Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006574.D
Acq On : 17 Dec 2018 15:52
Operator : JC/MD
Sample : J6405-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP03-20181210

Quant Time: Dec 18 00:40:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	663644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1072450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	982194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	464896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	370214	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.30%			
35) Dibromofluoromethane	5.50	113	321810	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.70%			
50) Toluene-d8	8.71	98	1266657	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.30%			
62) 4-Bromofluorobenzene	11.13	95	469531	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	1812	0.279	ug/l #	67
6) Chloroethane	1.68	64	1370	0.311	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104604	16.675	ug/l	99
11) Tert butyl alcohol	3.02	59	16756	9.044	ug/l #	76
12) 1,1-Dichloroethene	2.38	96	45432	7.566	ug/l	88
13) Acrolein	2.28	56	552	0.545	ug/l	94
16) Acetone	2.45	43	4740	1.491	ug/l	94
20) Methylene Chloride	2.86	84	1502	0.222	ug/l #	67
24) 1,1-Dichloroethane	3.70	63	14431	1.363	ug/l #	92
27) cis-1,2-Dichloroethene	4.60	96	25409	3.560	ug/l	90
30) Chloroform	5.22	83	14822	1.332	ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	5115	0.483	ug/l #	43
36) 1,1-Dichloropropene	5.66	75	47408	5.249	ug/l #	48
38) Carbon Tetrachloride	5.79	117	15453	1.454	ug/l #	87
39) Methylcyclohexane	7.22	83	164314	14.017	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	2692	0.304	ug/l	90
44) Trichloroethene	7.22	130	13915689	1698.212	ug/l	93
49) 1,4-Dioxane	7.76	88	3624	17.924	ug/l #	69
55) 1,1,2-Trichloroethane	9.22	97	7407	1.025	ug/l	93
60) Dibromochloromethane	9.34	129	23924	2.684	ug/l #	11
64) Tetrachloroethene	9.34	164	24421	3.302	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	213413	23.783	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	213413	55.813	ug/l #	15

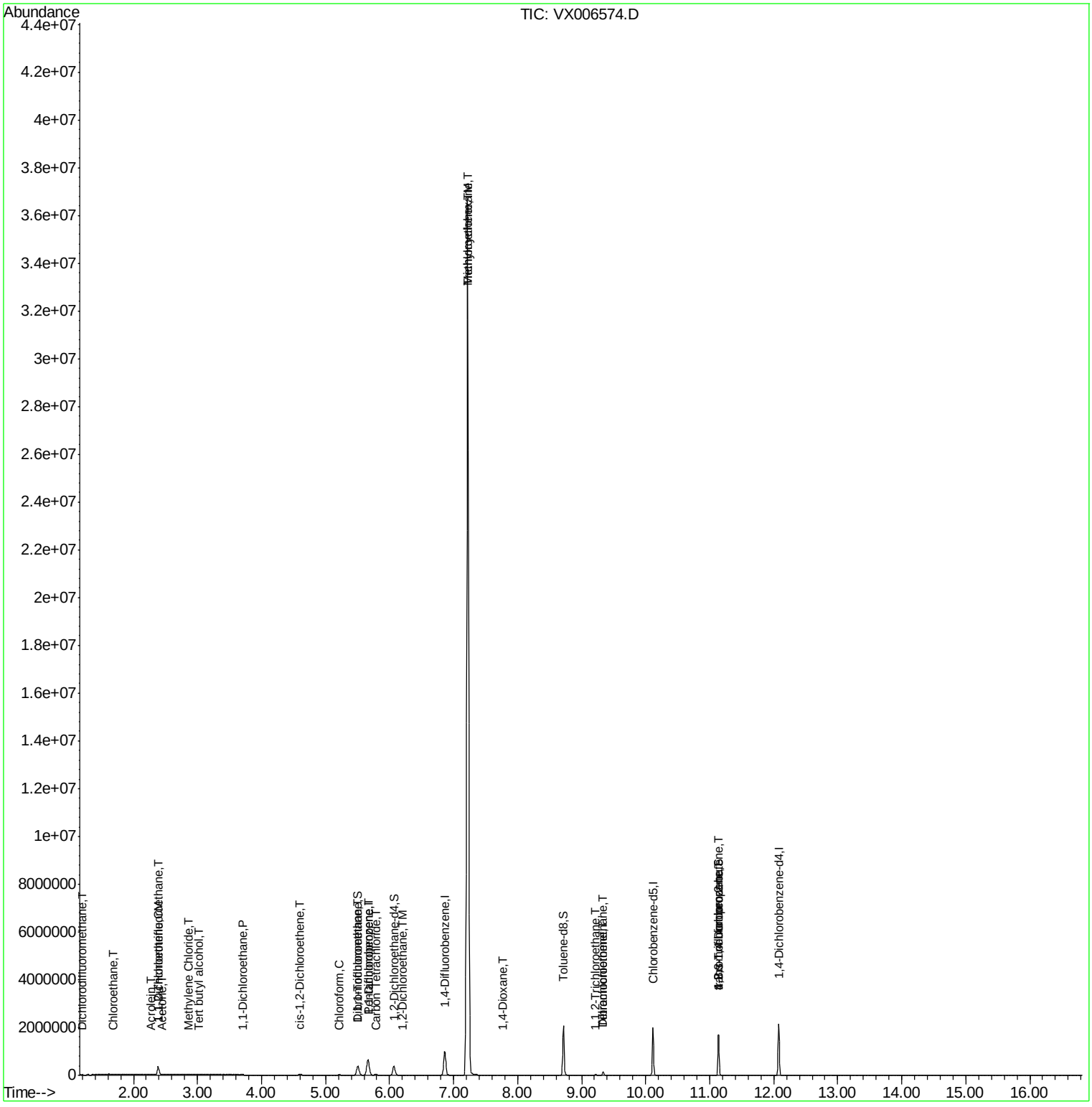
(#) = qualifier out of range (m) = manual integration (+) = signals summed

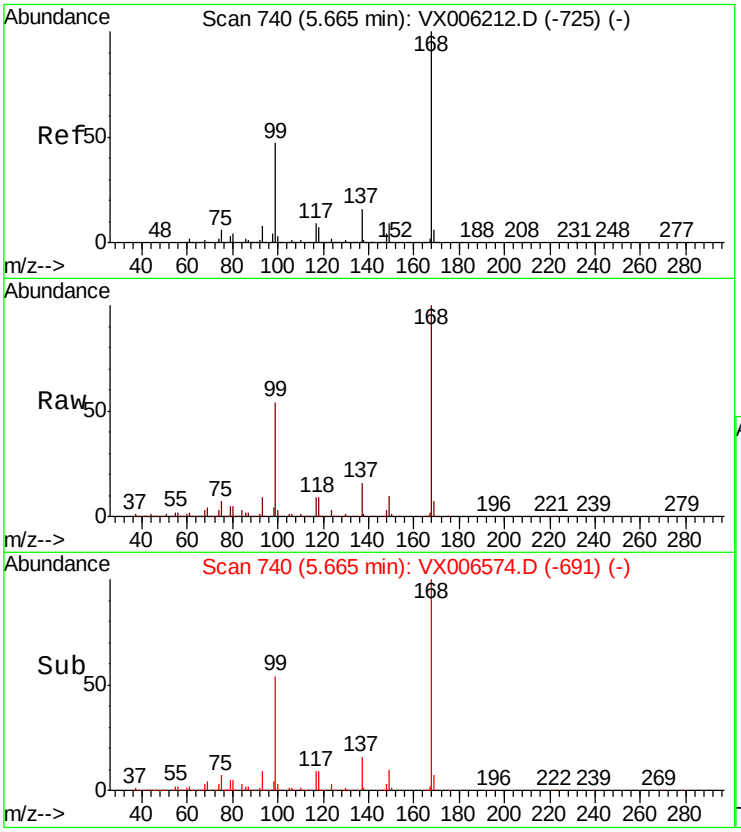
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
Data File : VX006574.D
Acq On : 17 Dec 2018 15:52
Operator : JC/MD
Sample : J6405-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Quant Time: Dec 18 00:40:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



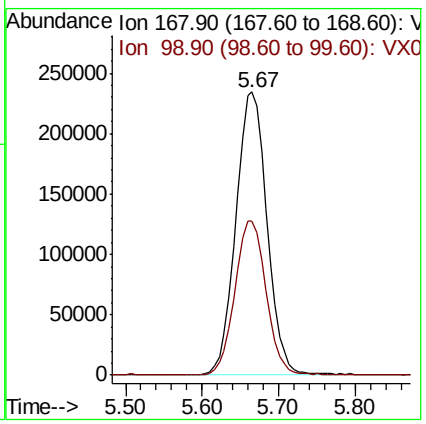


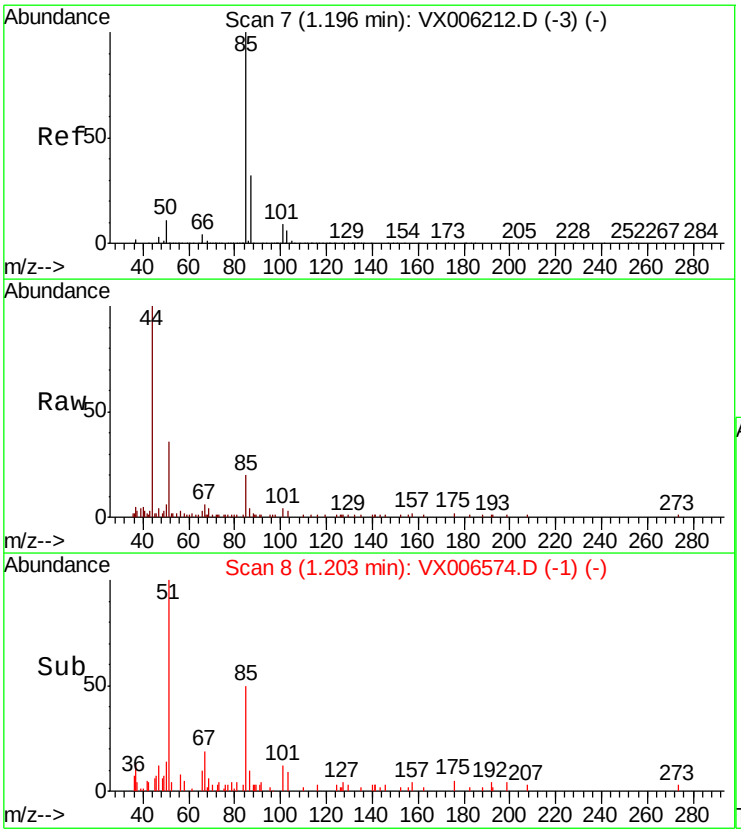
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Tgt Ion:168 Resp: 663644

