Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121918\
Data File : VX006647.D
Acq On : 19 Dec 2018 19:51
Operator : JC/MD
Sample : J6479-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-1

Quant Time: Dec 20 04:04:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	611079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	988405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	905849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	431027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	341550	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.72%			
35) Dibromofluoromethane	5.50	113	292720	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.66%			
50) Toluene-d8	8.71	98	1170060	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.30%			
62) 4-Bromofluorobenzene	11.13	95	424307	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.41	62	19509	3.102	ug/l	92
5) Bromomethane	1.65	94	439	Below Cal	#	65
6) Chloroethane	1.73	64	7546	1.733	ug/l	89
11) Tert butyl alcohol	3.05	59	1068	0.727	ug/l #	38
12) 1,1-Dichloroethene	2.38	96	207110	37.934	ug/l	97
13) Acrolein	2.30	56	222	0.224	ug/l #	13
16) Acetone	2.45	43	2142	0.708	ug/l	89
20) Methylene Chloride	2.87	84	2184	0.349	ug/l #	66
24) 1,1-Dichloroethane	3.70	63	187424	18.674	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	35495	5.318	ug/l	90
28) Bromochloromethane	5.03	49	151	Below Cal	#	1
32) 1,1,1-Trichloroethane	5.50	97	20259	2.308	ug/l	97
36) 1,1-Dichloropropene	5.66	75	40707	4.973	ug/l #	48
38) Carbon Tetrachloride	5.66	117	56555	7.109	ug/l #	14
39) Methylcyclohexane	7.47	83	3584	0.333	ug/l #	80
40) Benzene	6.14	78	6636	0.267	ug/l #	88
42) 1,2-Dichloroethane	6.20	62	11947	1.409	ug/l	92
44) Trichloroethene	7.22	130	4905	0.651	ug/l	83
49) 1,4-Dioxane	7.75	88	43915	239.470	ug/l	95
60) Dibromochloromethane	9.47	129	75	2.335	ug/l	56
76) 1,2,3-Trichloropropane	11.13	75	197545	24.661	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	197545	72.931	ug/l #	12
90) Hexachloroethane	12.49	117	114	3.319	ug/l	100

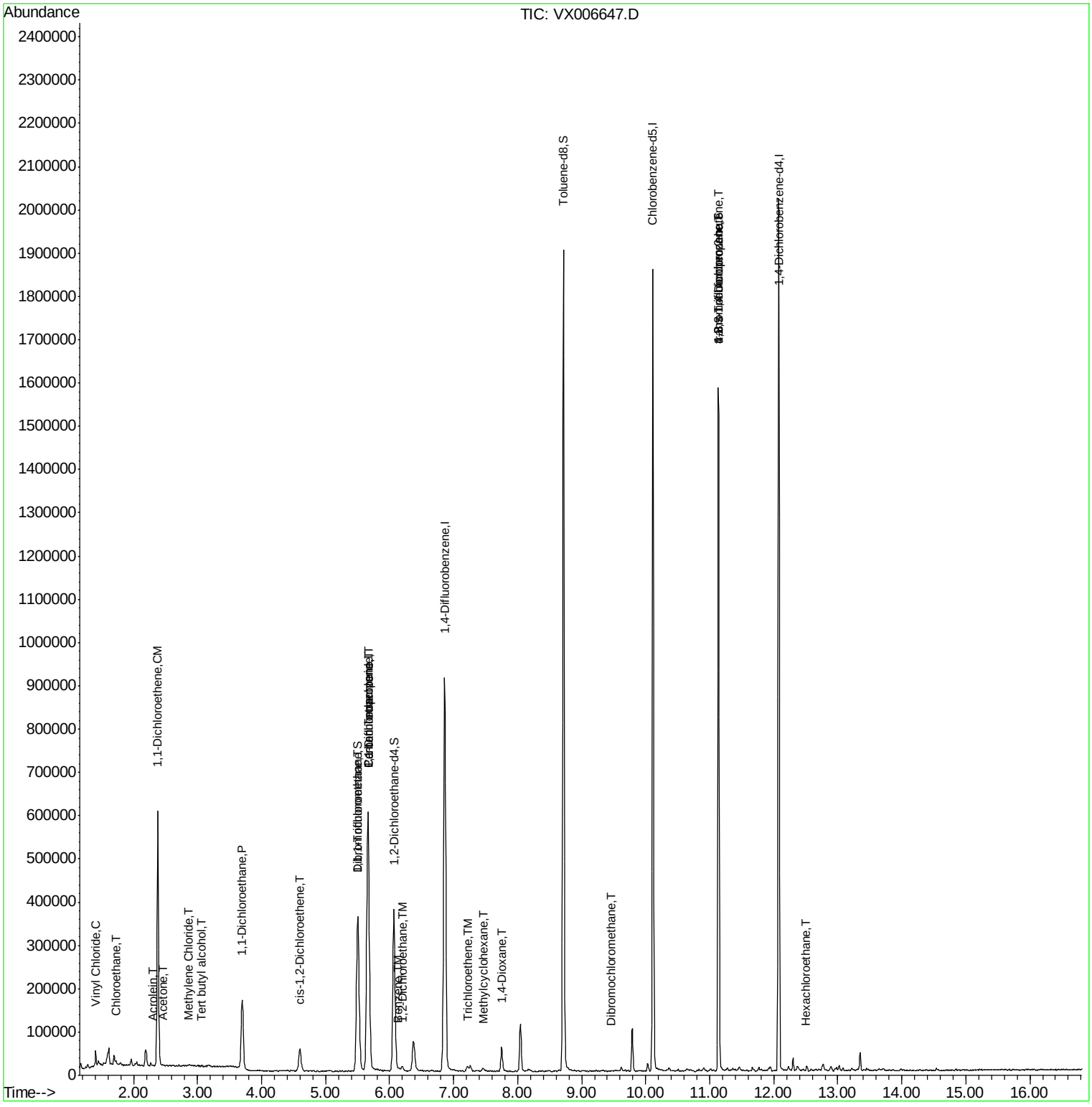
(#) = qualifier out of range (m) = manual integration (+) = signals summed

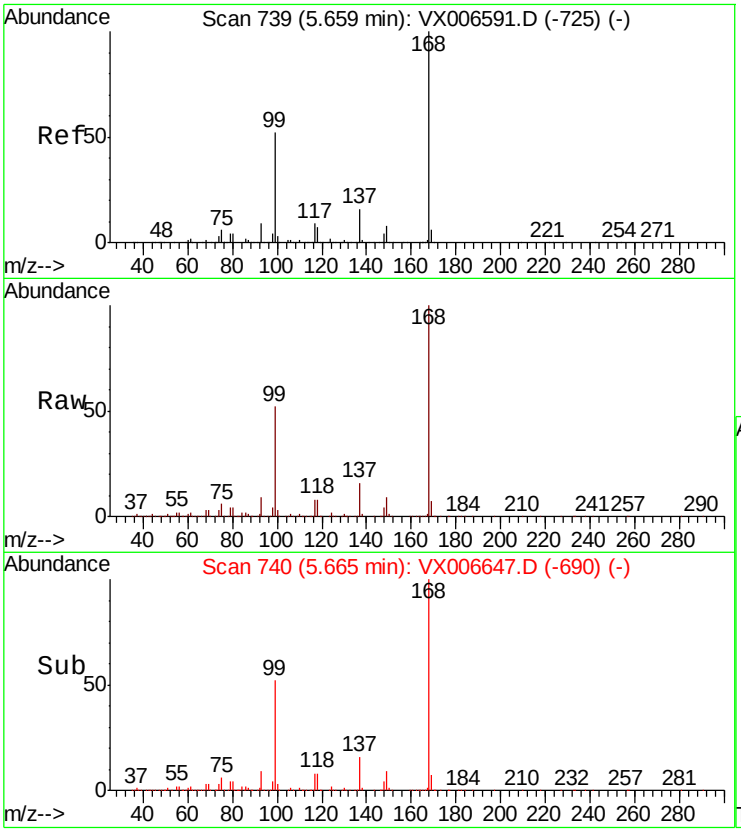
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121918\
Data File : VX006647.D
Acq On : 19 Dec 2018 19:51
Operator : JC/MD
Sample : J6479-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Quant Time: Dec 20 04:04:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



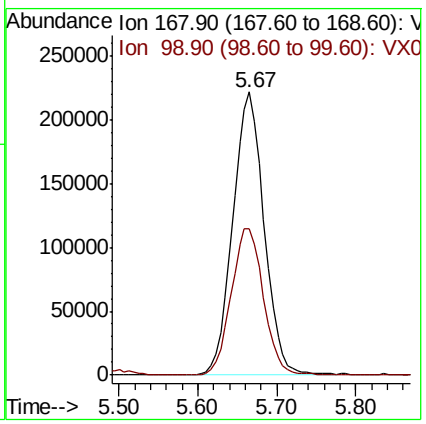


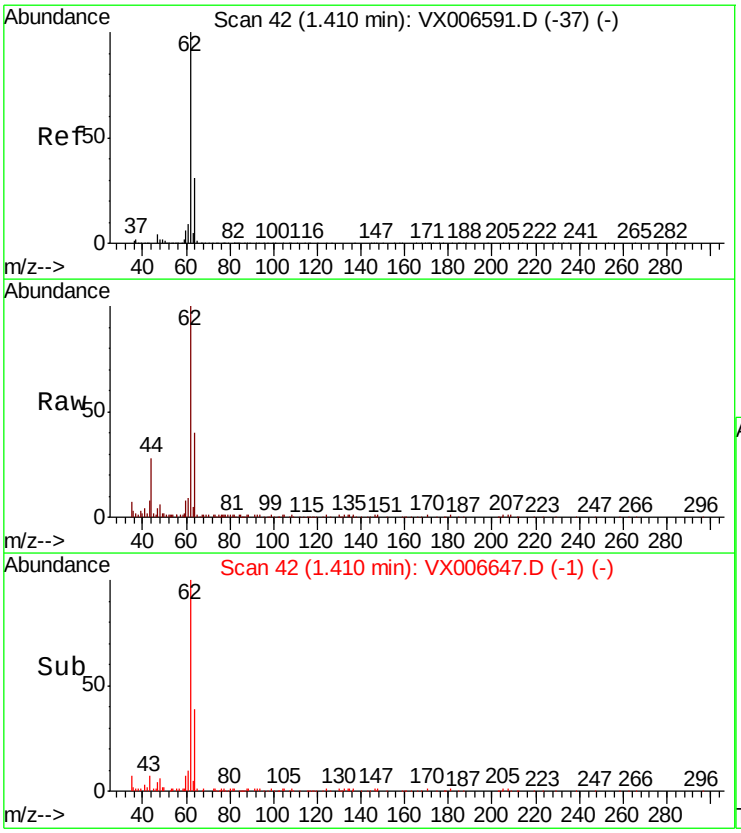
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion:168 Resp: 611079

