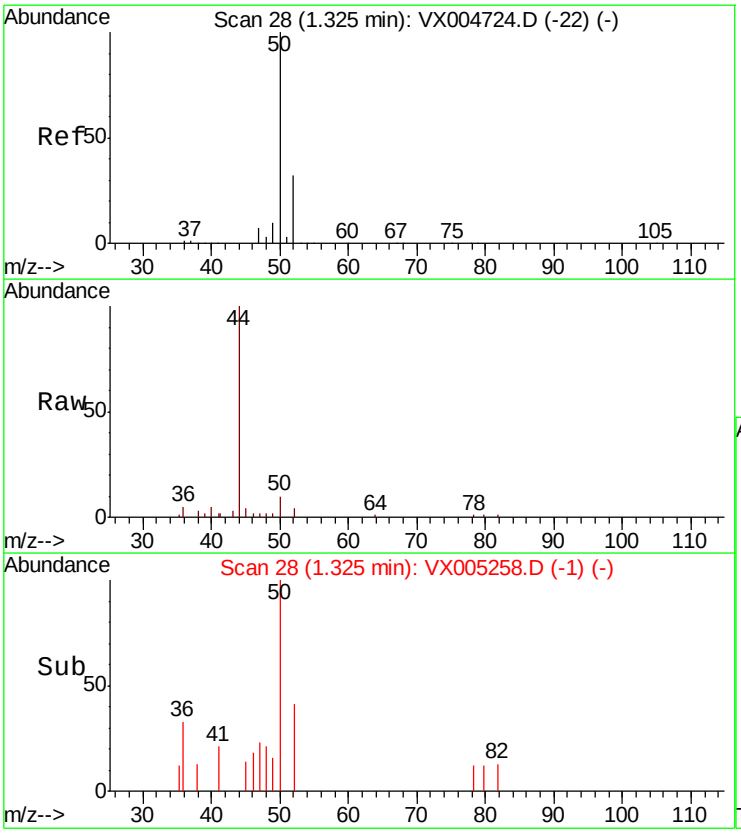
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion:168 Resp: 164919

Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.3	58.9

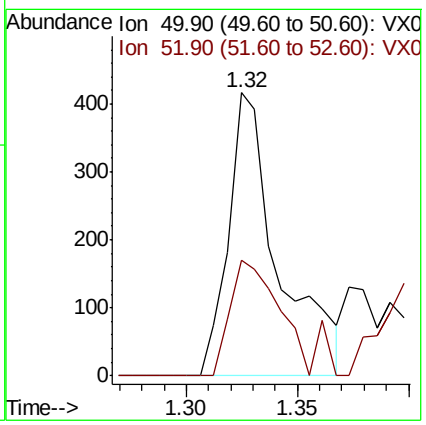


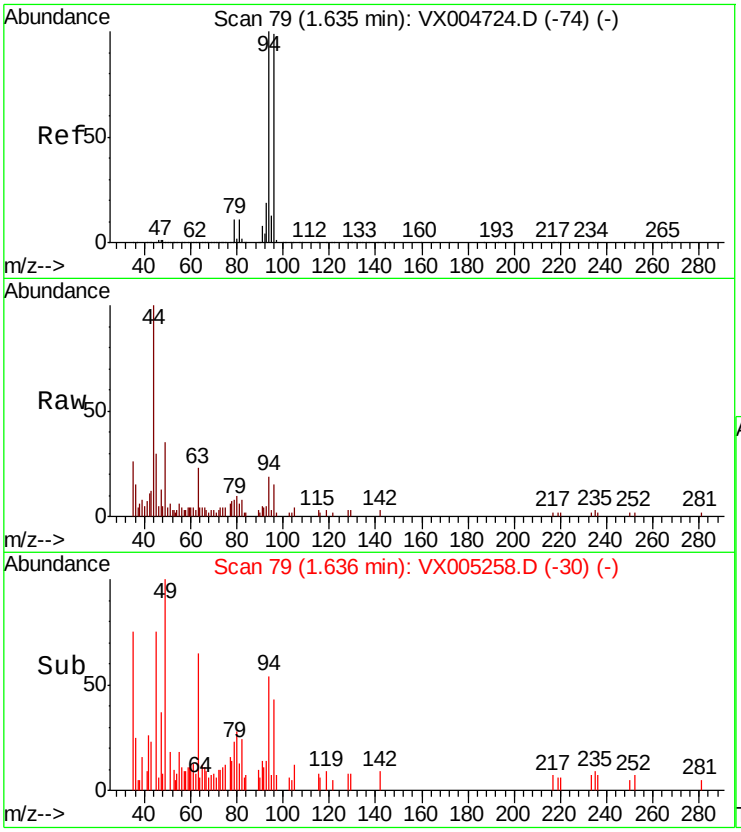


#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 50 Resp: 651

Ion	Ratio	Lower	Upper
50	100		
52	40.8	25.8	38.6#



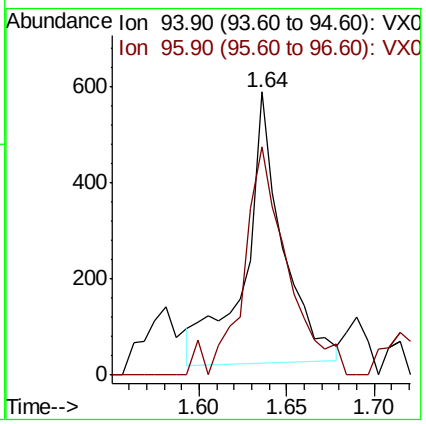


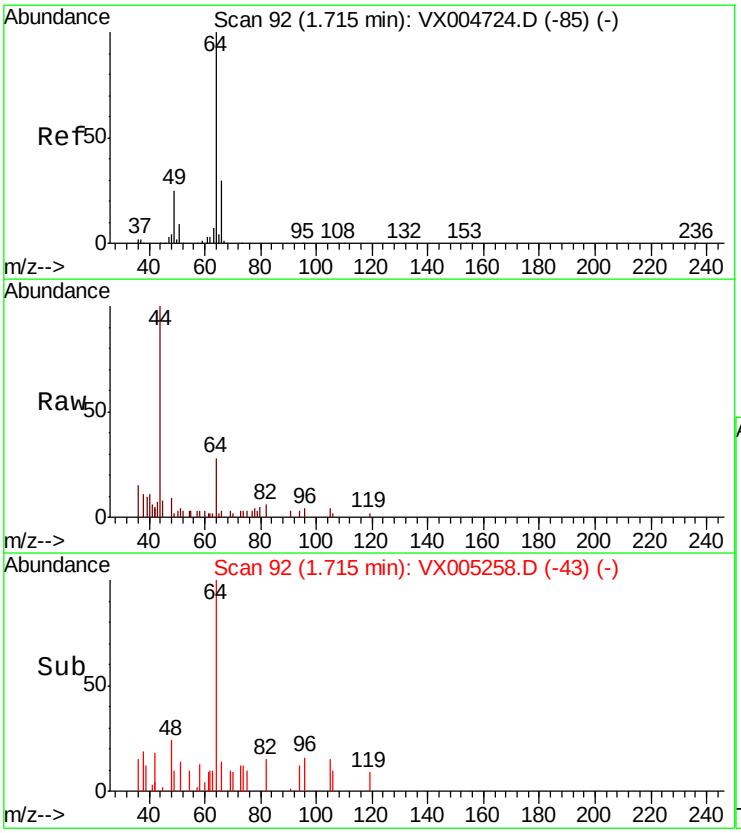
#5
Bromomethane
Concen: 0.559 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 94 Resp: 848

Ion	Ratio	Lower	Upper
94	100		
96	89.6	79.5	119.3

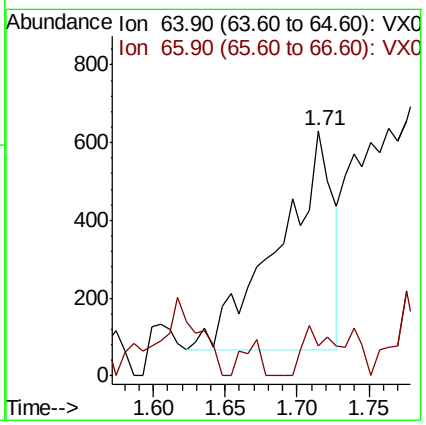


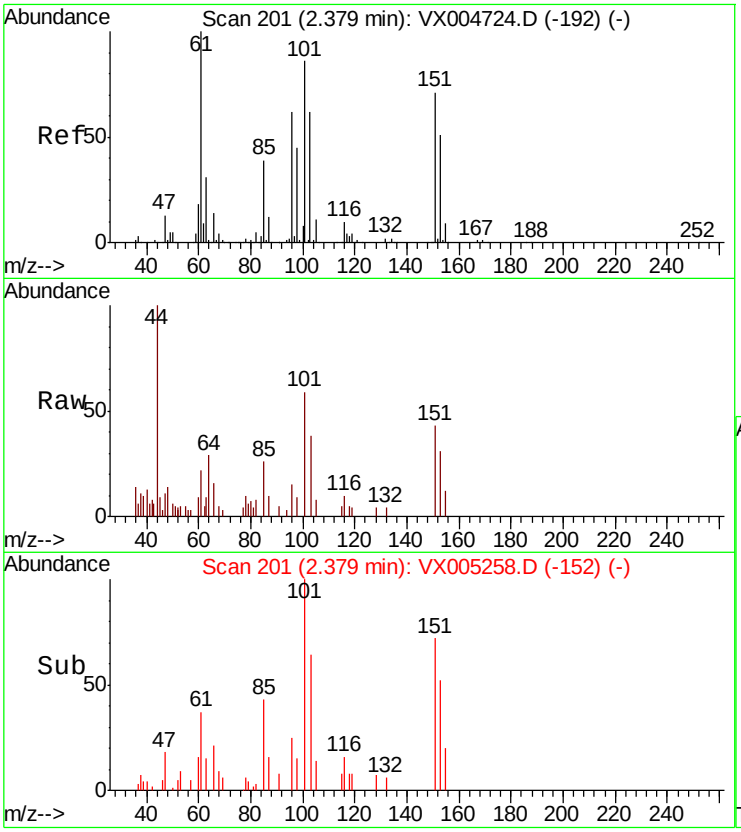


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 64 Resp: 1458

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#



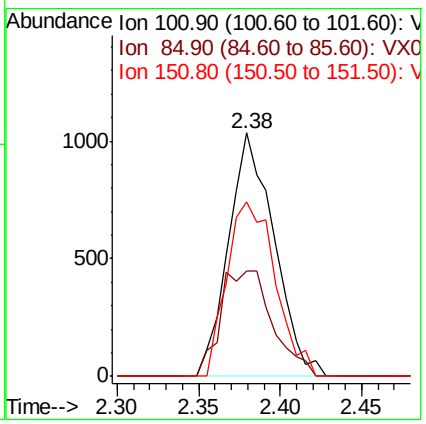


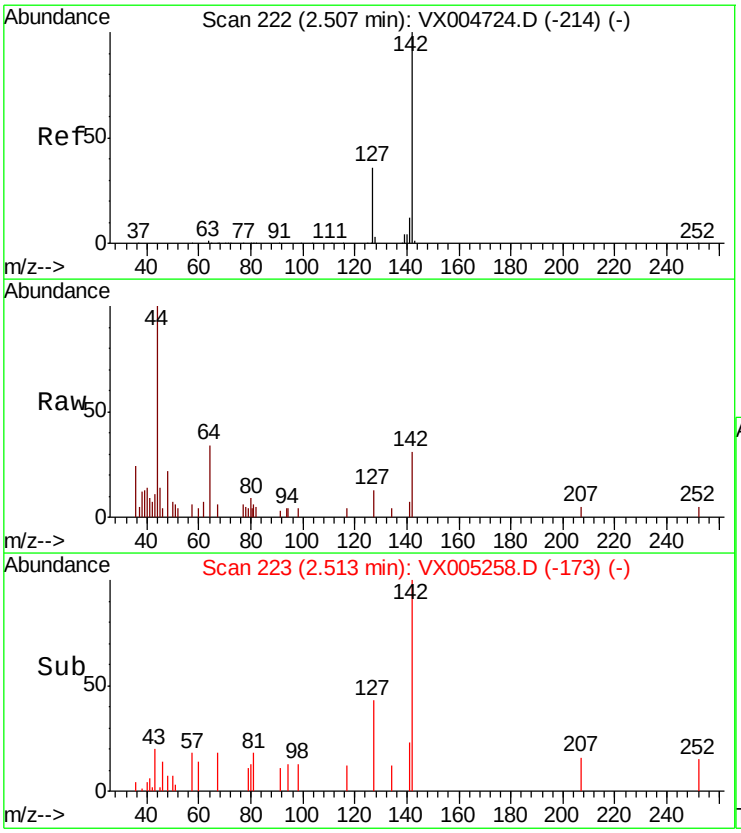
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.115 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion:101 Resp: 2012

