Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
Data File : VX006595.D
Acq On : 18 Dec 2018 13:56
Operator : JC/MD
Sample : VX1218WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1218WBL01

Quant Time: Dec 19 05:58:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	754720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1144400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1031788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	507813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	379649	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.34%			
35) Dibromofluoromethane	5.50	113	337626	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.30%			
50) Toluene-d8	8.71	98	1316992	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.54%			
62) 4-Bromofluorobenzene	11.13	95	491944	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.46%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1618	0.218	ug/l	95
5) Bromomethane	1.64	94	3448	Below Cal		100
10) Methyl Iodide	2.51	142	4656	0.457	ug/l #	89
13) Acrolein	2.30	56	723	0.590	ug/l #	72
15) Acrylonitrile	3.15	53	3779	0.938	ug/l #	93
16) Acetone	2.45	43	3878	1.038	ug/l #	68
17) Carbon Disulfide	2.57	76	10318	0.578	ug/l	97
18) Methyl Acetate	2.78	43	2336	0.213	ug/l	98
20) Methylene Chloride	2.84	84	2201	0.285	ug/l #	46
21) trans-1,2-Dichloroethene	3.17	96	2243	0.300	ug/l #	89
28) Bromochloromethane	5.02	49	1092	Below Cal		99
29) Tetrahydrofuran	5.16	42	1683	0.486	ug/l #	76
31) Cyclohexane	5.67	56	10639	0.945	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	47228	4.983	ug/l #	48
38) Carbon Tetrachloride	5.66	117	67768	7.357	ug/l #	16
44) Trichloroethene	7.21	130	2071	0.237	ug/l	94
49) 1,4-Dioxane	7.76	88	652	Below Cal #		44
58) 2-Chloroethyl Vinyl ether	8.31	63	1765	0.308	ug/l	95
60) Dibromochloromethane	9.59	129	490	2.383	ug/l	74
71) Bromoform	10.85	173	292	4.503	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	225621	25.350	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	225621	70.831	ug/l #	15
90) Hexachloroethane	12.60	117	189	3.330	ug/l	55
92) 1,2-Dibromo-3-Chloropropan	13.00	75	578	0.270	ug/l #	31
93) 1,2,4-Trichlorobenzene	13.65	180	3418	0.293	ug/l	97
95) Naphthalene	13.84	128	9352	0.251	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	2980	0.247	ug/l	83

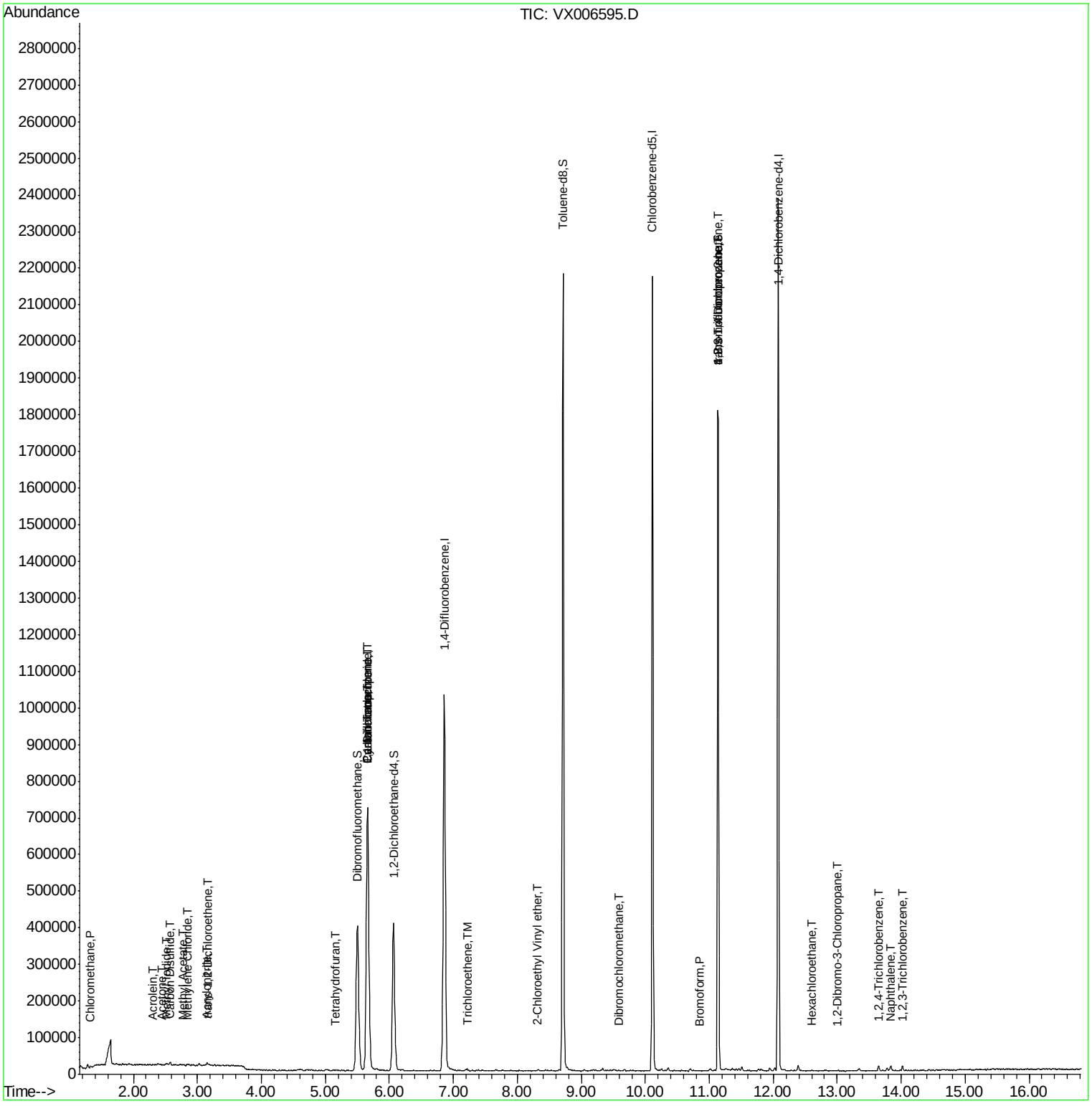
(#) = qualifier out of range (m) = manual integration (+) = signals summed

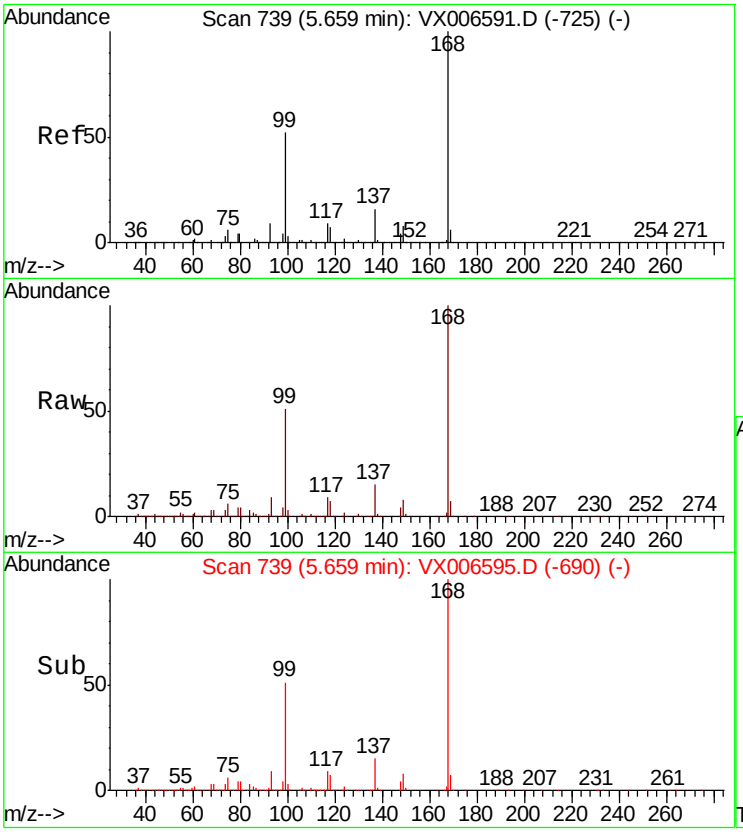
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
Data File : VX006595.D
Acq On : 18 Dec 2018 13:56
Operator : JC/MD
Sample : VX1218WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Quant Time: Dec 19 05:58:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:23:17 2018
Response via : Initial Calibration



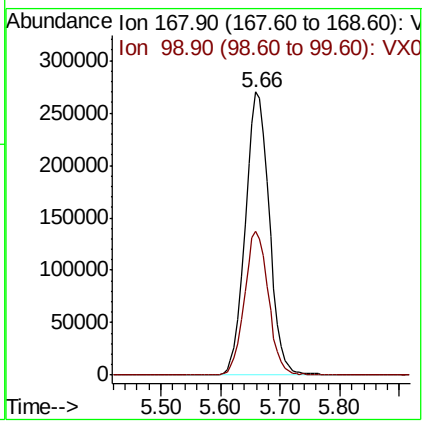


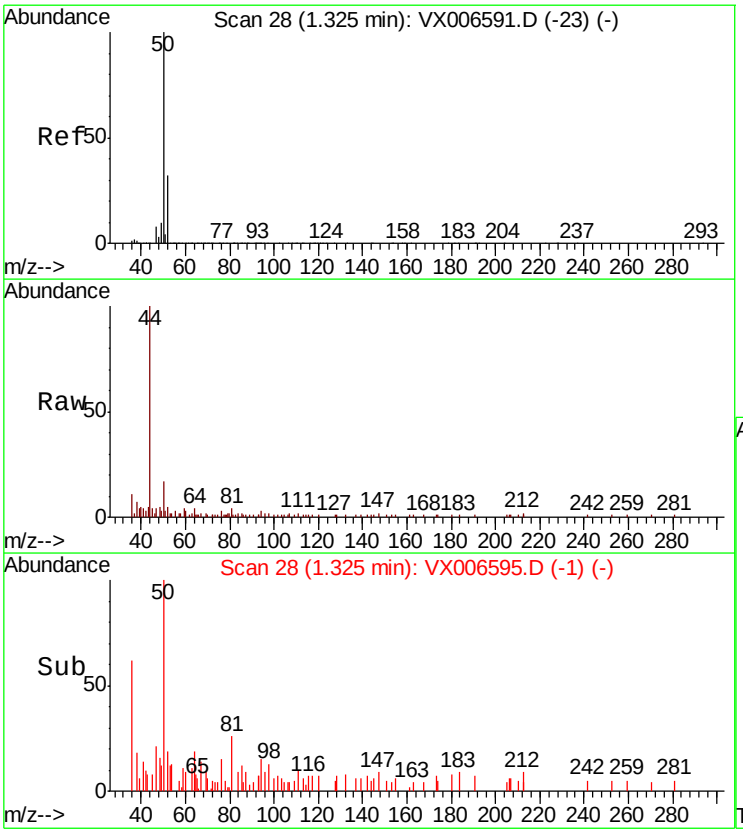
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion:168 Resp: 754720