Ion	Ratio	Lower	Upper
168	100		
99	51.6	41.8	62.8

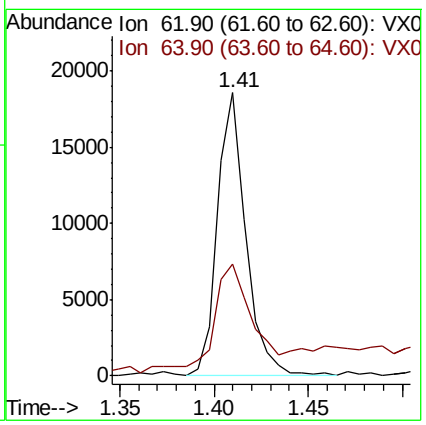


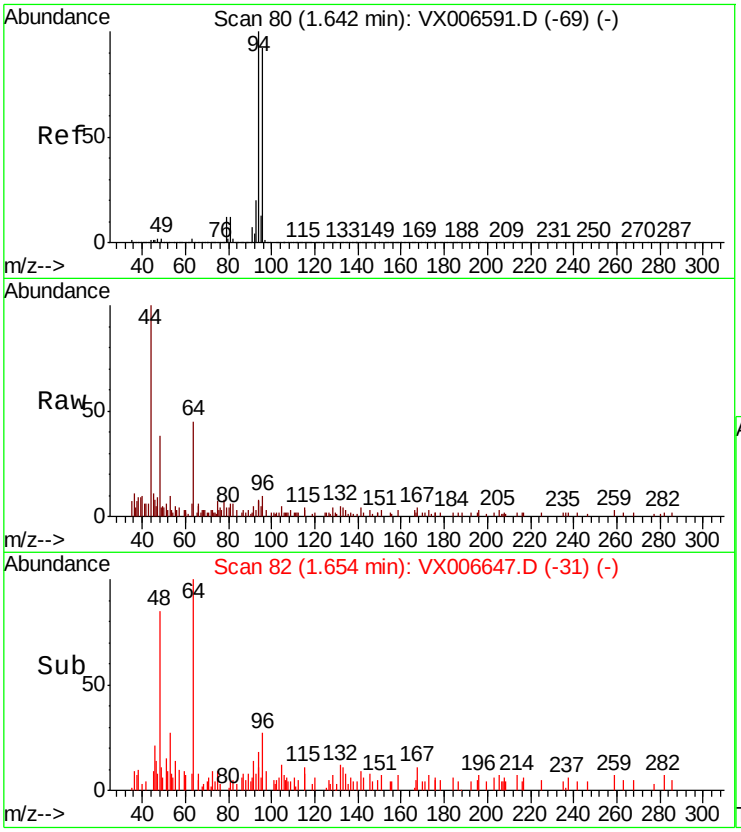


#4
Vinyl Chloride
Concen: 3.102 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 62 Resp: 19509

Ion	Ratio	Lower	Upper
62	100		
64	36.0	25.1	37.7



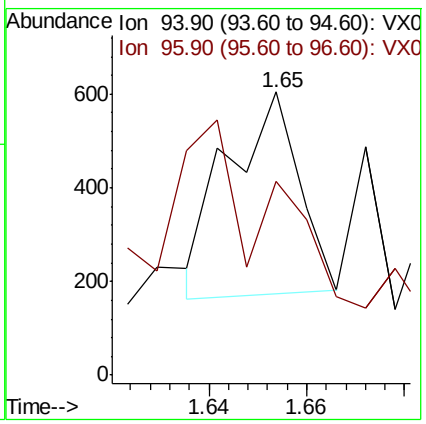


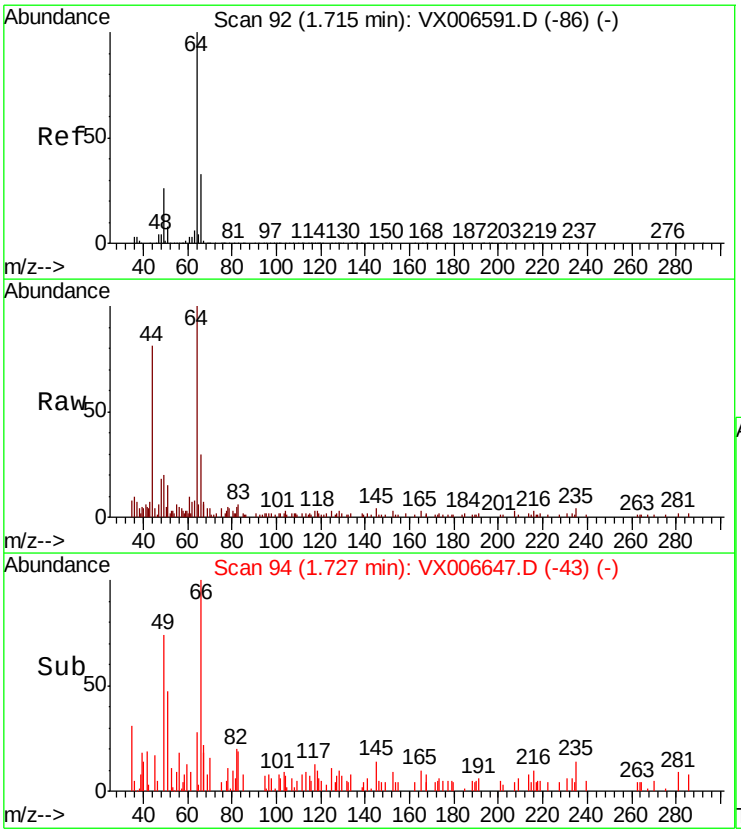
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion: 94 Resp: 439

Ion	Ratio	Lower	Upper
94	100		
96	58.3	73.4	110.2#

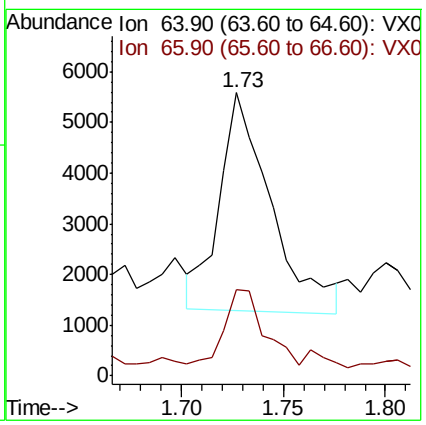


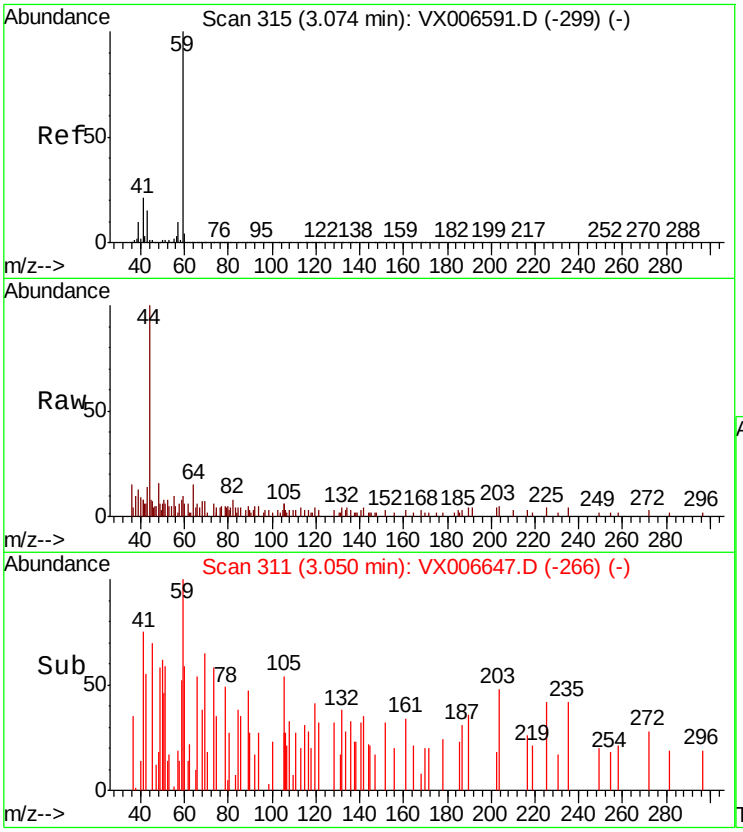


#6
Chloroethane
Concen: 1.733 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 64 Resp: 7546

Ion	Ratio	Lower	Upper
64	100		
66	39.1	26.4	39.6



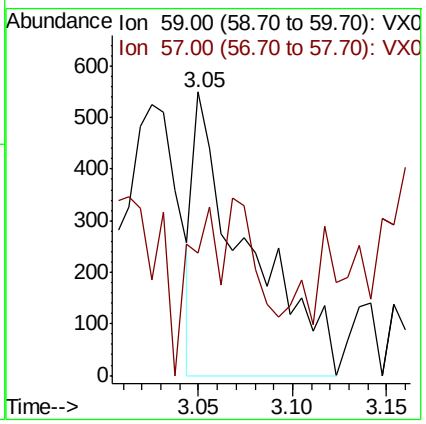


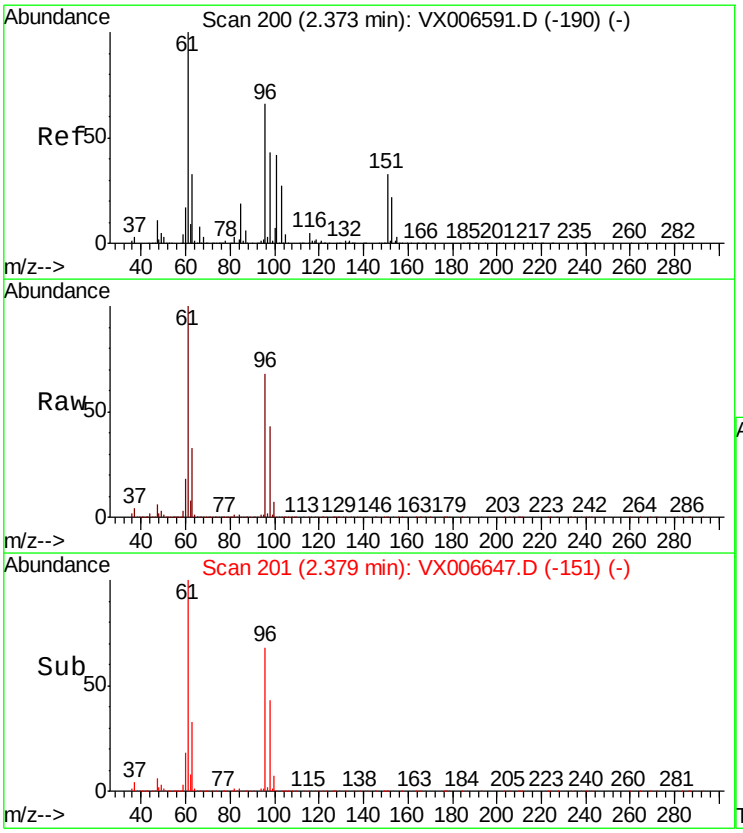
#11
Tert butyl alcohol
Concen: 0.727 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.02 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion: 59 Resp: 1068