Ion	Ratio	Lower	Upper
101	100		
85	49.9	35.9	53.9
151	76.2	66.6	100.0

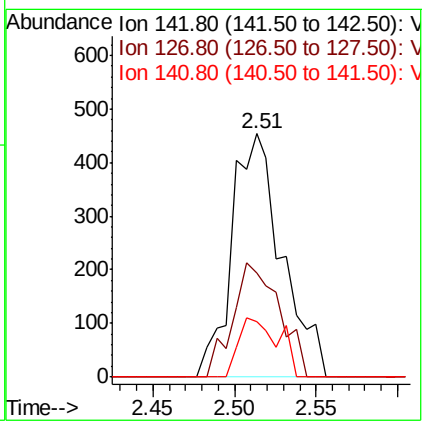


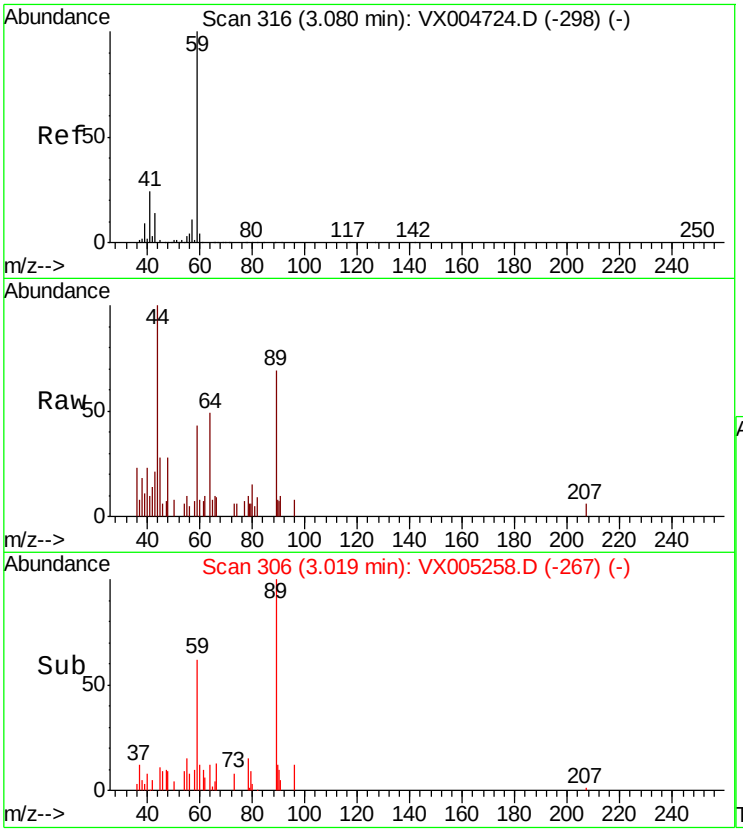


#10
Methyl Iodide
Concen: 0.401 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion:142 Resp: 968

Ion	Ratio	Lower	Upper
142	100		
127	43.6	30.1	45.1
141	19.3	10.1	15.1#



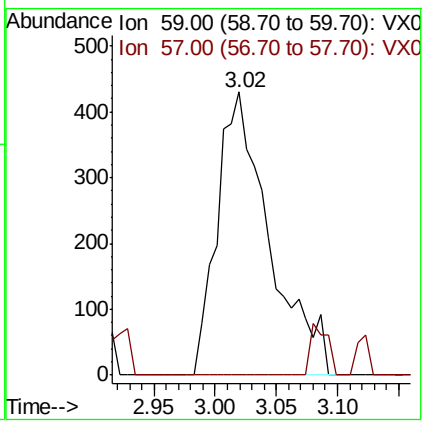


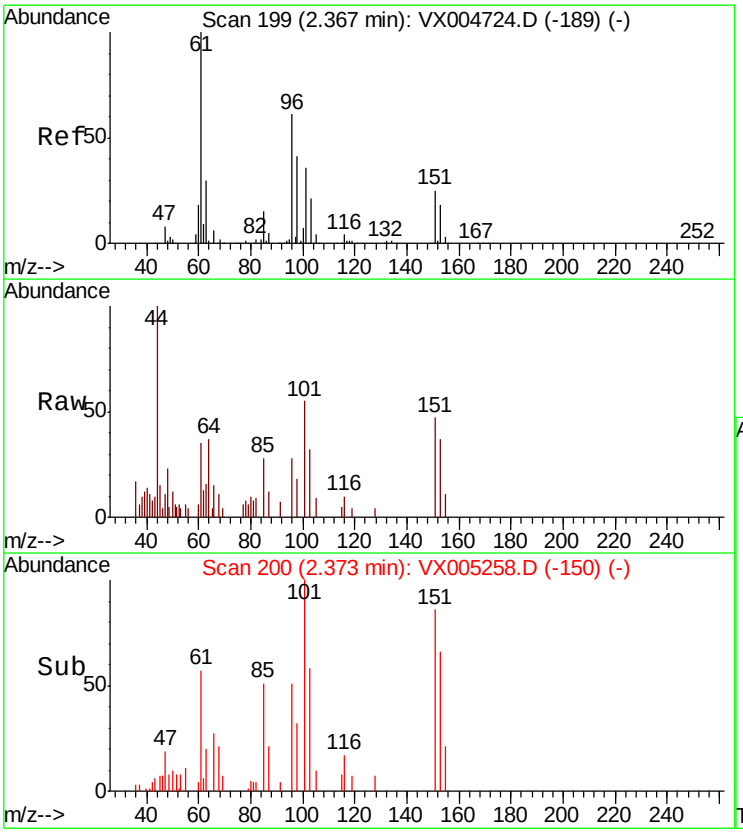
#11
Tert butyl alcohol
Concen: 1.934 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 59 Resp: 1274

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

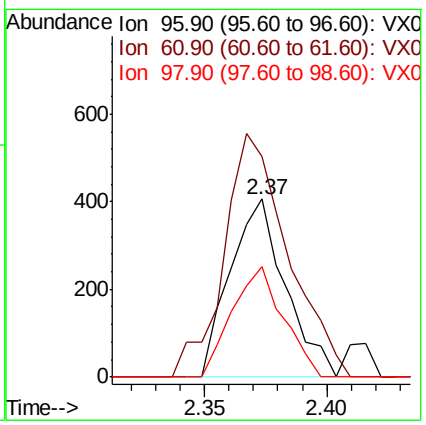


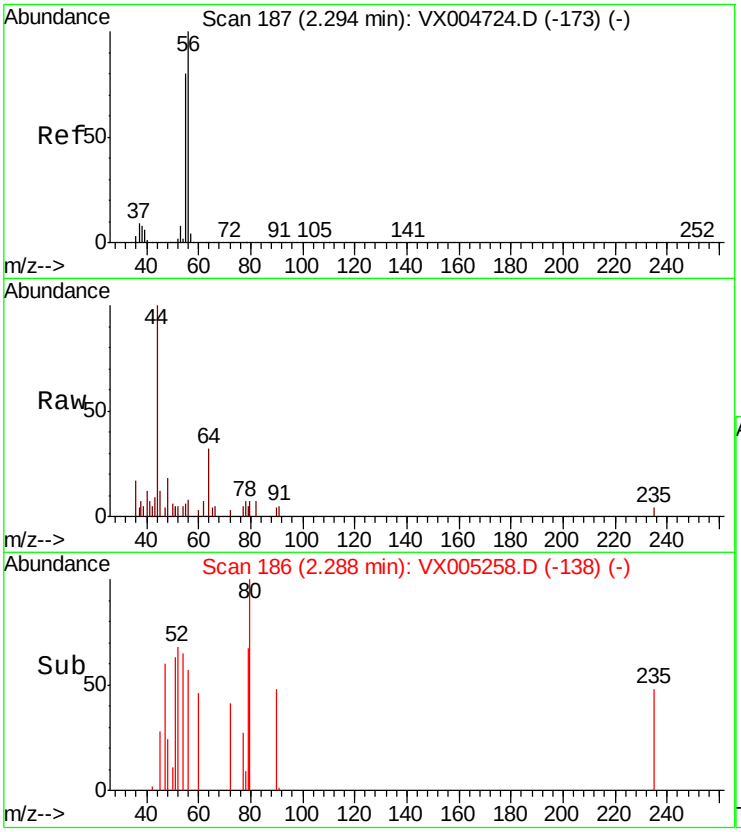


#12
1,1-Dichloroethene
Concen: 0.358 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 96 Resp: 639

Ion	Ratio	Lower	Upper
96	100		
61	111.3	130.2	195.4#
98	62.3	53.4	80.0



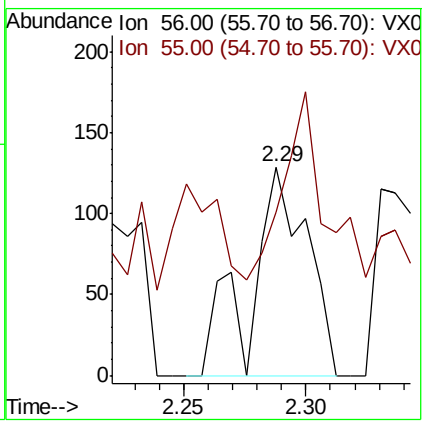


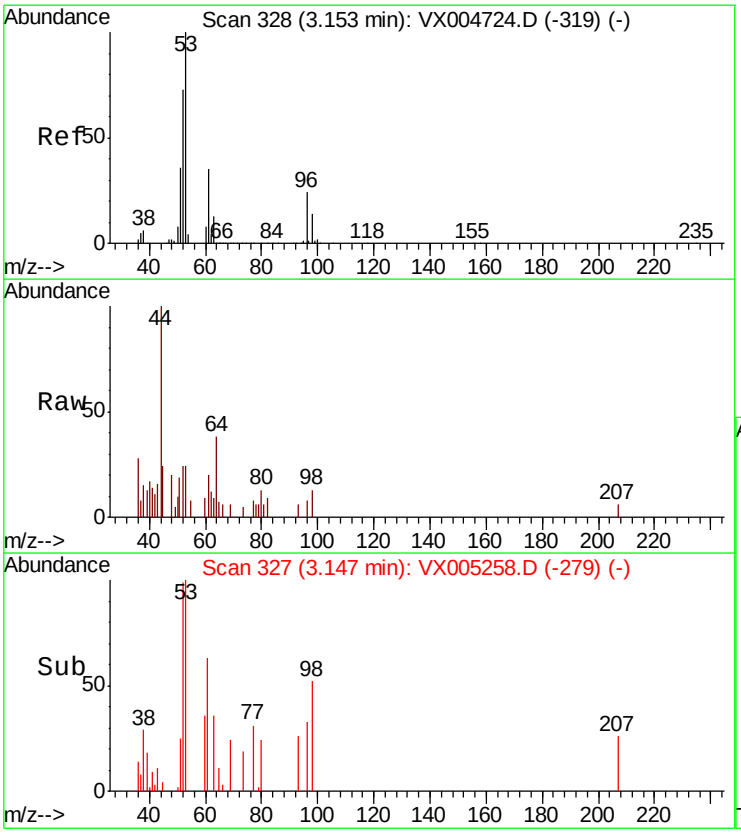
#13
Acrolein
Concen: 0.448 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 56 Resp: 210

Ion	Ratio	Lower	Upper
56	100		
55	67.1	63.4	95.2

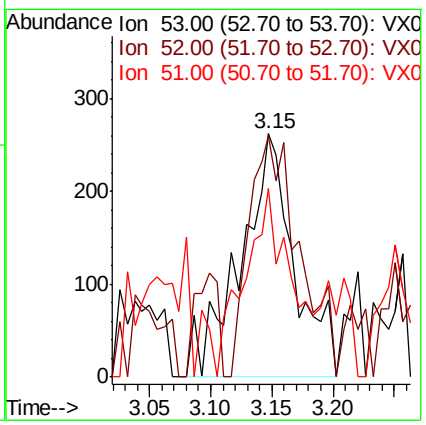


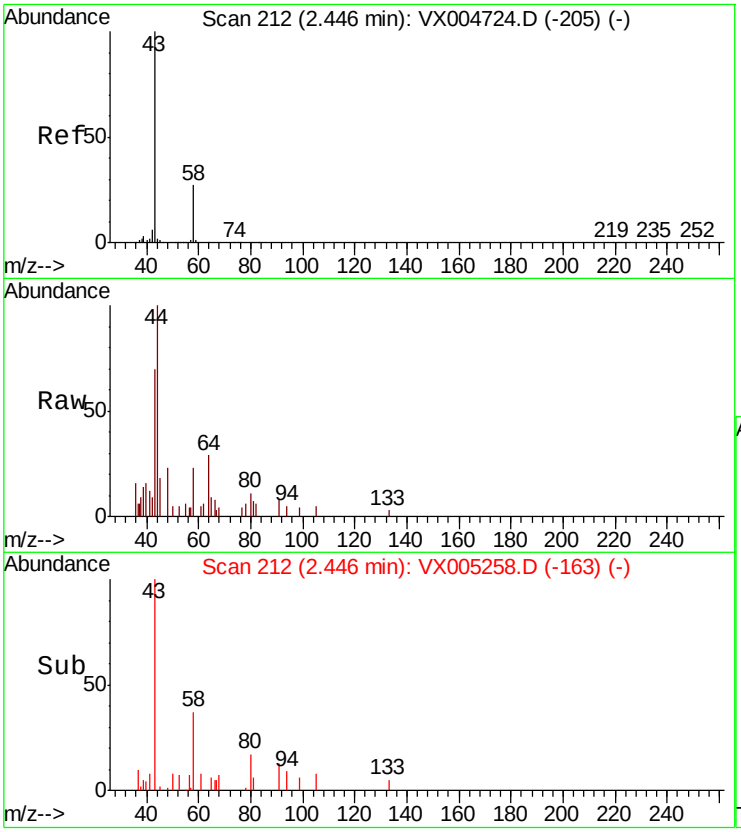


#15
Acrylonitrile
Concen: 0.550 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 53 Resp: 797