Ion	Ratio	Lower	Upper
168	100		
99	54.3	37.8	56.8

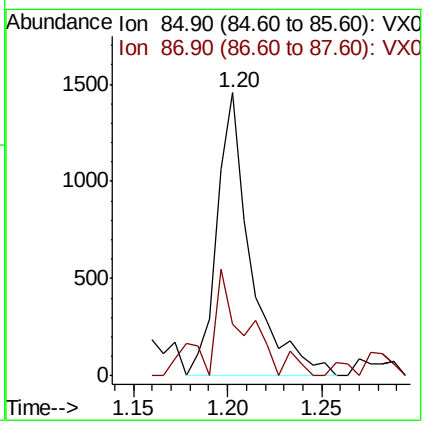


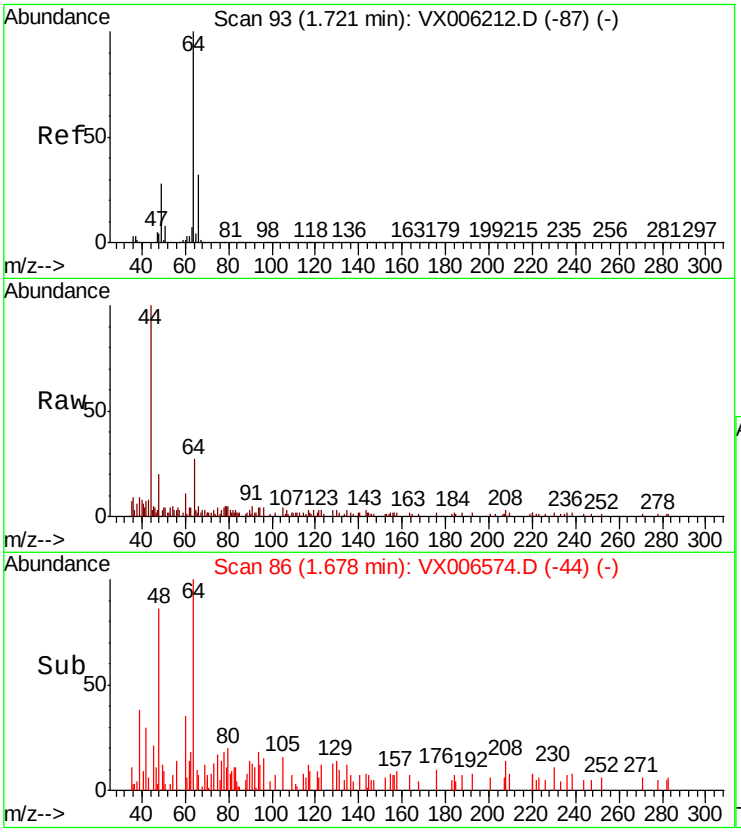


#2
Dichlorodifluoromethane
Concen: 0.279 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 85 Resp: 1812

Ion	Ratio	Lower	Upper
85	100		
87	13.7	16.1	48.2#



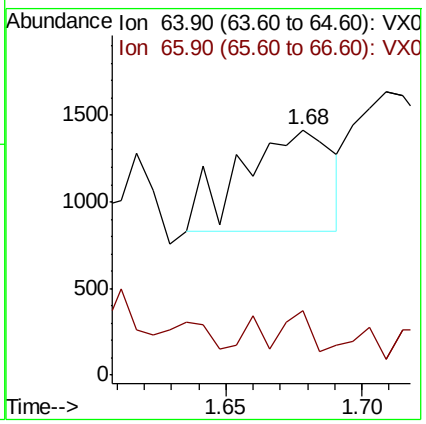


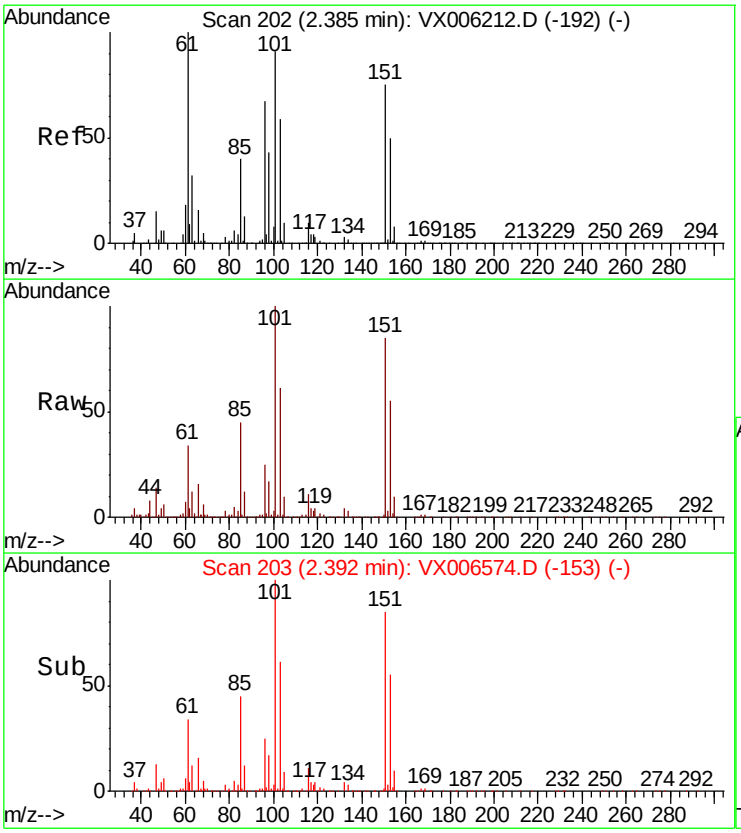
#6
Chloroethane
Concen: 0.311 ug/l
RT: 1.68 min Scan# 86
Delta R.T. -0.04 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Tgt Ion: 64 Resp: 1370

Ion	Ratio	Lower	Upper
64	100		
66	33.0	25.9	38.9

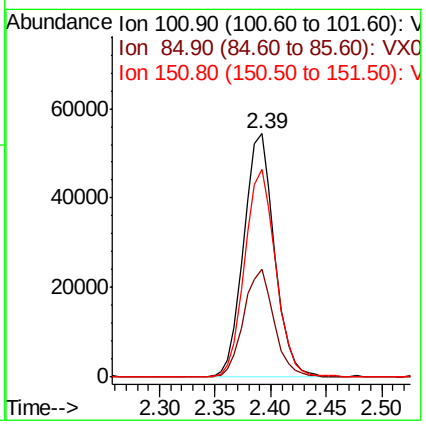


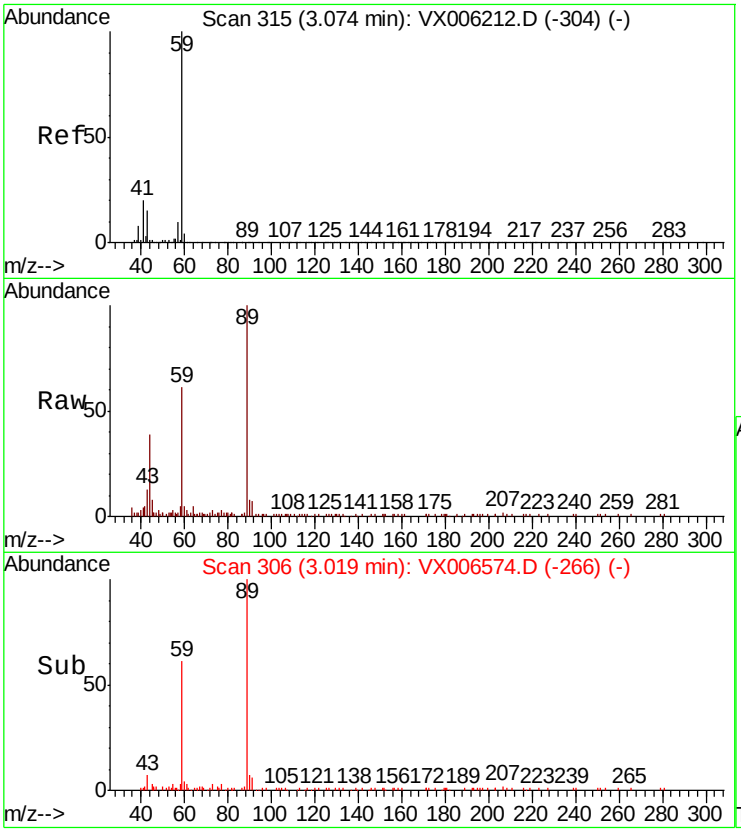


#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.675 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion:101 Resp: 104604

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.5	53.3
151	86.4	68.6	103.0



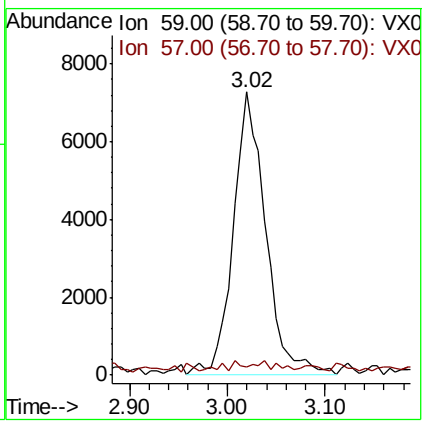


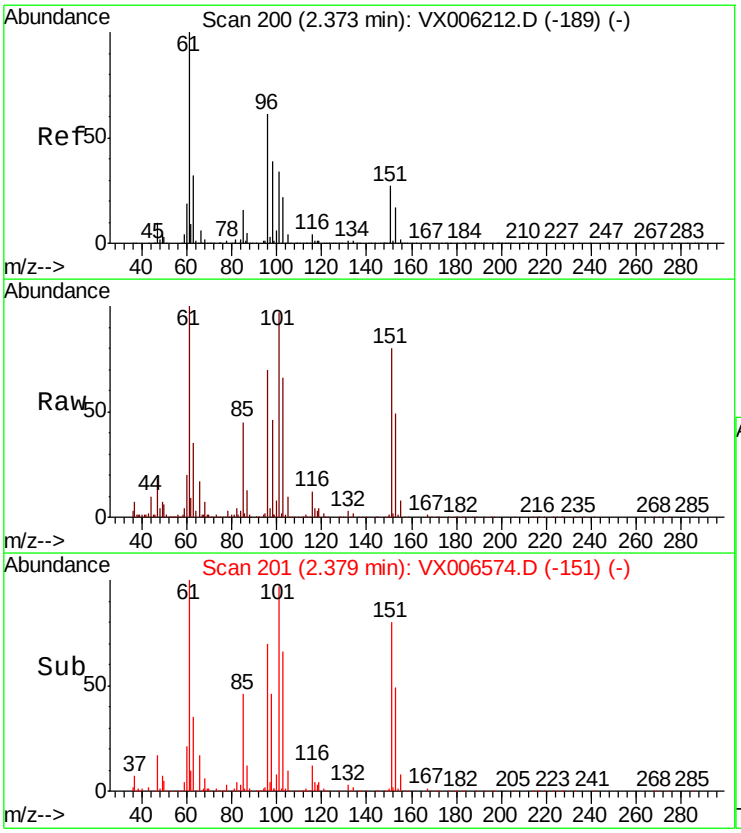
#11
Tert butyl alcohol
Concen: 9.044 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Tgt Ion: 59 Resp: 16756