Ion	Ratio	Lower	Upper
59	100		
57	34.0	8.5	12.7#

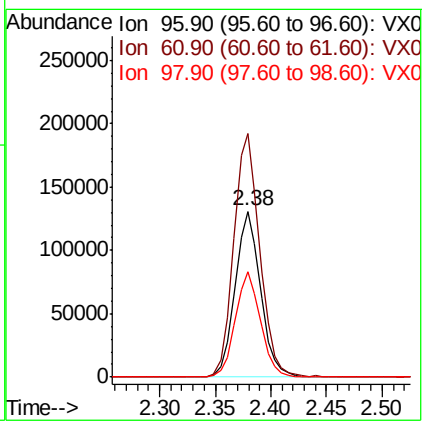


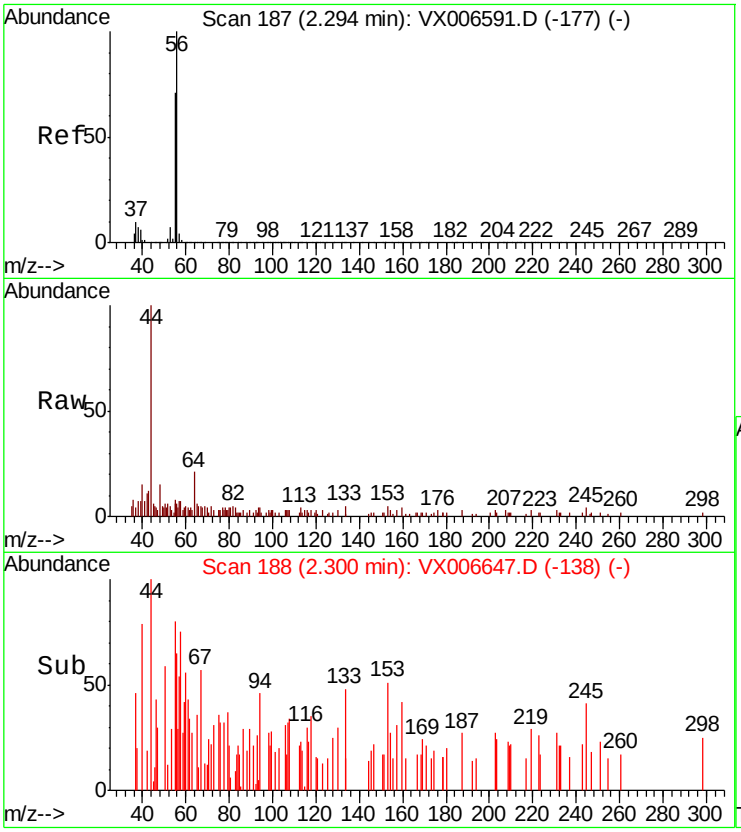


#12
1,1-Dichloroethene
Concen: 37.934 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 96 Resp: 207110

Ion	Ratio	Lower	Upper
96	100		
61	147.0	121.4	182.2
98	63.7	51.9	77.9



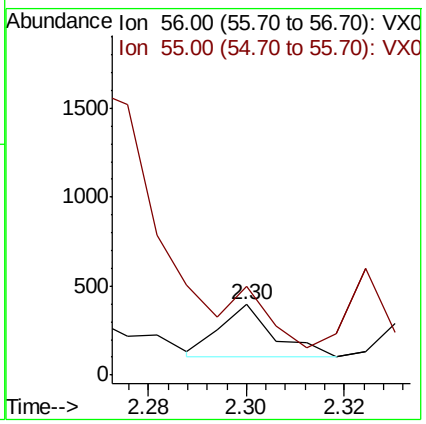


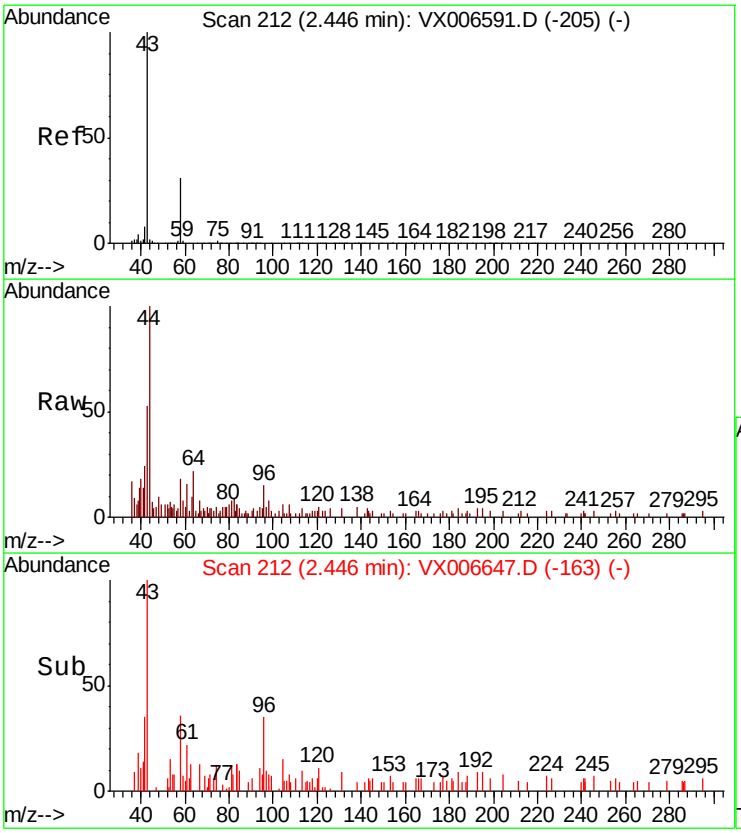
#13
Acrolein
Concen: 0.224 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion: 56 Resp: 222

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.4#

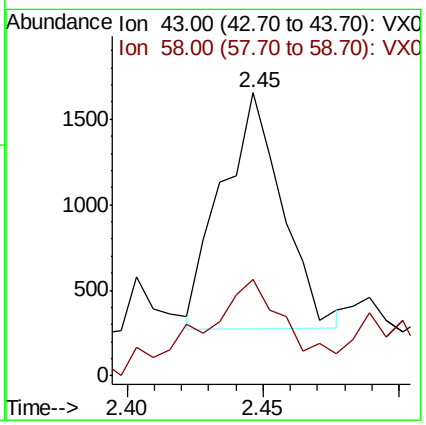


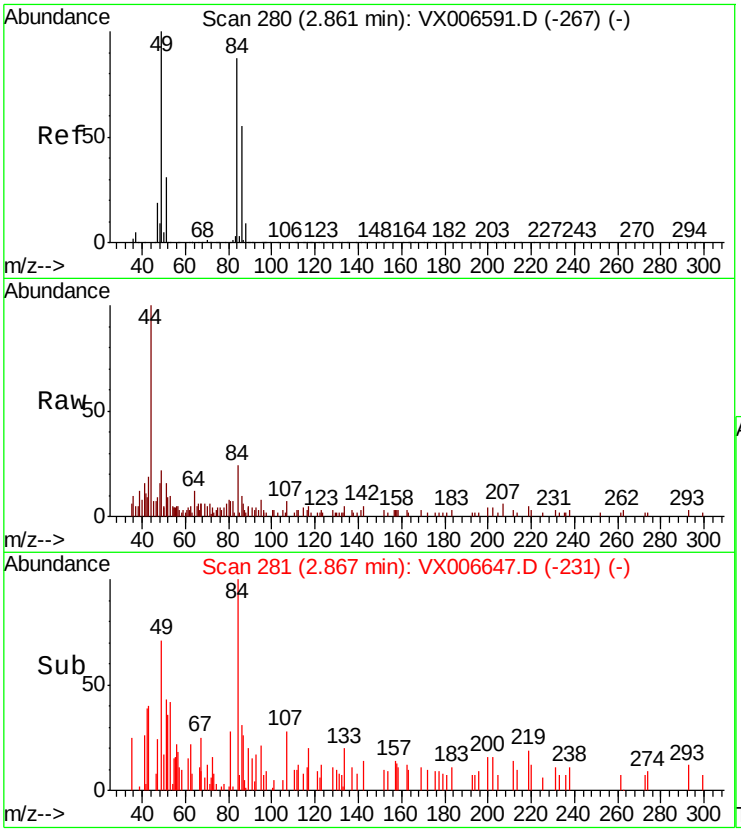


#16
Acetone
Concen: 0.708 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 43 Resp: 2142

Ion	Ratio	Lower	Upper
43	100		
58	25.2	25.0	37.6



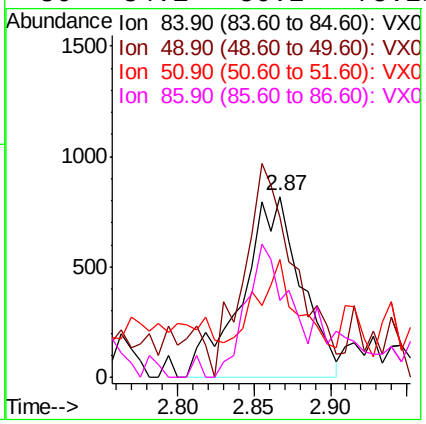


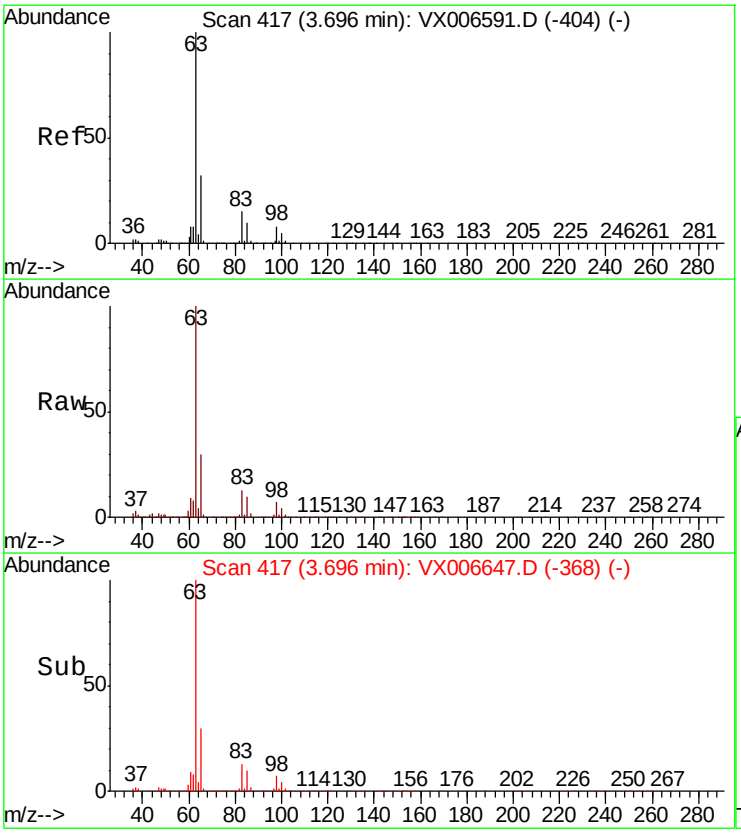
#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument : MSVOA_X
ClientSampleId : DUP-1

Tgt Ion: 84 Resp: 2184

Ion	Ratio	Lower	Upper
84	100		
49	75.7	91.8	137.6#
51	49.0	28.5	42.7#
86	34.1	50.2	75.2#