Ion	Ratio	Lower	Upper
53	100		
52	93.2	63.0	94.4
51	66.6	28.6	42.8#



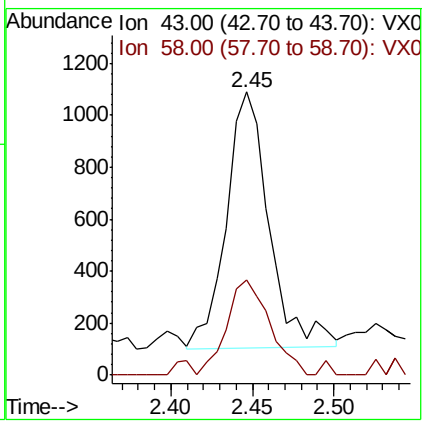


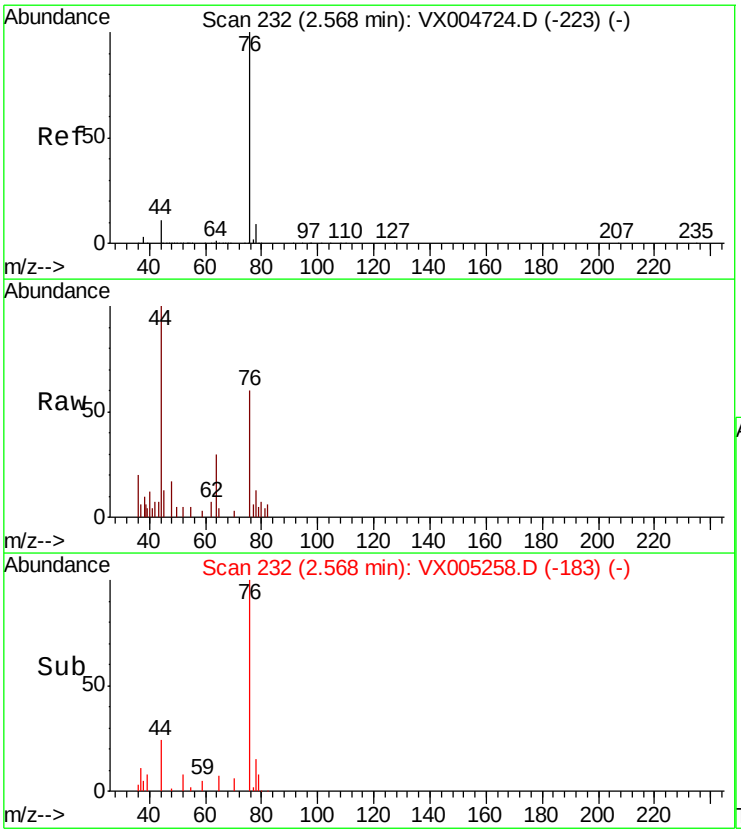
#16
Acetone
Concen: 1.301 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 43 Resp: 1789

Ion	Ratio	Lower	Upper
43	100		
58	37.3	21.8	32.6#

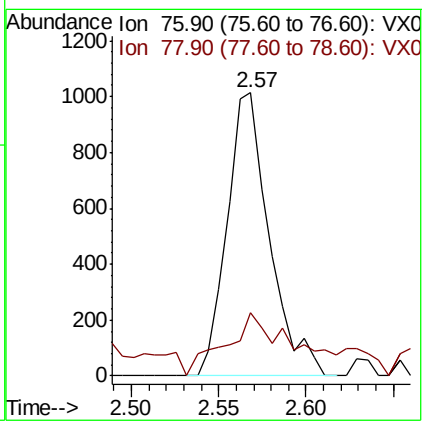


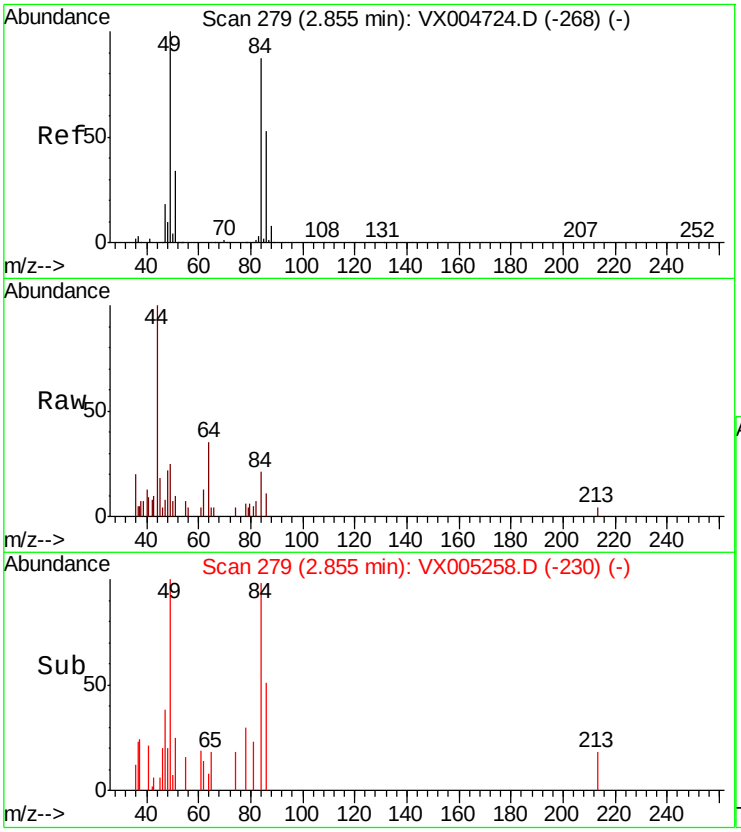


#17
Carbon Disulfide
Concen: 0.317 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 76 Resp: 1703

Ion	Ratio	Lower	Upper
76	100		
78	22.2	7.0	10.6#



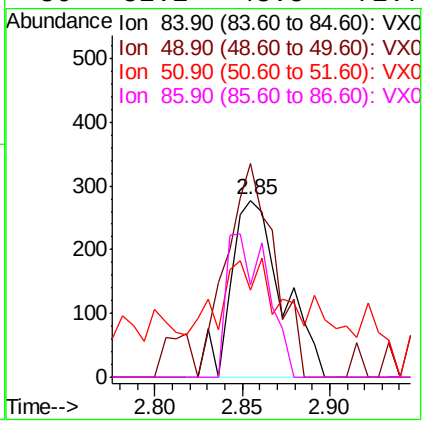


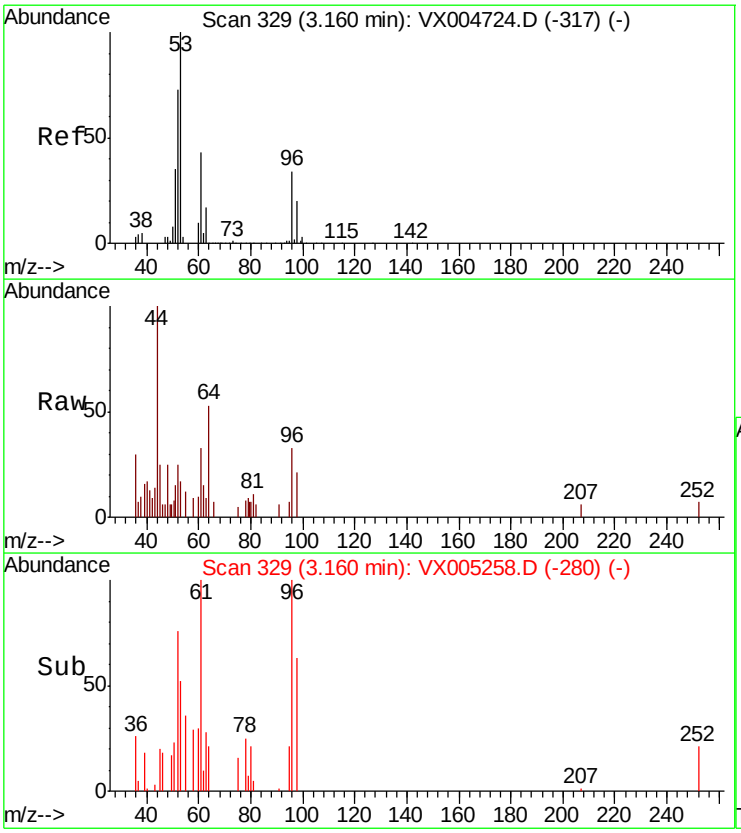
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument : MSVOA_X
ClientSampleId : RE-122D1-IMP-20181004

Tgt Ion: 84 Resp: 569

Ion	Ratio	Lower	Upper
84	100		
49	120.5	92.3	138.5
51	25.2	31.8	47.6#
86	52.2	48.5	72.7

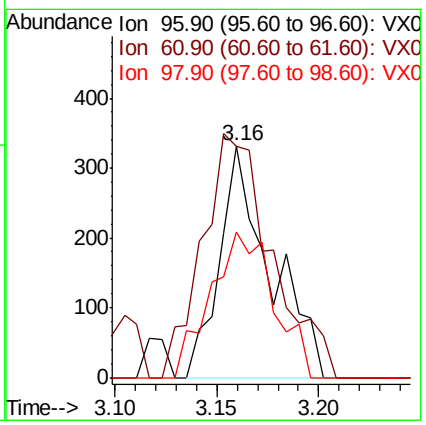


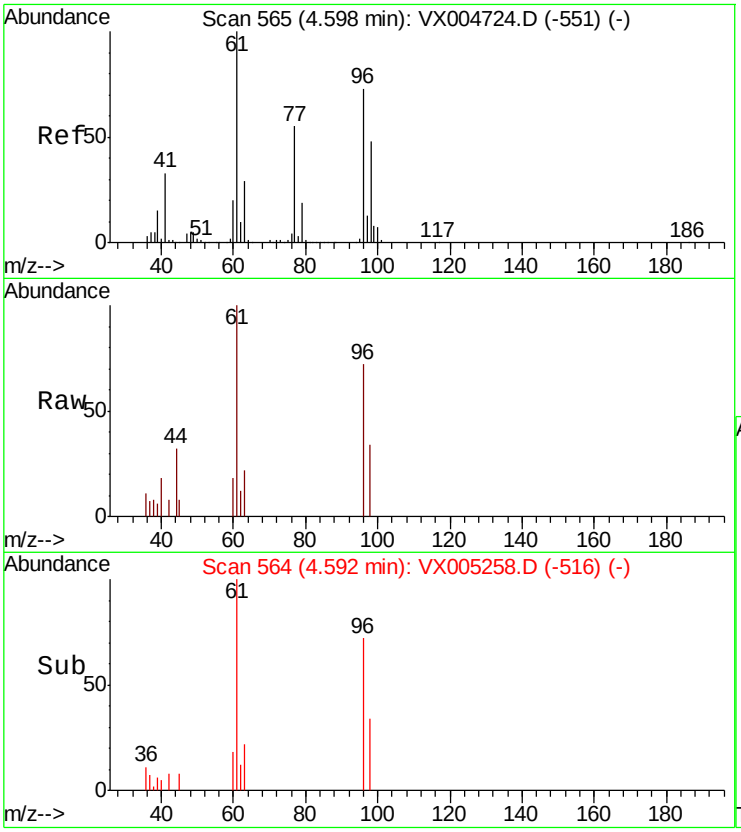


#21
trans-1,2-Dichloroethene
Concen: 0.292 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 96 Resp: 572

