Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006573.D
Acq On : 17 Dec 2018 15:25
Operator : JC/MD
Sample : J6405-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE108D2-20181210

Quant Time: Dec 18 00:39:57 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	688359	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	1097072	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	1000023	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	475620	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	384007	54.65	ug/l		0.00
Spiked Amount 50.000			Recovery =	109.30%			
35) Dibromofluoromethane	5.50	113	336127	47.32	ug/l		0.00
Spiked Amount 50.000			Recovery =	94.64%			
50) Toluene-d8	8.71	98	1285625	49.76	ug/l		0.00
Spiked Amount 50.000			Recovery =	99.52%			
62) 4-Bromofluorobenzene	11.13	95	470294	48.30	ug/l		0.00
Spiked Amount 50.000			Recovery =	96.60%			
Target Compounds							Qvalue
6) Chloroethane	1.76	64	1023	0.224	ug/l	#	64
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38685	5.946	ug/l		99
12) 1,1-Dichloroethene	2.38	96	33439	5.369	ug/l		96
16) Acetone	2.45	43	2012	0.610	ug/l		90
20) Methylene Chloride	2.86	84	1756	0.250	ug/l	#	70
24) 1,1-Dichloroethane	3.70	63	38376	3.494	ug/l		100
27) cis-1,2-Dichloroethene	4.60	96	55403	7.483	ug/l		89
29) Tetrahydrofuran	5.17	42	4757	1.455	ug/l	#	86
30) Chloroform	5.21	83	28954	2.508	ug/l		99
32) 1,1,1-Trichloroethane	5.49	97	6052	0.551	ug/l	#	41
36) 1,1-Dichloropropene	5.67	75	46447	5.028	ug/l	#	48
38) Carbon Tetrachloride	5.79	117	11842	1.090	ug/l	#	84
39) Methylcyclohexane	7.23	83	312729	26.078	ug/l	#	1
42) 1,2-Dichloroethane	6.21	62	3267	0.361	ug/l		87
44) Trichloroethene	7.22	130	21784686	2598.846	ug/l		87
49) 1,4-Dioxane	7.76	88	2775	13.417	ug/l	#	88
55) 1,1,2-Trichloroethane	9.21	97	9607	1.299	ug/l	#	86
60) Dibromochloromethane	9.34	129	24563	2.694	ug/l	#	11
64) Tetrachloroethene	9.34	164	26493	3.518	ug/l		94
76) 1,2,3-Trichloropropane	11.13	75	220488	24.018	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.13	75	220488	56.363	ug/l	#	15

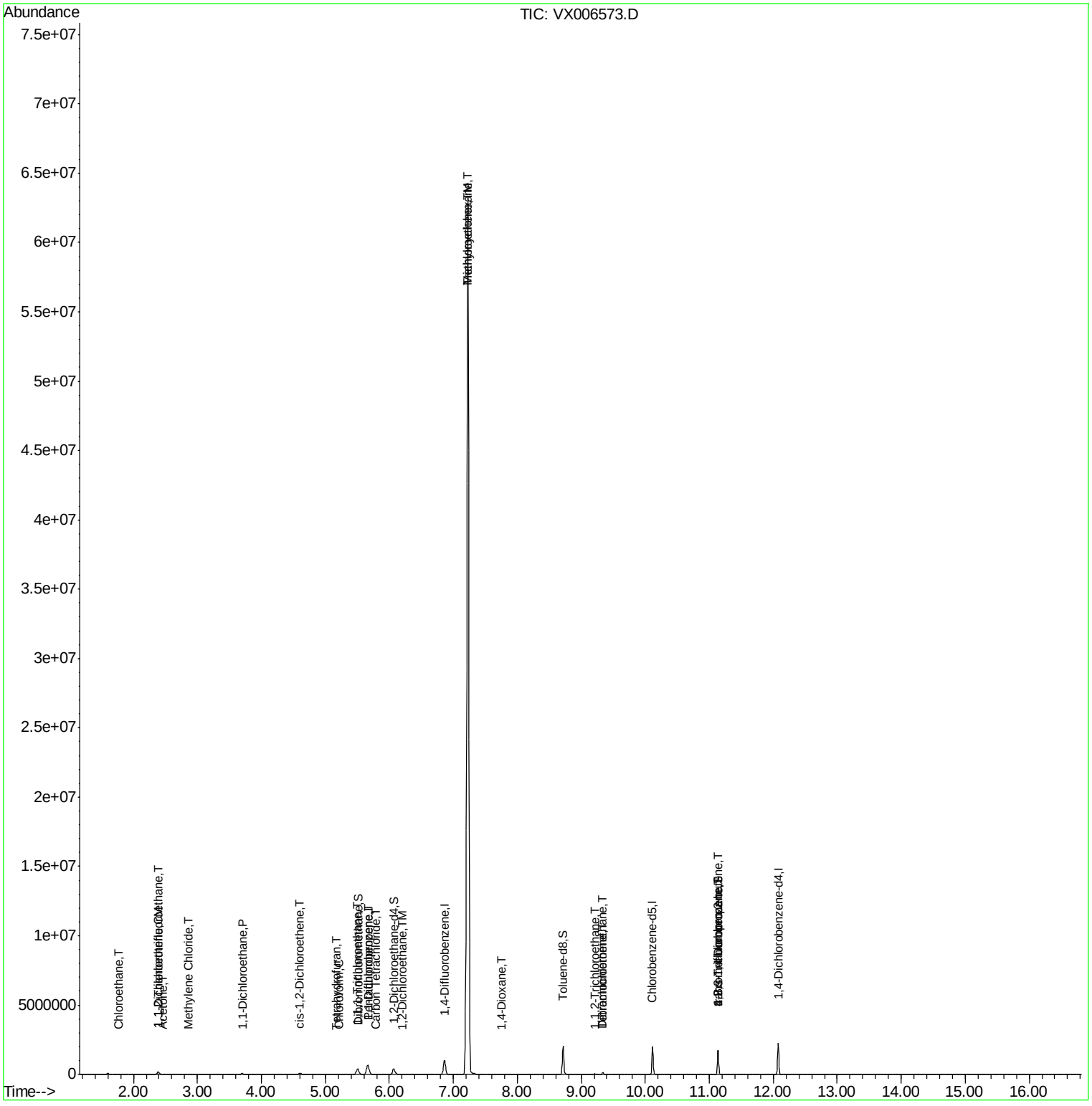
(#) = qualifier out of range (m) = manual integration (+) = signals summed