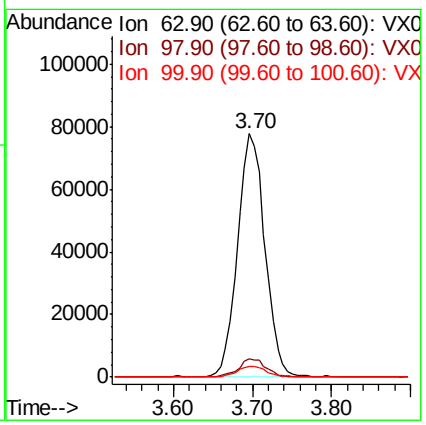


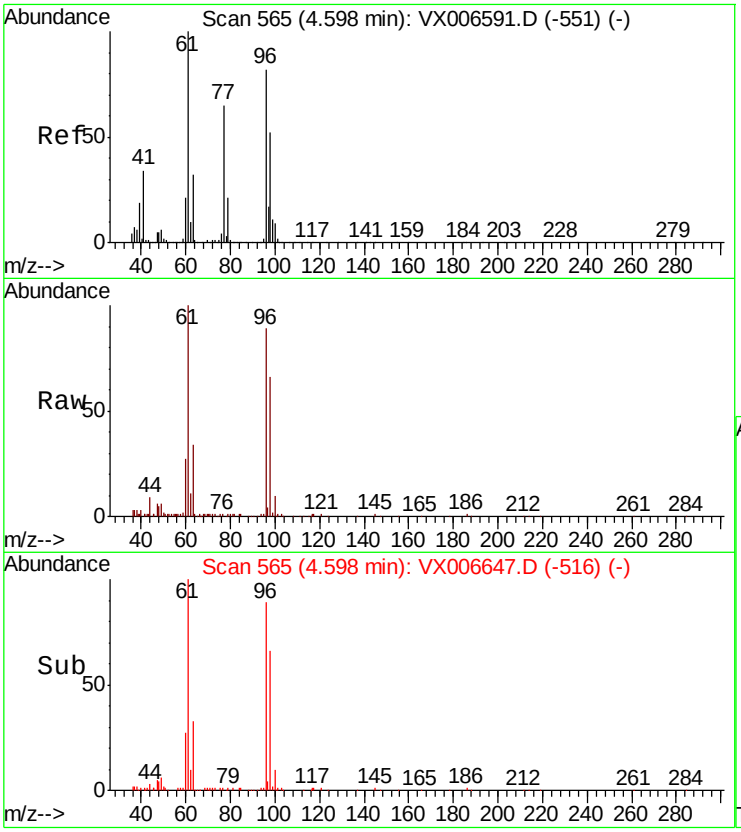


#24
1,1-Dichloroethane
Concen: 18.674 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 63 Resp: 187424

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.9	11.5
100	4.2	2.4	7.2



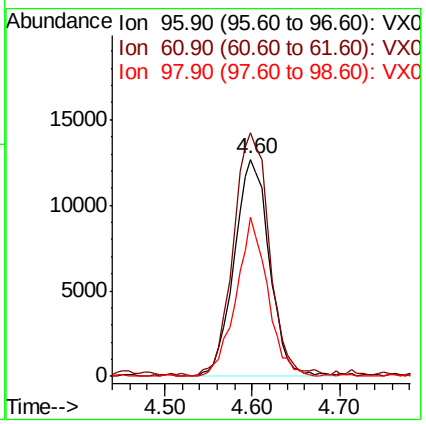


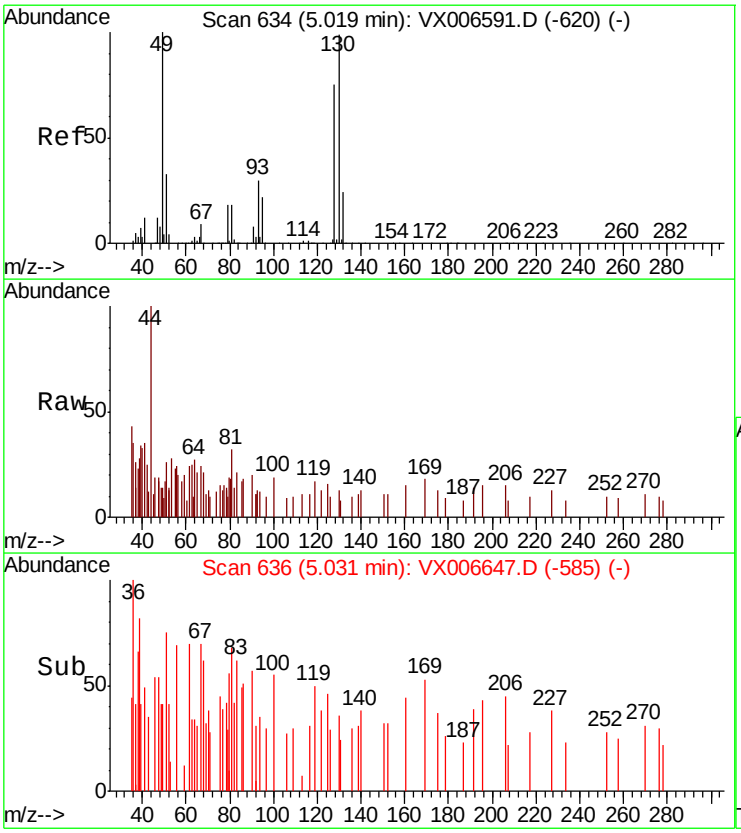
#27
cis-1,2-Dichloroethene
Concen: 5.318 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion: 96 Resp: 35495

Ion	Ratio	Lower	Upper
96	100		
61	112.2	0.0	258.6
98	65.4	0.0	132.0

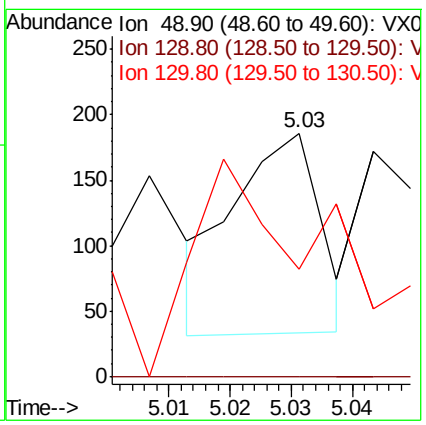


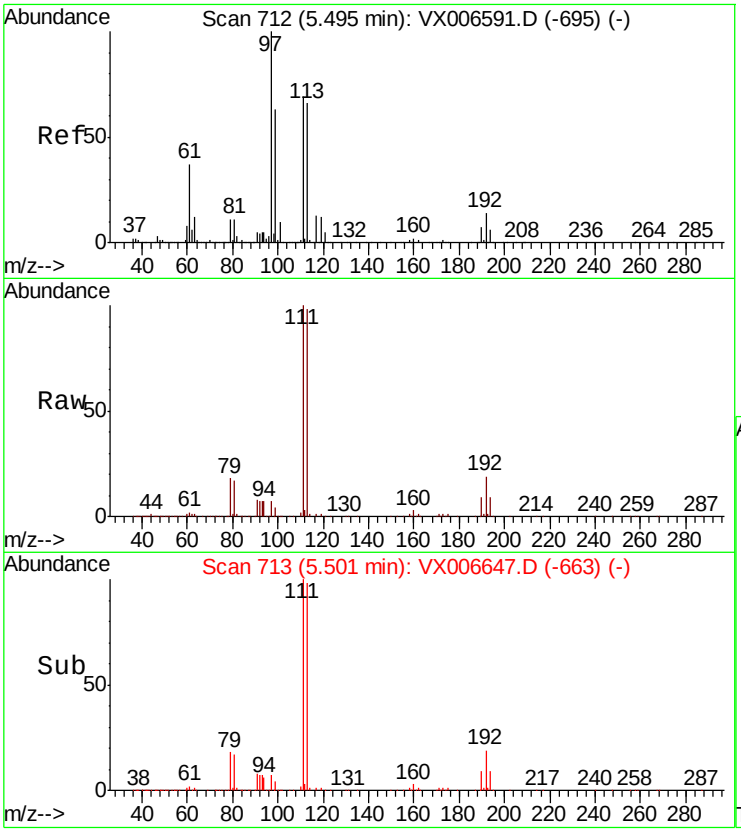


#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 636
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 49 Resp: 151

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	204.0	77.7	116.5#



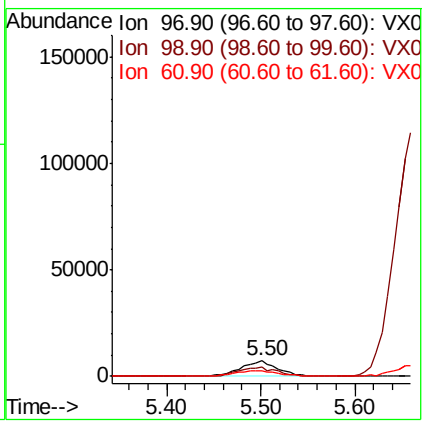


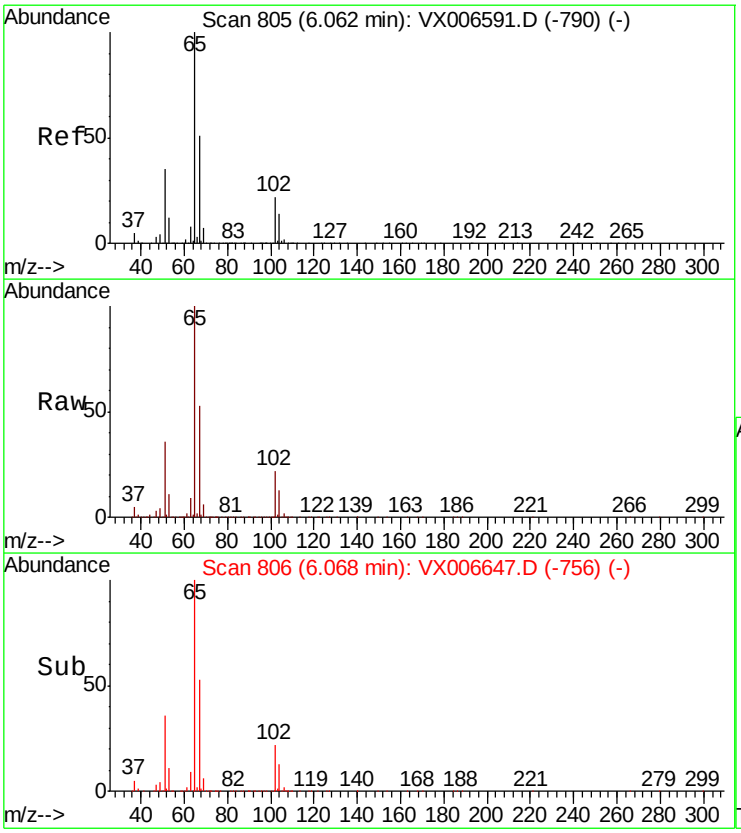
#32
1,1,1-Trichloroethane
Concen: 2.308 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion: 97 Resp: 20259

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.7	77.5
61	41.7	31.3	46.9

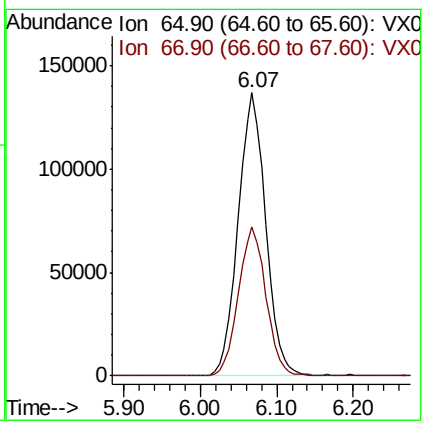


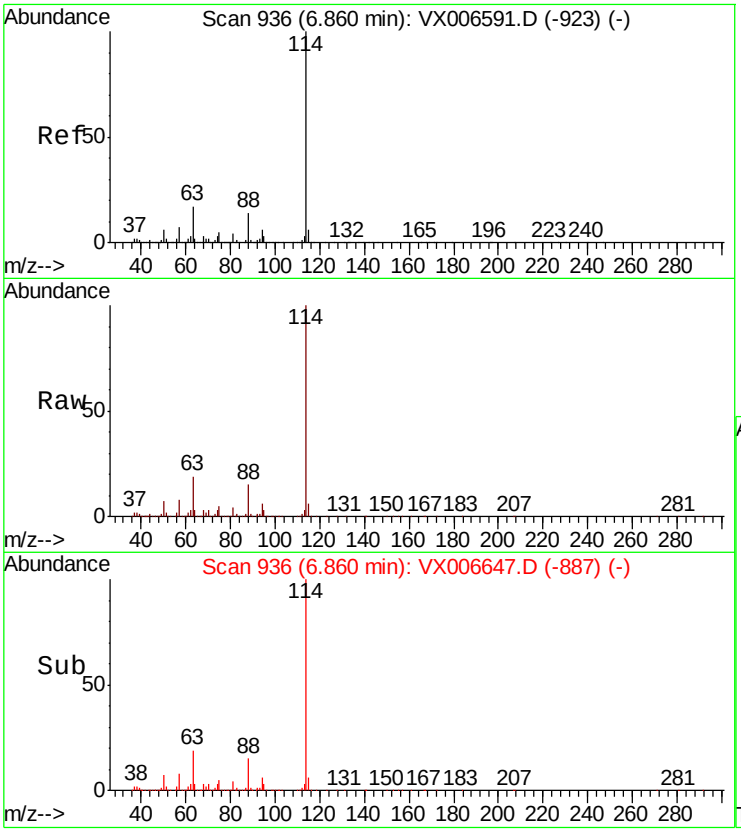


#33
1,2-Dichloroethane-d4
Concen: 51.860 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 65 Resp: 341550