Ion	Ratio	Lower	Upper
96	100		
61	100.0	101.0	151.6#
98	63.0	47.2	70.8



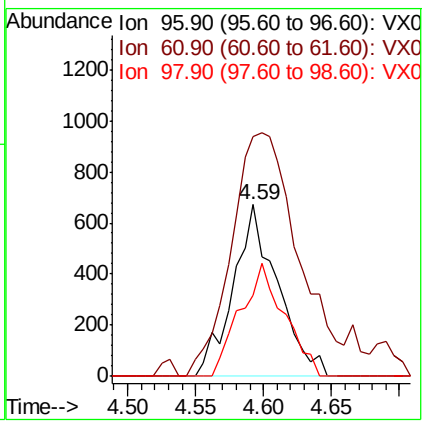


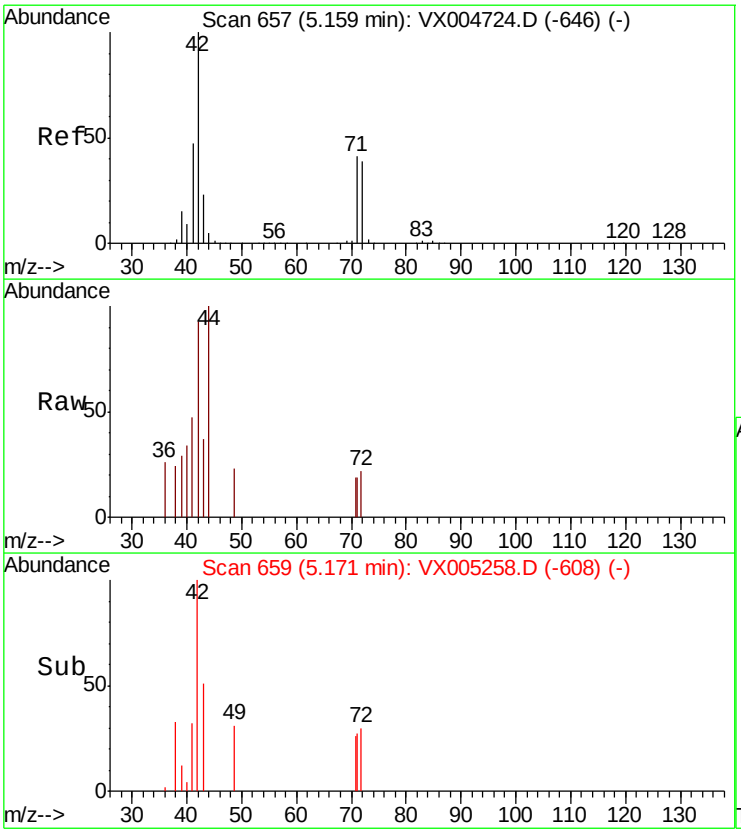
#27
cis-1,2-Dichloroethene
Concen: 0.700 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 96 Resp: 1530

Ion	Ratio	Lower	Upper
96	100		
61	213.5	0.0	285.8
98	65.4	0.0	136.2

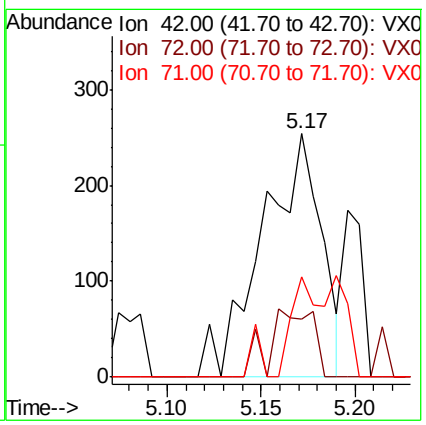


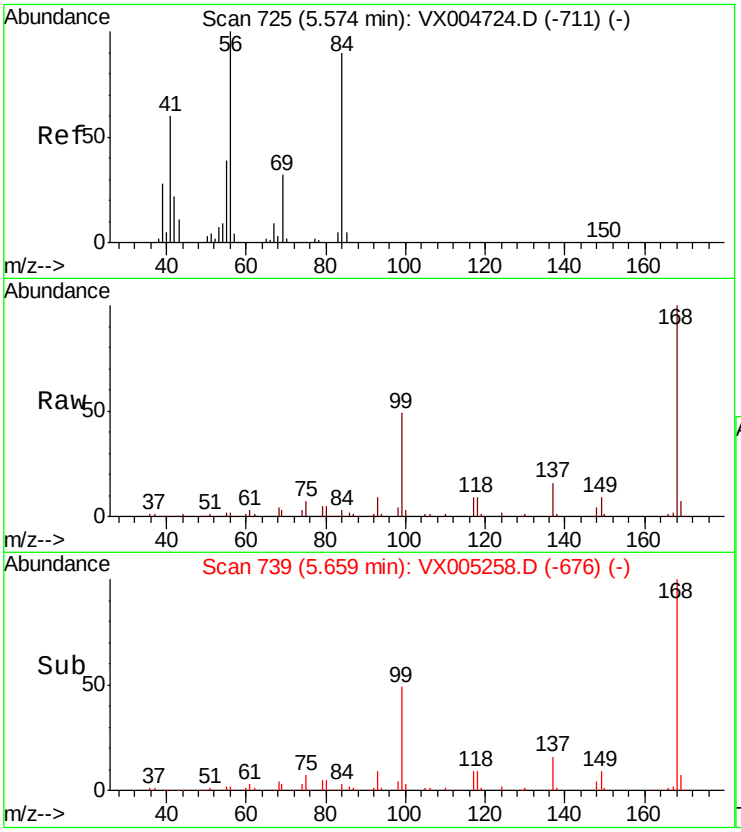


#29
Tetrahydrofuran
Concen: 0.441 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 42 Resp: 556

Ion	Ratio	Lower	Upper
42	100		
72	20.3	33.7	50.5#
71	0.0	32.2	48.4#



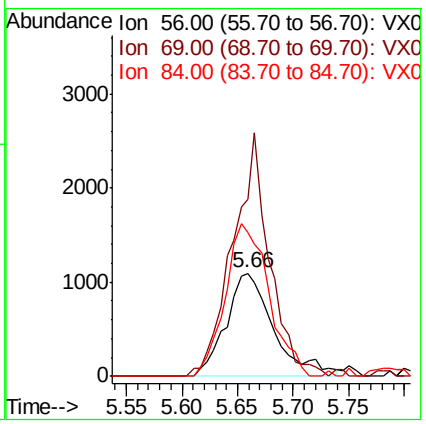


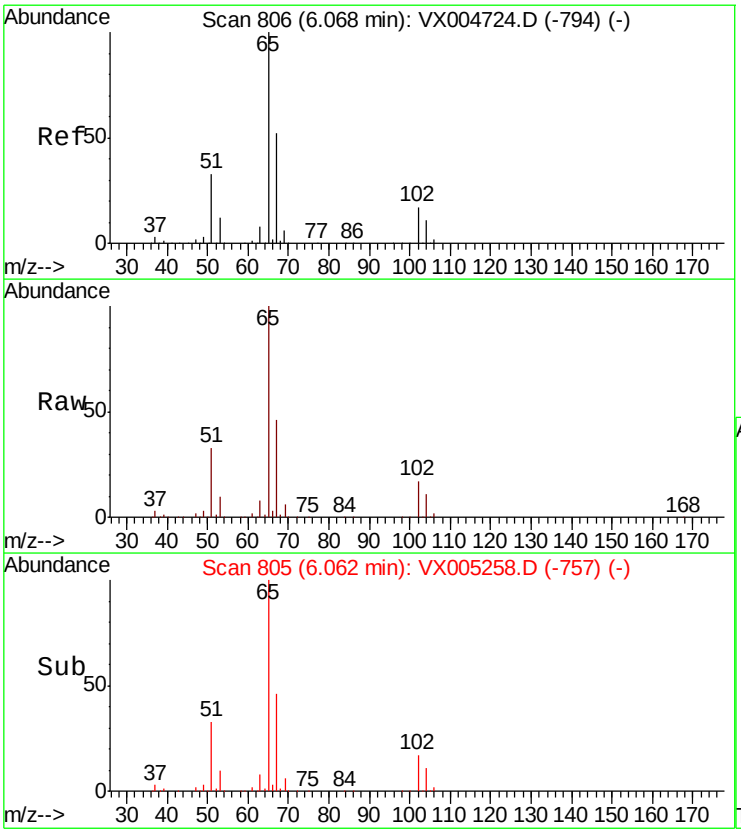
#31
Cyclohexane
Concen: 1.079 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 56 Resp: 3234

Ion	Ratio	Lower	Upper
56	100		
69	171.6	25.9	38.9#
84	139.1	71.9	107.9#

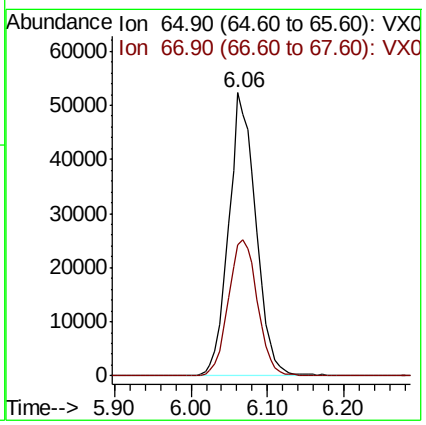


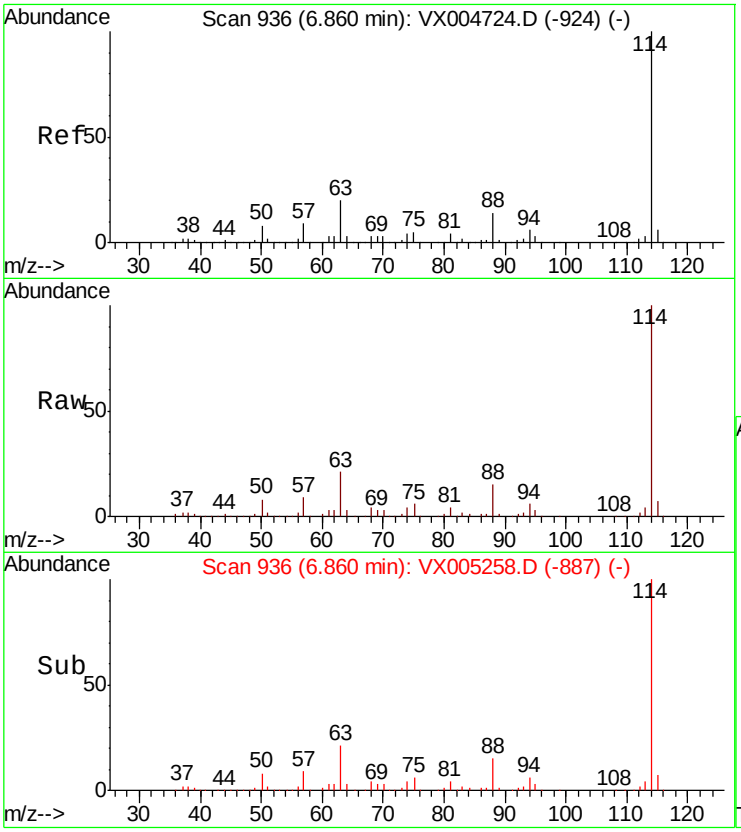


#33
1,2-Dichloroethane-d4
Concen: 54.648 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 65 Resp: 128744

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	107.4



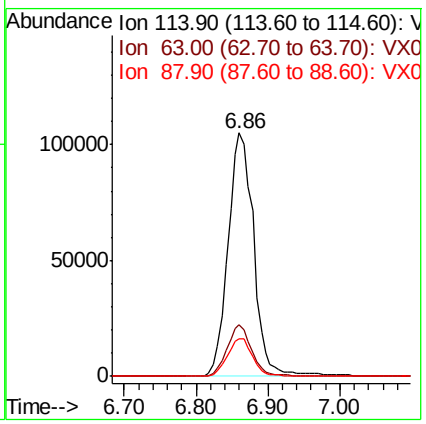


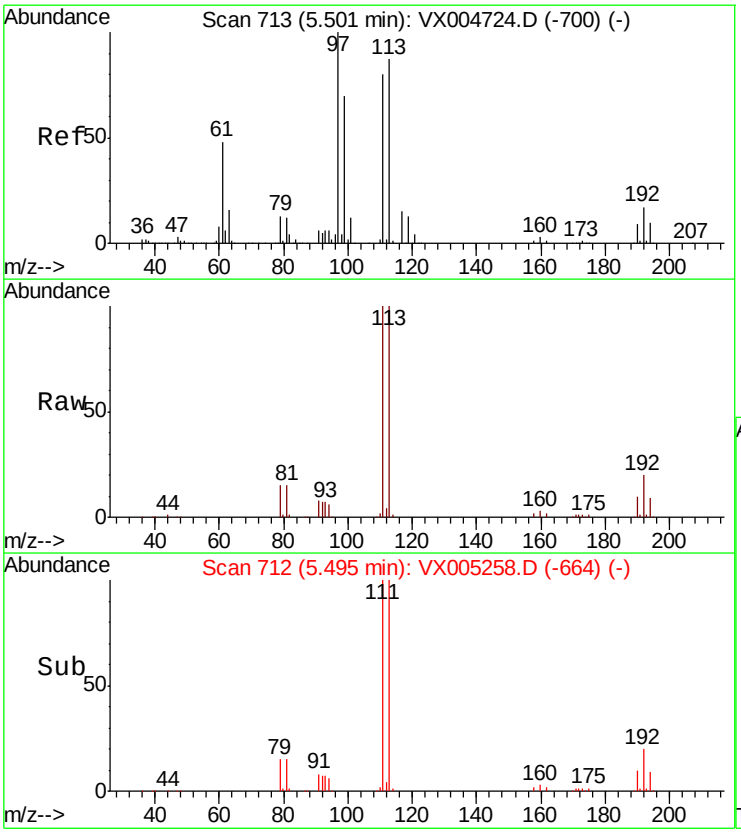
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion:114 Resp: 260494