Ion	Ratio	Lower	Upper
168	100		
99	50.8	37.8	56.8

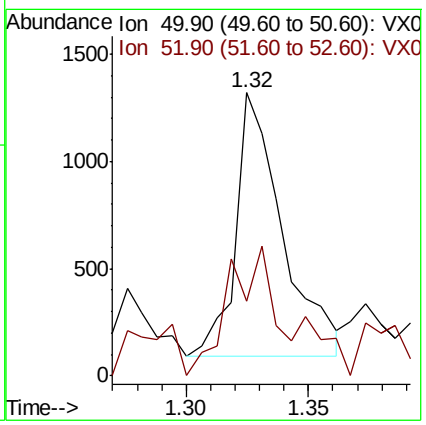


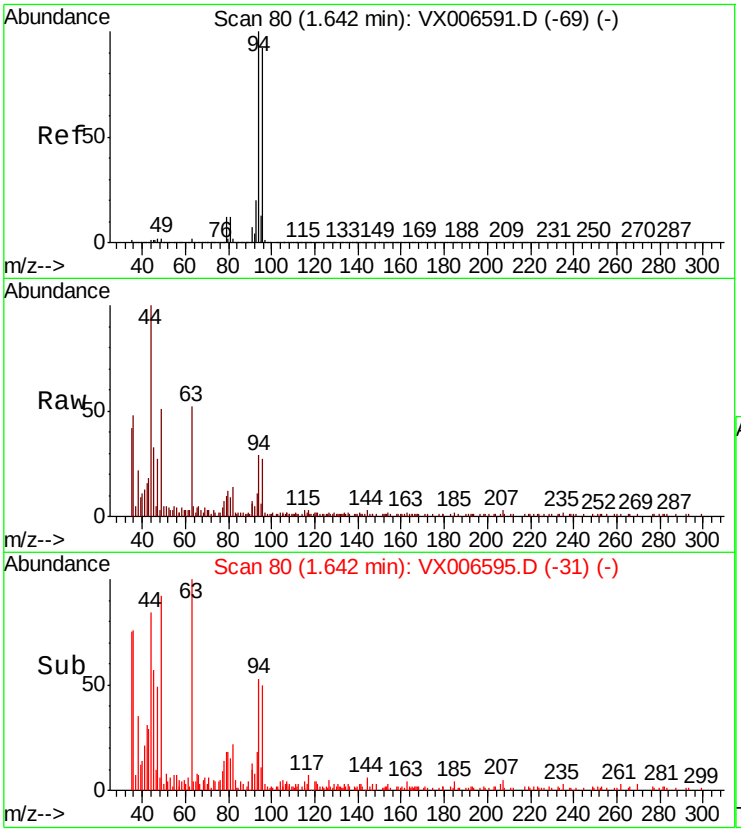


#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion: 50 Resp: 1618

Ion	Ratio	Lower	Upper
50	100		
52	28.5	25.2	37.8



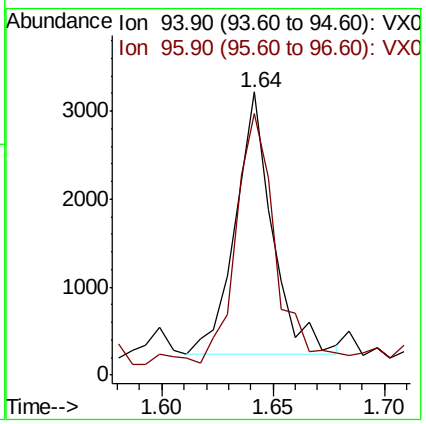


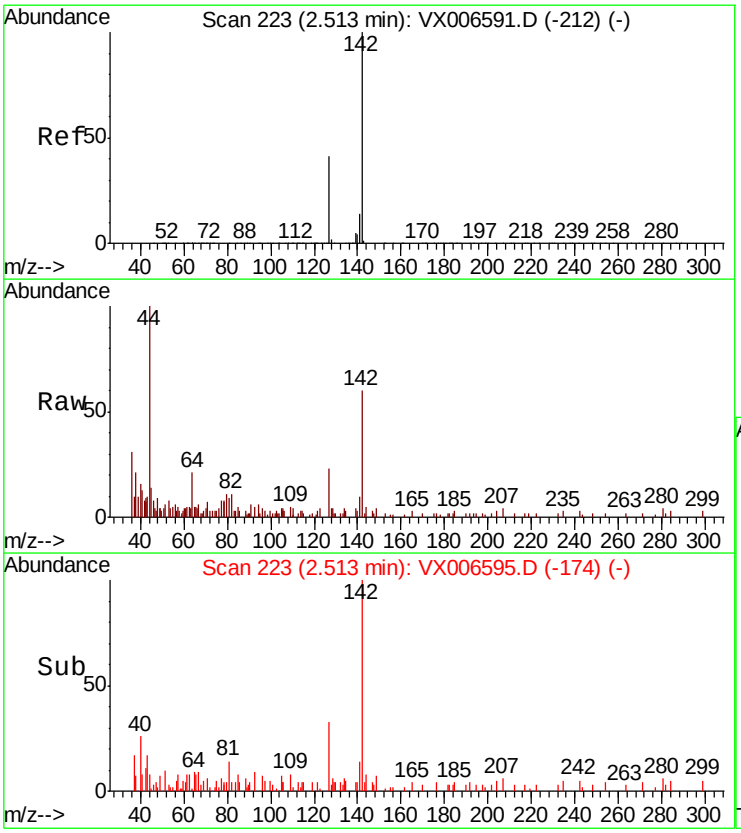
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion: 94 Resp: 3448

Ion	Ratio	Lower	Upper
94	100		
96	93.4	74.5	111.7

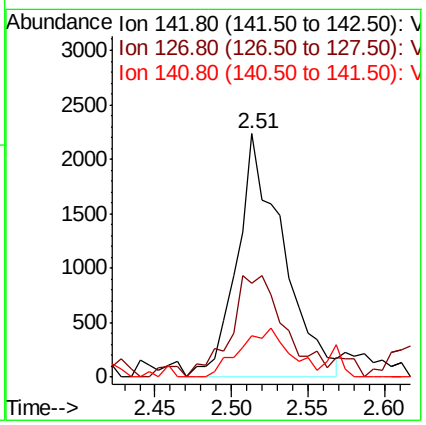


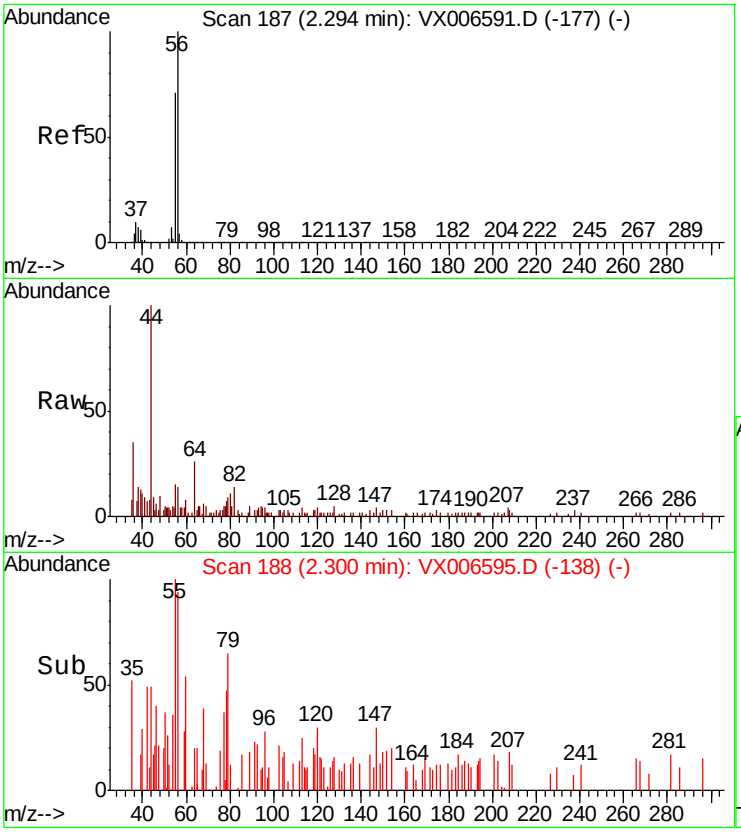


#10
Methyl Iodide
Concen: 0.457 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion:142 Resp: 4656

Ion	Ratio	Lower	Upper
142	100		
127	49.0	34.8	52.2
141	22.0	11.4	17.2#



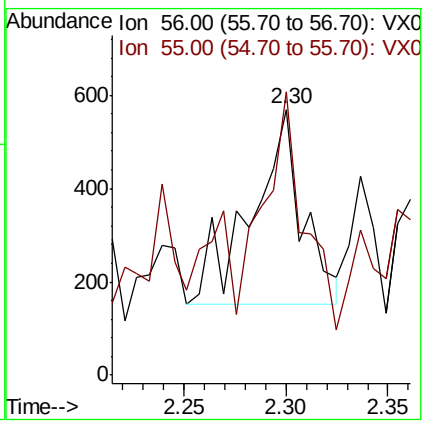


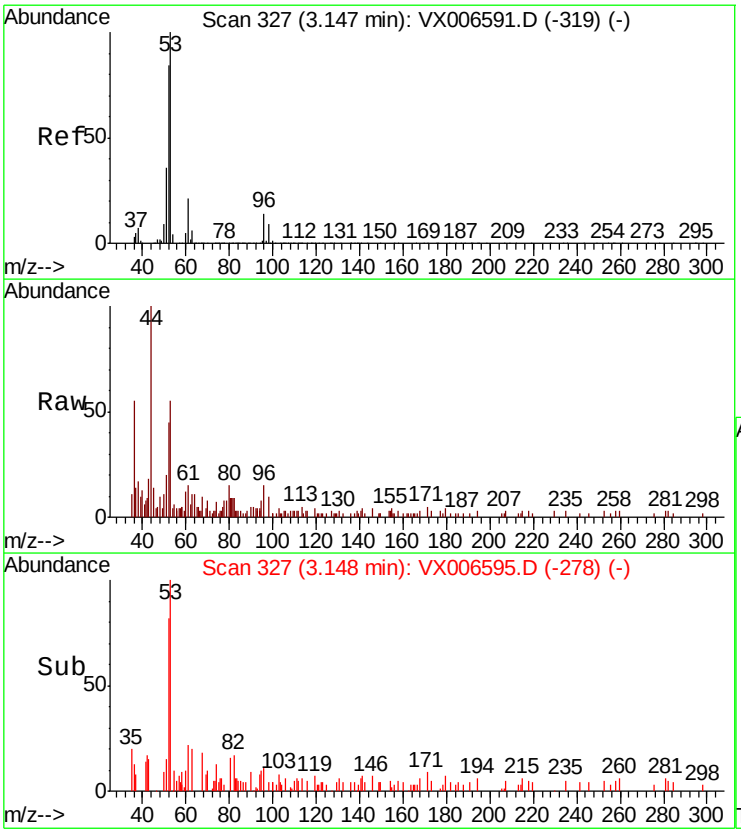
#13
Acrolein
Concen: 0.590 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument : MSVOA_X
ClientSampleId : VX1218WBL01

Tgt Ion: 56 Resp: 723

Ion	Ratio	Lower	Upper
56	100		
55	95.7	57.8	86.6#

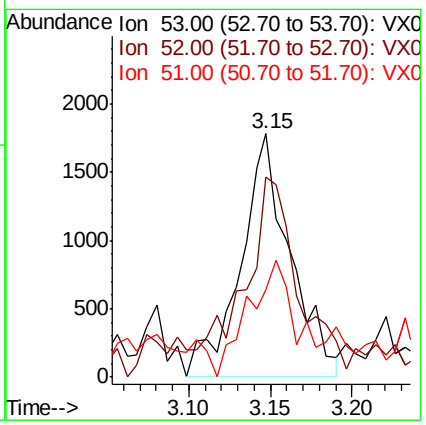


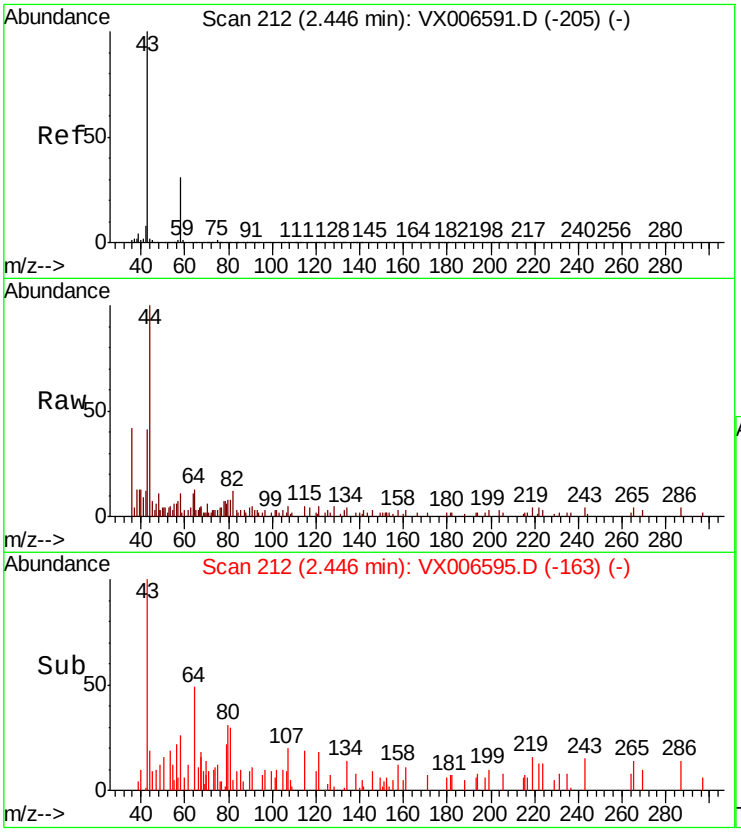


#15
Acrylonitrile
Concen: 0.938 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion: 53 Resp: 3779

Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.2	99.4
51	47.2	28.7	43.1#



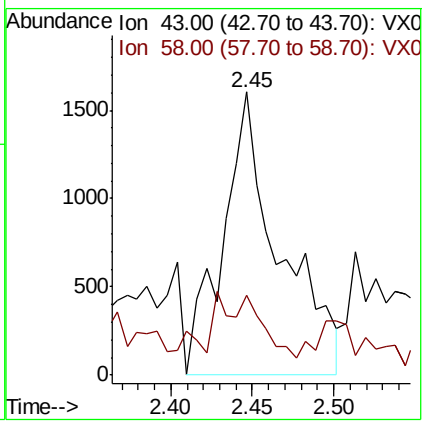


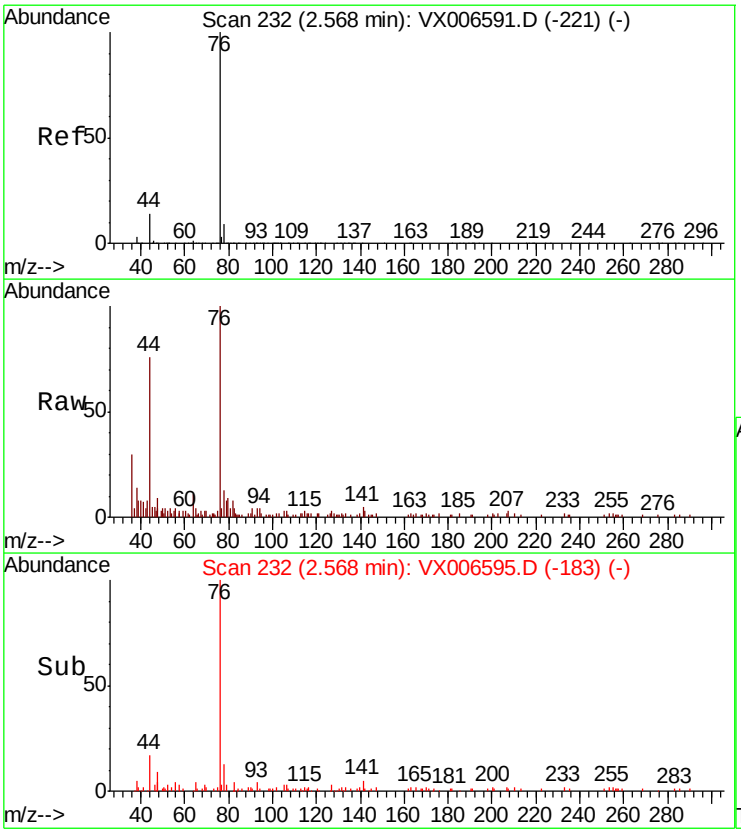
#16
Acetone
Concen: 1.038 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion: 43 Resp: 3878

Ion	Ratio	Lower	Upper
43	100		
58	12.8	24.0	36.0#

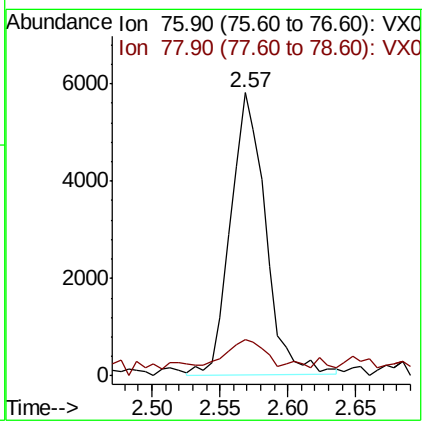


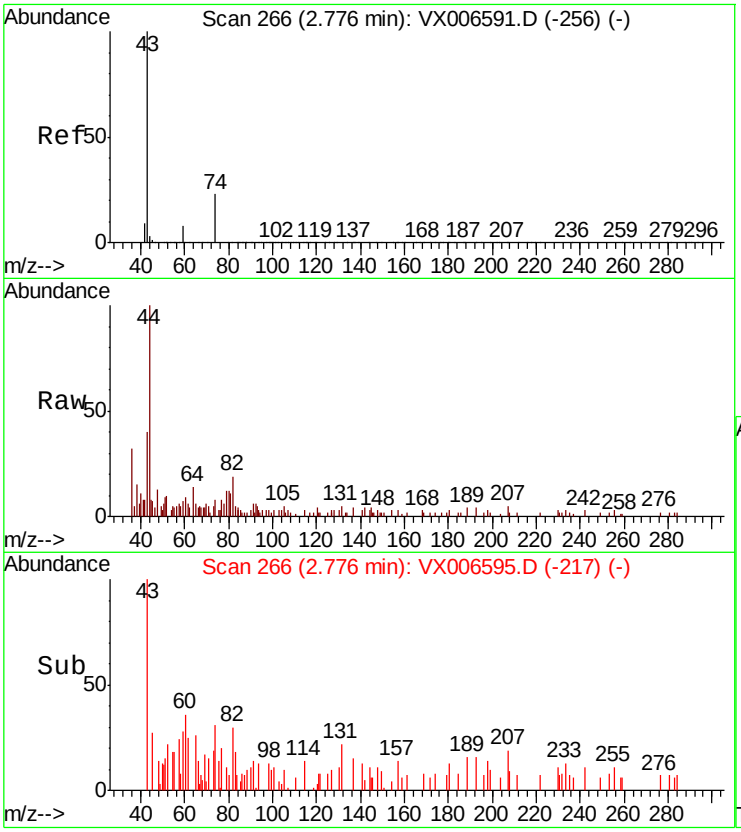


#17
Carbon Disulfide
Concen: 0.578 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion: 76 Resp: 10318

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.1	10.7



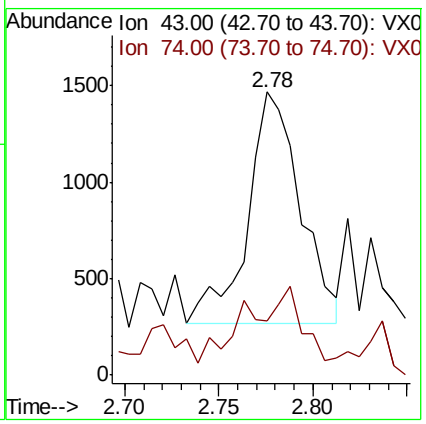


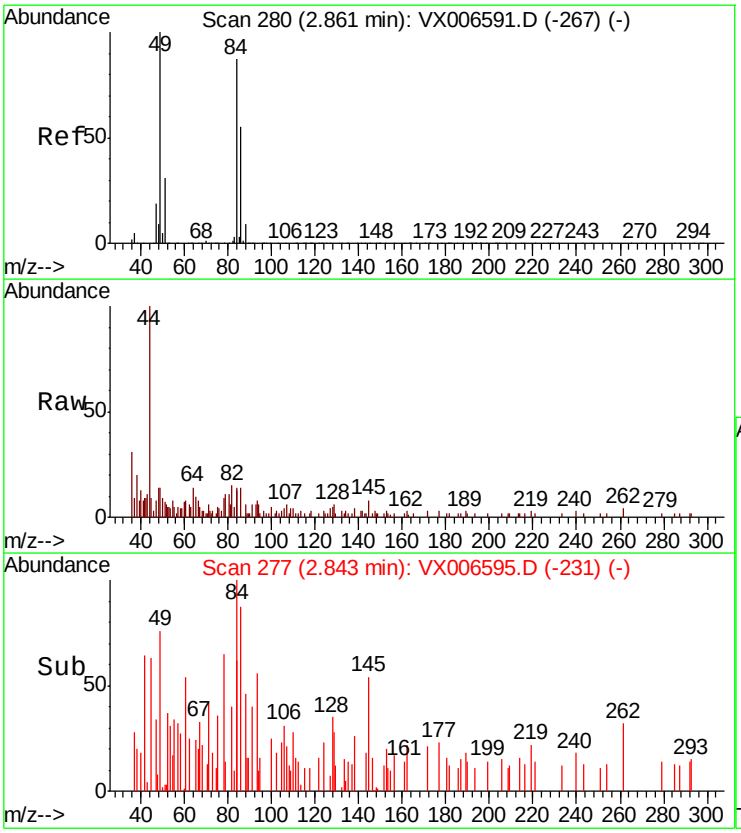
#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion: 43 Resp: 2336

Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.9	26.9

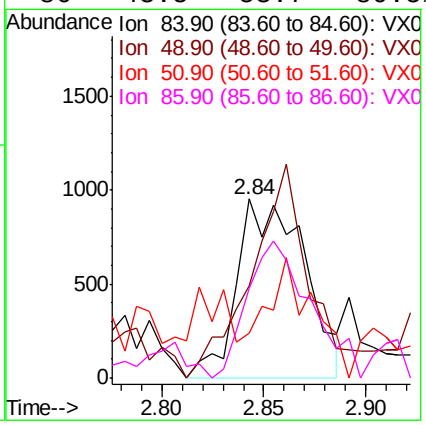


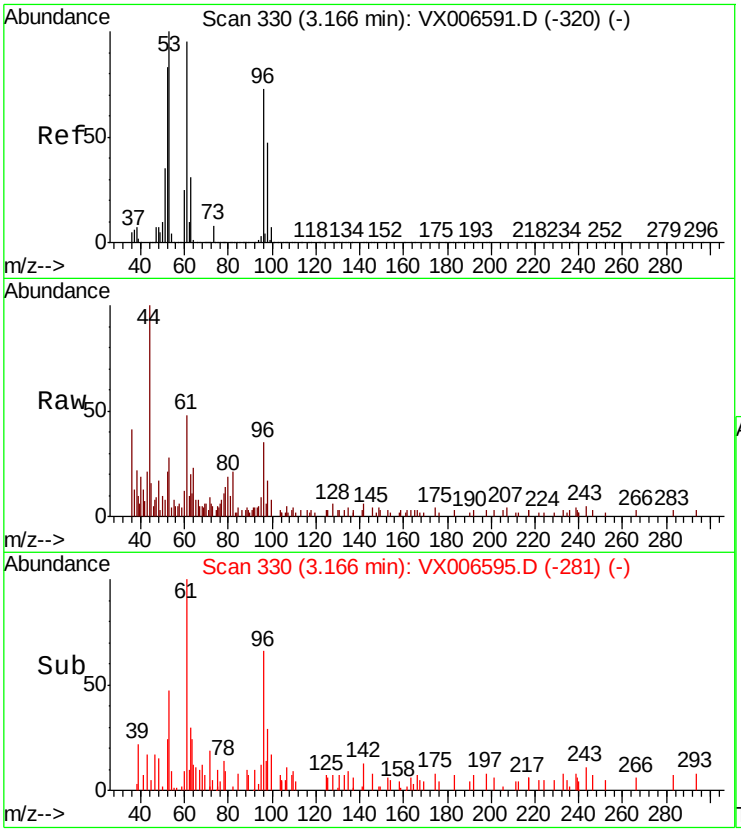


#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion: 84 Resp: 2201

Ion	Ratio	Lower	Upper
84	100		
49	51.3	102.2	153.4#
51	4.4	31.1	46.7#
86	43.5	53.7	80.5#



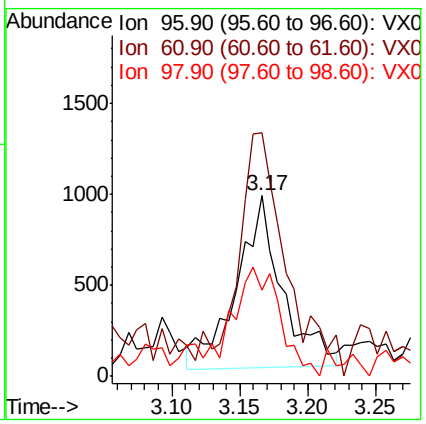


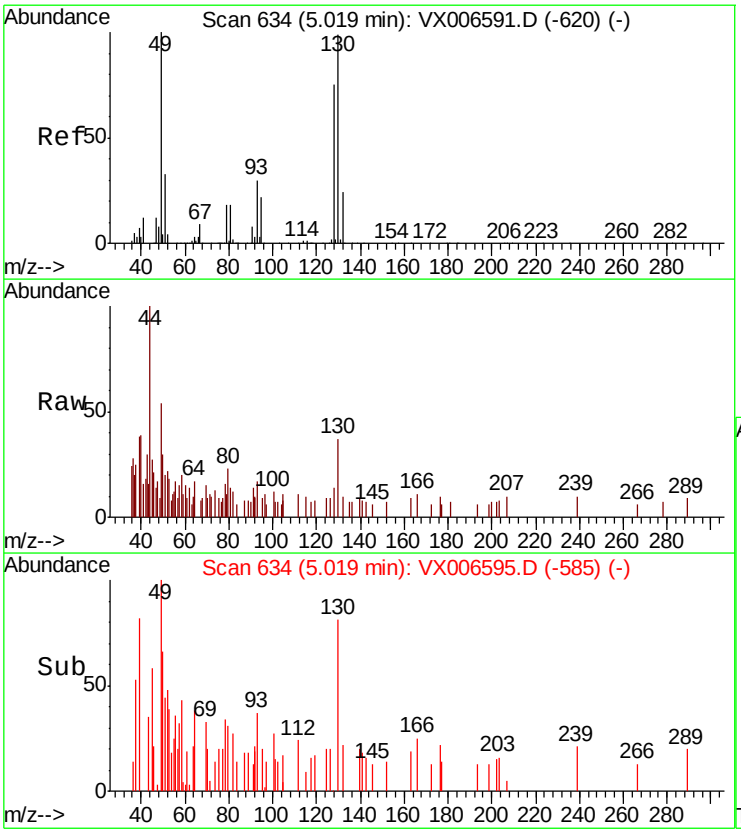
#21
trans-1,2-Dichloroethene
Concen: 0.300 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion: 96 Resp: 2243