Ion	Ratio	Lower	Upper
59	100		
57	1.2	8.2	12.2#

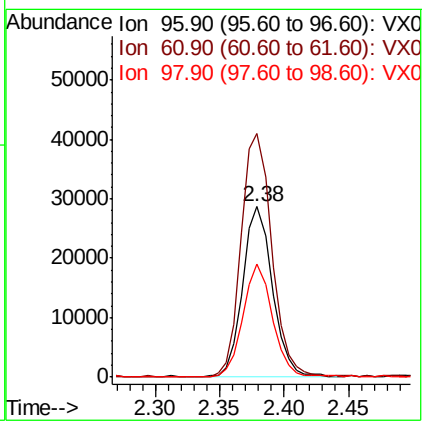


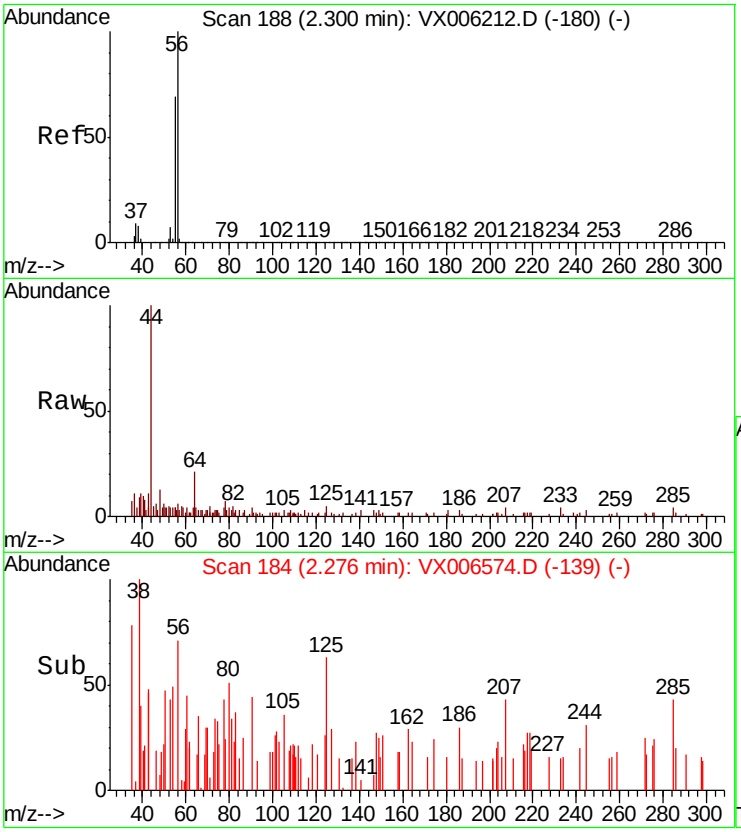


#12
1,1-Dichloroethene
Concen: 7.566 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 96 Resp: 45432

Ion	Ratio	Lower	Upper
96	100		
61	143.2	131.7	197.5
98	66.2	51.8	77.6

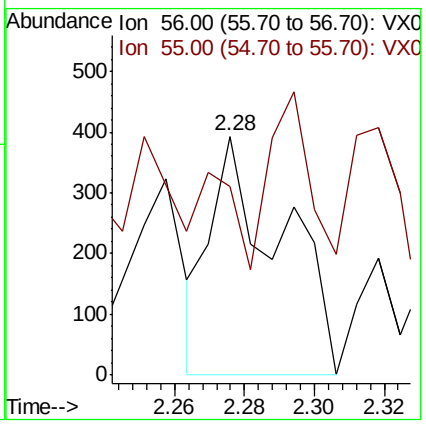




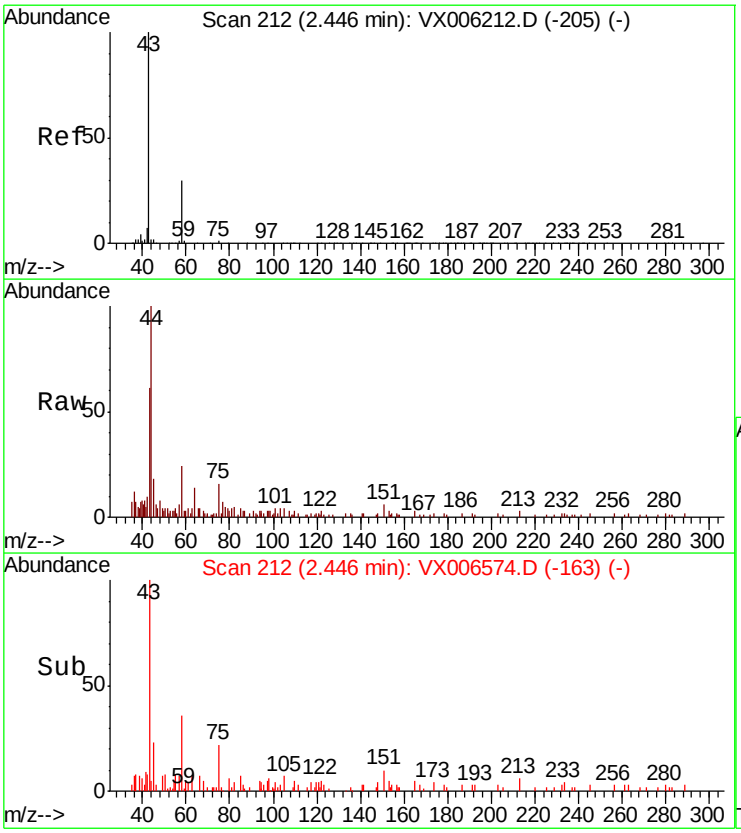
#13
Acrolein
Concen: 0.545 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 56 Resp: 552

Ion	Ratio	Lower	Upper
56	100		
55	67.6	57.8	86.6



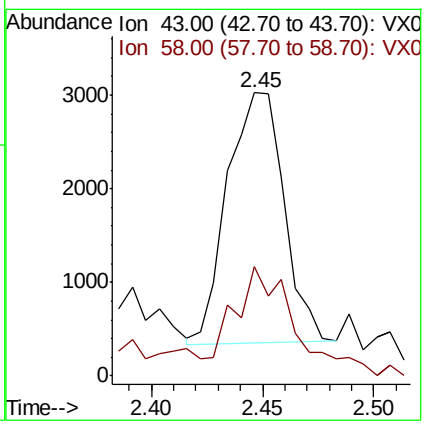
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

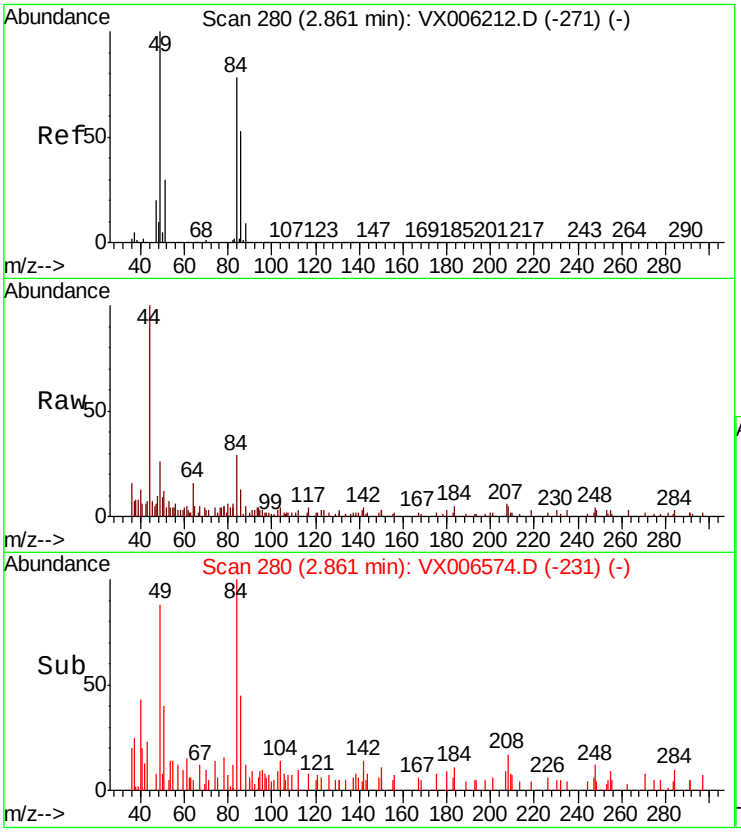


#16
Acetone
Concen: 1.491 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 43 Resp: 4740

Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.0	36.0



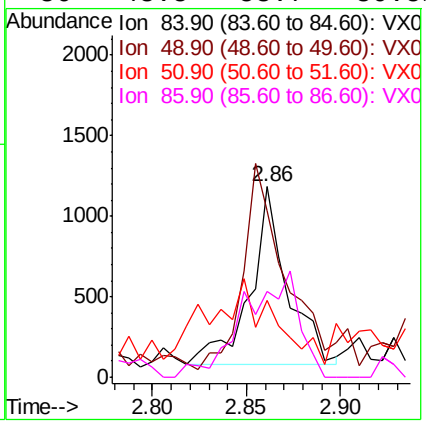


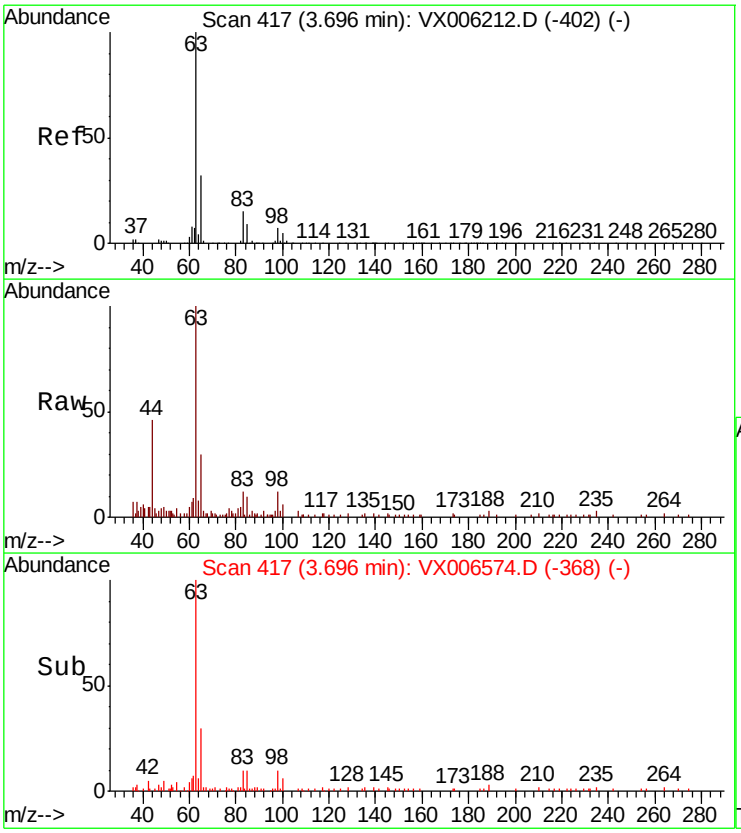
#20
Methylene Chloride
Concen: 0.222 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument : MSVOA_X
ClientSampleId : DUP03-20181210

Tgt Ion: 84 Resp: 1502

Ion	Ratio	Lower	Upper
84	100		
49	85.7	102.2	153.4#
51	14.3	31.1	46.7#
86	48.5	53.7	80.5#

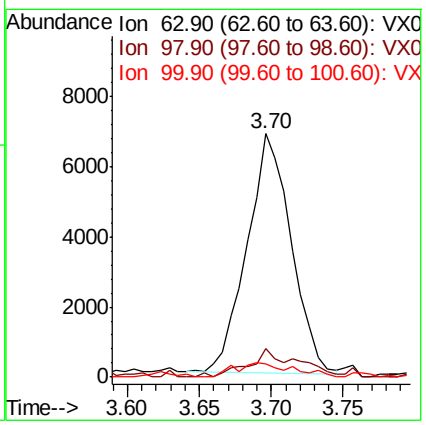


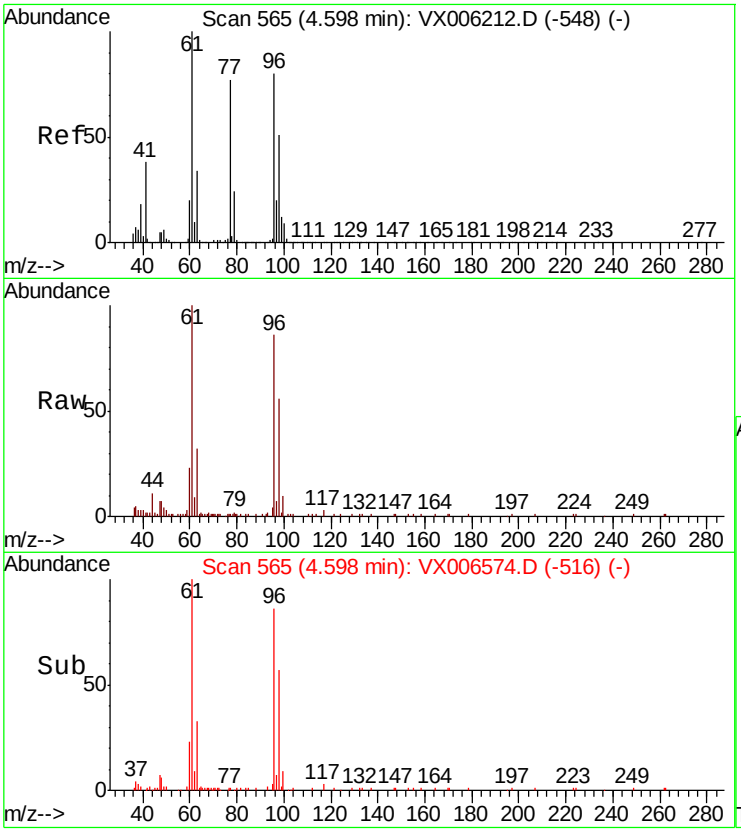


#24
1,1-Dichloroethane
Concen: 1.363 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 63 Resp: 14431