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	39.8
88	15.3	0.0	27.0

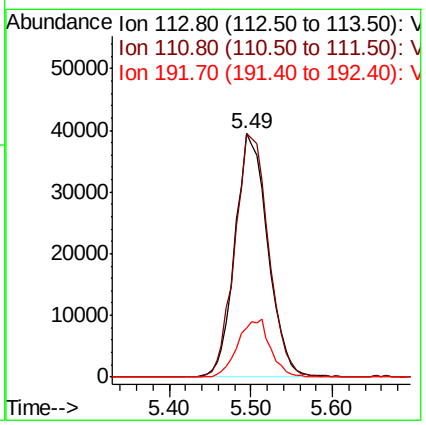


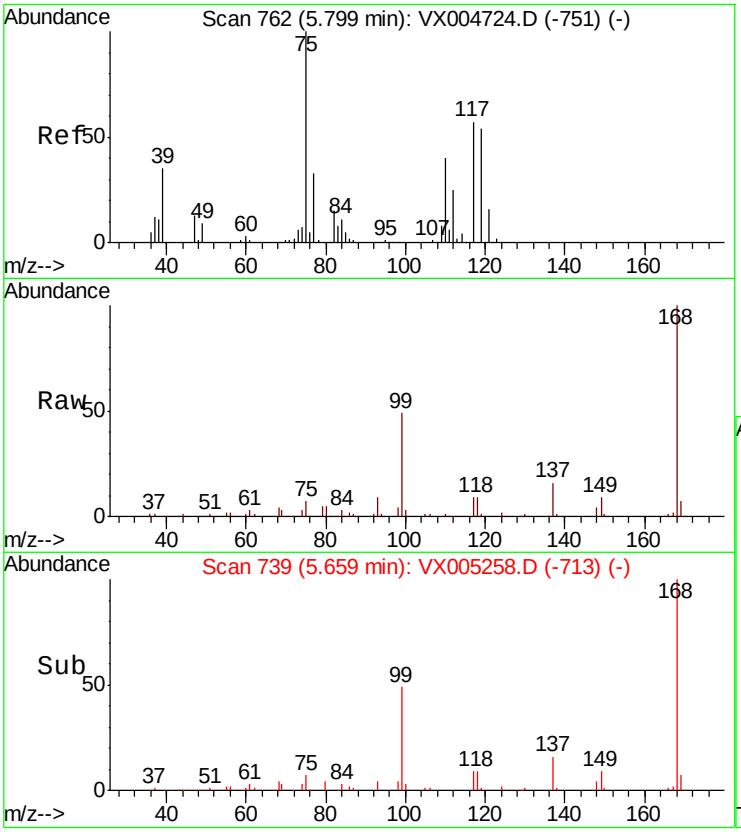


#35
Dibromofluoromethane
Concen: 49.942 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion:113 Resp: 110258

Ion	Ratio	Lower	Upper
113	100		
111	102.7	77.0	115.4
192	23.7	17.0	25.6



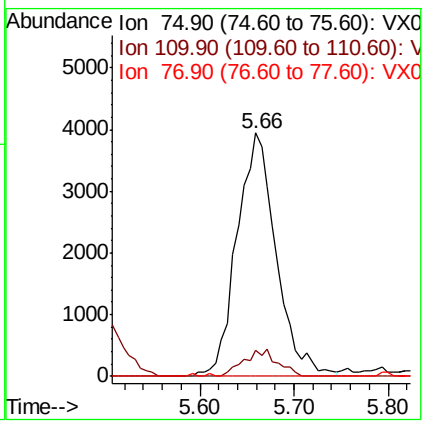


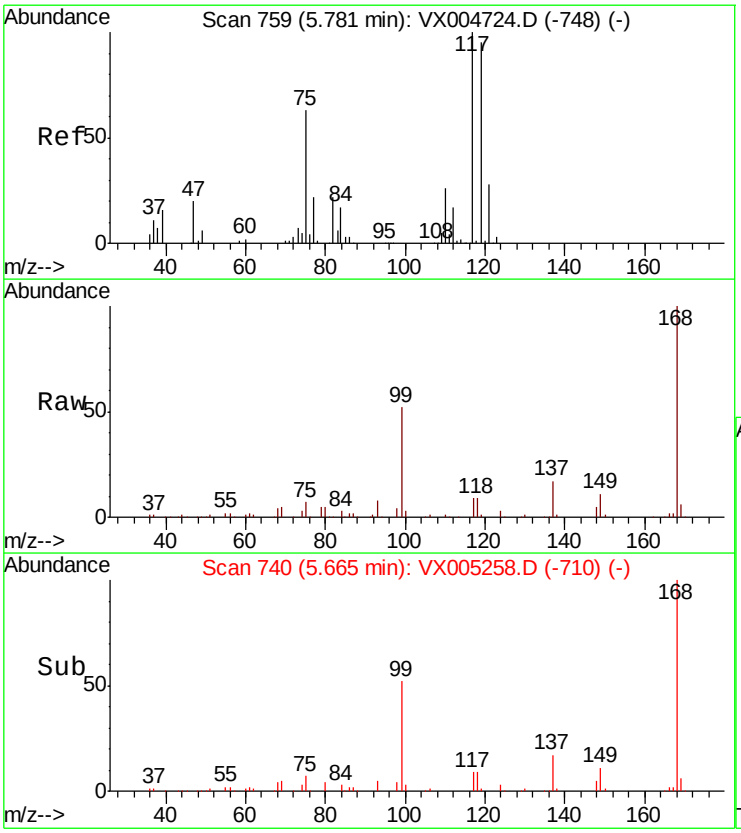
#36
1,1-Dichloropropene
Concen: 3.808 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 75 Resp: 11470

Ion	Ratio	Lower	Upper
75	100		
110	9.3	20.0	59.9#
77	0.0	27.1	40.7#

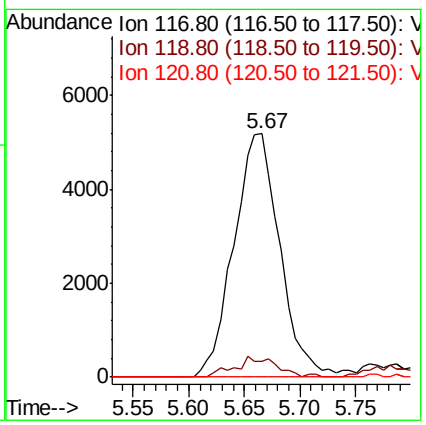


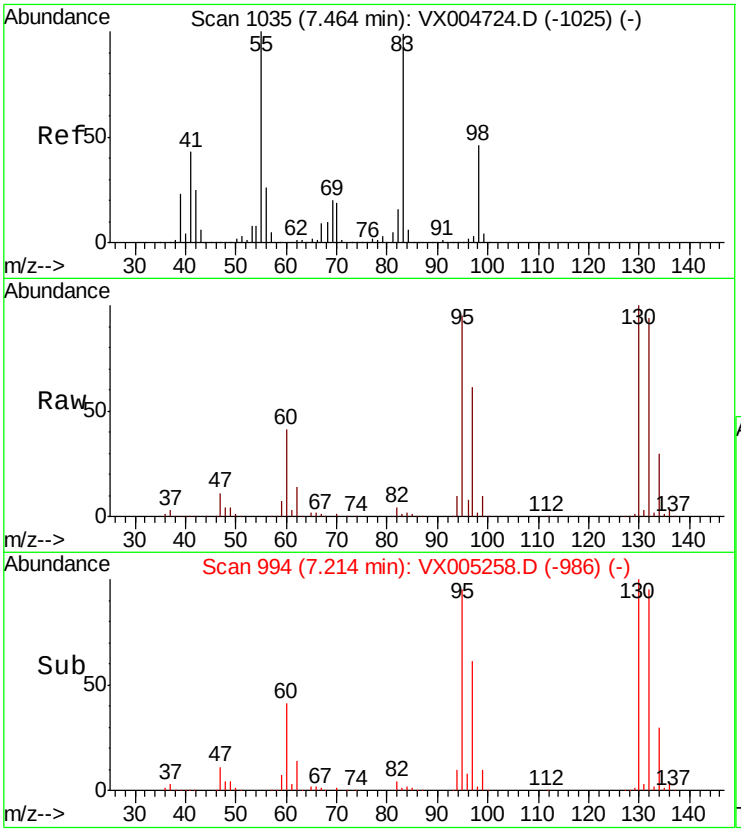


#38
Carbon Tetrachloride
Concen: 4.698 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion:117 Resp: 14876

Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.2	112.8#
121	0.0	22.5	33.7#



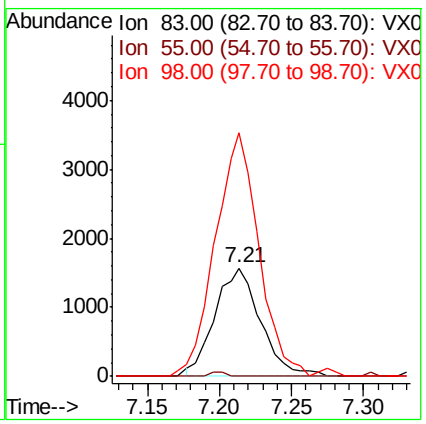


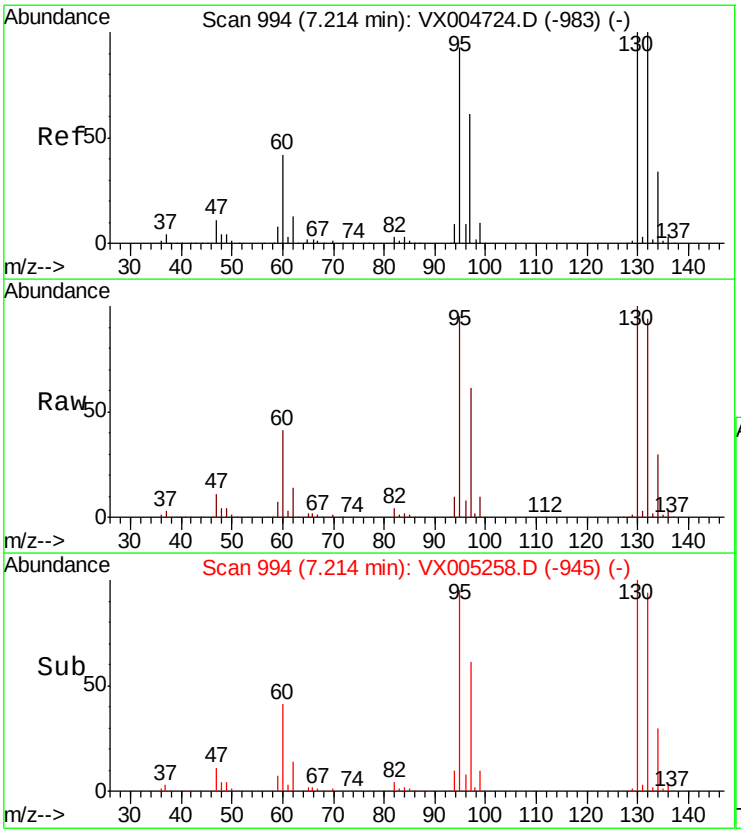
#39
Methylcyclohexane
Concen: 1.125 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 83 Resp: 3459