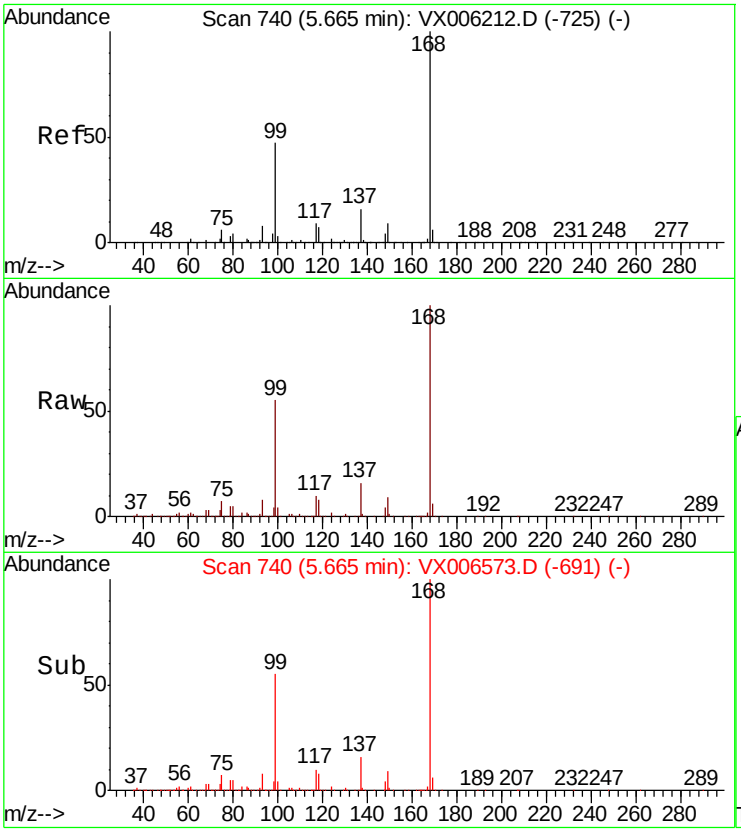
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
Data File : VX006573.D
Acq On : 17 Dec 2018 15:25
Operator : JC/MD
Sample : J6405-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Quant Time: Dec 18 00:39:57 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