Ion	Ratio	Lower	Upper
63	100		
98	12.0	3.8	11.4#
100	5.7	2.5	7.4



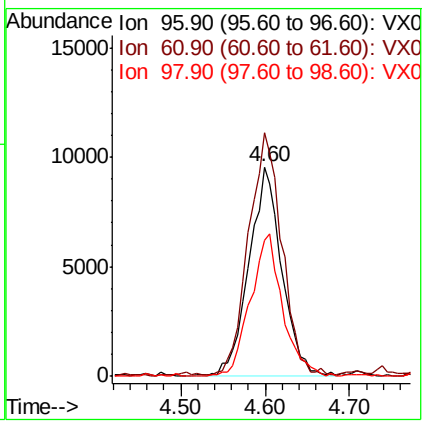


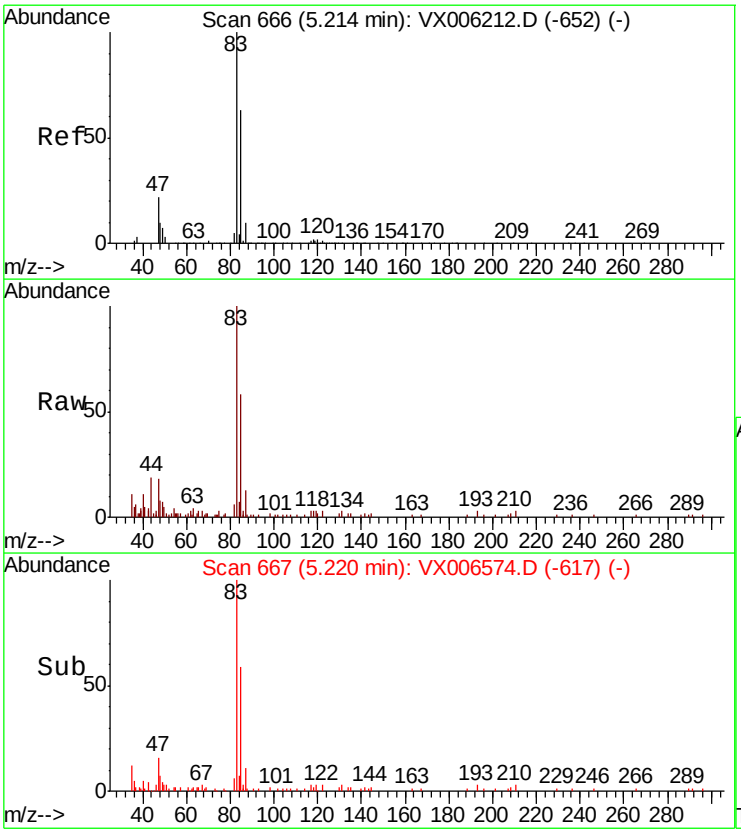
#27
cis-1,2-Dichloroethene
Concen: 3.560 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Tgt Ion: 96 Resp: 25409

Ion	Ratio	Lower	Upper
96	100		
61	116.3	0.0	265.0
98	66.7	0.0	130.2

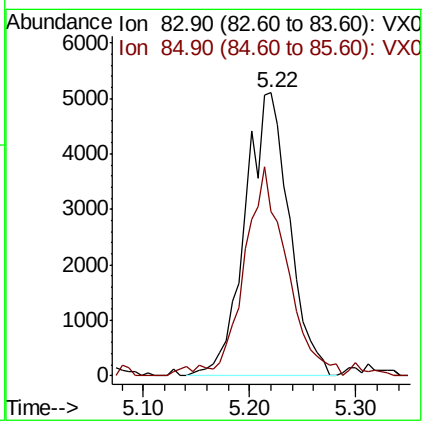


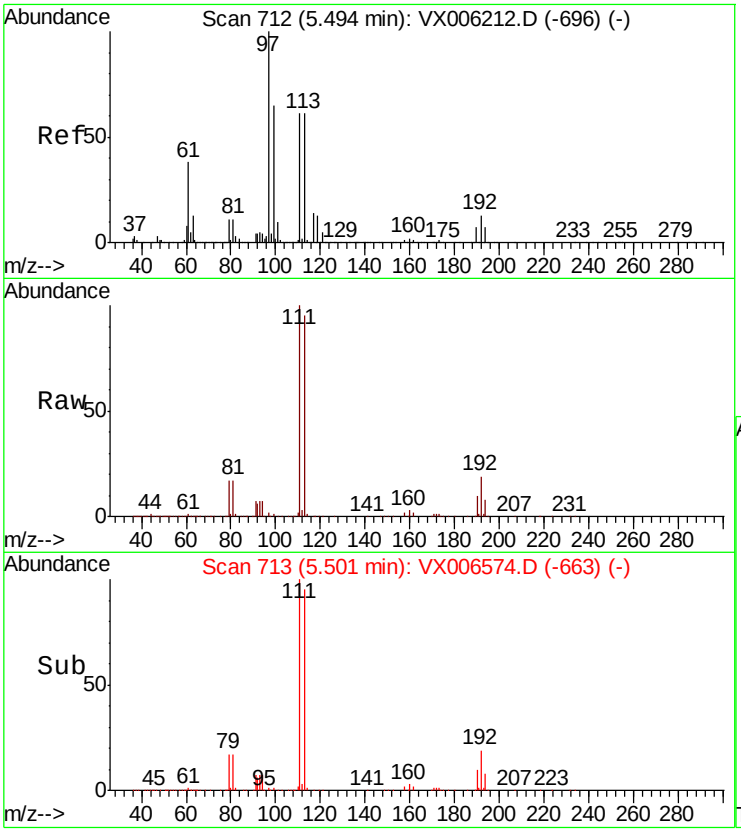


#30
Chloroform
Concen: 1.332 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 83 Resp: 14822

Ion	Ratio	Lower	Upper
83	100		
85	54.9	50.3	75.5



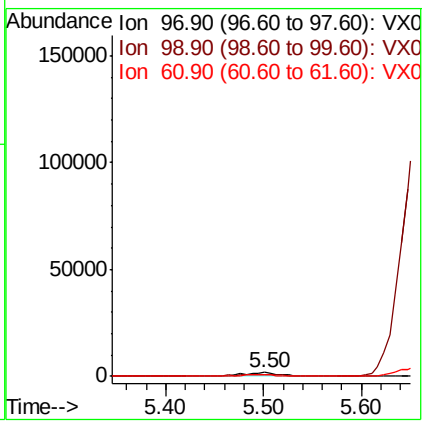


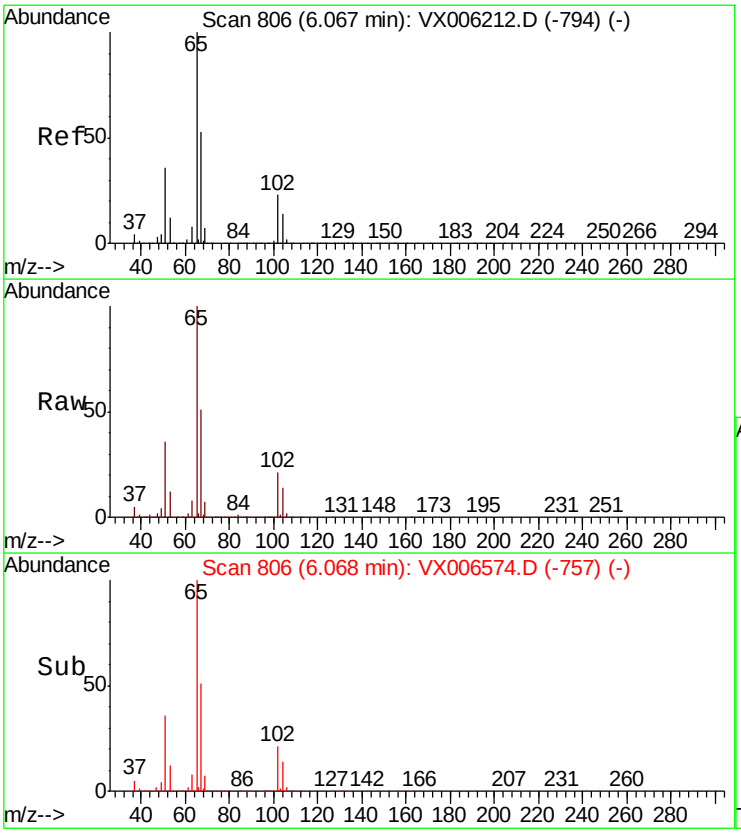
#32
1,1,1-Trichloroethane
Concen: 0.483 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument : MSVOA_X
ClientSampleId : DUP03-20181210

Tgt Ion: 97 Resp: 5115

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	47.9	30.6	46.0#

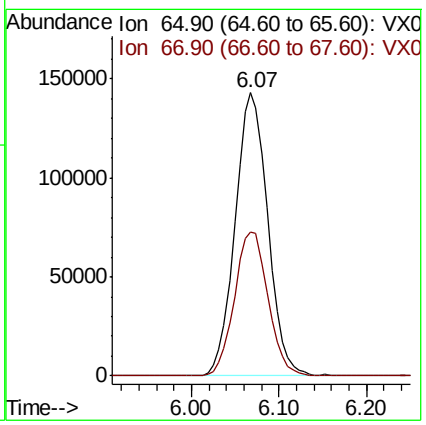


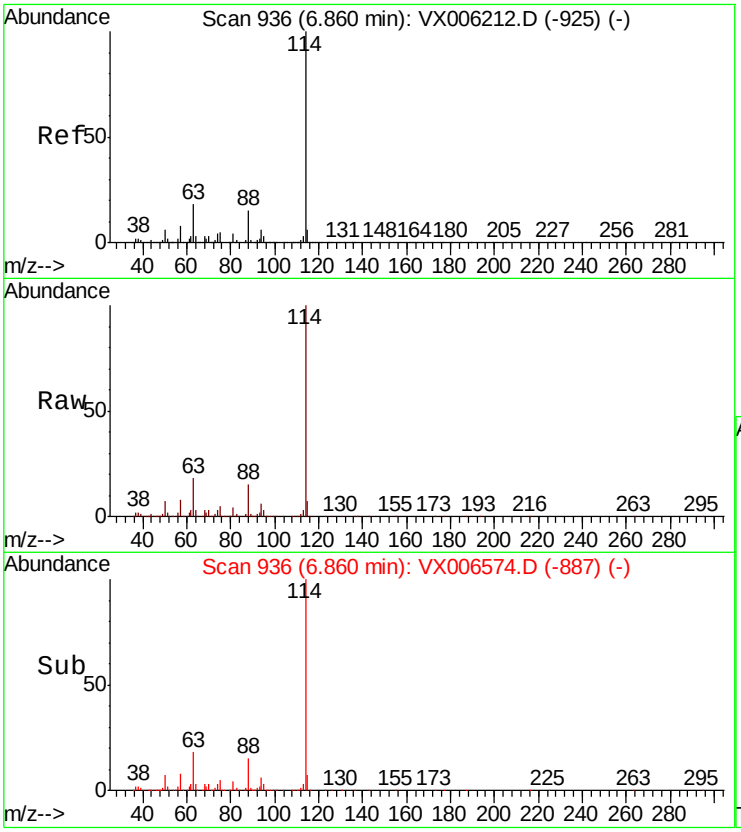


#33
1,2-Dichloroethane-d4
Concen: 54.646 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 65 Resp: 370214