Ion	Ratio	Lower	Upper
96	100		
61	134.9	113.3	169.9
98	48.0	53.2	79.8#

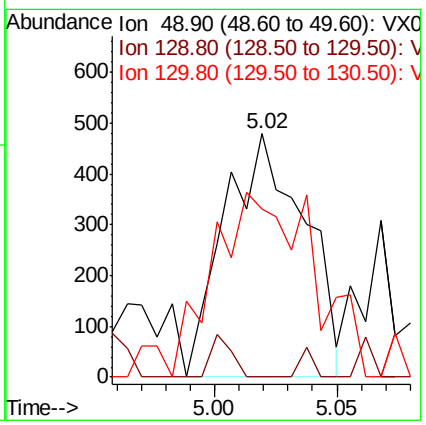


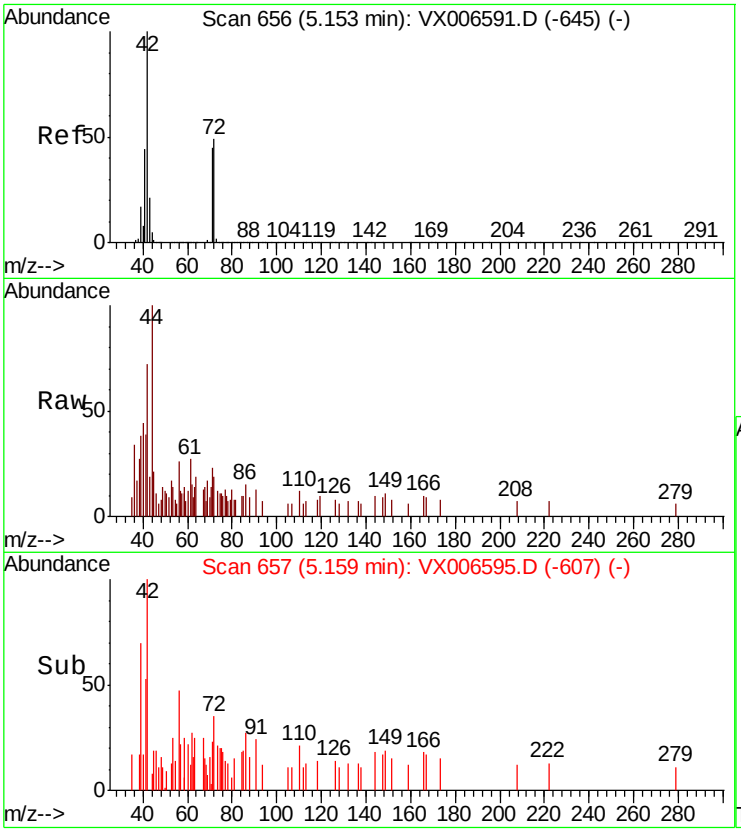


#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion: 49 Resp: 1092

Ion	Ratio	Lower	Upper
49	100		
129	4.5	0.0	5.0
130	98.9	78.3	117.5



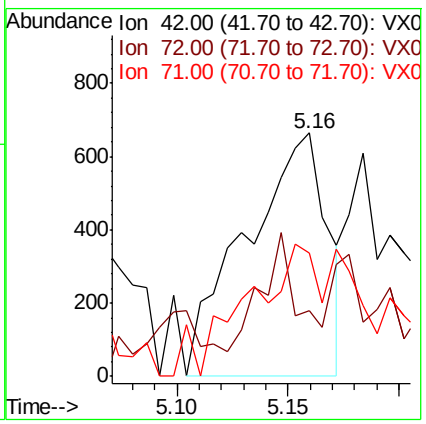


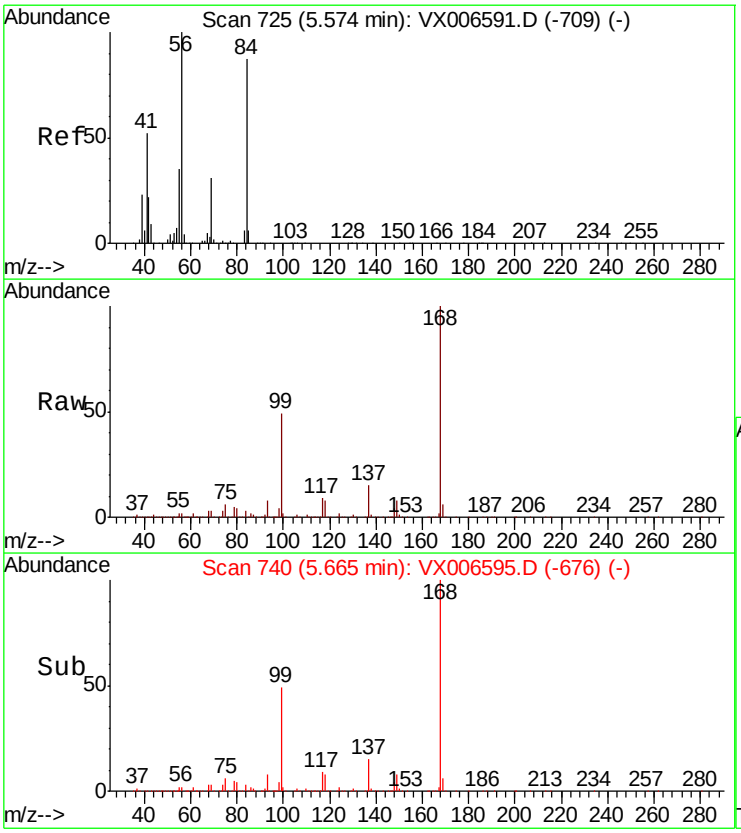
#29
Tetrahydrofuran
Concen: 0.486 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion: 42 Resp: 1683

Ion	Ratio	Lower	Upper
42	100		
72	21.3	37.8	56.8#
71	48.7	35.2	52.8

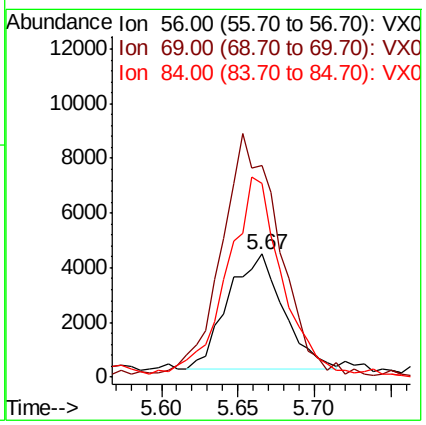


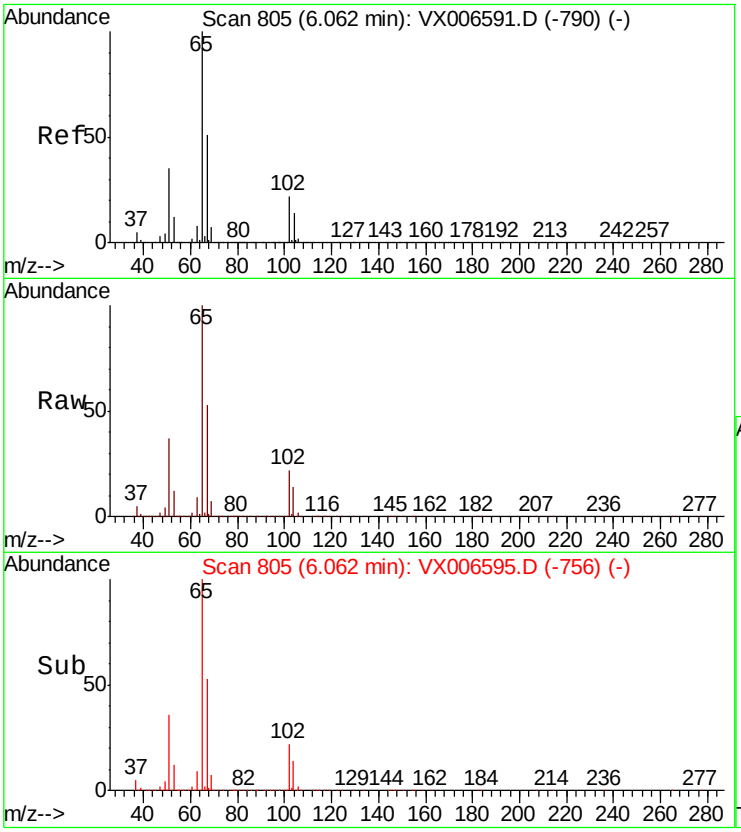


#31
Cyclohexane
Concen: 0.945 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion: 56 Resp: 10639

Ion	Ratio	Lower	Upper
56	100		
69	171.4	24.5	36.7#
84	161.9	71.8	107.6#



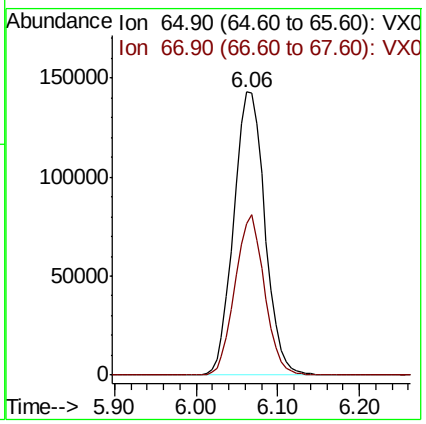


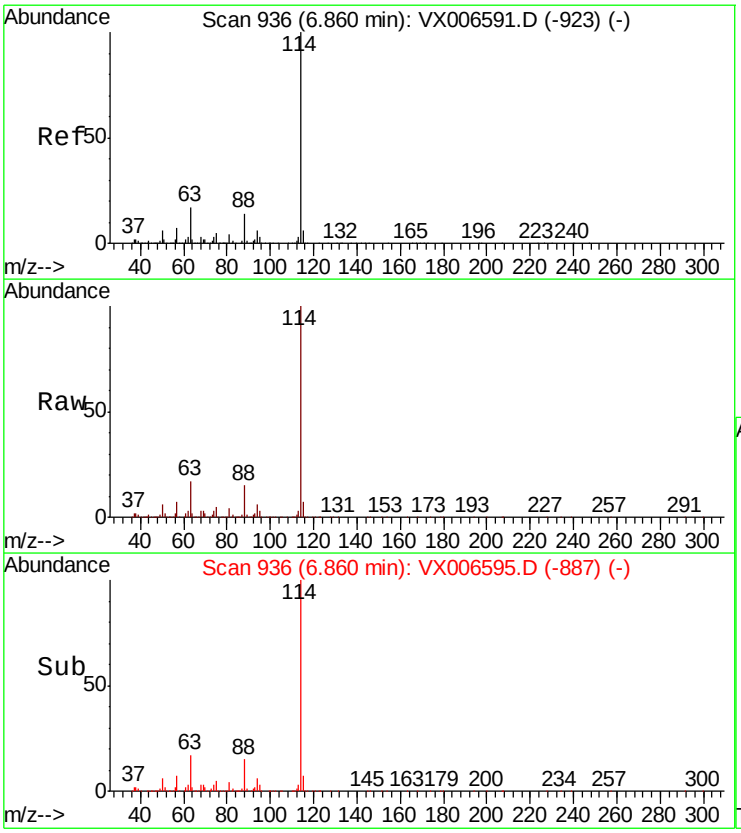
#33
1,2-Dichloroethane-d4
Concen: 46.674 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion: 65 Resp: 379649