Ion	Ratio	Lower	Upper
83	100		
55	0.0	81.1	121.7#
98	220.7	37.3	55.9#

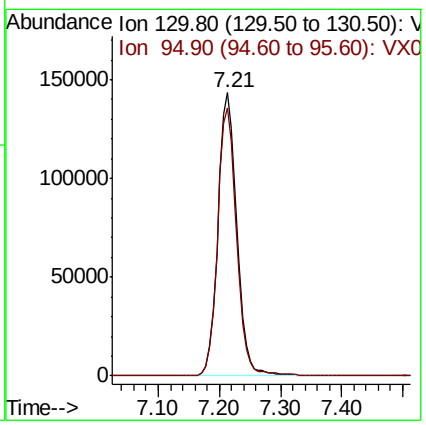


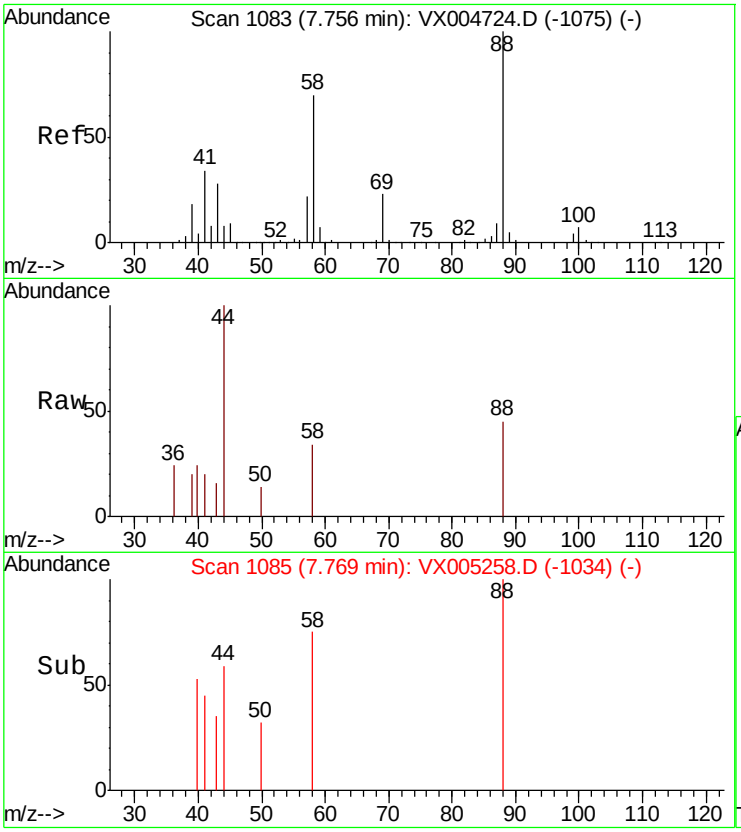


#44
Trichloroethene
Concen: 133.099 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion:130 Resp: 308553

Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	186.8



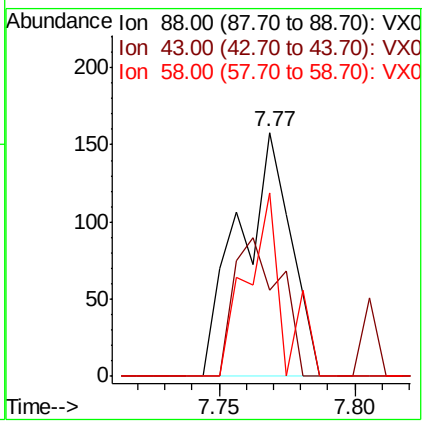


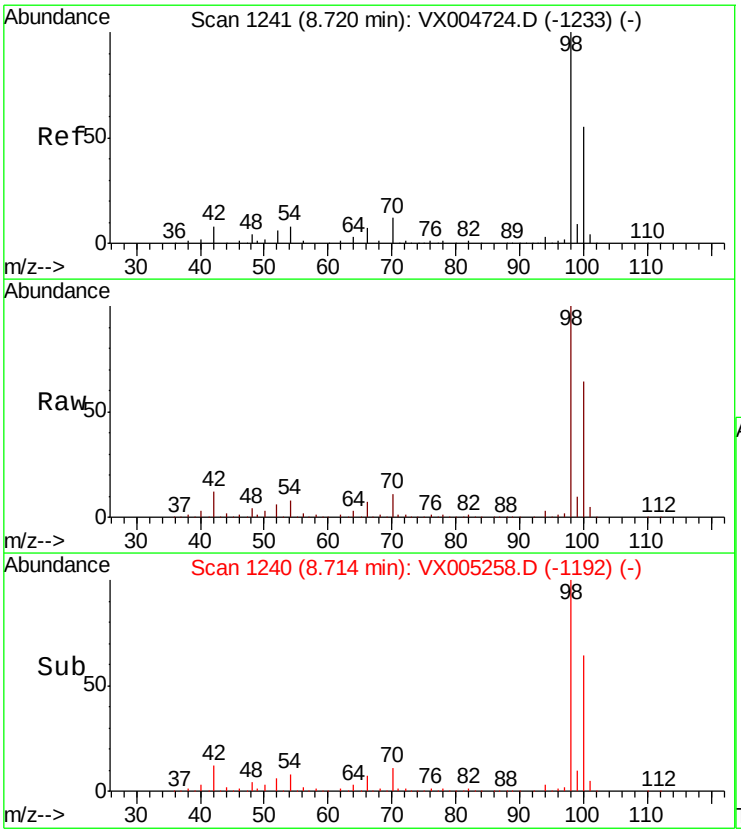
#49
1,4-Dioxane
Concen: 3.166 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 88 Resp: 206

Ion	Ratio	Lower	Upper
88	100		
43	51.5	25.1	37.7#
58	52.9	56.2	84.2#

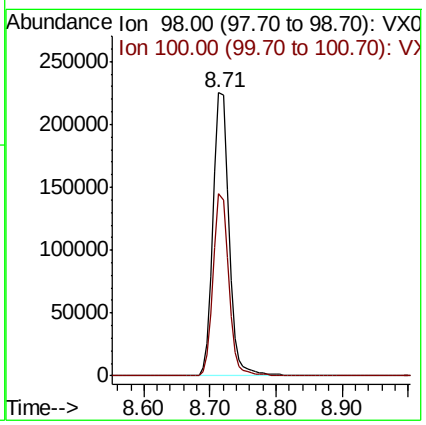


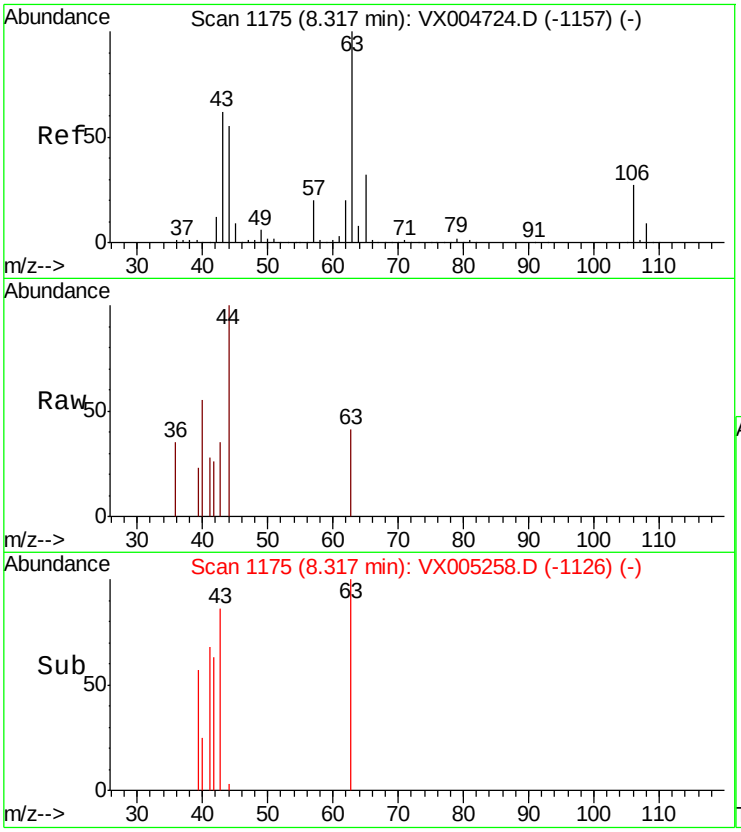


#50
Toluene-d8
Concen: 51.173 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 98 Resp: 375586

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.9	77.9



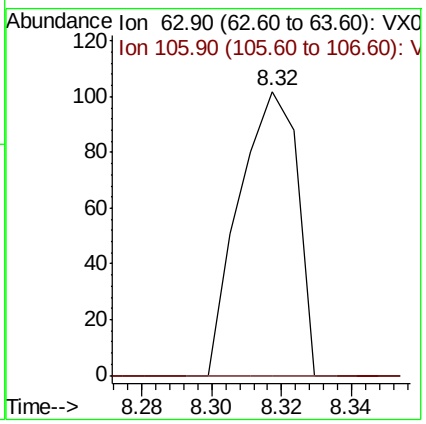


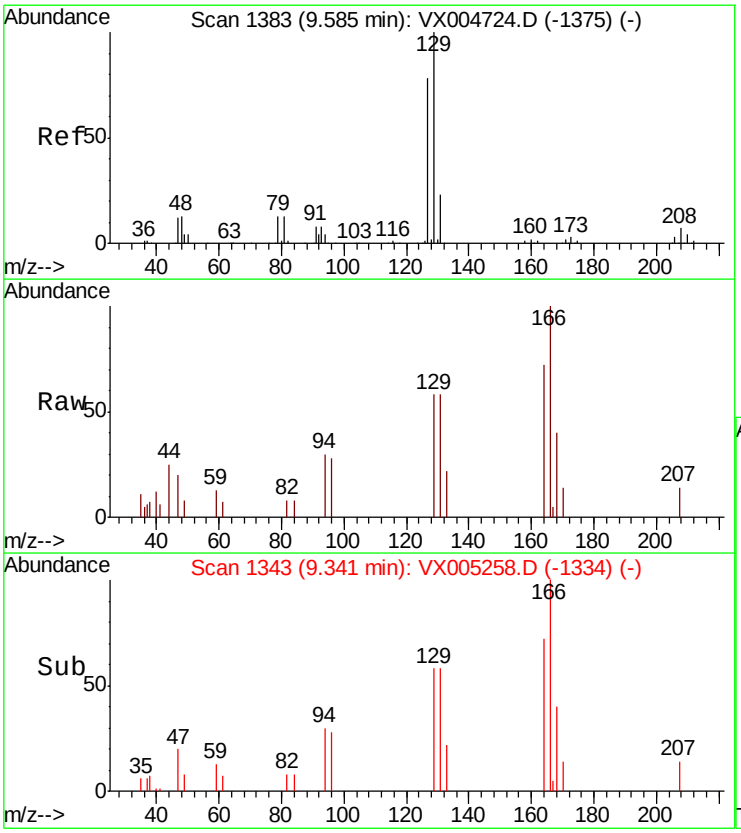
#58
2-Chloroethyl Vinyl ether
Concen: 14.299 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 63 Resp: 117

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

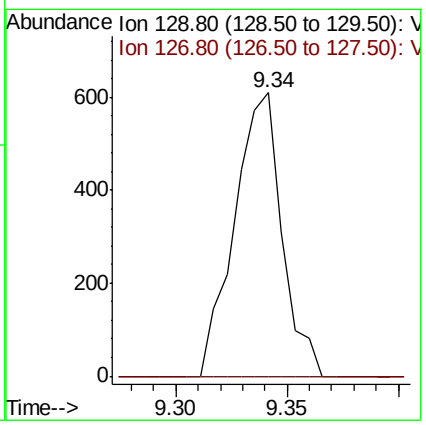


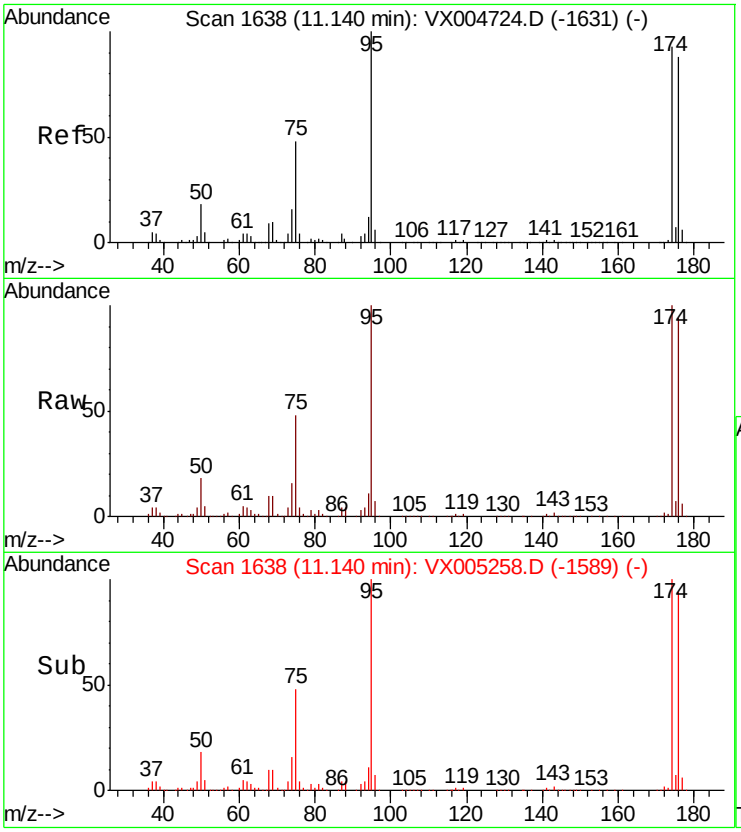


#60
Dibromochloromethane
Concen: 0.399 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. -0.24 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion:129 Resp: 906