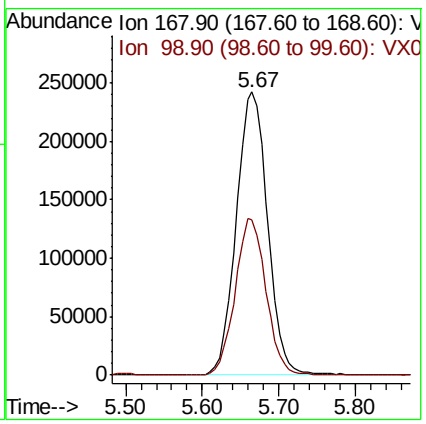


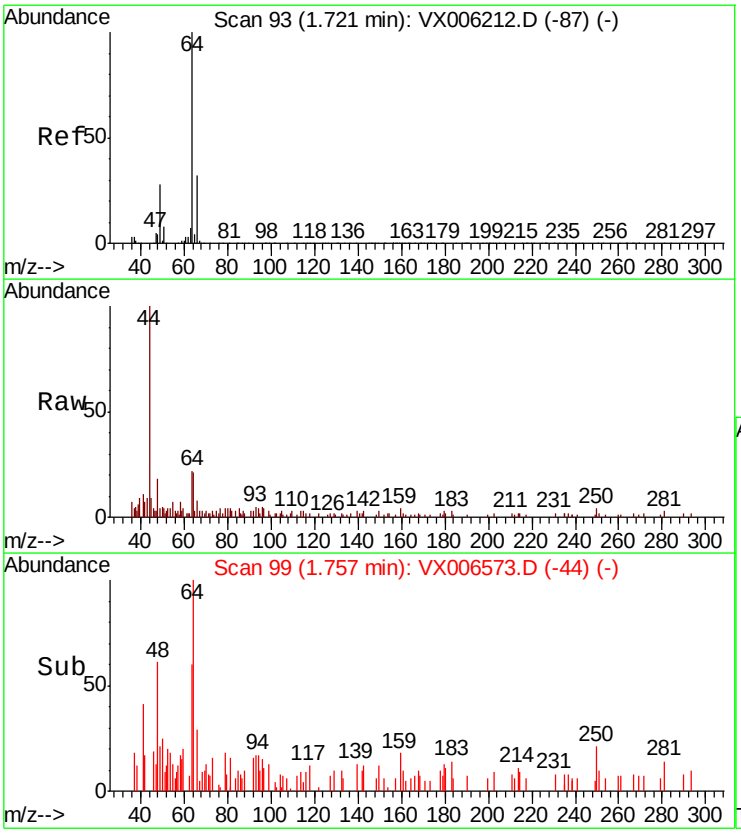
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion:168 Resp: 688359

Ion	Ratio	Lower	Upper
168	100		
99	54.8	37.8	56.8

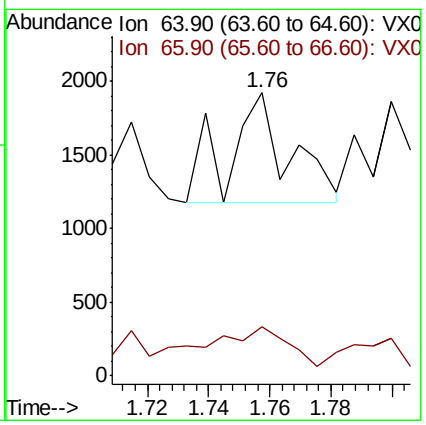


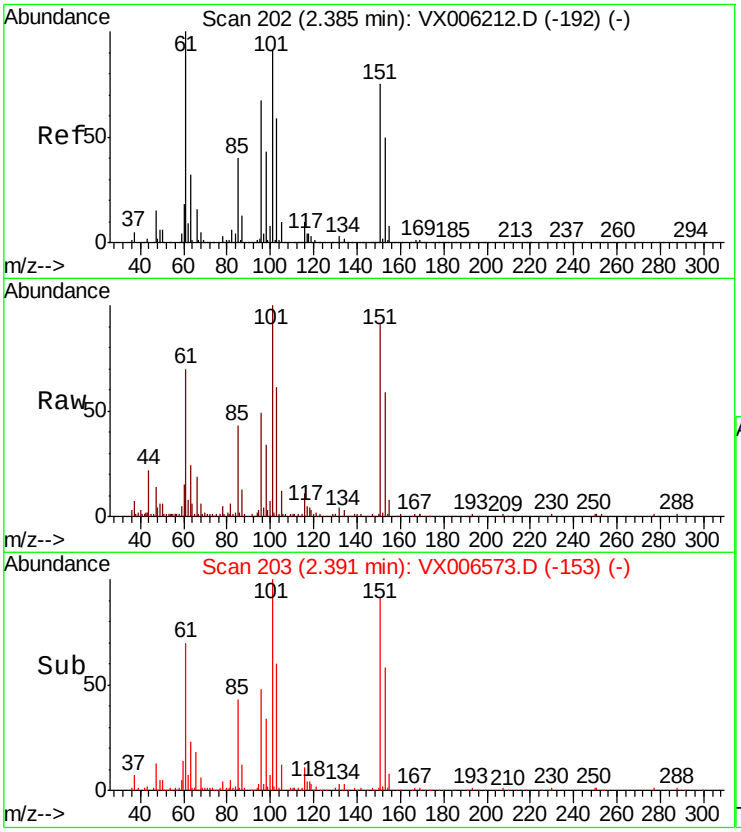


#6
Chloroethane
Concen: 0.224 ug/l
RT: 1.76 min Scan# 99
Delta R.T. 0.04 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 64 Resp: 1023