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.2

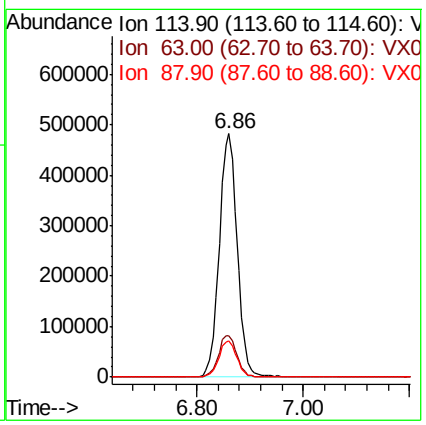


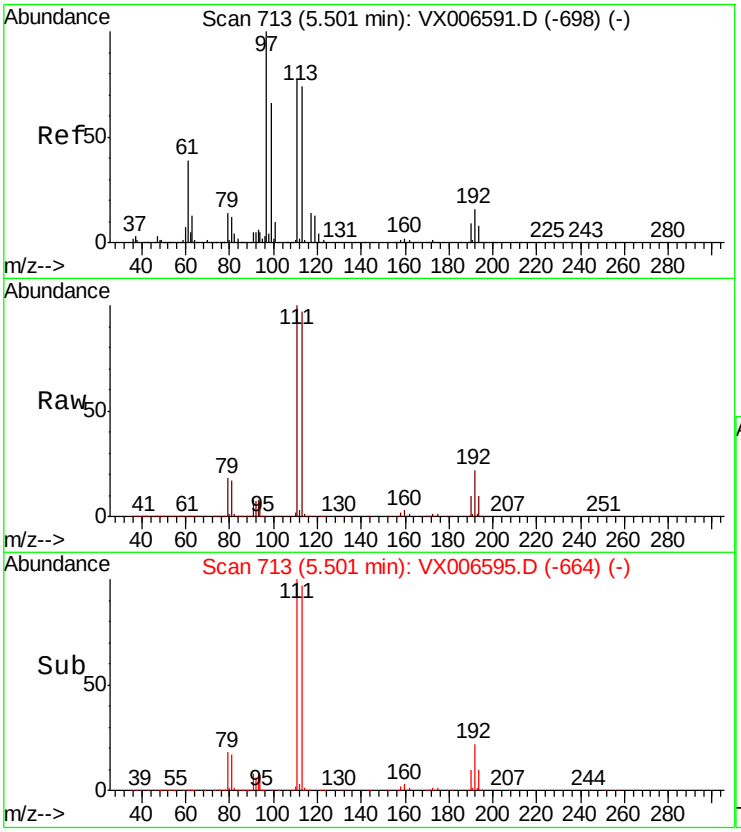


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion:114 Resp: 1144400

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	36.6
88	14.9	0.0	29.0



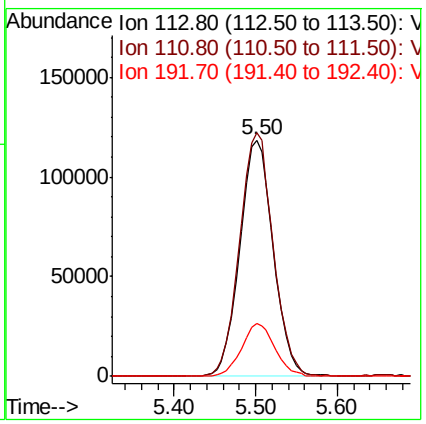


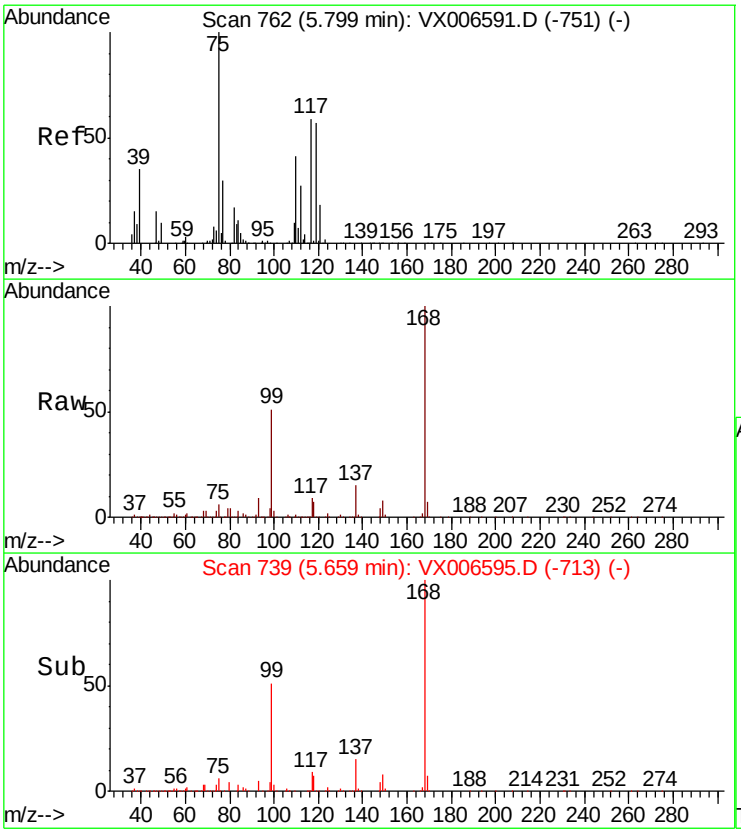
#35
Dibromofluoromethane
Concen: 46.653 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion:113 Resp: 337626

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.1	121.7
192	22.3	18.2	27.2

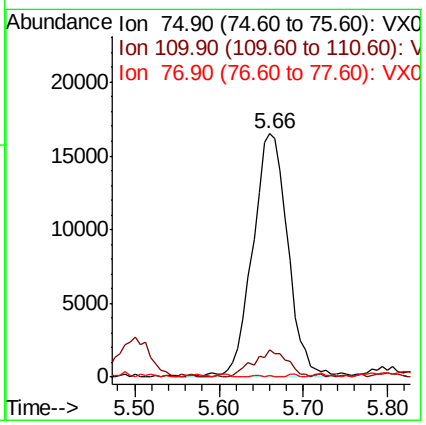


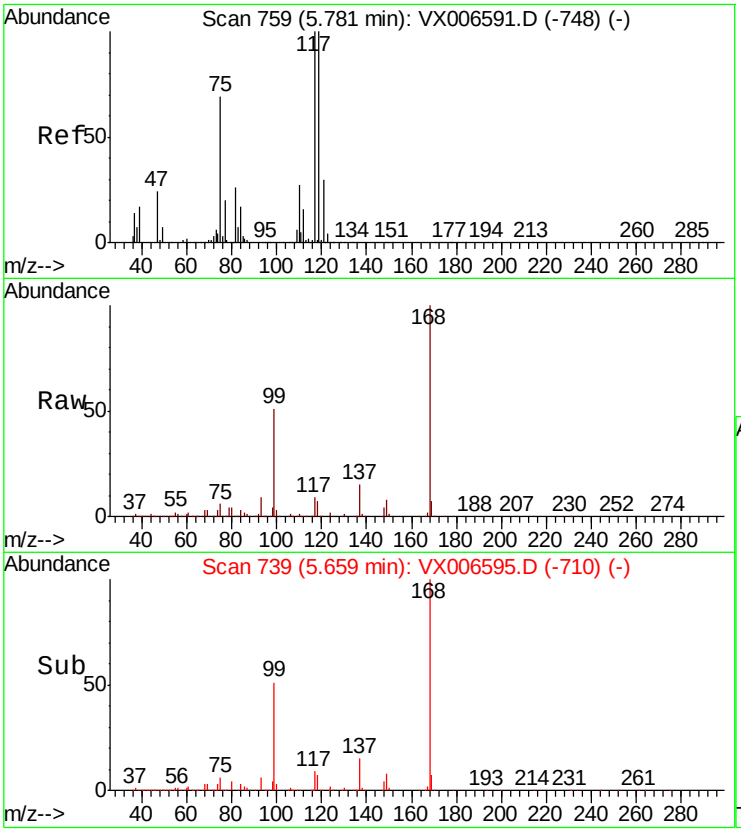


#36
1,1-Dichloropropene
Concen: 4.983 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion: 75 Resp: 47228

Ion	Ratio	Lower	Upper
75	100		
110	10.8	20.4	61.3#
77	0.3	24.9	37.3#



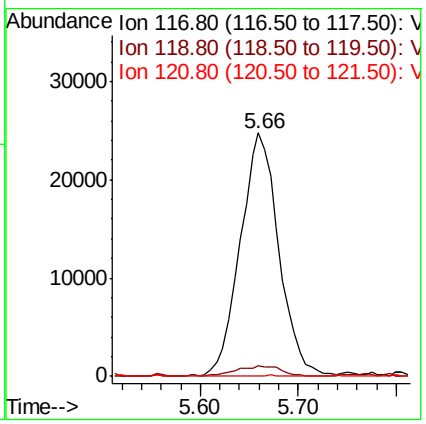


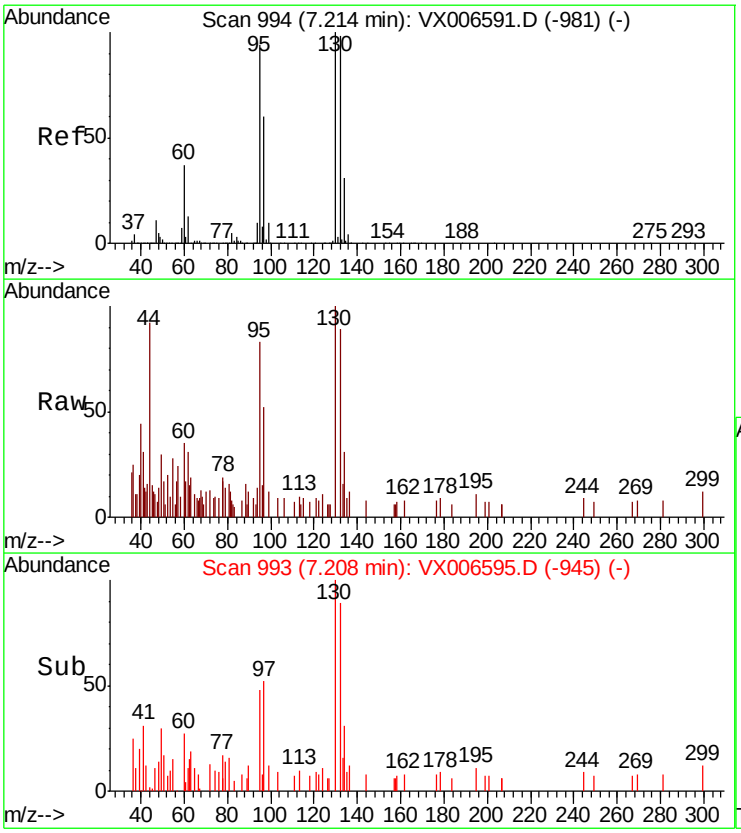
#38
Carbon Tetrachloride
Concen: 7.357 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument : MSVOA_X
ClientSampleId : VX1218WBL01

Tgt Ion:117 Resp: 67768

Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.8	113.8#
121	0.0	24.6	37.0#

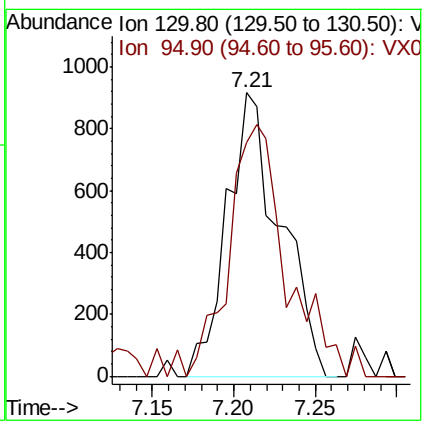


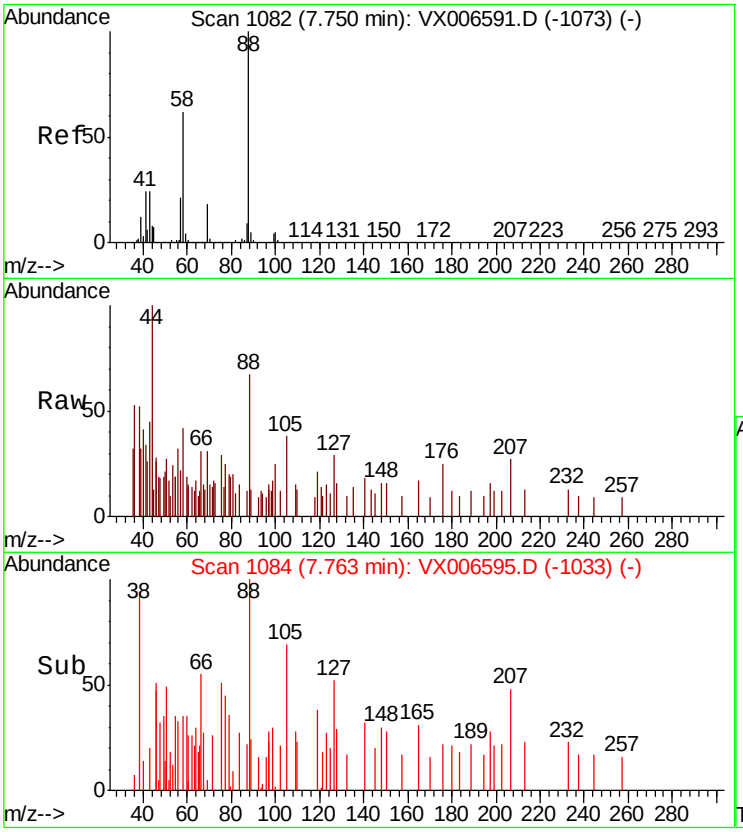


#44
Trichloroethene
Concen: 0.237 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion:130 Resp: 2071