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.2



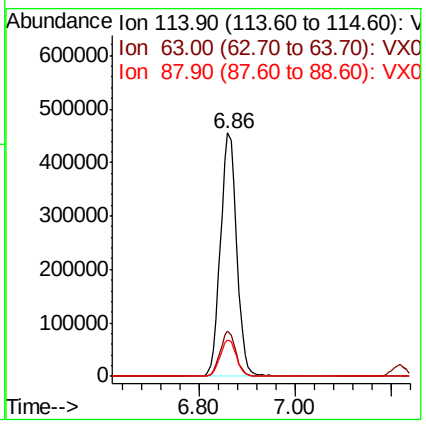


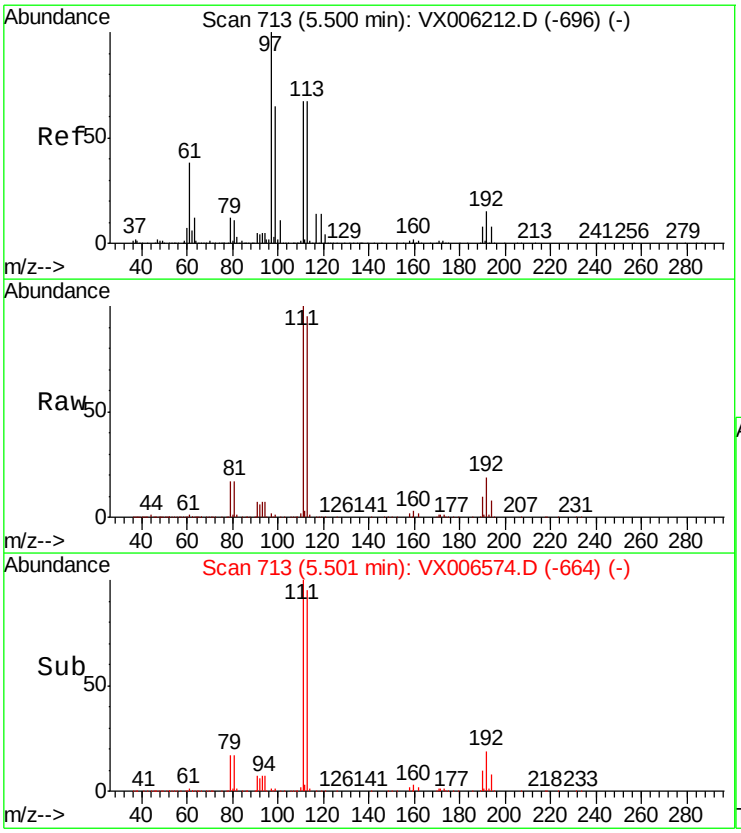
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Tgt Ion:114 Resp: 1072450

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.6
88	15.1	0.0	29.0

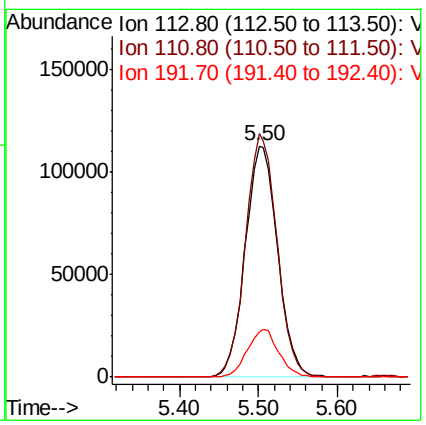


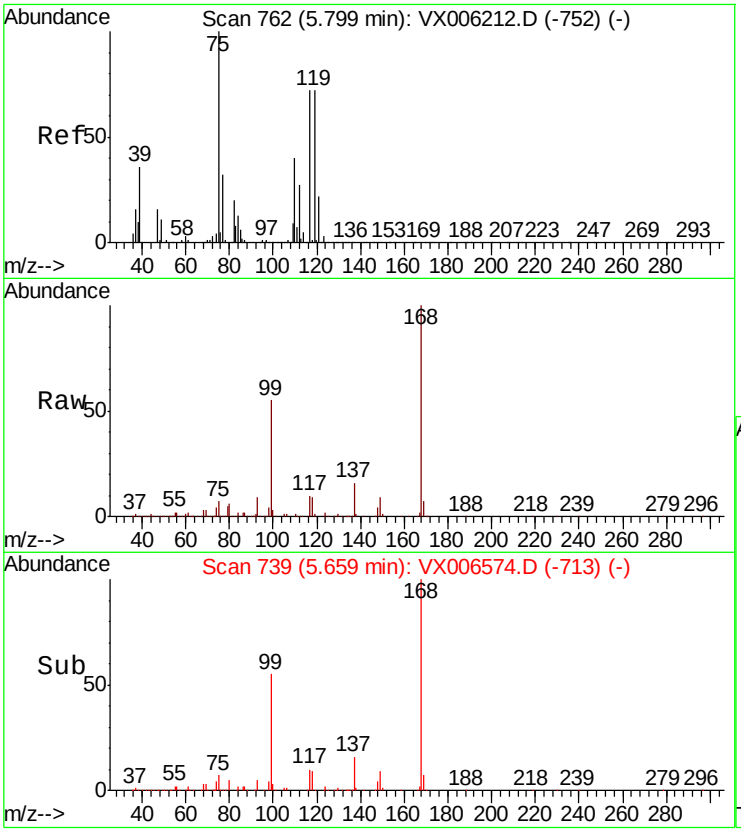


#35
Dibromofluoromethane
Concen: 46.346 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion:113 Resp: 321810

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	20.2	18.2	27.2



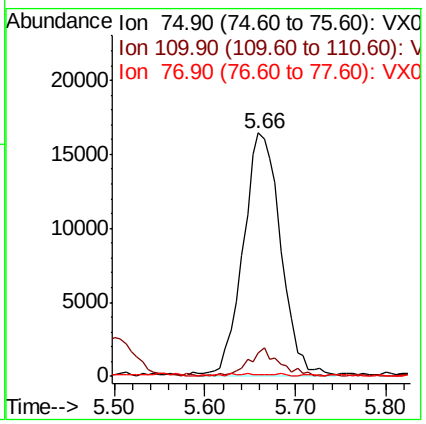


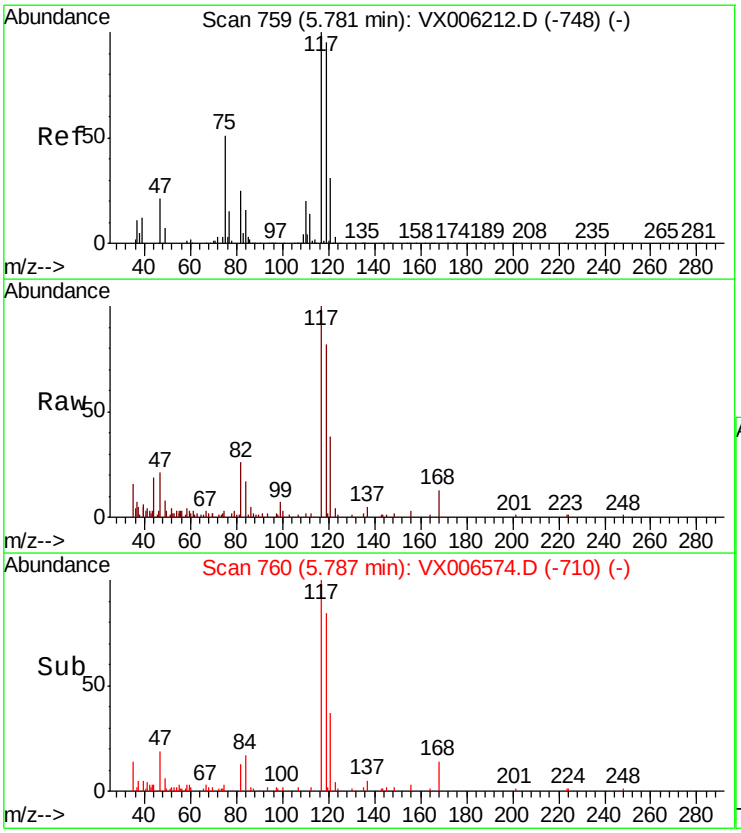
#36
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Tgt Ion: 75 Resp: 47408

Ion	Ratio	Lower	Upper
75	100		
110	9.9	20.4	61.3#
77	0.8	24.9	37.3#

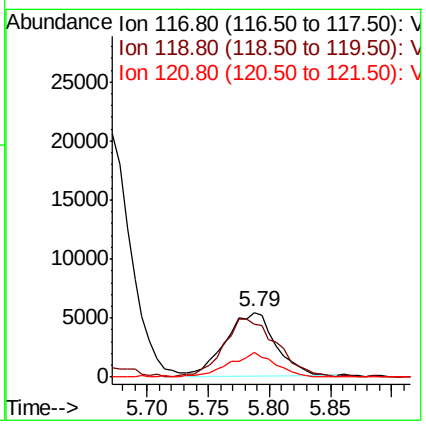


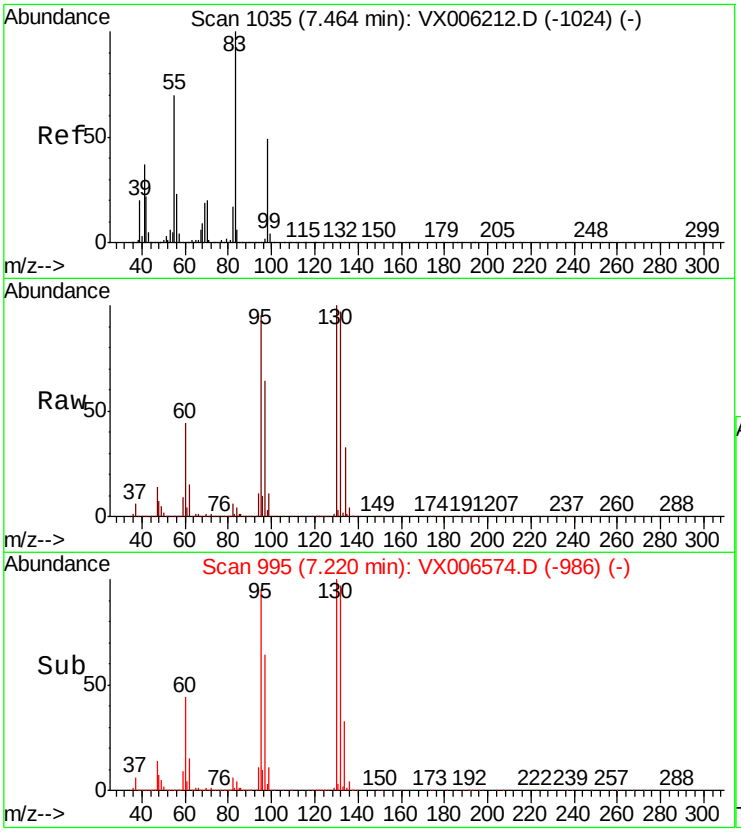


#38
Carbon Tetrachloride
Concen: 1.454 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion:117 Resp: 15453