Ion	Ratio	Lower	Upper
64	100		
66	12.2	25.9	38.9#



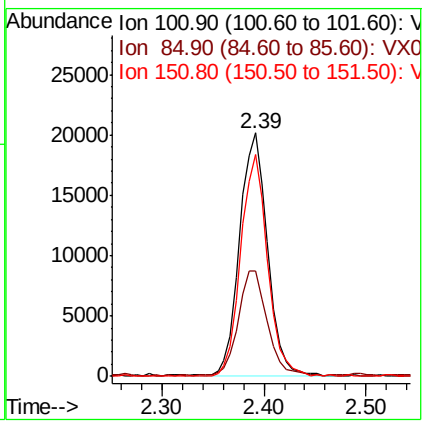


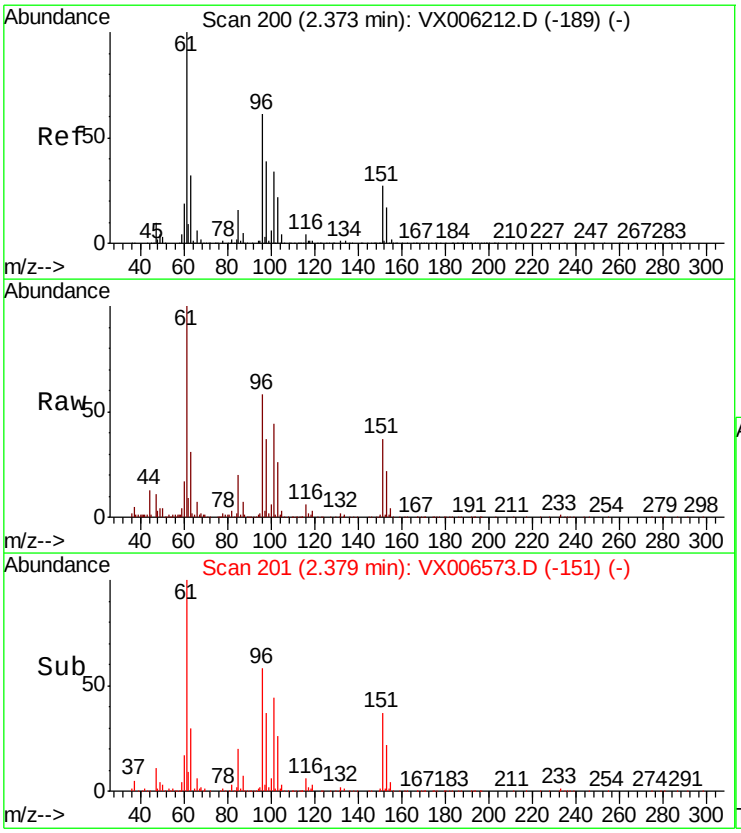
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.946 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion:101 Resp: 38685

Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.5	53.3
151	86.7	68.6	103.0

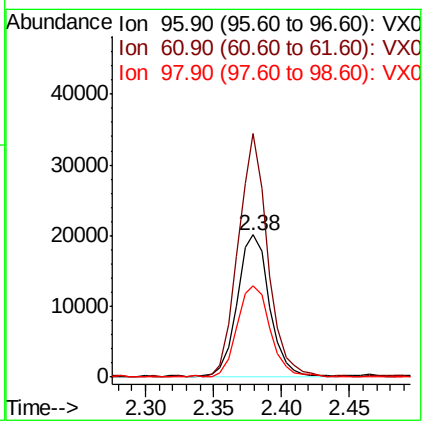


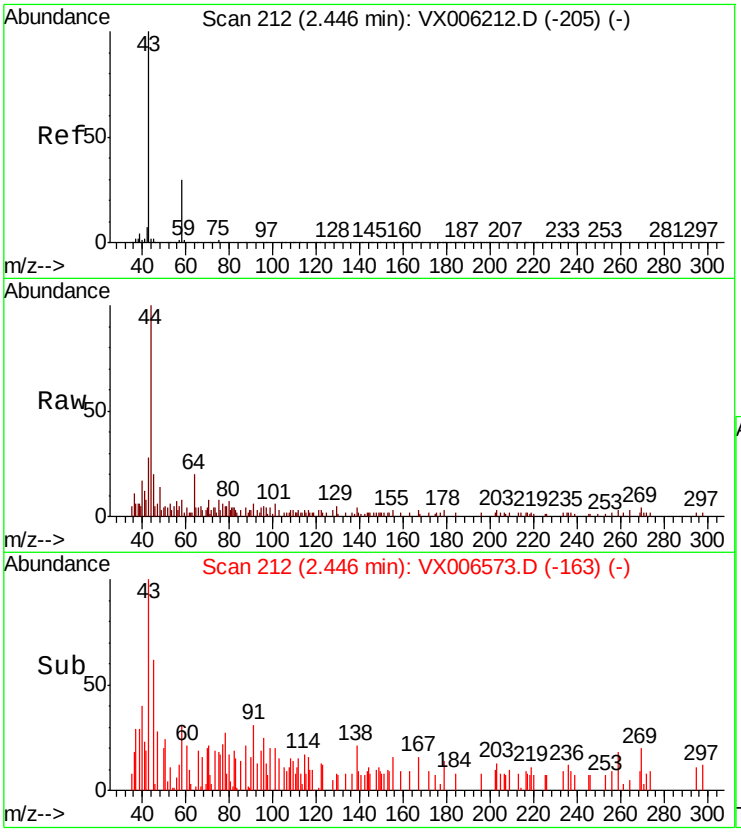


#12
1,1-Dichloroethene
Concen: 5.369 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 96 Resp: 33439

Ion	Ratio	Lower	Upper
96	100		
61	170.5	131.7	197.5
98	63.4	51.8	77.6



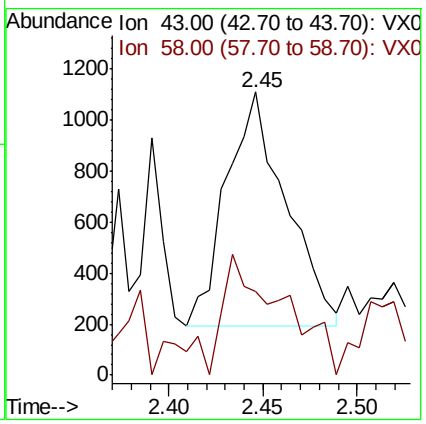


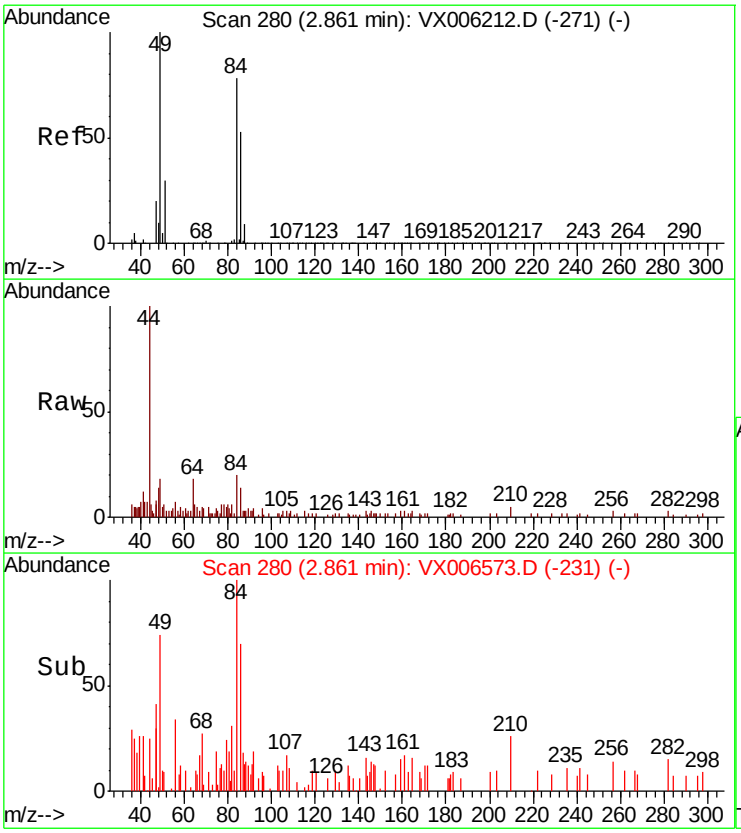
#16
Acetone
Concen: 0.610 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion: 43 Resp: 2012