Ion	Ratio	Lower	Upper
130	100		
95	82.5	0.0	175.8



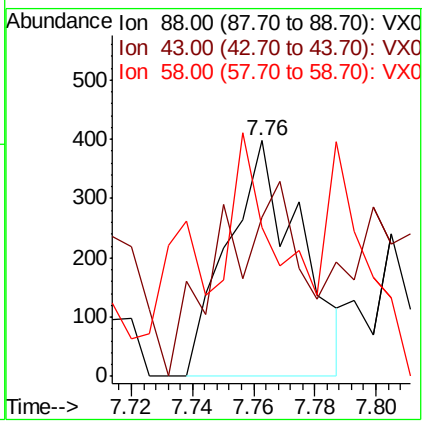


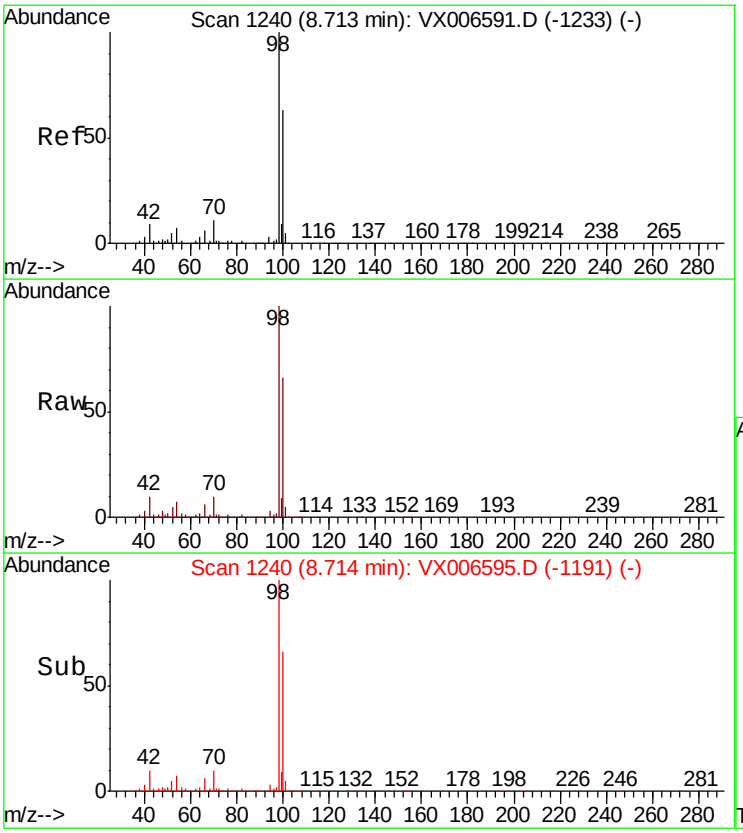
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion: 88 Resp: 652

Ion	Ratio	Lower	Upper
88	100		
43	91.4	23.2	34.8#
58	41.4	51.4	77.0#

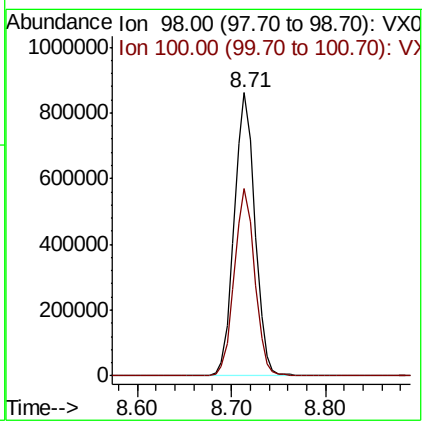


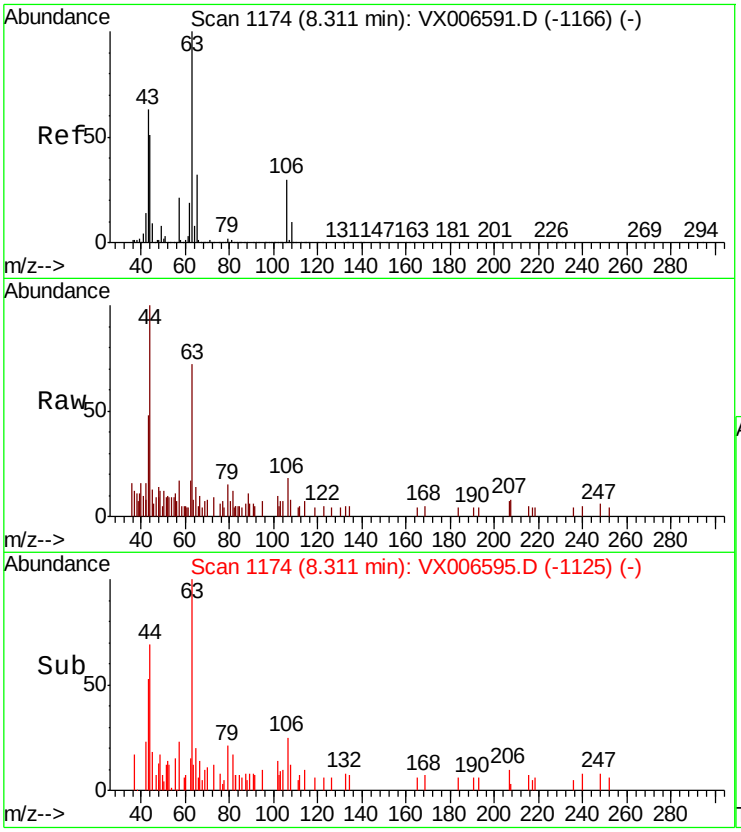


#50
Toluene-d8
Concen: 48.270 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion: 98 Resp: 1316992

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2



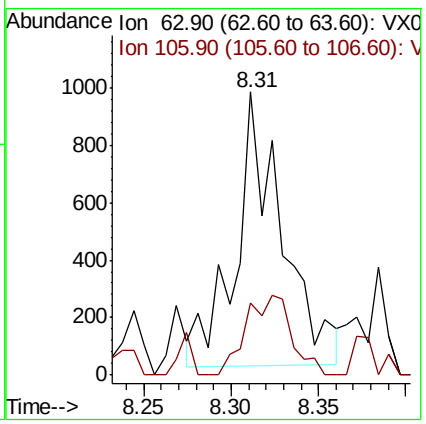


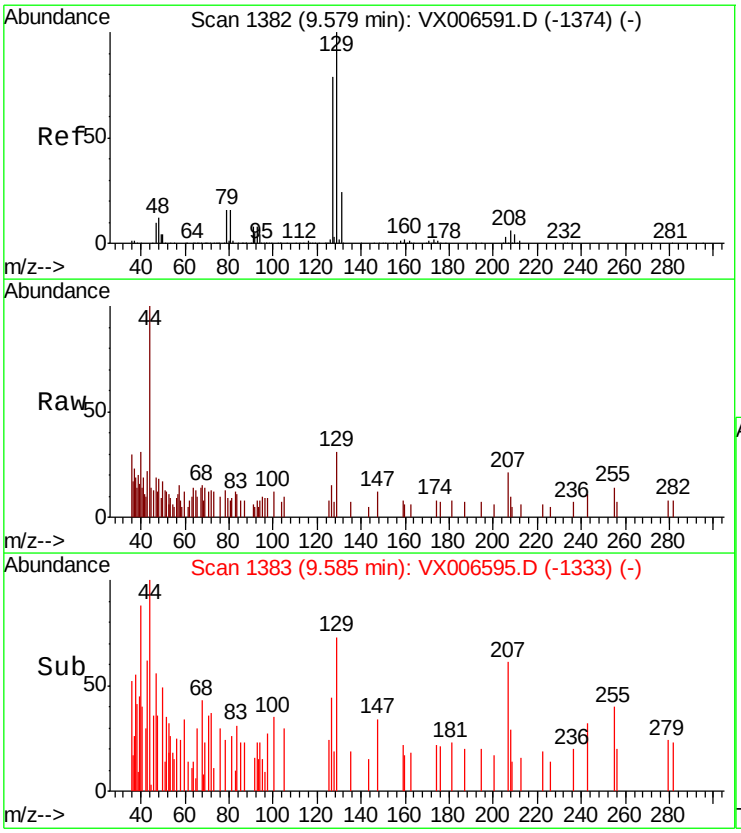
#58
2-Chloroethyl Vinyl ether
Concen: 0.308 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion: 63 Resp: 1765

Ion	Ratio	Lower	Upper
63	100		
106	28.4	24.9	37.3

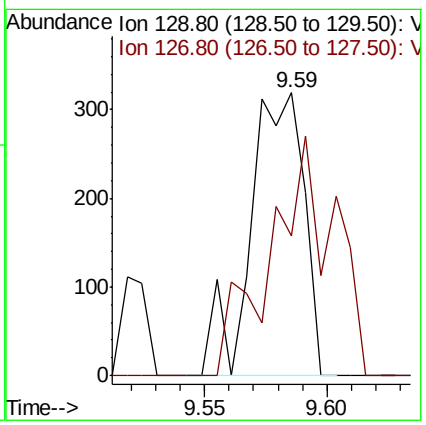


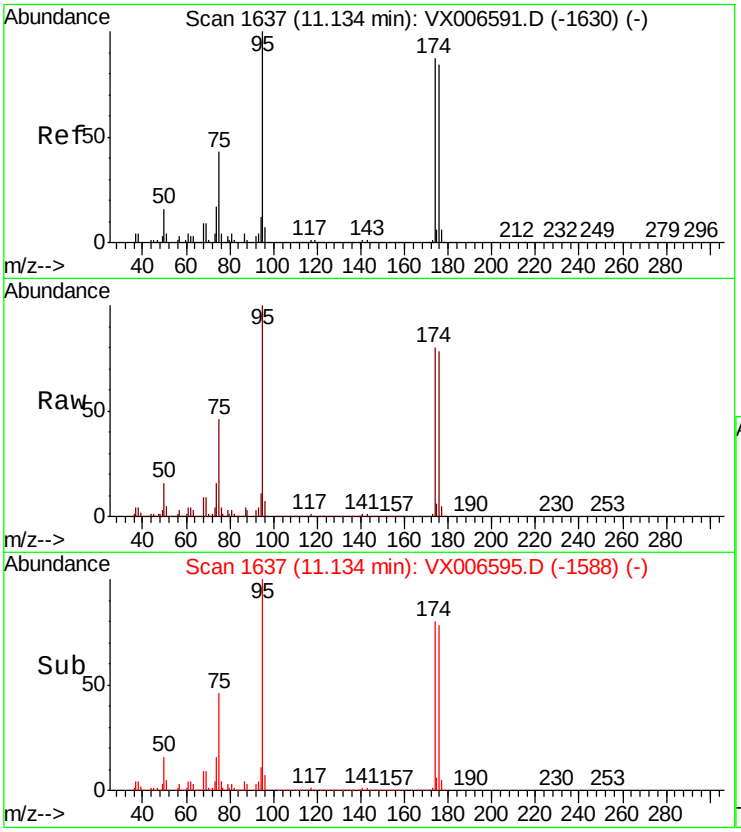


#60
Dibromochloromethane
Concen: 2.383 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion:129 Resp: 490

Ion	Ratio	Lower	Upper
129	100		
127	99.6	38.6	115.8



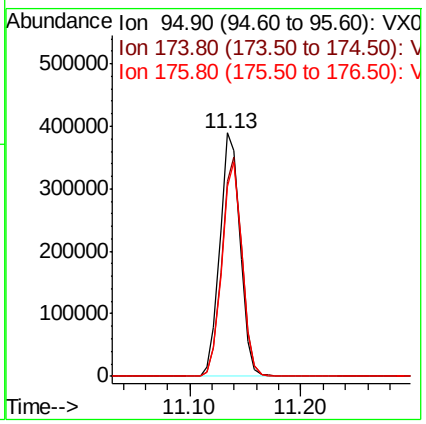


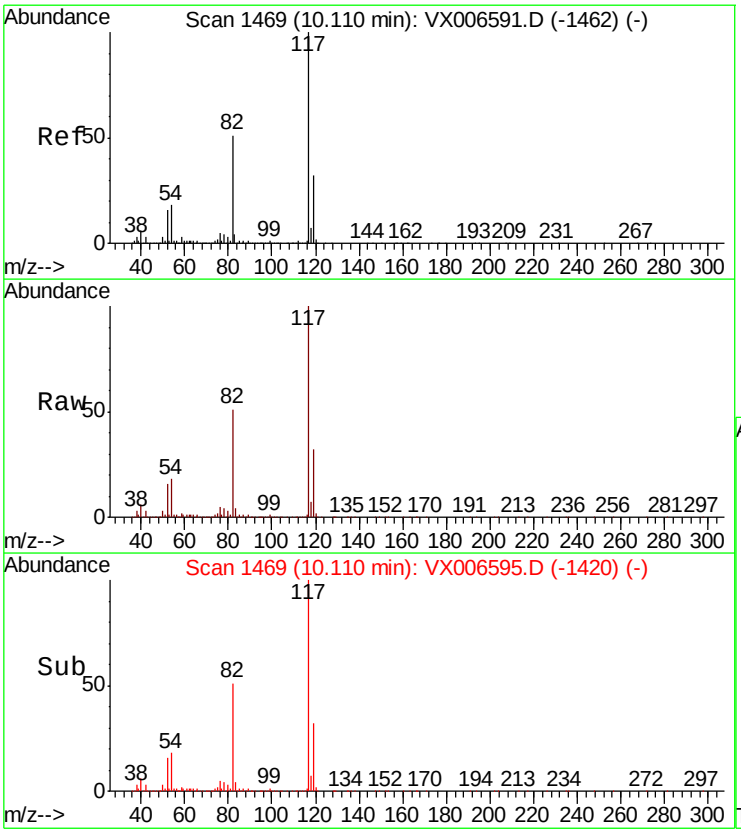
#62
4-Bromofluorobenzene
Concen: 49.232 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument : MSVOA_X
ClientSampleId : VX1218WBL01