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.0



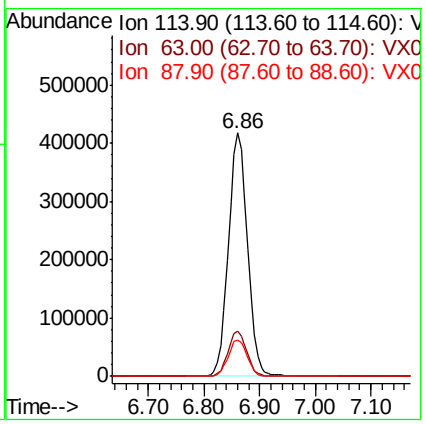


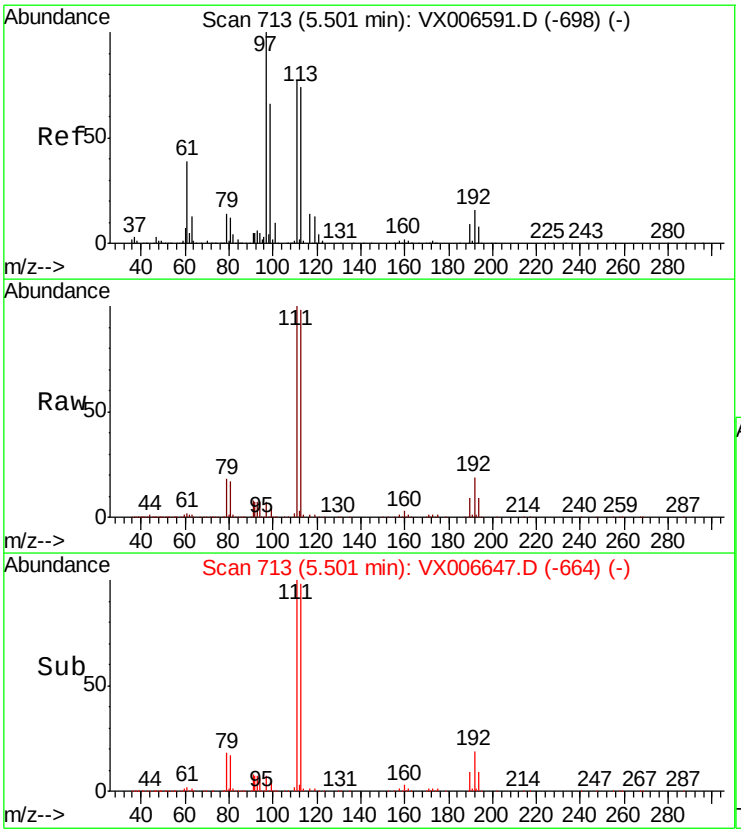
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion:114 Resp: 988405

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.8
88	14.8	0.0	28.8

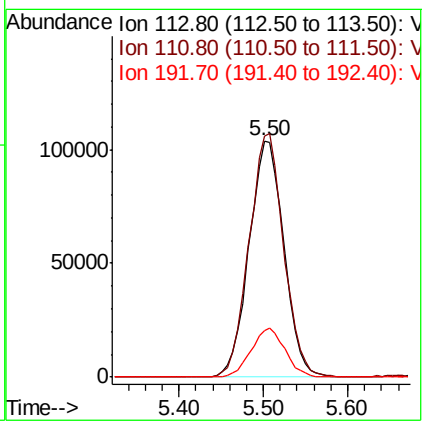


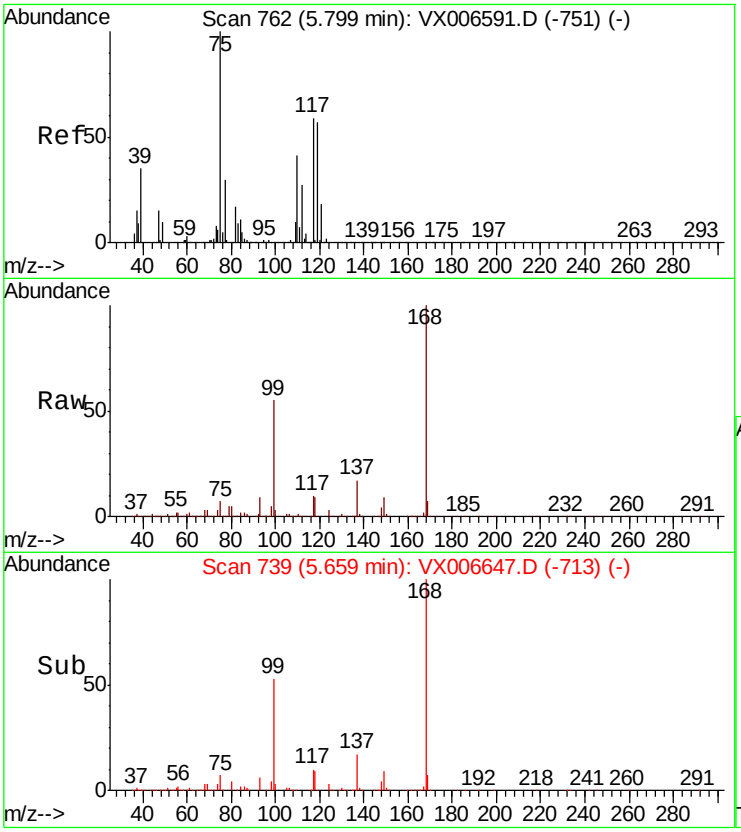


#35
Dibromofluoromethane
Concen: 46.832 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion:113 Resp: 292720

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.6	122.4
192	20.2	16.7	25.1



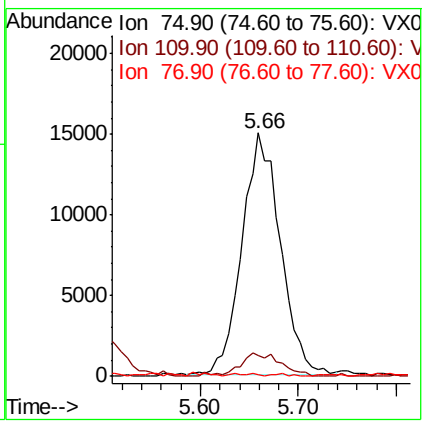


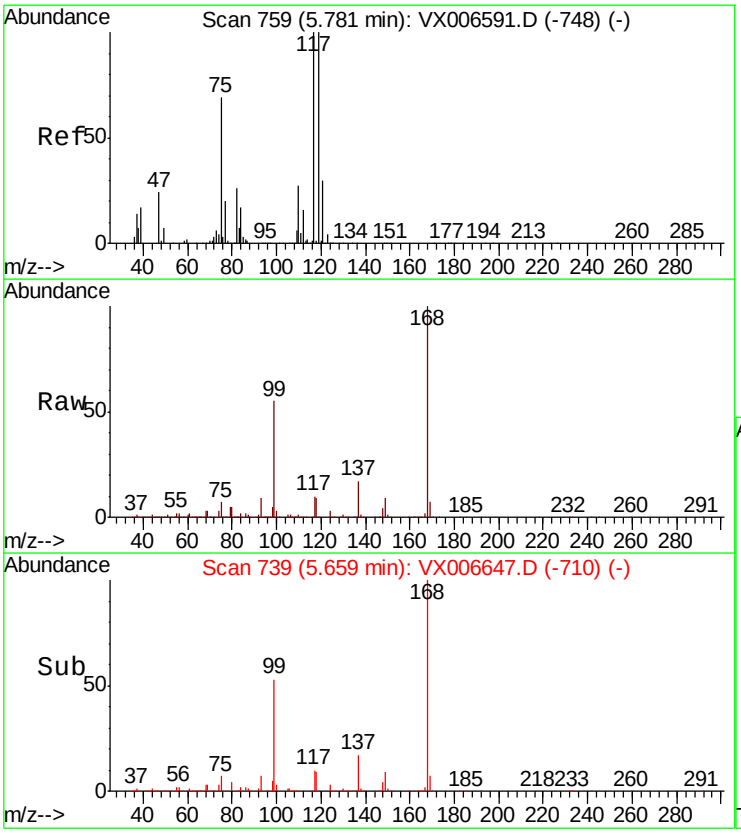
#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion: 75 Resp: 40707

Ion	Ratio	Lower	Upper
75	100		
110	9.8	20.2	60.5#
77	0.0	24.8	37.2#

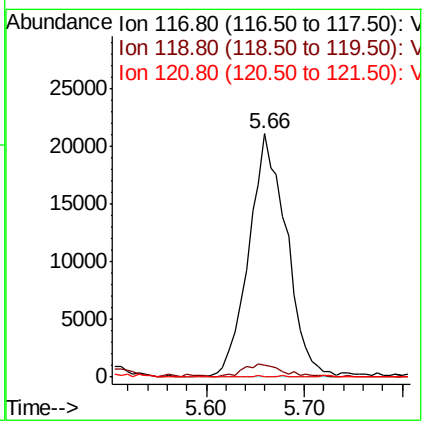


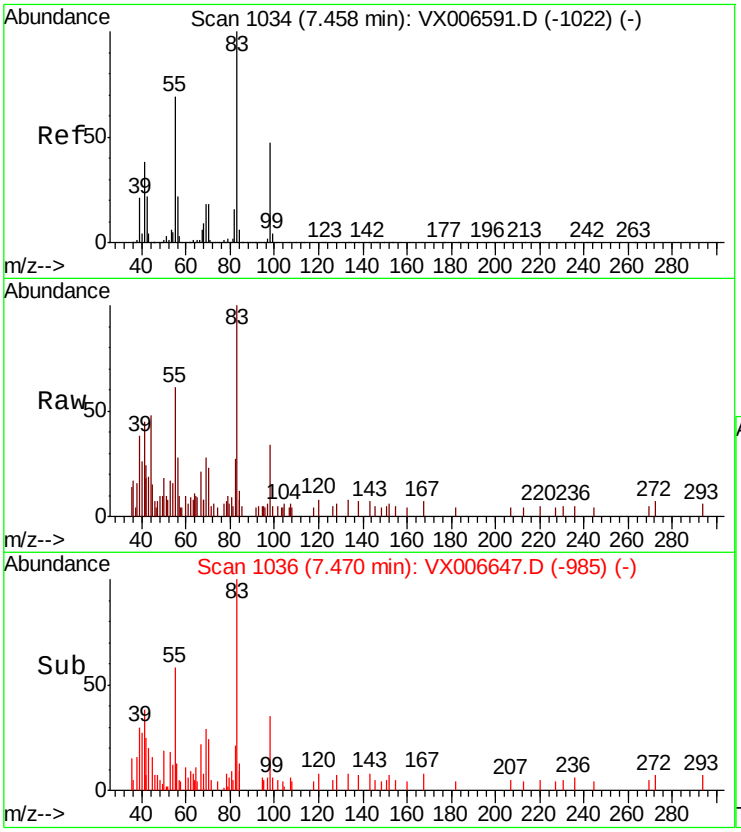


#38
Carbon Tetrachloride
Concen: 7.109 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion:117 Resp: 56555