Ion	Ratio	Lower	Upper
43	100		
58	35.7	24.0	36.0

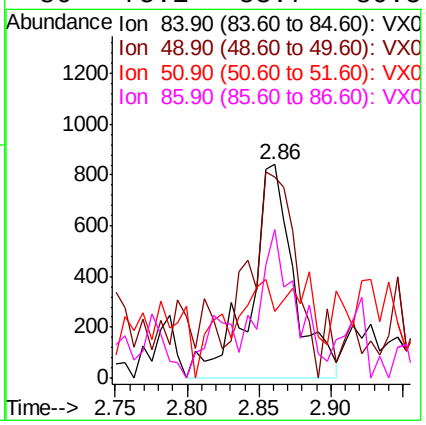


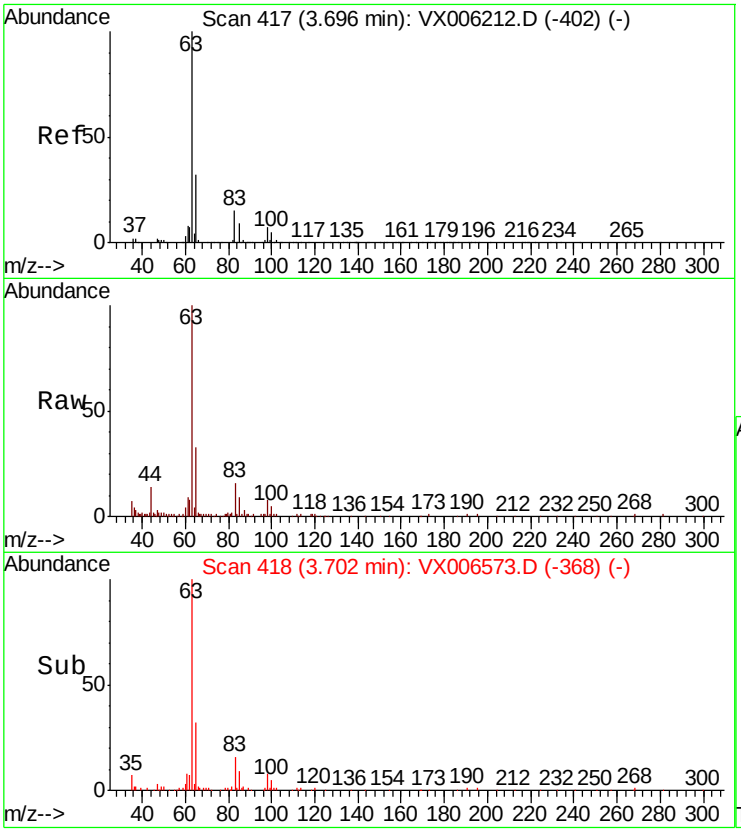


#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 84 Resp: 1756

Ion	Ratio	Lower	Upper
84	100		
49	93.4	102.2	153.4#
51	0.0	31.1	46.7#
86	75.1	53.7	80.5



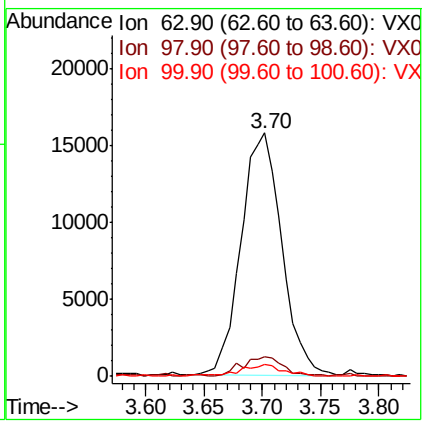


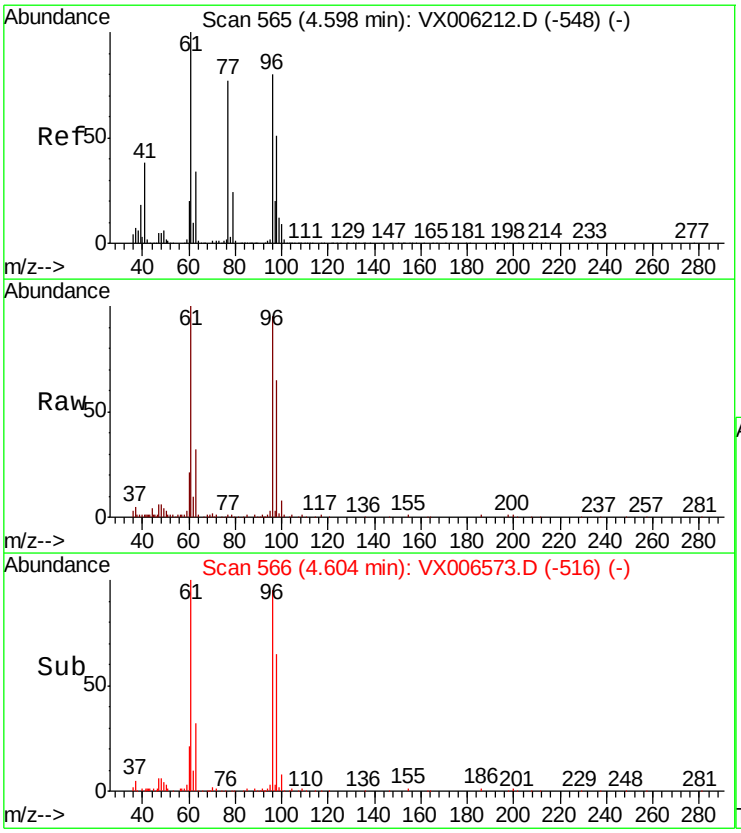
#24
1,1-Dichloroethane
Concen: 3.494 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion: 63 Resp: 38376