Tgt Ion: 95 Resp: 491944

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	187.0
176	86.6	0.0	181.8

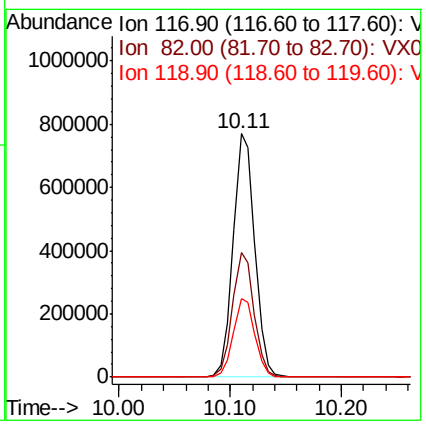


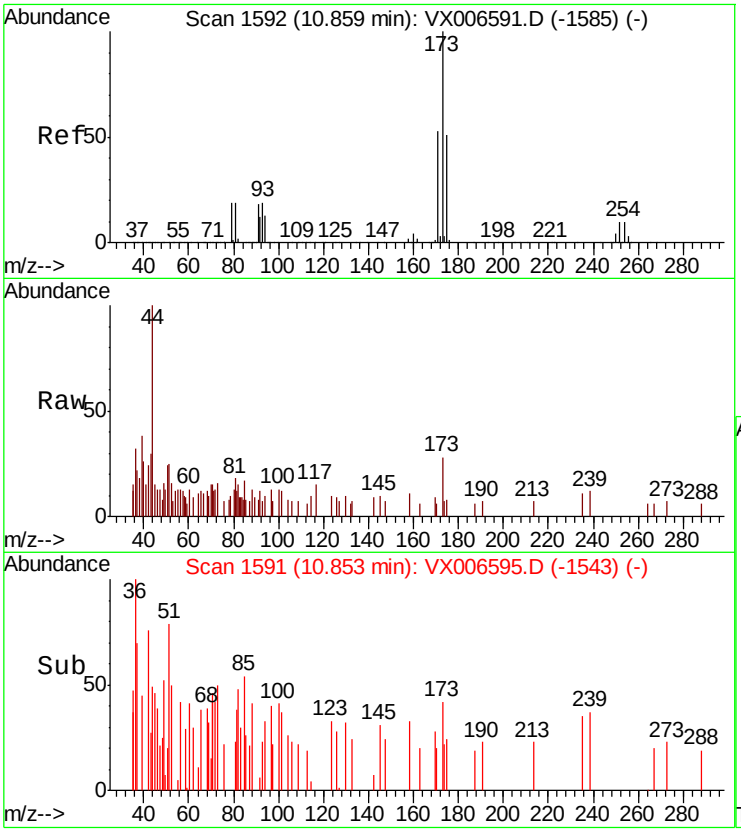


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion:117 Resp: 1031788

Ion	Ratio	Lower	Upper
117	100		
82	51.1	39.6	59.4
119	32.0	26.3	39.5



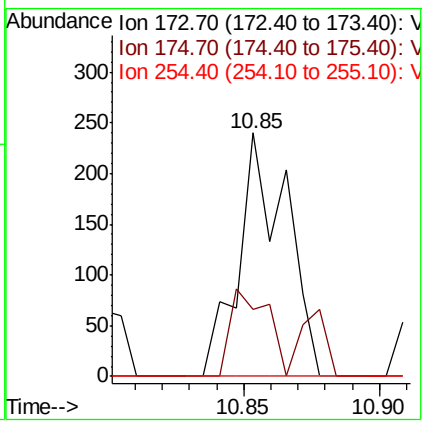


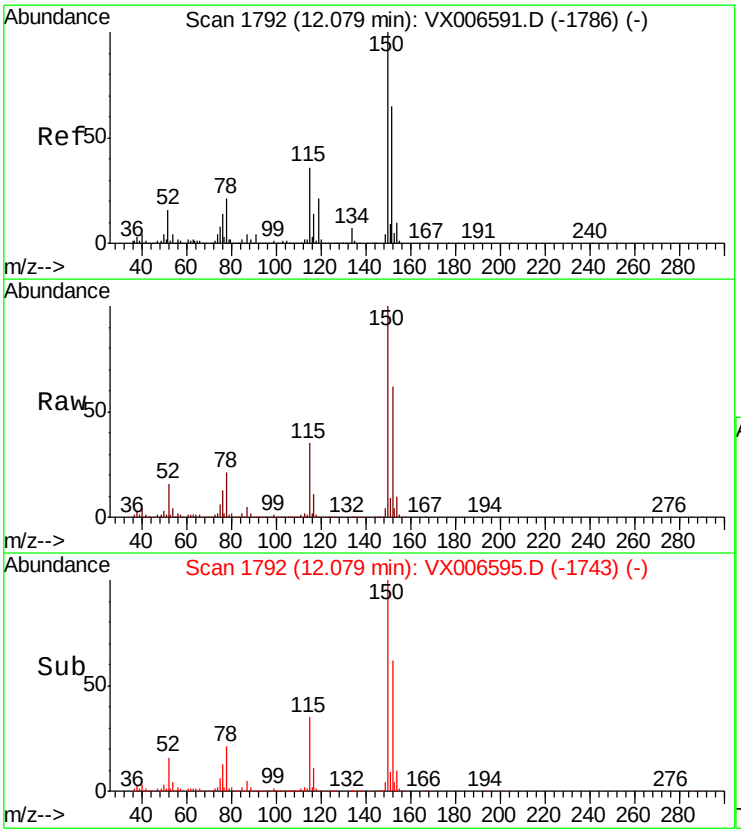
#71
Bromoform
Concen: 4.503 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument : MSVOA_X
ClientSampleId : VX1218WBL01

Tgt Ion:173 Resp: 292

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	73.8#
254	0.0	0.2	0.2#

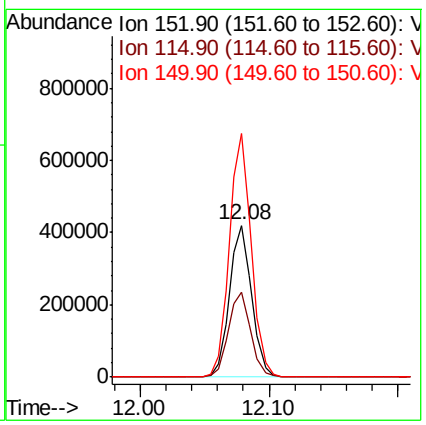


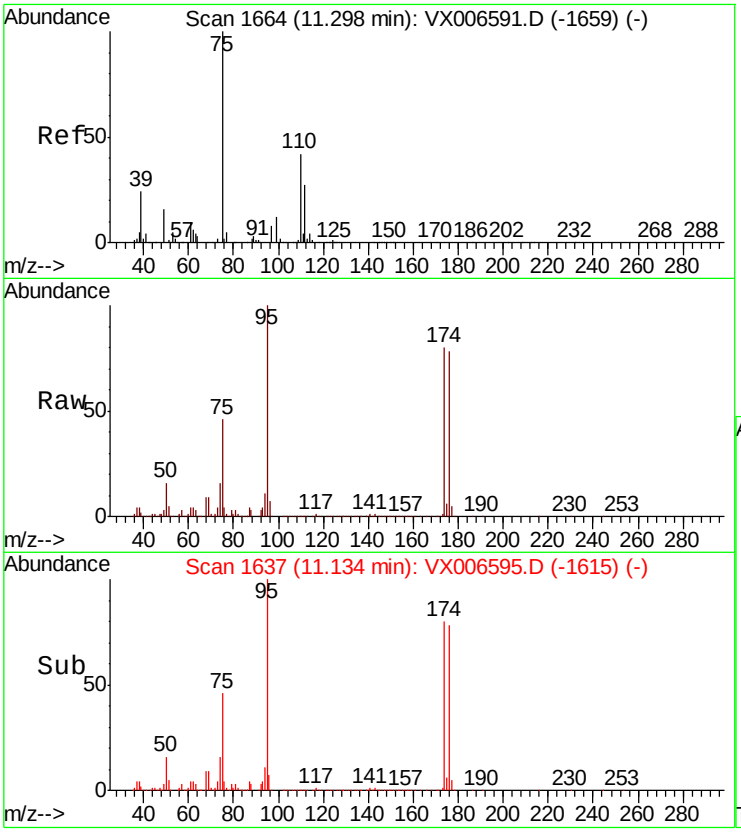


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion:152 Resp: 507813

Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.0	116.9
150	158.5	0.0	345.8



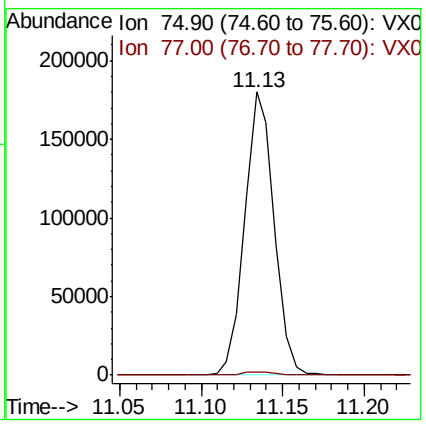


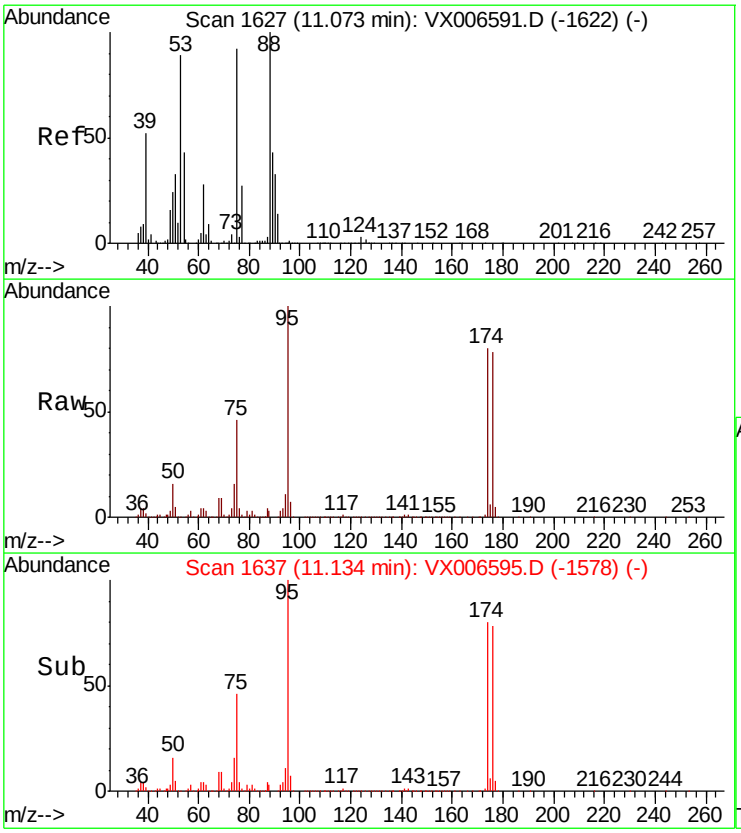
#76
1,2,3-Trichloropropane
Concen: 25.350 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument : MSVOA_X
ClientSampleId : VX1218WBL01