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#



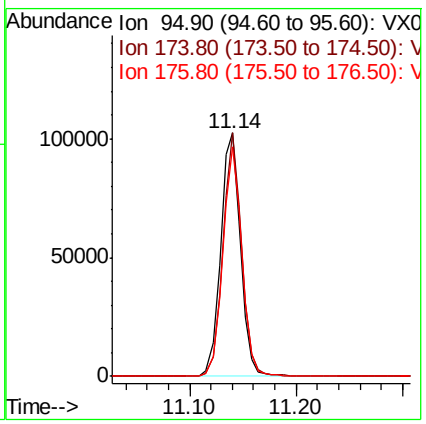


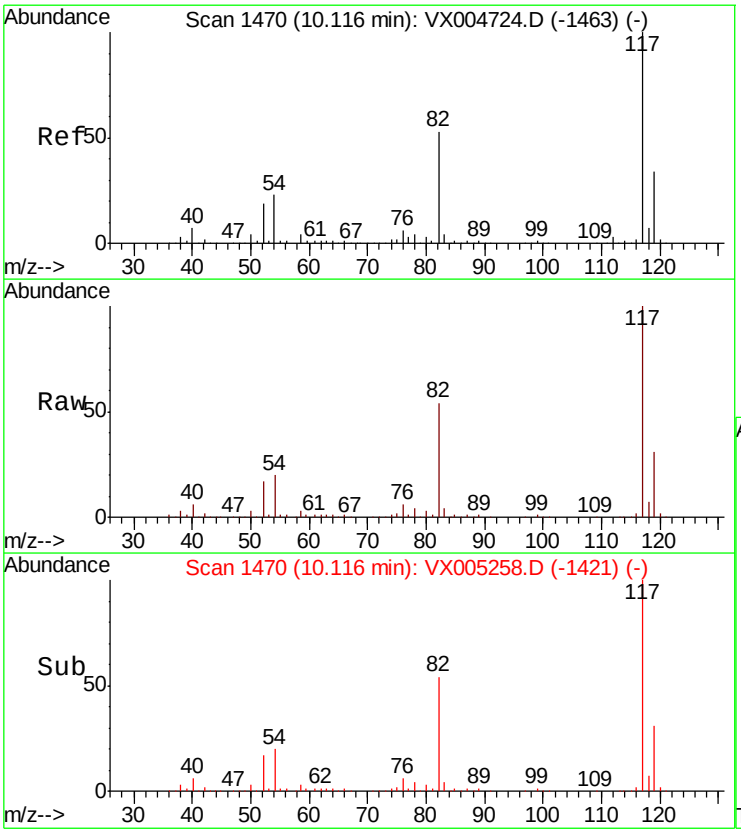
#62
4-Bromofluorobenzene
Concen: 50.161 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 95 Resp: 132631

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	185.0
176	90.9	0.0	180.2

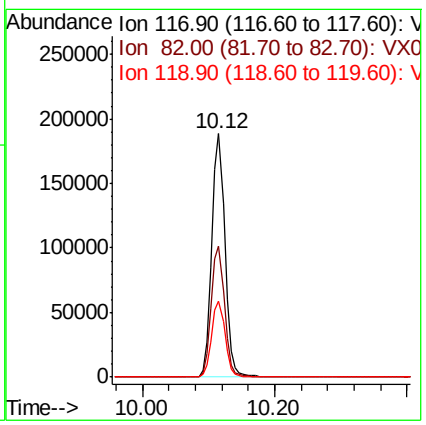


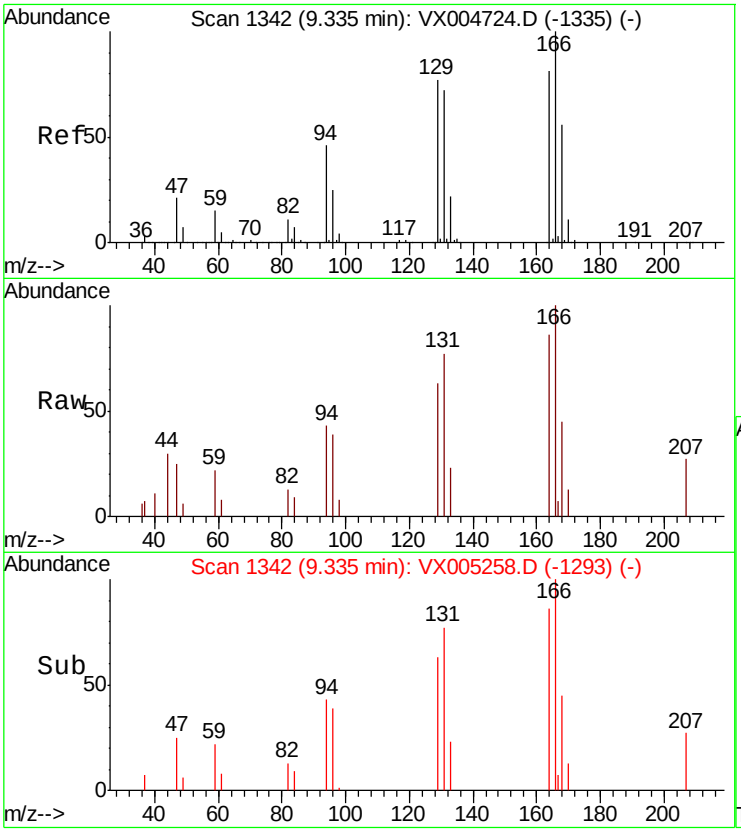


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion:117 Resp: 257394

Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.2	63.4
119	31.2	27.4	41.0



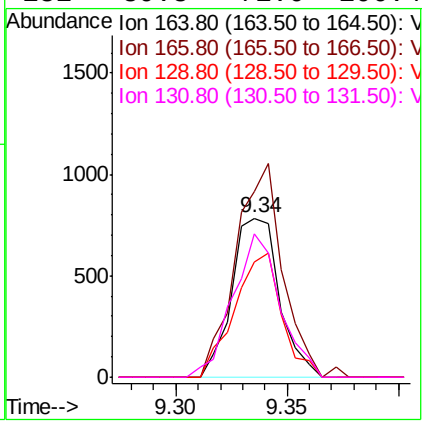


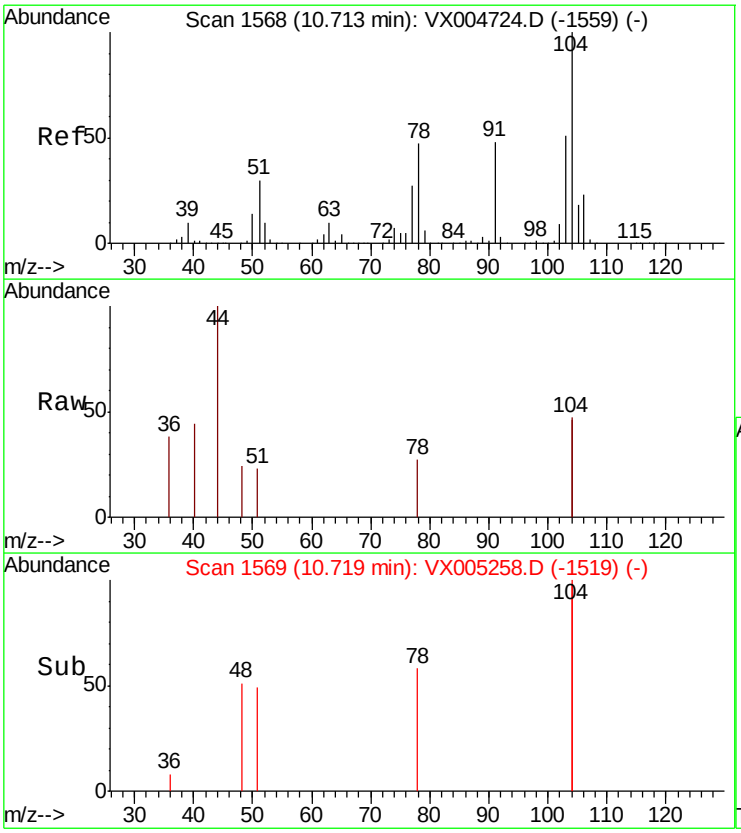
#64
Tetrachloroethene
Concen: 0.462 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion:164 Resp: 1171

Ion	Ratio	Lower	Upper
164	100		
166	116.3	98.4	147.6
129	72.7	76.1	114.1#
131	89.8	71.0	106.4

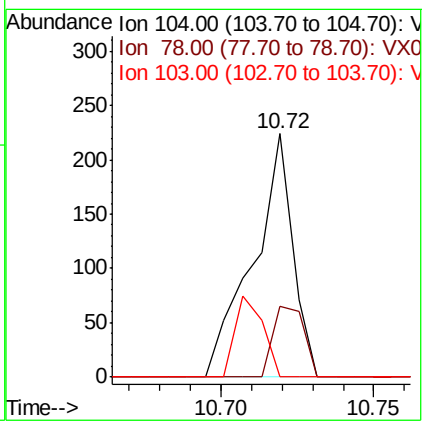


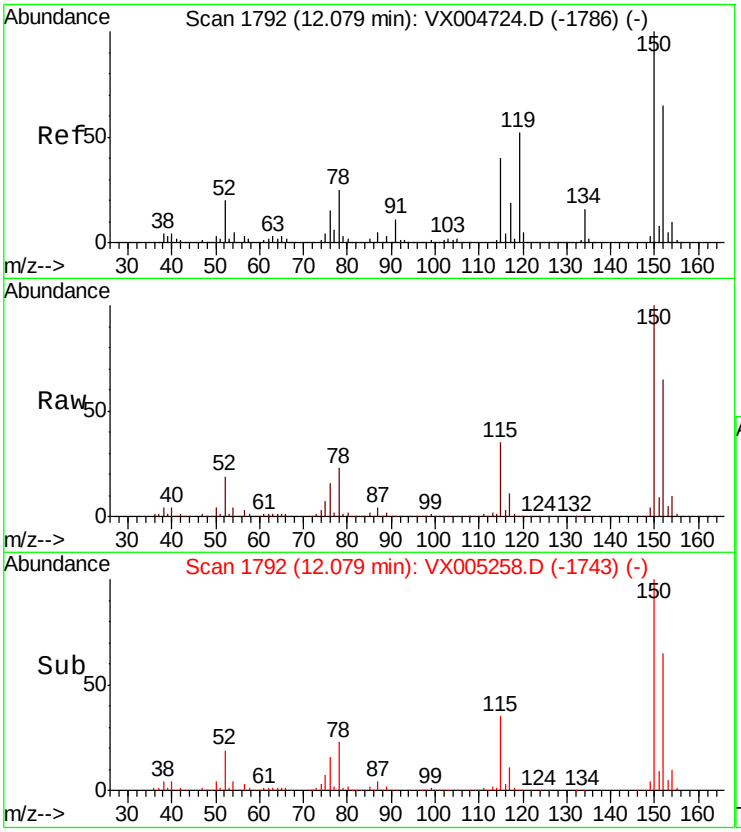


#70
Styrene
Concen: 2.168 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion:104 Resp: 202

Ion	Ratio	Lower	Upper
104	100		
78	22.8	40.0	60.0#
103	22.8	44.3	66.5#



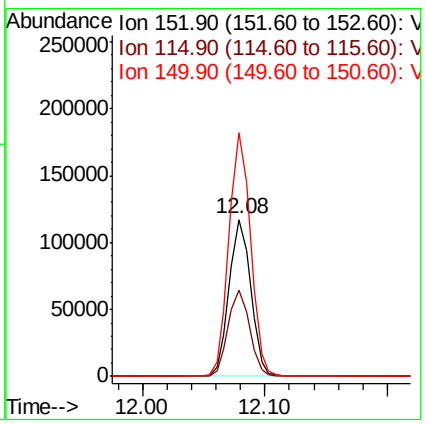


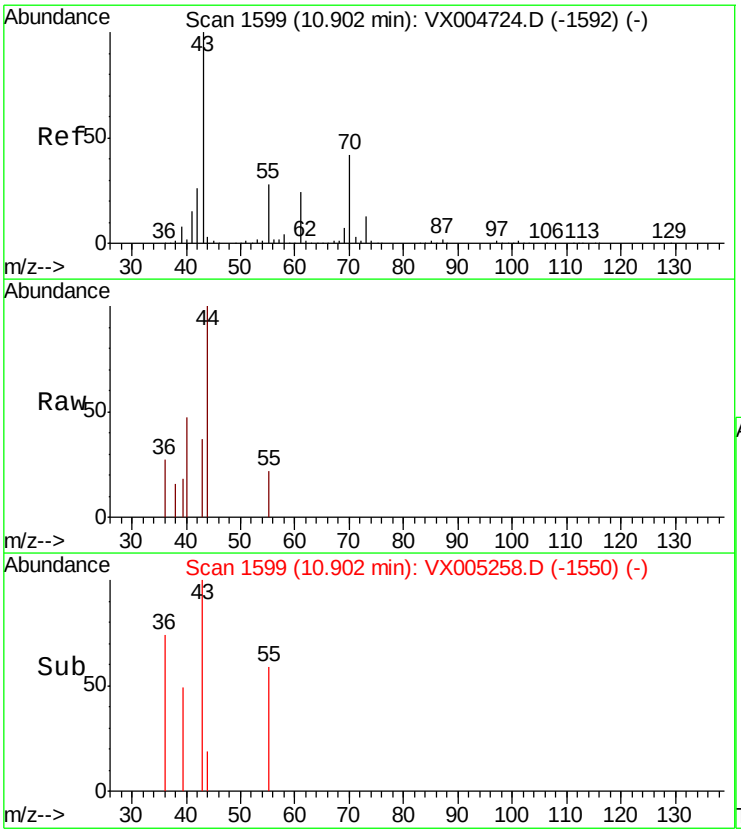
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion:152 Resp: 143035