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.4
100	4.7	2.5	7.4

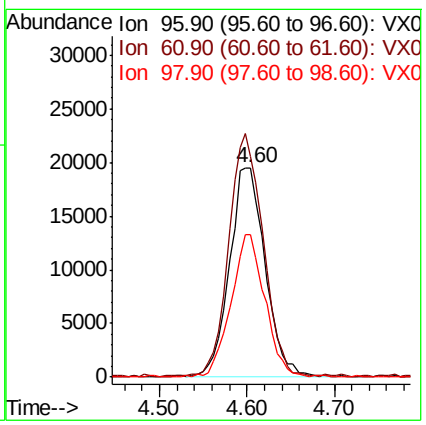


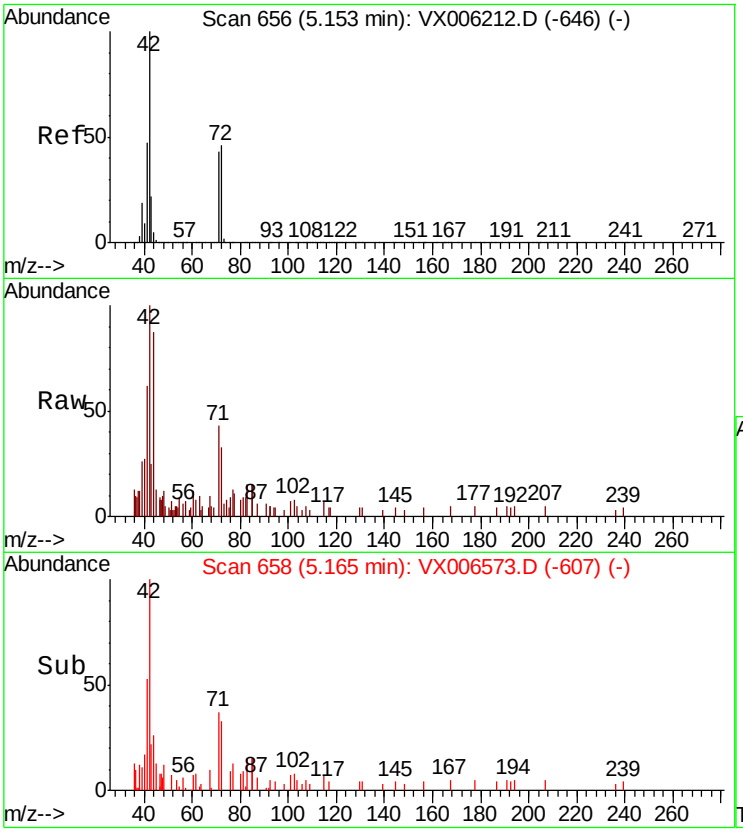


#27
cis-1,2-Dichloroethene
Concen: 7.483 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 96 Resp: 55403