Tgt Ion: 75 Resp: 225621

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.9	59.7#

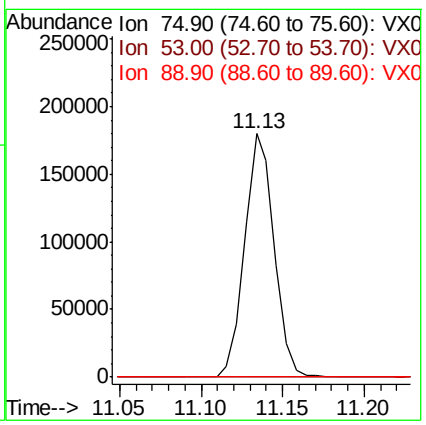


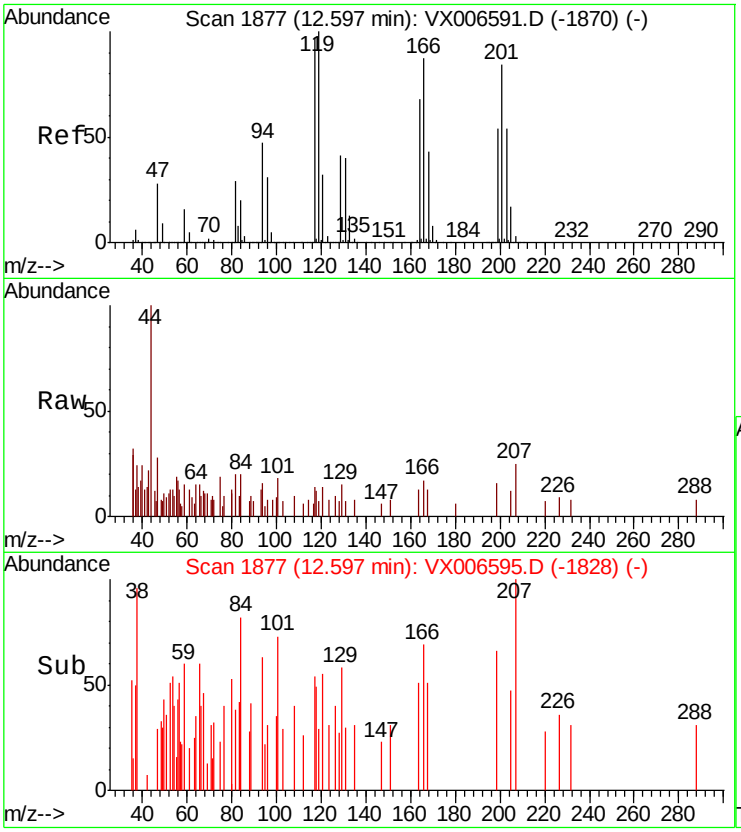


#81
trans-1,4-Dichloro-2-butene
Concen: 70.831 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion: 75 Resp: 225621

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	44.2	66.4#



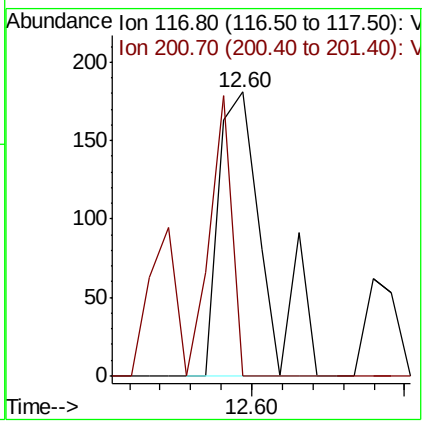


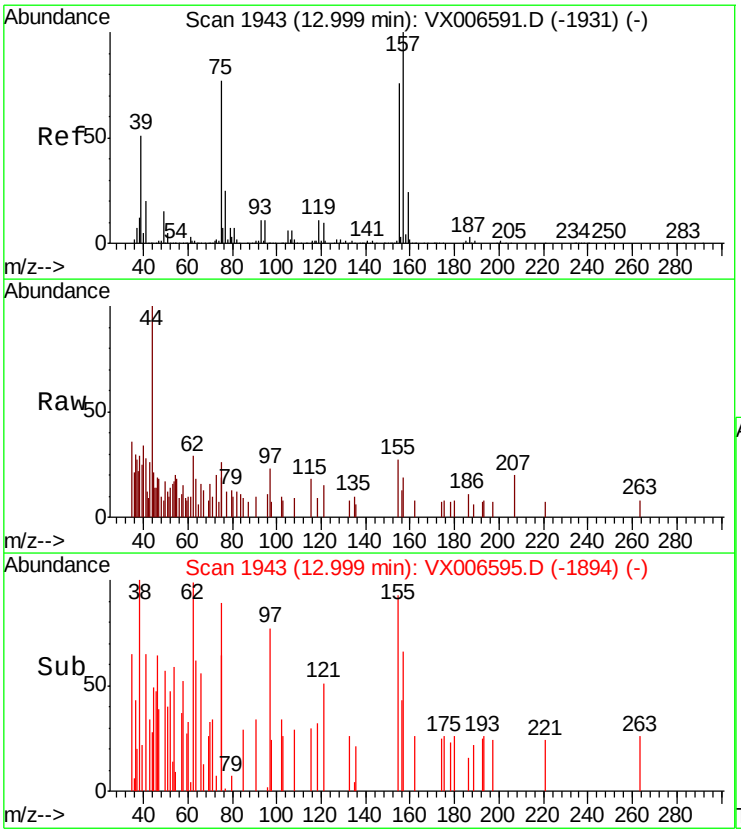
#90
Hexachloroethane
Concen: 3.330 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion:117 Resp: 189

Ion	Ratio	Lower	Upper
117	100		
201	47.6	44.7	134.1

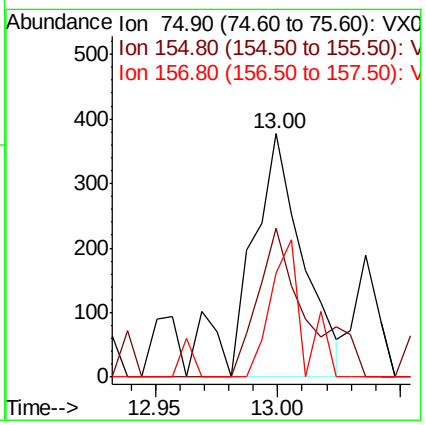


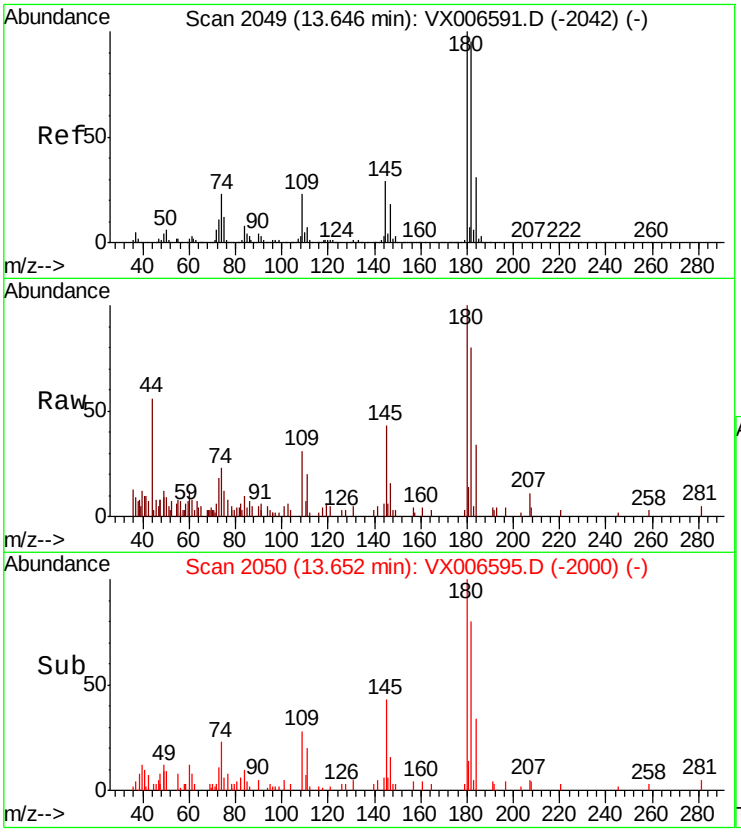


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.270 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion: 75 Resp: 578

Ion	Ratio	Lower	Upper
75	100		
155	56.1	53.4	160.3
157	33.9	68.0	203.8#



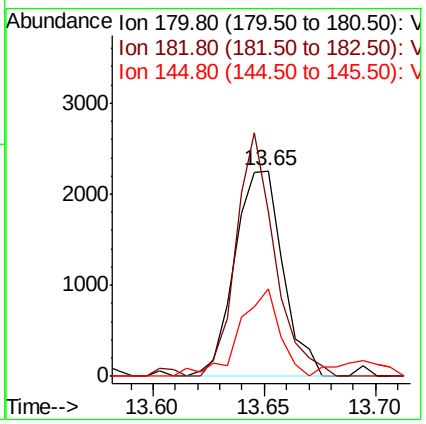


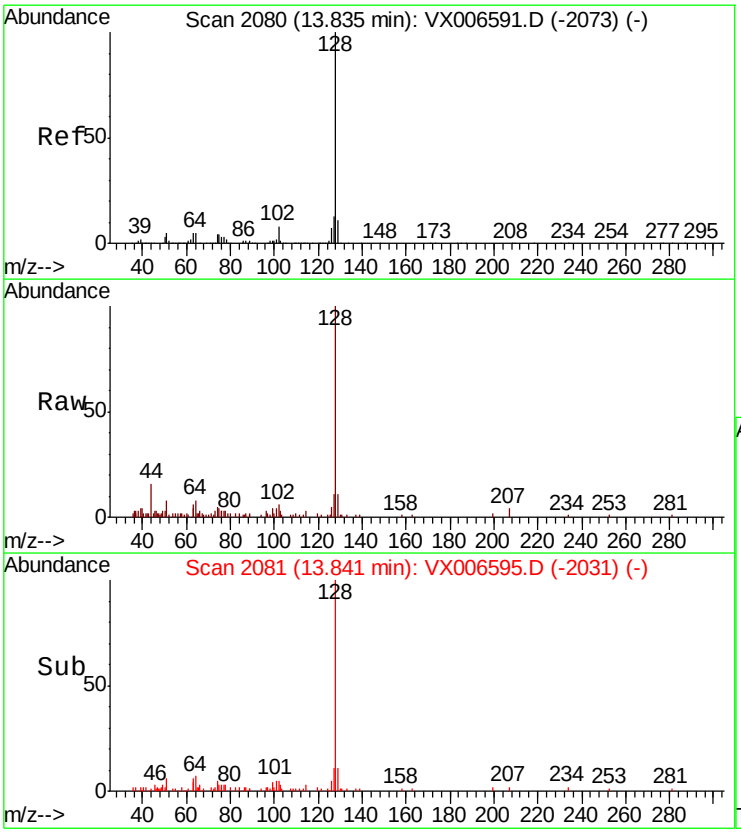
#93
1,2,4-Trichlorobenzene
Concen: 0.293 ug/l
RT: 13.65 min Scan# 2050
Delta R.T. 0.01 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion:180 Resp: 3418

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.9
145	35.8	14.6	43.8

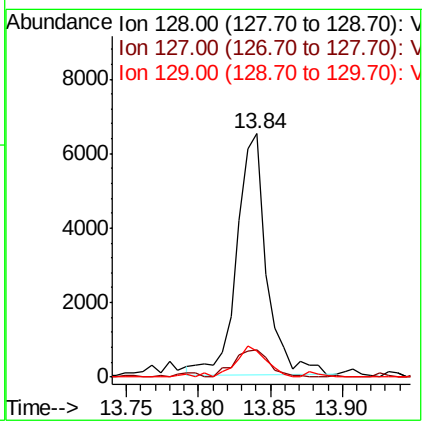


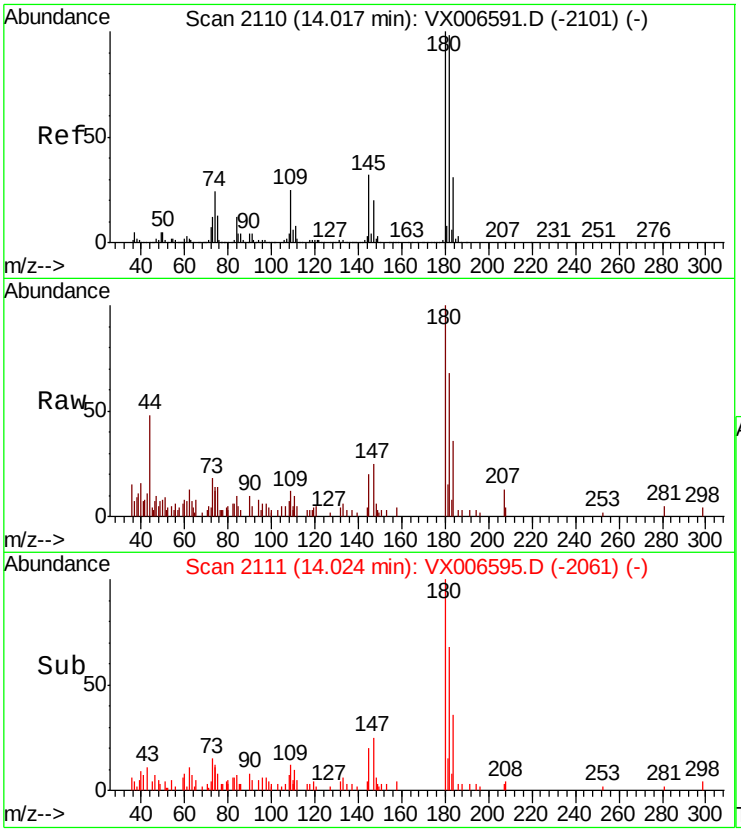


#95
Naphthalene
Concen: 0.251 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Tgt Ion:128 Resp: 9352

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	13.0	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 0.247 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006595.D
Acq: 18 Dec 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBL01

Tgt Ion:180 Resp: 2980

Ion	Ratio	Lower	Upper
180	100		
182	114.3	48.4	145.2
145	39.4	15.6	46.8