Ion	Ratio	Lower	Upper
152	100		
115	54.9	40.2	120.6
150	155.1	0.0	351.0

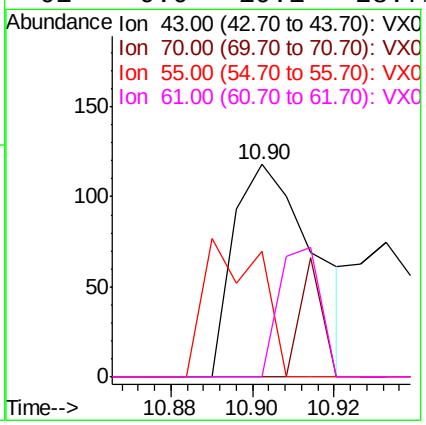


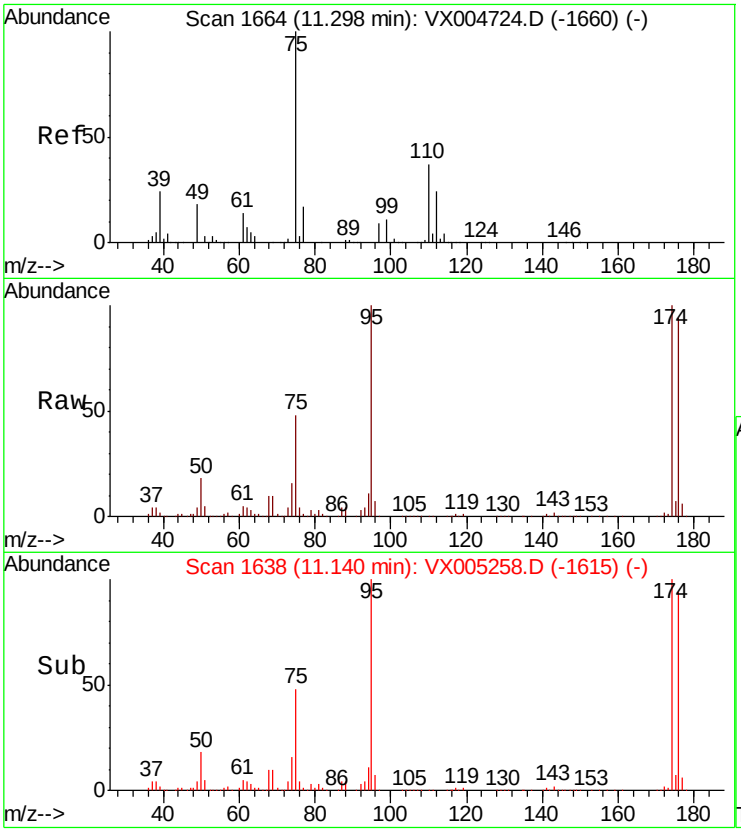


#74
N-amyl acetate
Concen: 1.779 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 43 Resp: 161

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	45.3	21.6	32.4#
61	0.0	19.1	28.7#



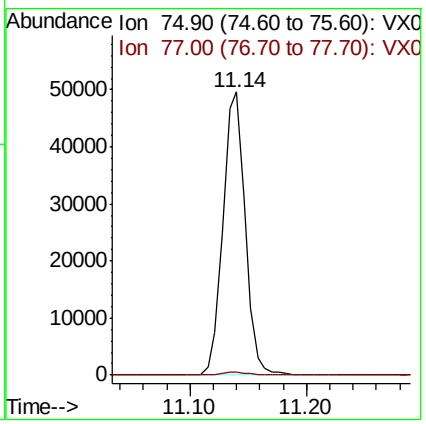


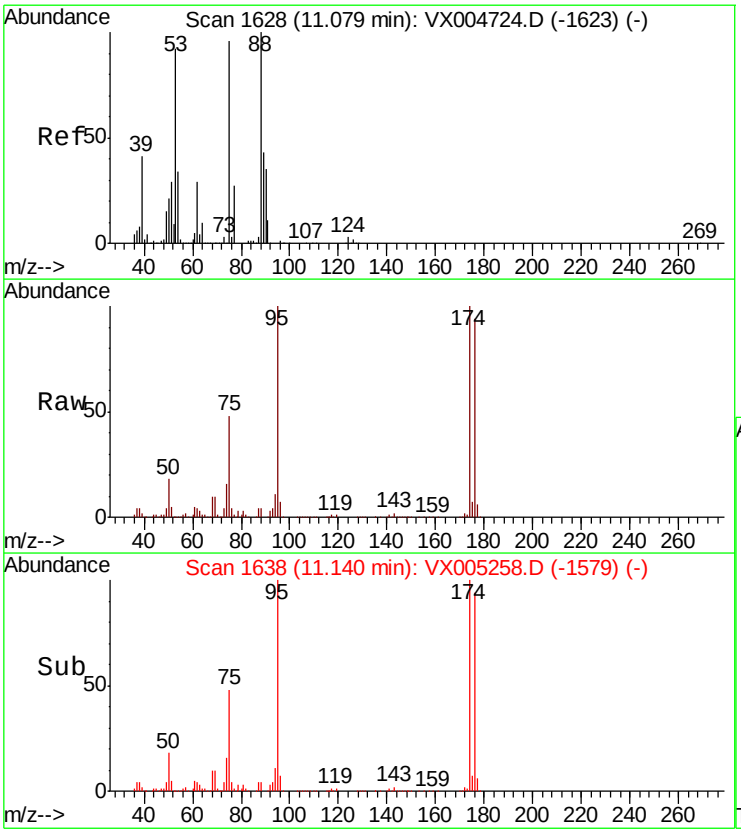
#76
1,2,3-Trichloropropane
Concen: 20.455 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion: 75 Resp: 65578

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#

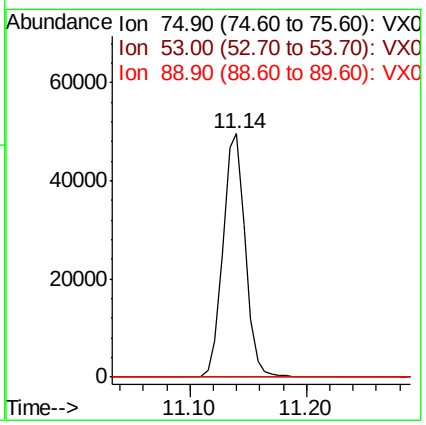


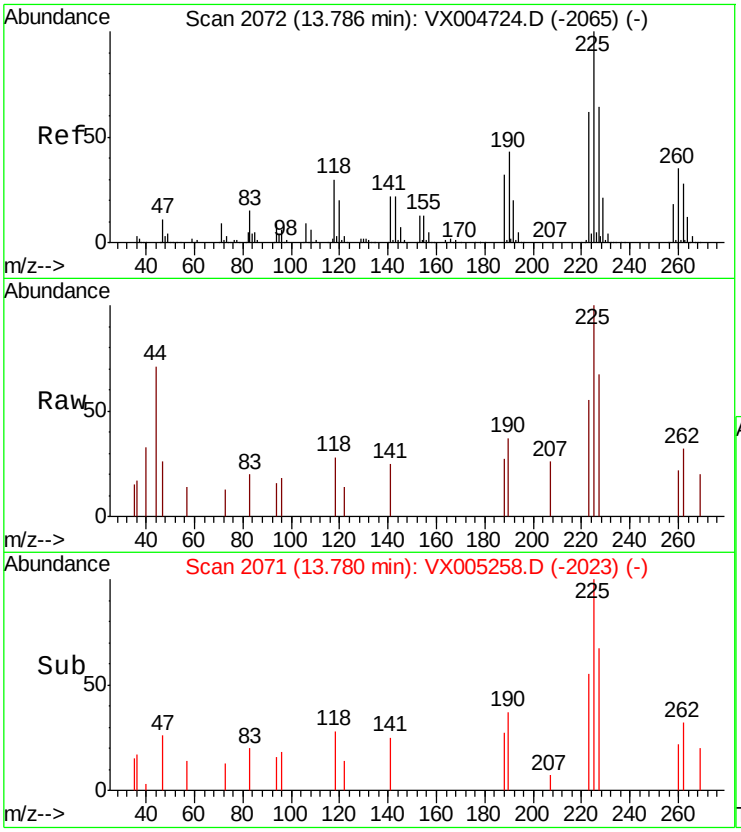


#81
trans-1,4-Dichloro-2-butene
Concen: 55.559 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion: 75 Resp: 65578

Ion	Ratio	Lower	Upper
75	100		
53	0.4	80.2	120.4#
89	0.0	37.1	55.7#



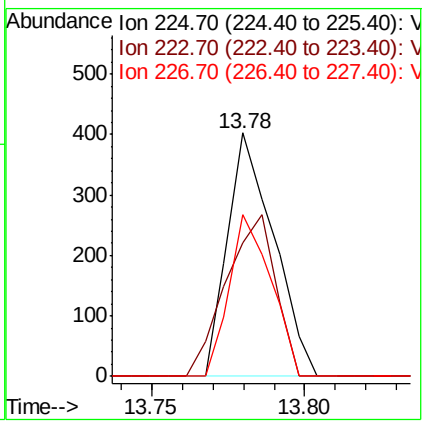


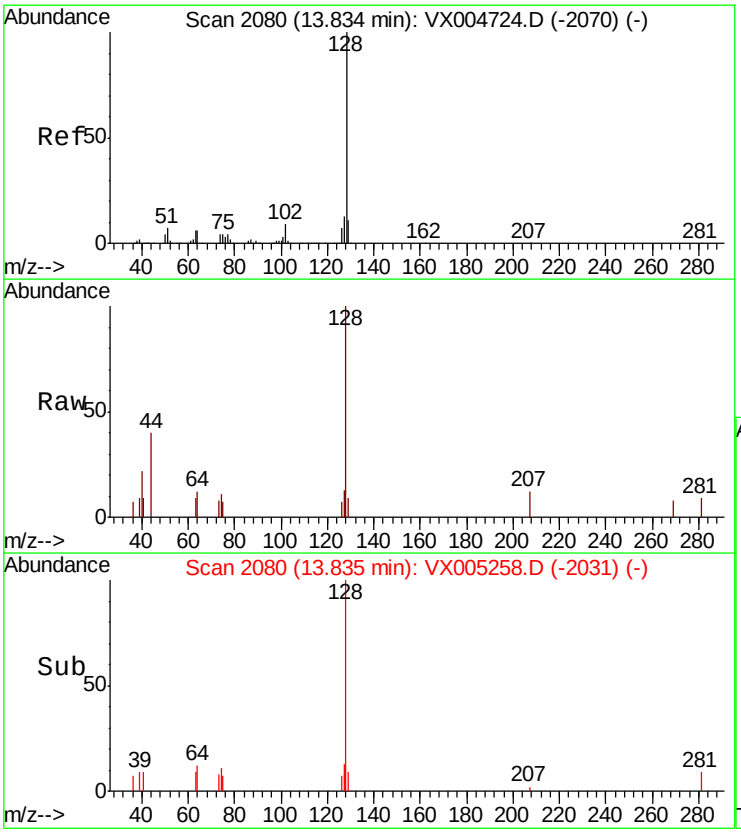
#94
Hexachlorobutadiene
Concen: 0.226 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-IMP-20181004

Tgt Ion:225 Resp: 421

Ion	Ratio	Lower	Upper
225	100		
223	71.3	31.3	93.8
227	59.9	31.9	95.5





#95
Naphthalene
Concen: 0.793 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005258.D
Acq: 11 Oct 2018 17:18

Tgt Ion:128 Resp: 890

Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.4	15.6#
129	15.7	8.7	13.1#