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



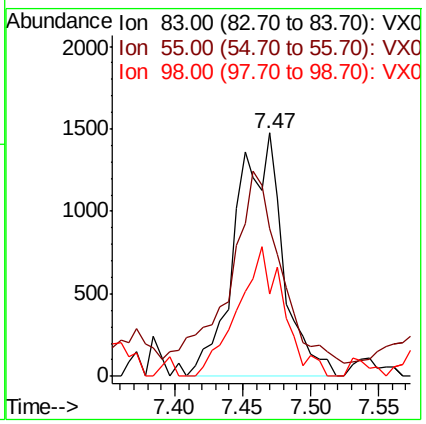


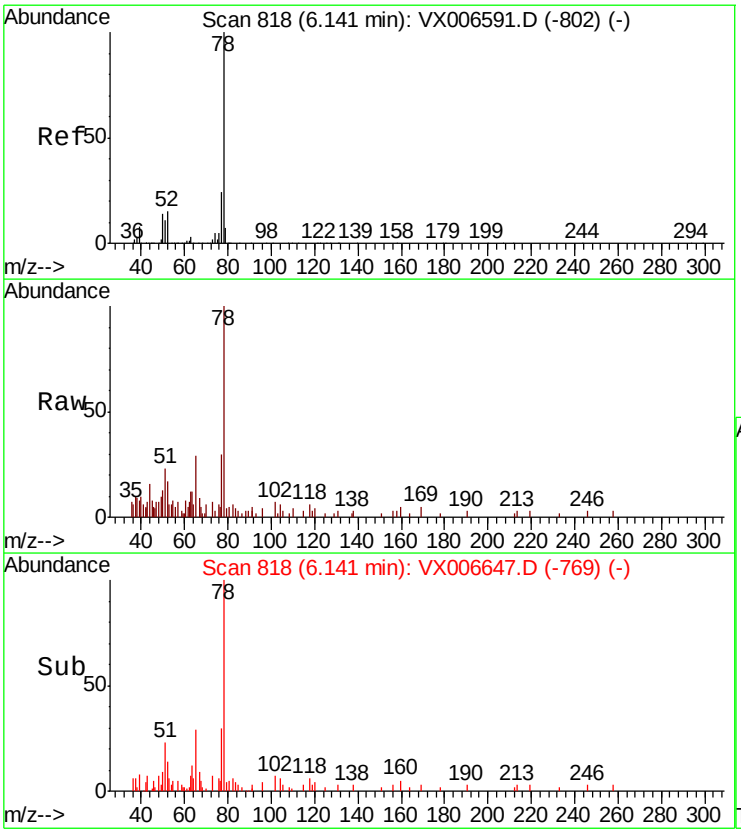
#39
Methylcyclohexane
Concen: 0.333 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument : MSVOA_X
ClientSampleId : DUP-1

Tgt Ion: 83 Resp: 3584

Ion	Ratio	Lower	Upper
83	100		
55	53.1	54.9	82.3#
98	33.7	37.9	56.9#

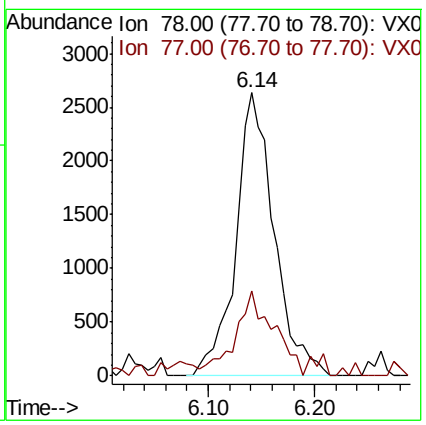


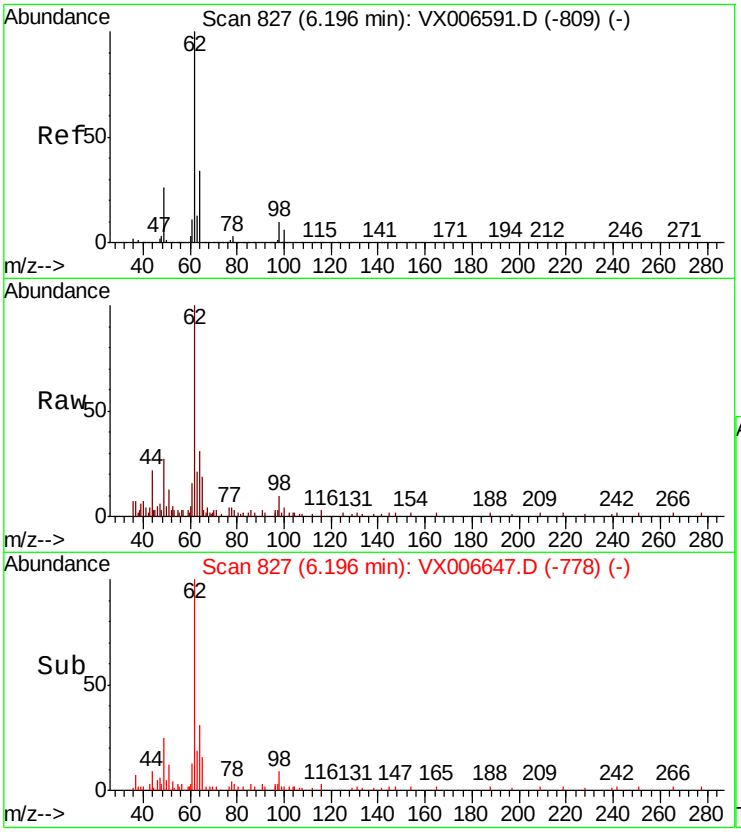


#40
Benzene
Concen: 0.267 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 78 Resp: 6636

Ion	Ratio	Lower	Upper
78	100		
77	30.1	19.2	28.8#



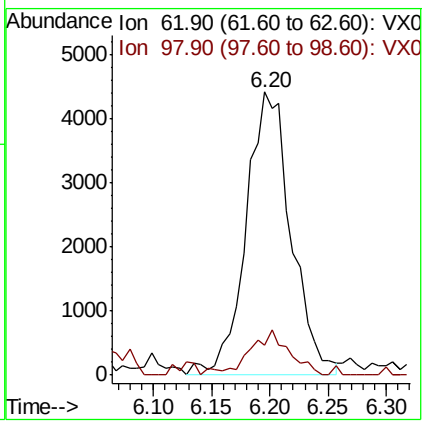


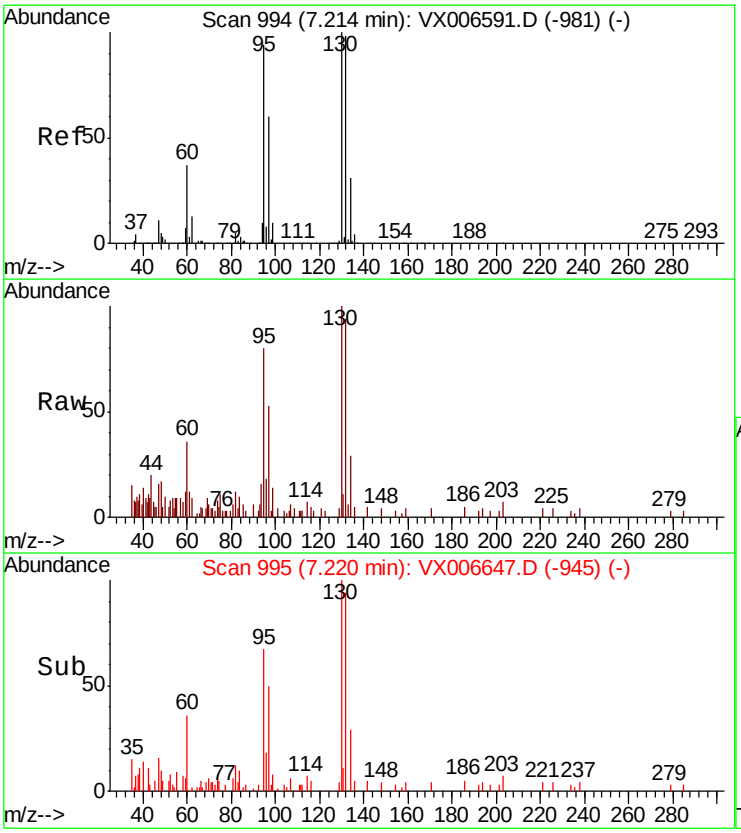
#42
1,2-Dichloroethane
Concen: 1.409 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion: 62 Resp: 11947

Ion	Ratio	Lower	Upper
62	100		
98	13.2	0.0	20.2

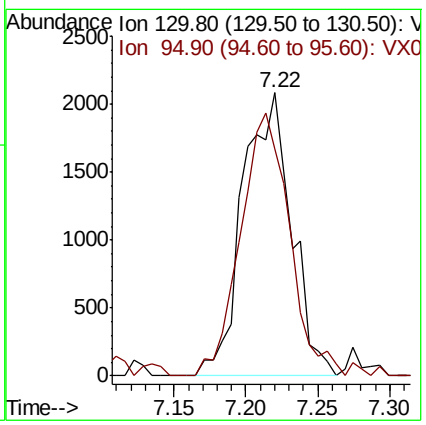


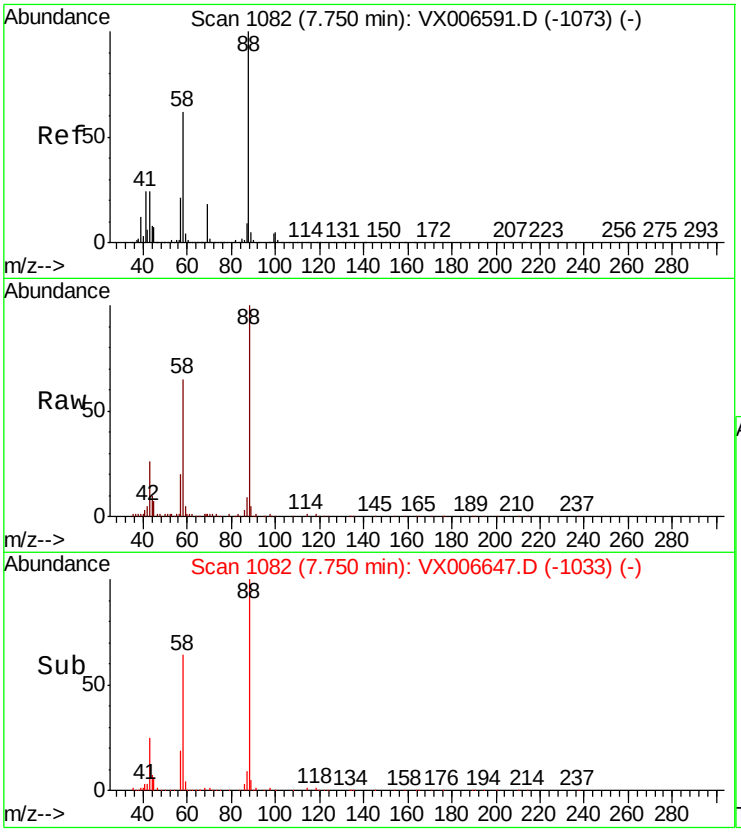


#44
Trichloroethene
Concen: 0.651 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion:130 Resp: 4905