Ion	Ratio	Lower	Upper
117	100		
119	81.8	75.8	113.8
121	38.3	24.6	37.0#



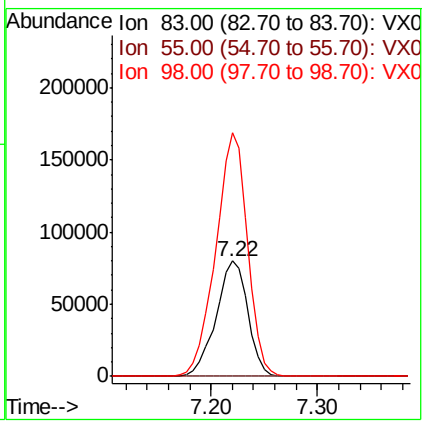


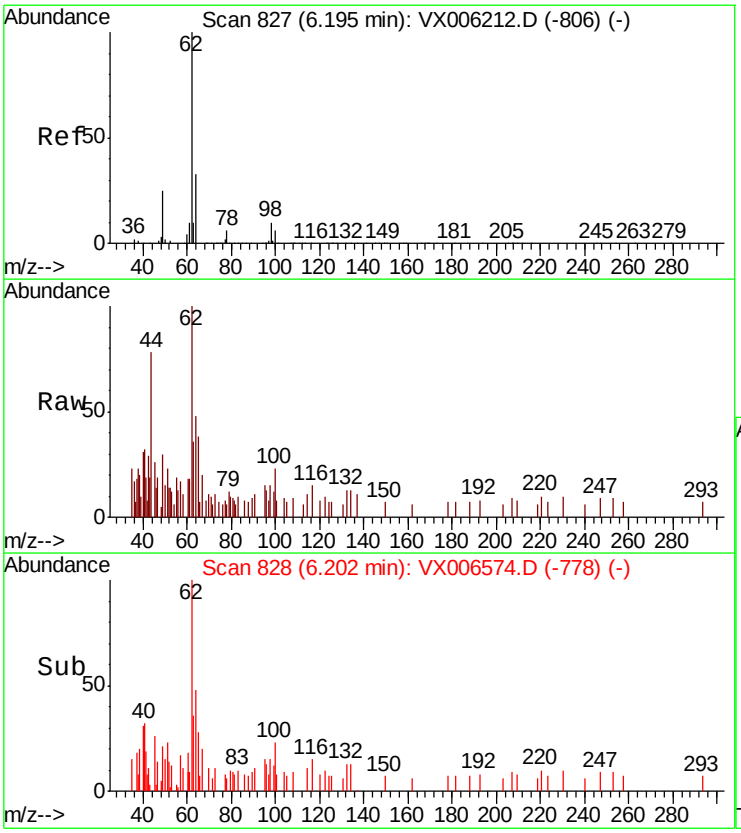
#39
Methylcyclohexane
Concen: 14.017 ug/l
RT: 7.22 min Scan# 995
Delta R.T. -0.24 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Tgt Ion: 83 Resp: 164314

Ion	Ratio	Lower	Upper
83	100		
55	0.4	56.4	84.6#
98	211.3	39.0	58.6#

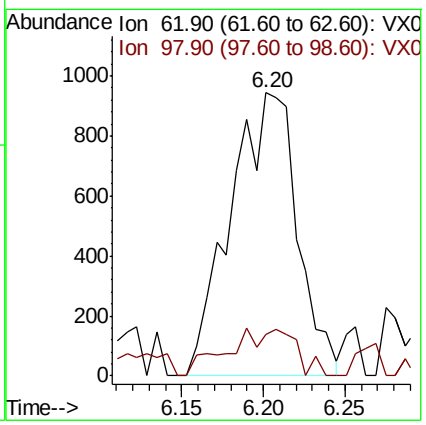


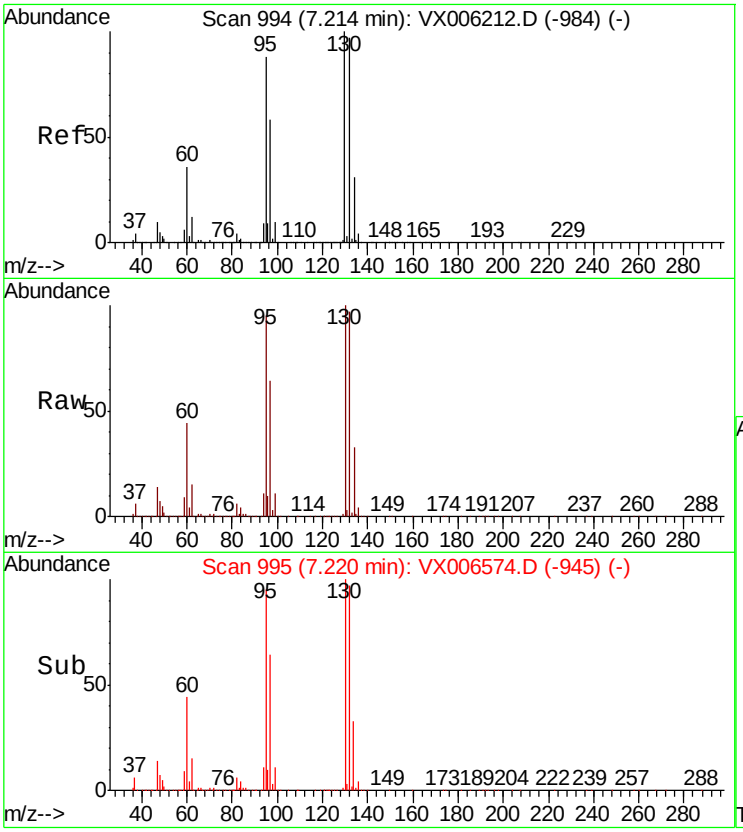


#42
1,2-Dichloroethane
Concen: 0.304 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 62 Resp: 2692

Ion	Ratio	Lower	Upper
62	100		
98	13.9	0.0	20.2



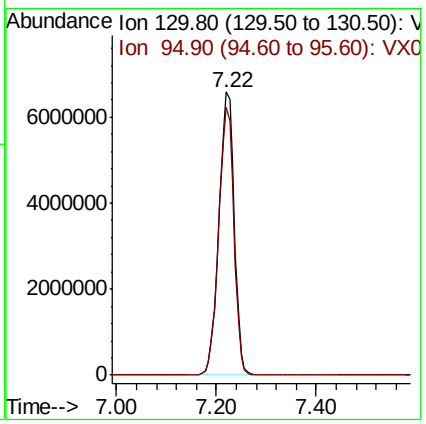


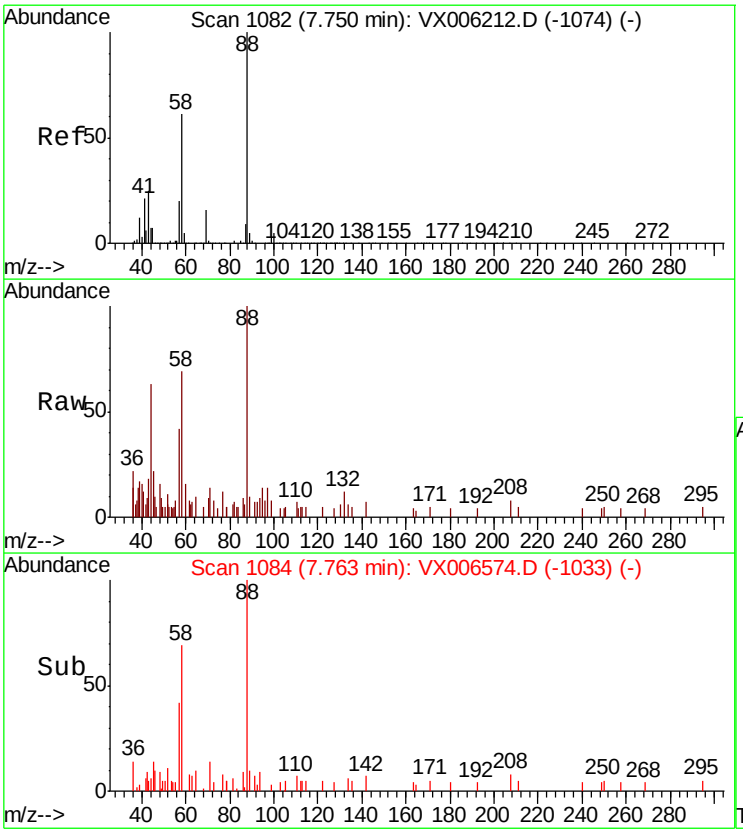
#44
Trichloroethene
Concen: 1698.212 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Tgt Ion:130 Resp:13915689

Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	175.8

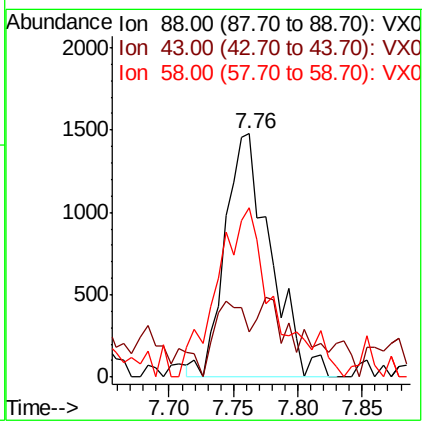


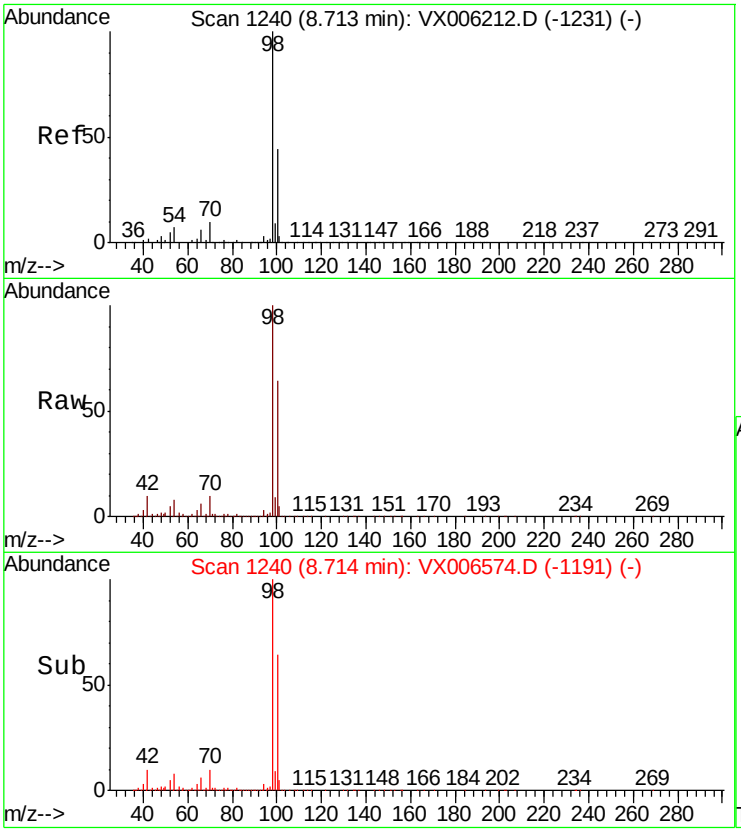


#49
1,4-Dioxane
Concen: 17.924 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 88 Resp: 3624