Ion	Ratio	Lower	Upper
130	100		
95	77.4	0.0	187.0



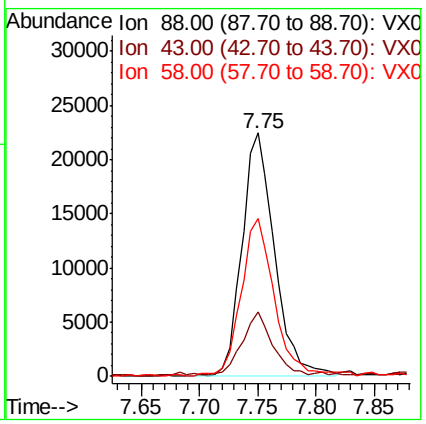


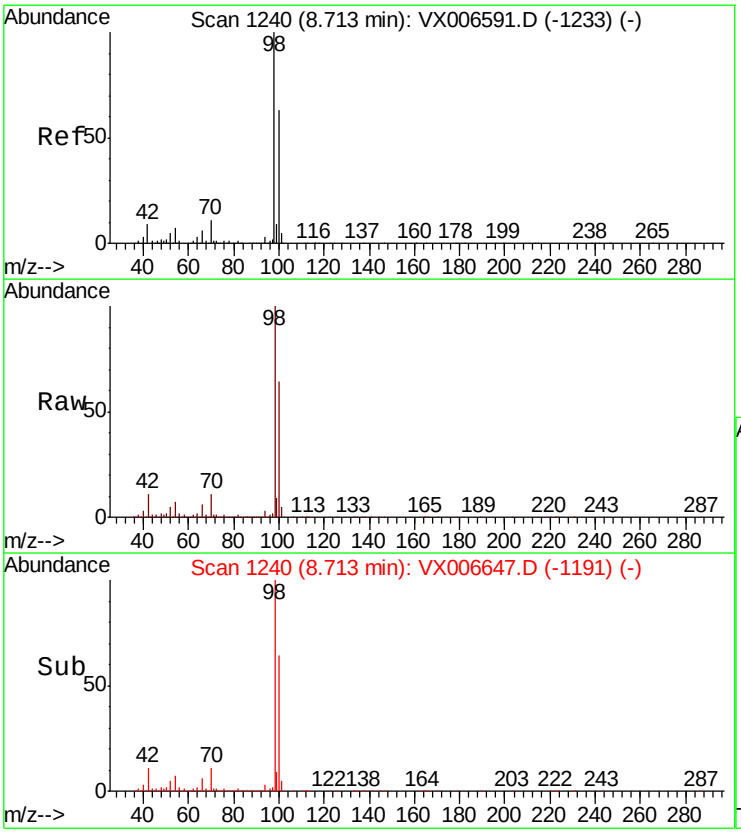
#49
1,4-Dioxane
Concen: 239.470 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion: 88 Resp: 43915

Ion	Ratio	Lower	Upper
88	100		
43	24.0	22.2	33.4
58	67.1	51.0	76.4

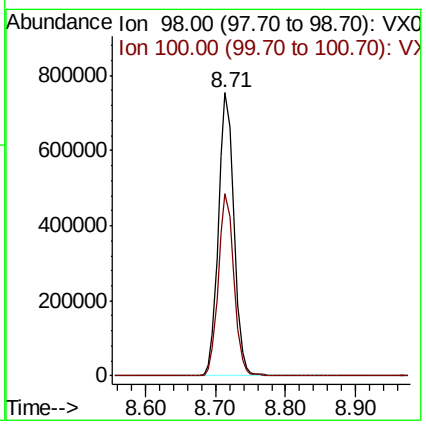


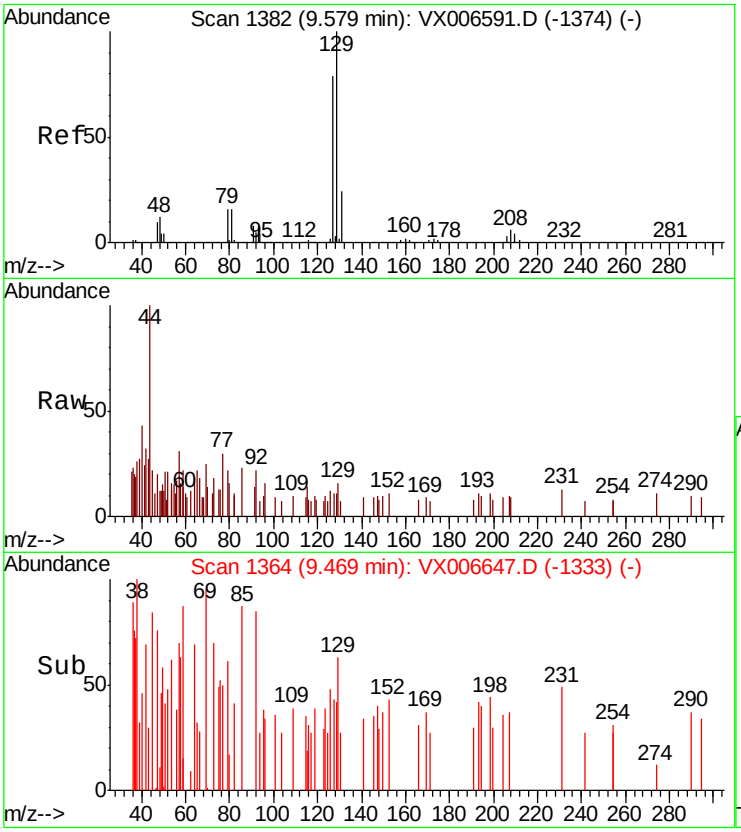


#50
Toluene-d8
Concen: 49.653 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 98 Resp: 1170060

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0



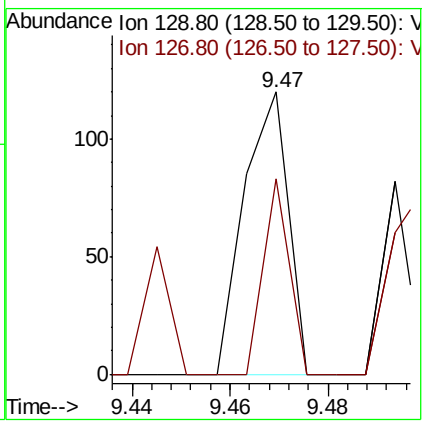


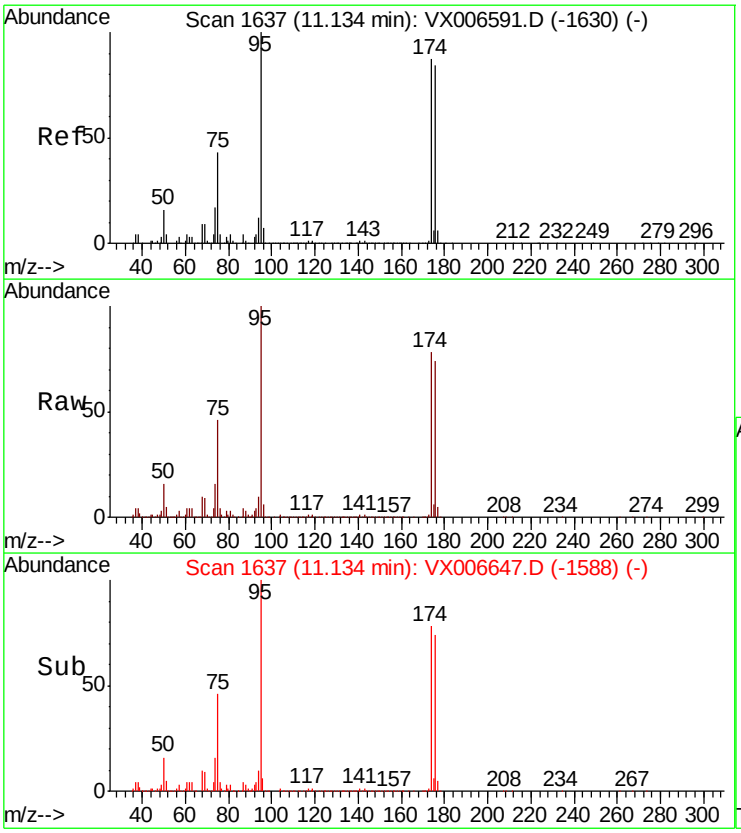
#60
Dibromochloromethane
Concen: 2.335 ug/l
RT: 9.47 min Scan# 1364
Delta R.T. -0.11 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion:129 Resp: 75

Ion	Ratio	Lower	Upper
129	100		
127	40.0	39.3	117.8

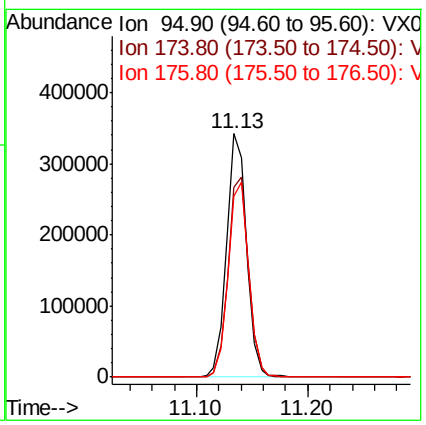


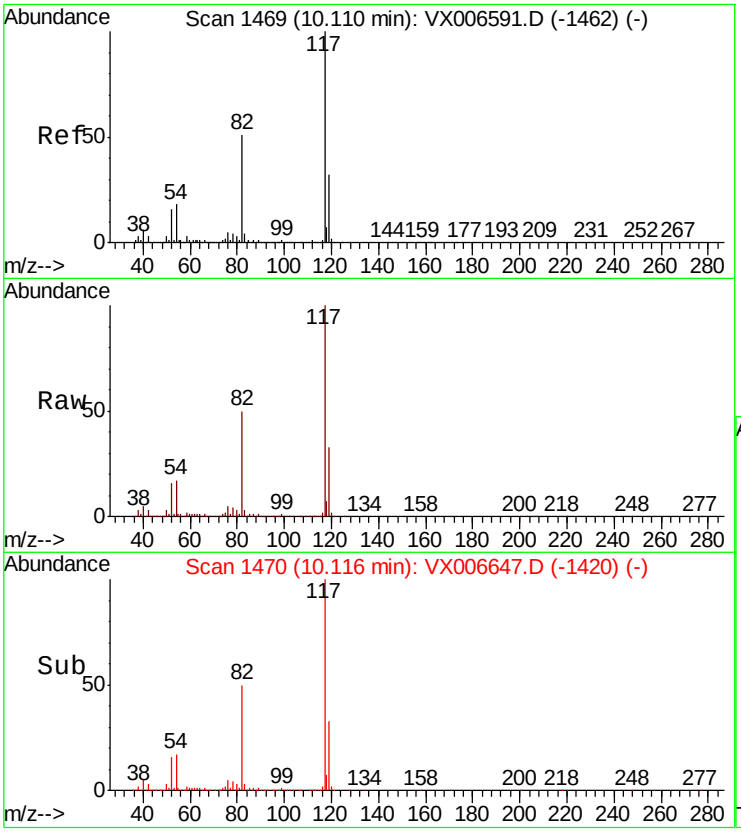


#62
4-Bromofluorobenzene
Concen: 49.165 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 95 Resp: 424307

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	182.2
176	82.2	0.0	178.8



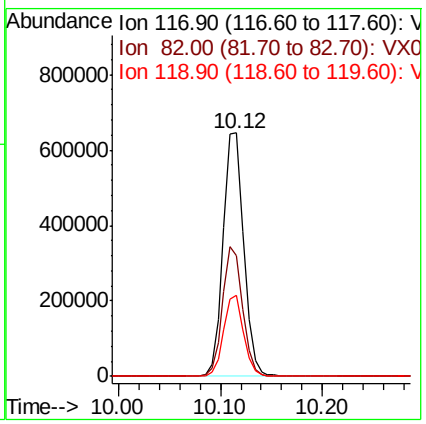


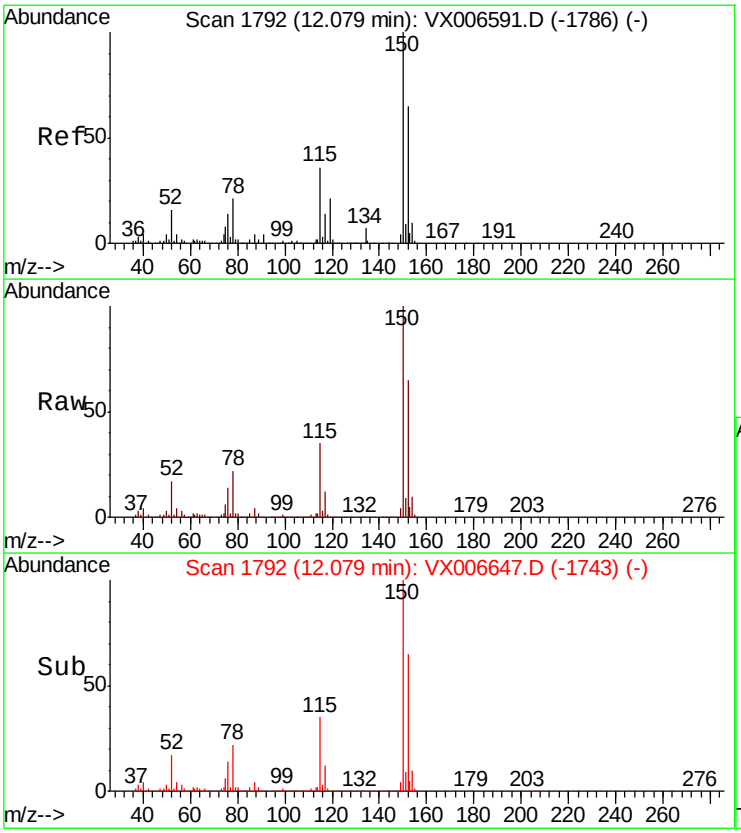
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument : MSVOA_X
ClientSampleId : DUP-1

Tgt Ion:117 Resp: 905849

Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.0	61.6
119	33.4	25.4	38.0

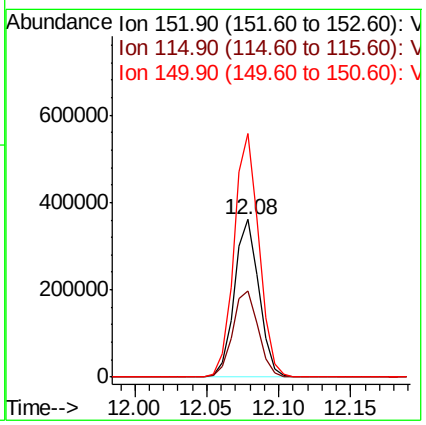


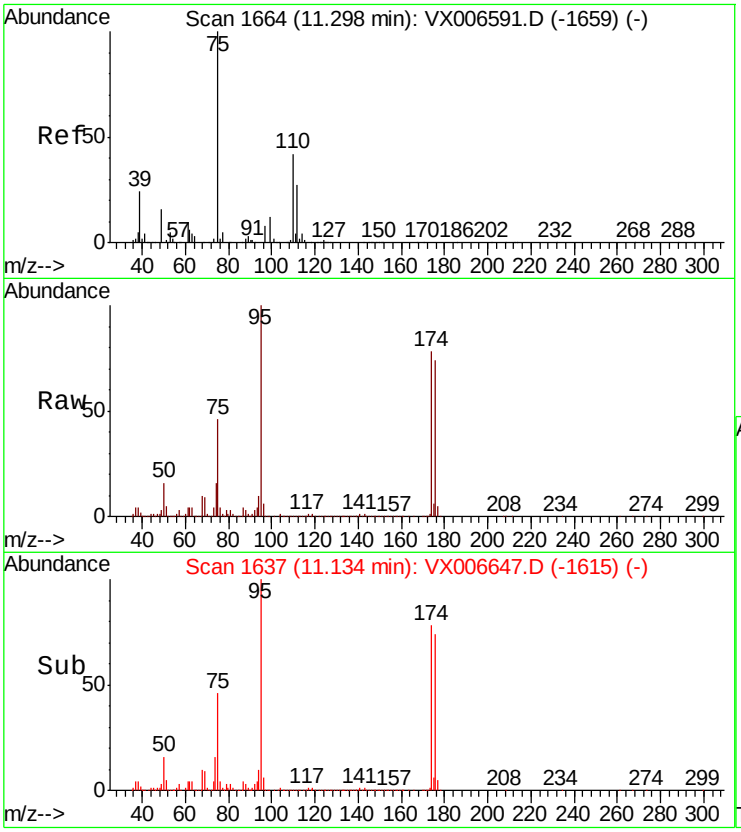


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion:152 Resp: 431027

Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.1	117.2
150	155.9	0.0	344.8



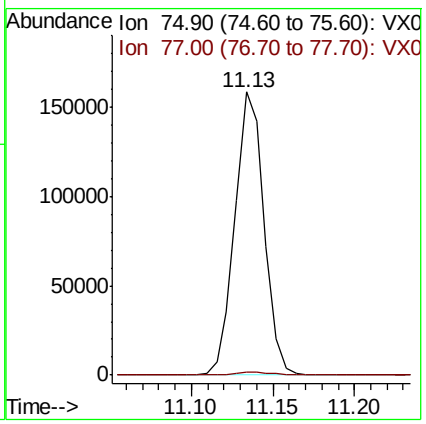


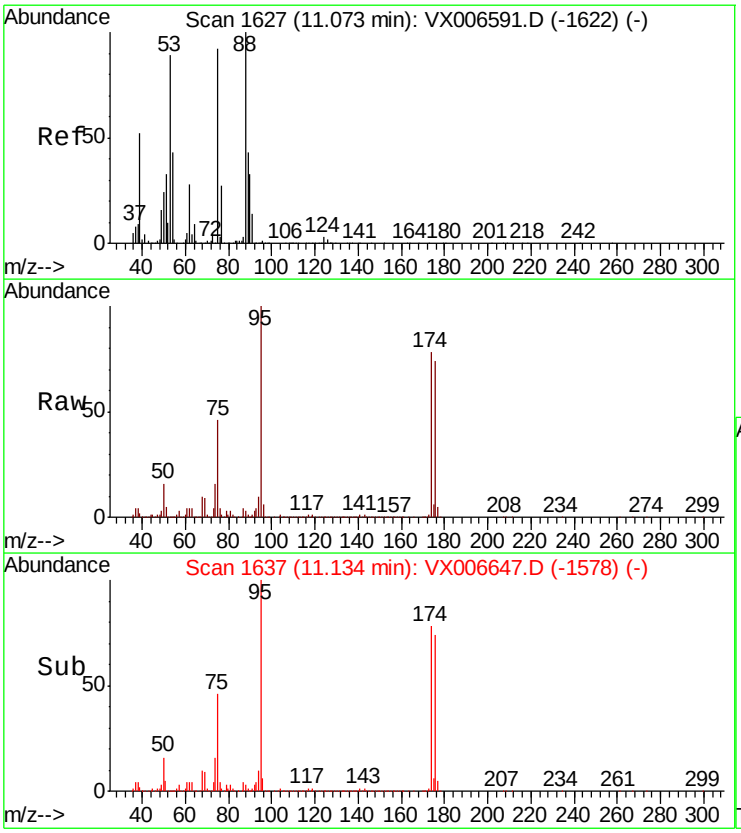
#76
1,2,3-Trichloropropane
Concen: 24.661 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion: 75 Resp: 197545

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#

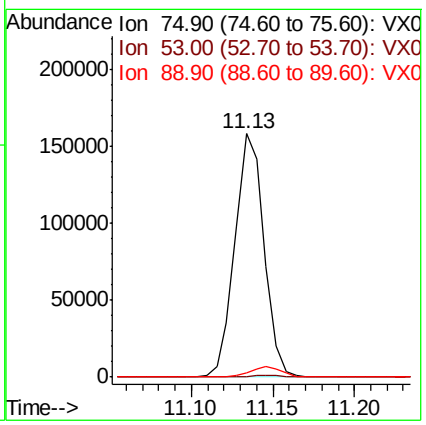


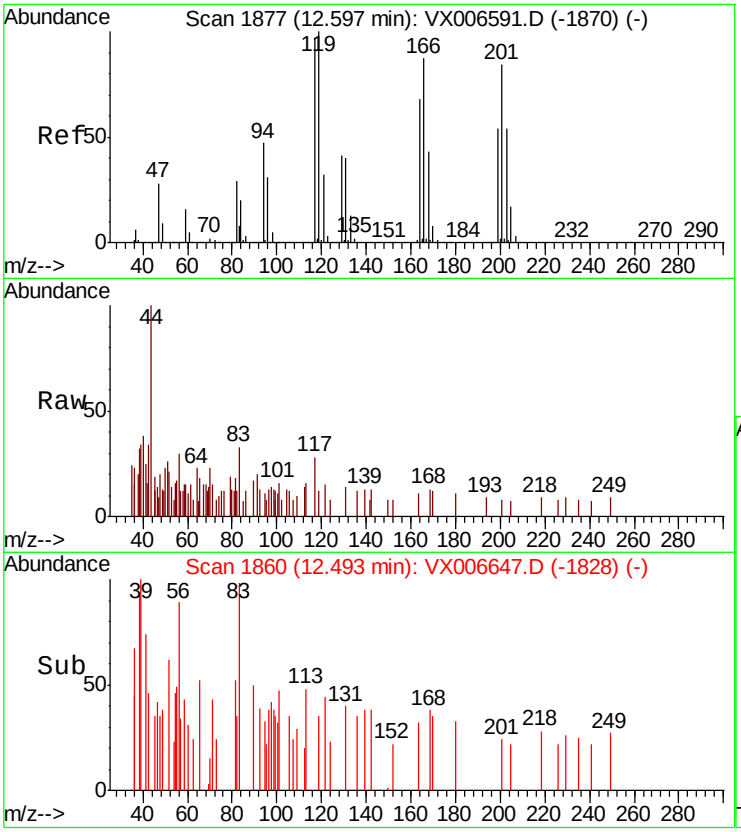


#81
trans-1,4-Dichloro-2-butene
Concen: 72.931 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Tgt Ion: 75 Resp: 197545

Ion	Ratio	Lower	Upper
75	100		
53	0.9	79.7	119.5#
89	4.8	38.0	57.0#





#90
Hexachloroethane
Concen: 3.319 ug/l
RT: 12.49 min Scan# 1860
Delta R.T. -0.10 min
Lab File: VX006647.D
Acq: 19 Dec 2018 19:51

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion:117 Resp: 114

Ion	Ratio	Lower	Upper
117	100		
201	86.0	42.9	128.7