Ion	Ratio	Lower	Upper
88	100		
43	11.1	23.2	34.8#
58	88.0	51.4	77.0#



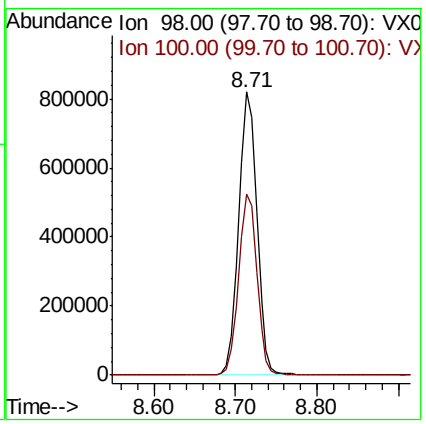


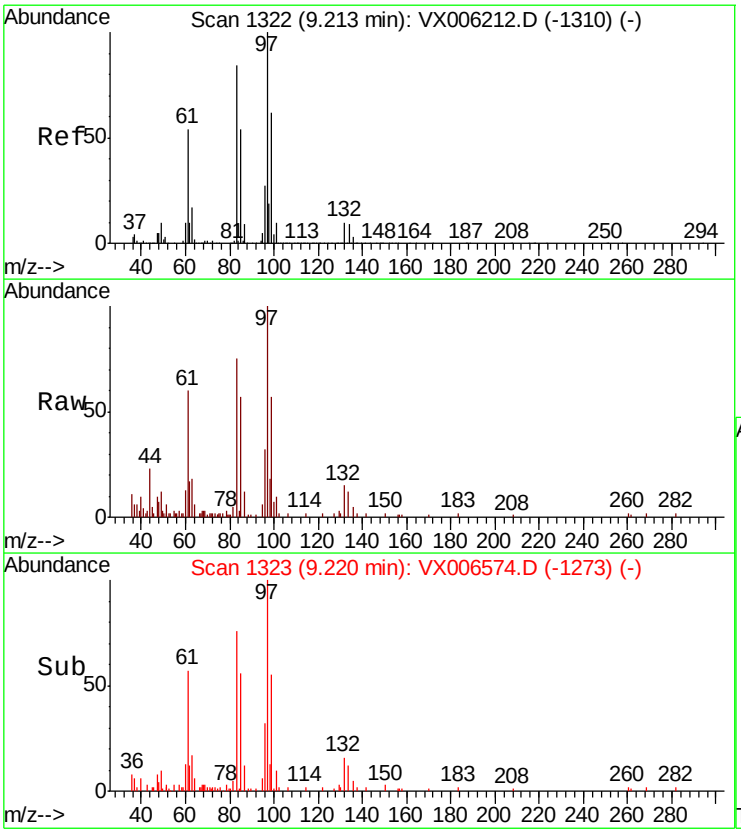
#50
Toluene-d8
Concen: 50.150 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument : MSVOA_X
ClientSampleId : DUP03-20181210

Tgt Ion: 98 Resp: 1266657

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.2

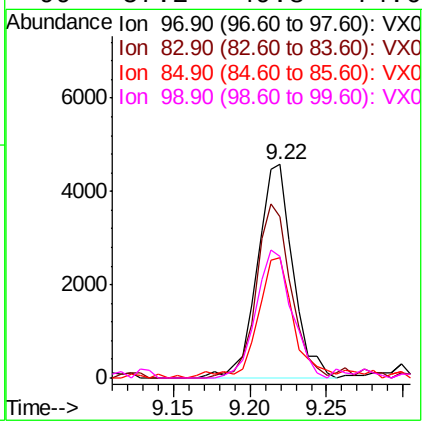


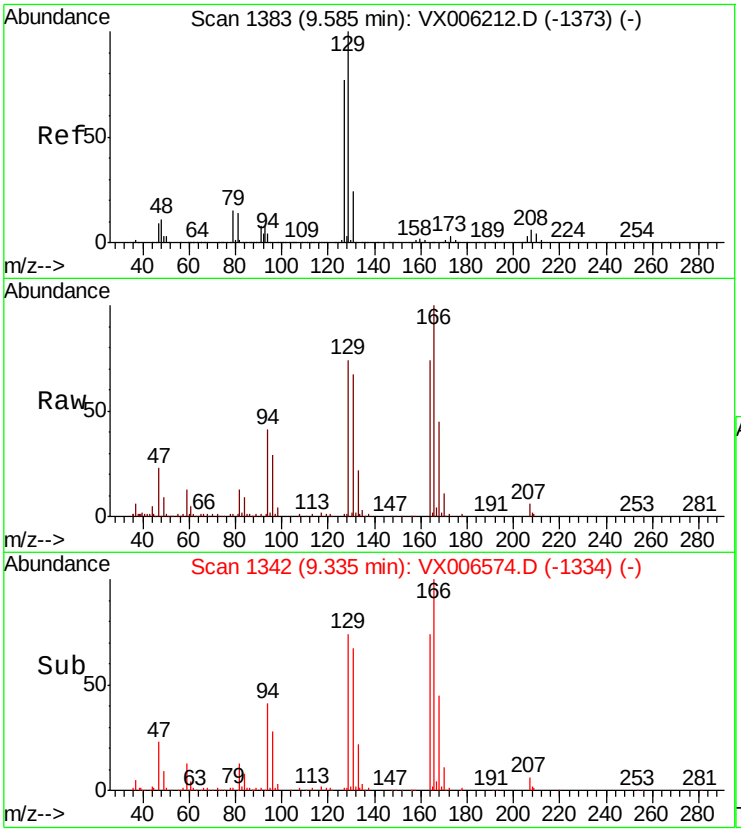


#55
1,1,2-Trichloroethane
Concen: 1.025 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 97 Resp: 7407

Ion	Ratio	Lower	Upper
97	100		
83	75.3	67.1	100.7
85	56.5	43.2	64.8
99	57.2	49.8	74.6



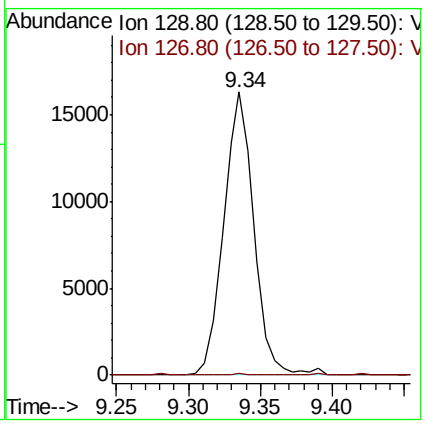


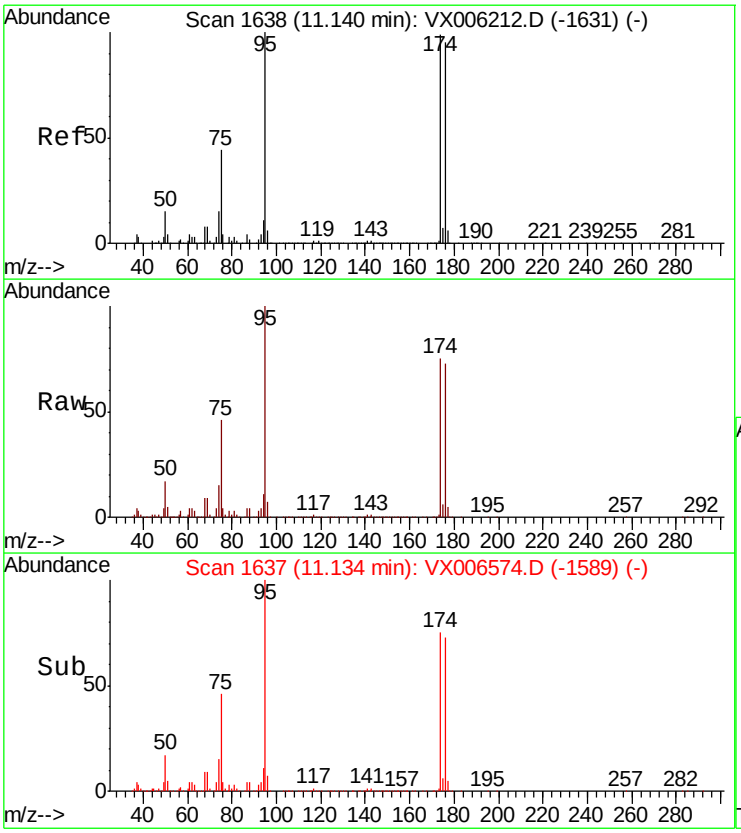
#60
Dibromochloromethane
Concen: 2.684 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Tgt Ion:129 Resp: 23924

Ion	Ratio	Lower	Upper
129	100		
127	0.3	38.6	115.8#

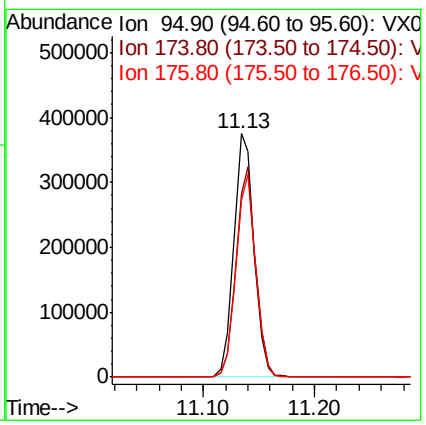


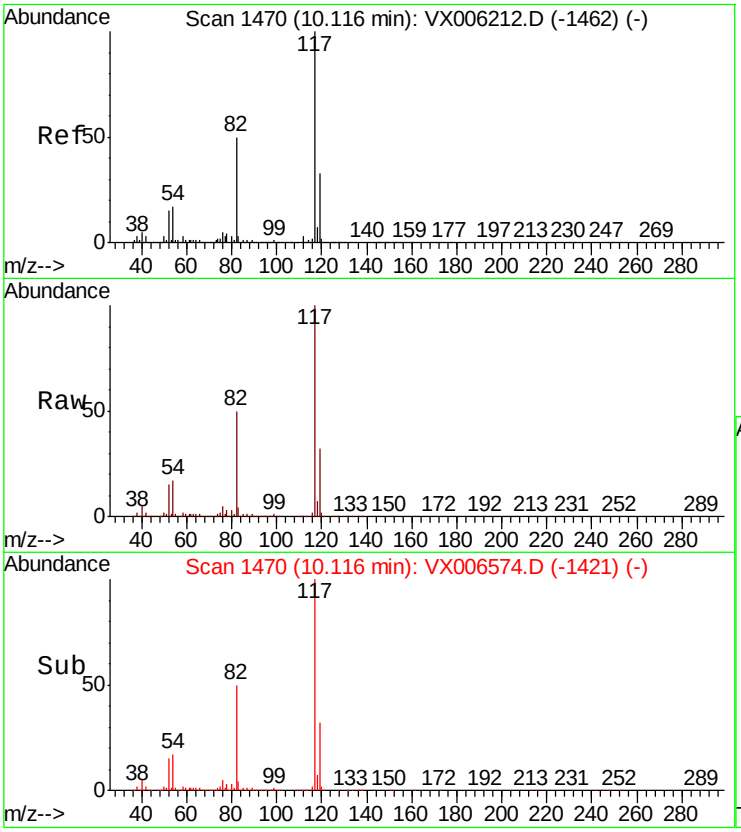


#62
4-Bromofluorobenzene
Concen: 49.333 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 95 Resp: 469531

Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	187.0
176	81.3	0.0	181.8



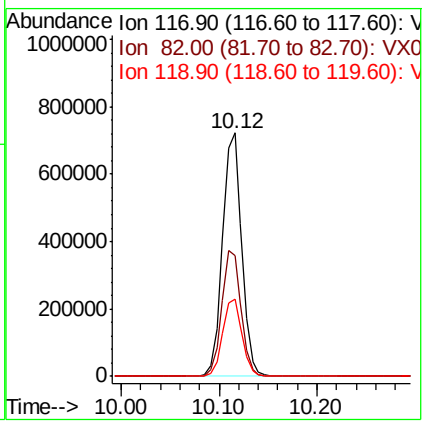


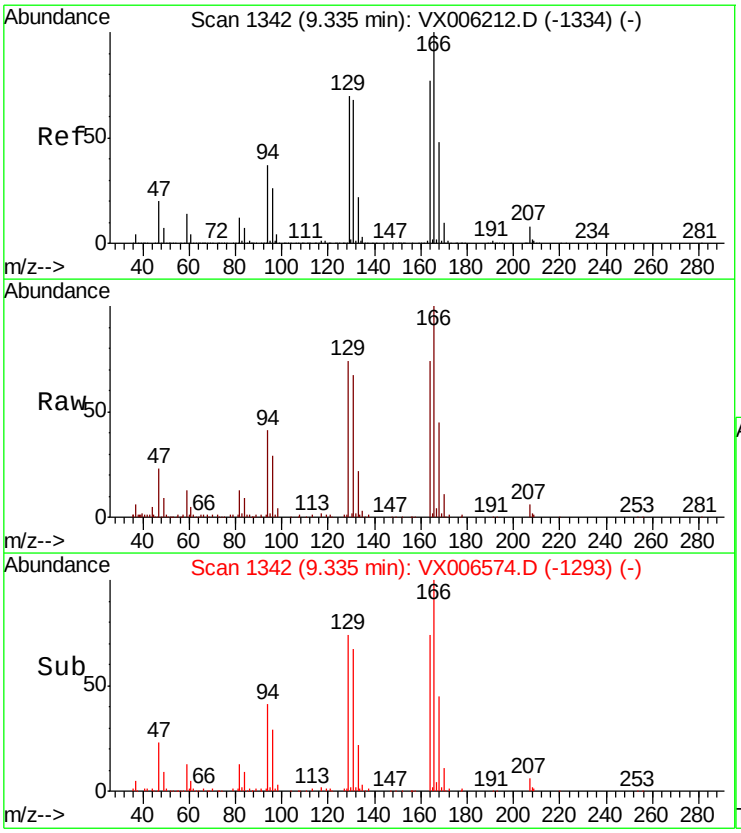
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument : MSVOA_X
ClientSampleId : DUP03-20181210

Tgt Ion:117 Resp: 982194

Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.6	59.4
119	31.9	26.3	39.5

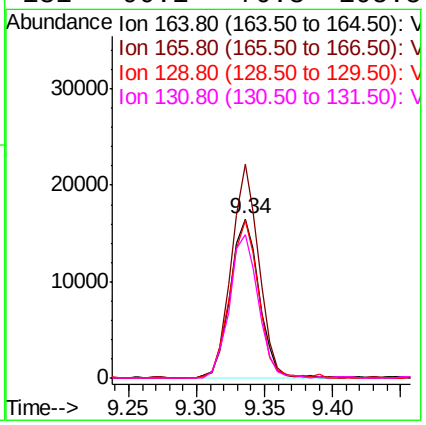


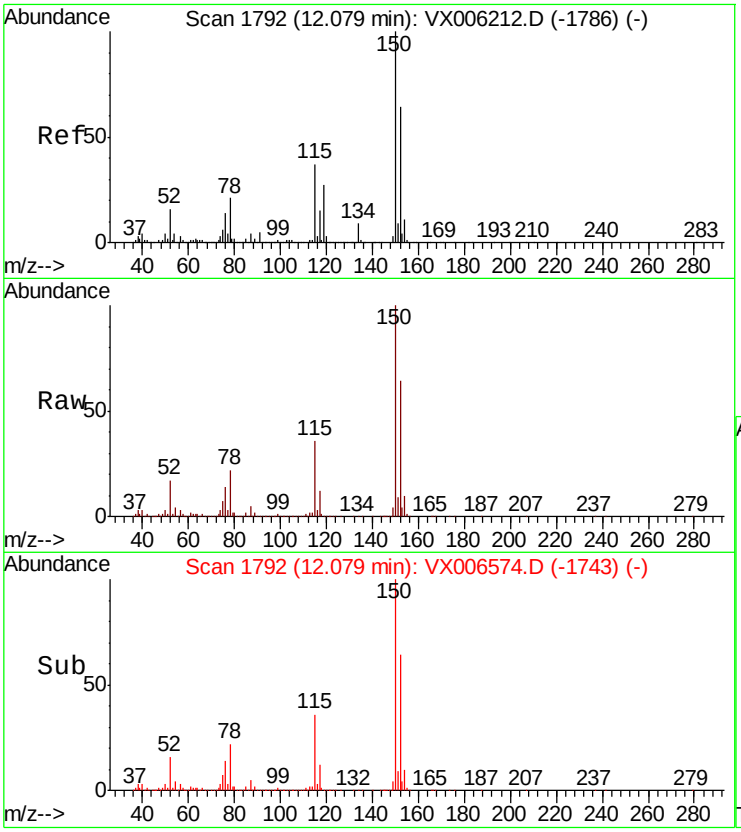


#64
Tetrachloroethene
Concen: 3.302 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion:164 Resp: 24421

Ion	Ratio	Lower	Upper
164	100		
166	134.3	104.2	156.2
129	98.8	72.6	108.8
131	90.1	70.3	105.5



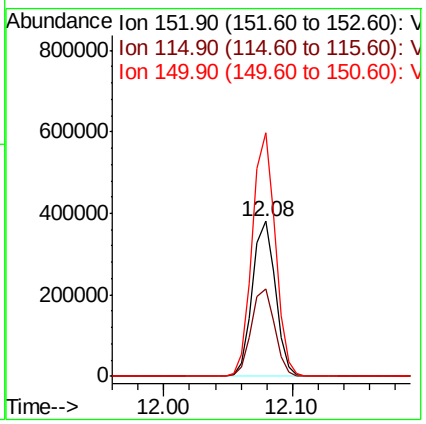


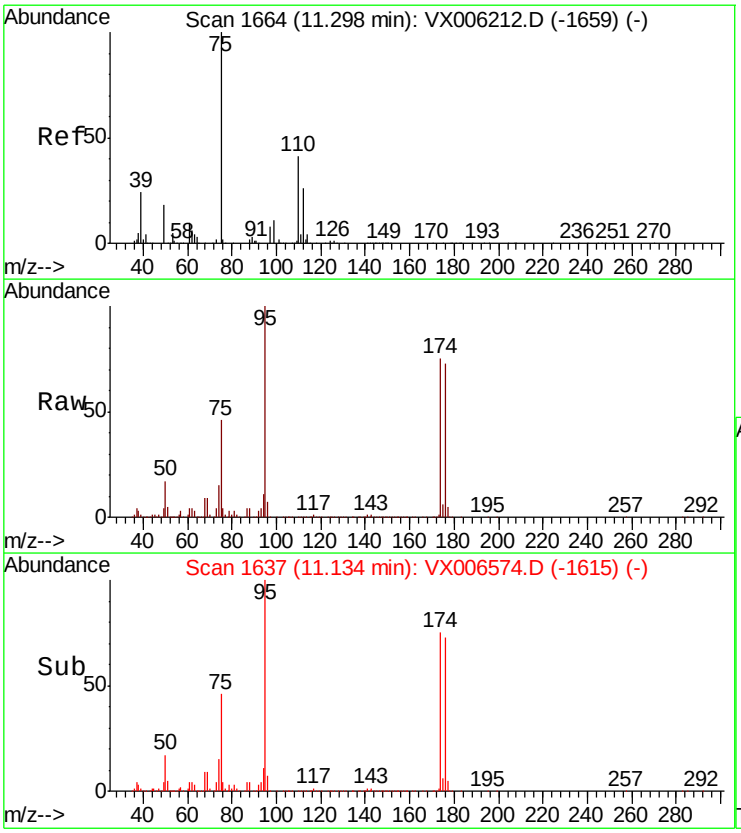
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument : MSVOA_X
ClientSampleId : DUP03-20181210

Tgt Ion:152 Resp: 464896

Ion	Ratio	Lower	Upper
152	100		
115	57.5	39.0	116.9
150	157.1	0.0	345.8

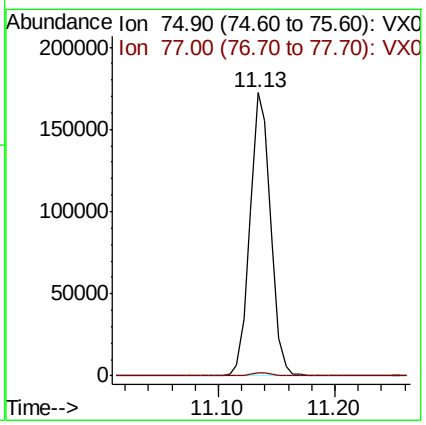


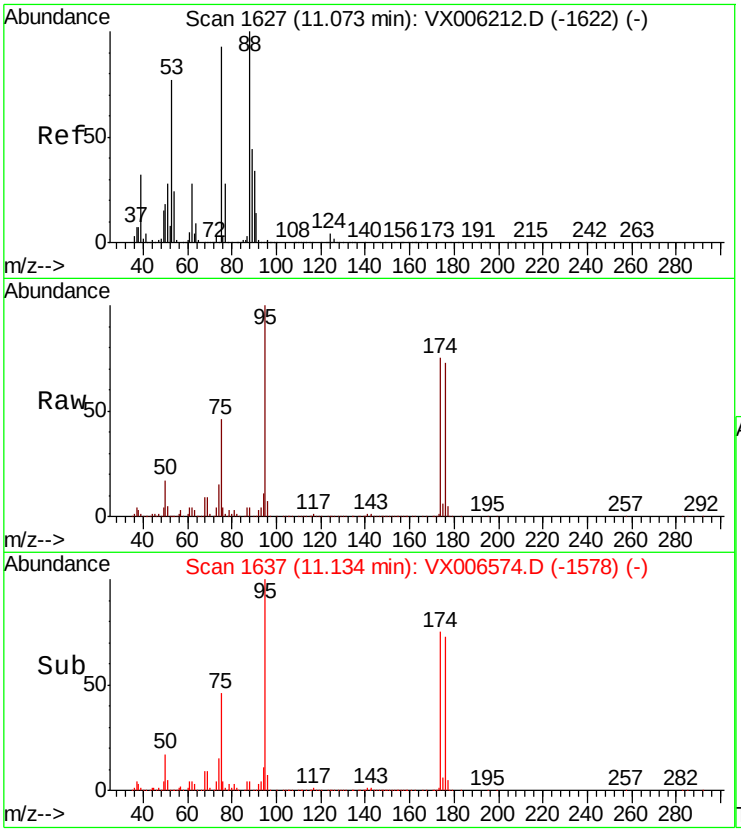


#76
1,2,3-Trichloropropane
Concen: 23.783 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Tgt Ion: 75 Resp: 213413

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.9	59.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 55.813 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006574.D
Acq: 17 Dec 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20181210

Tgt Ion: 75 Resp: 213413

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.4	96.6#
89	0.0	44.2	66.4#