Ion	Ratio	Lower	Upper
96	100		
61	112.8	0.0	265.0
98	64.7	0.0	130.2



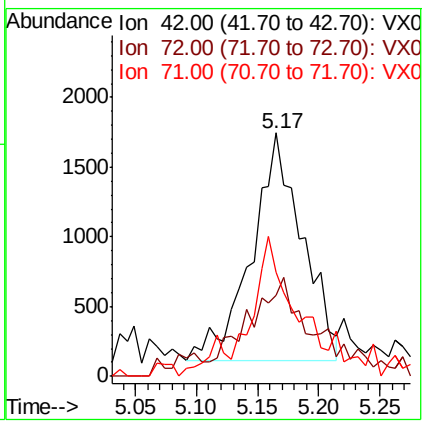


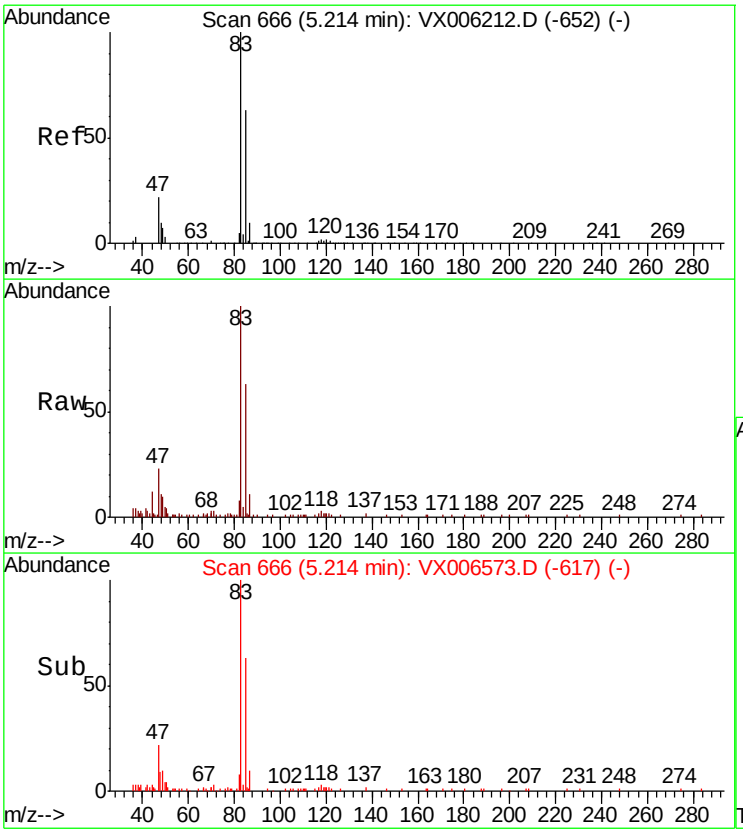
#29
Tetrahydrofuran
Concen: 1.455 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion: 42 Resp: 4757

Ion	Ratio	Lower	Upper
42	100		
72	57.6	37.8	56.8#
71	36.1	35.2	52.8

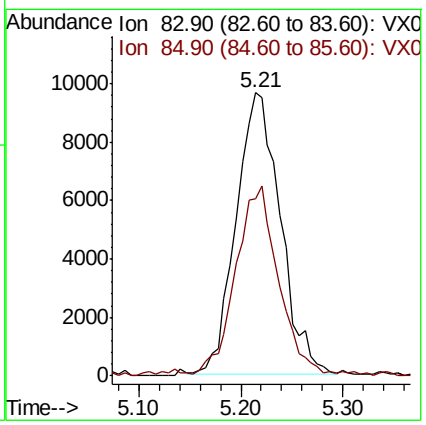


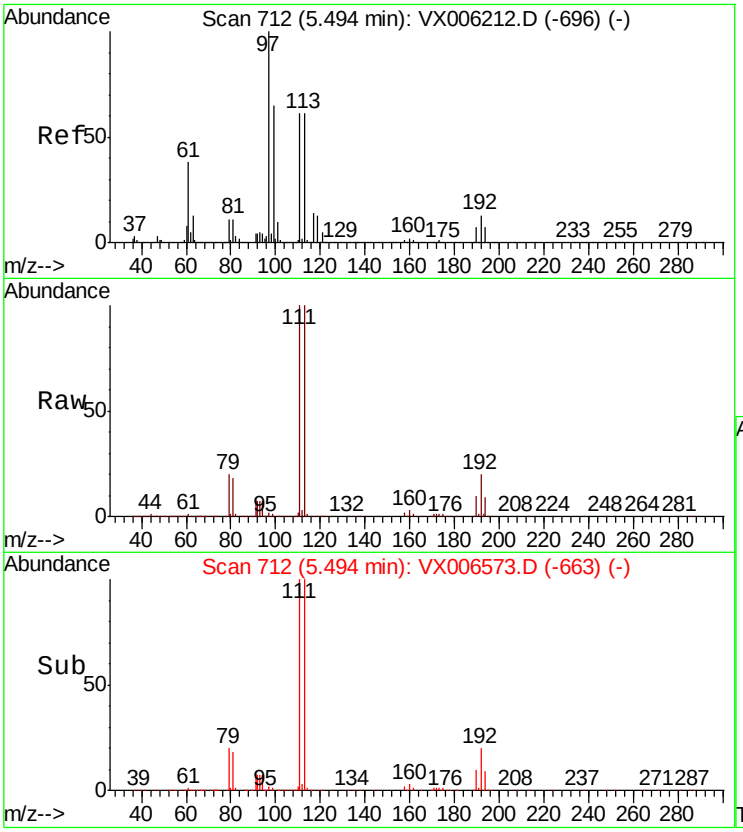


#30
Chloroform
Concen: 2.508 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 83 Resp: 28954

Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.3	75.5



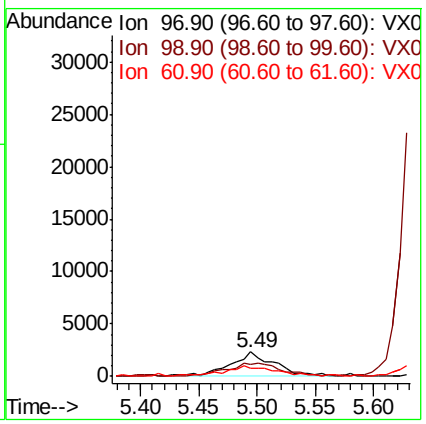


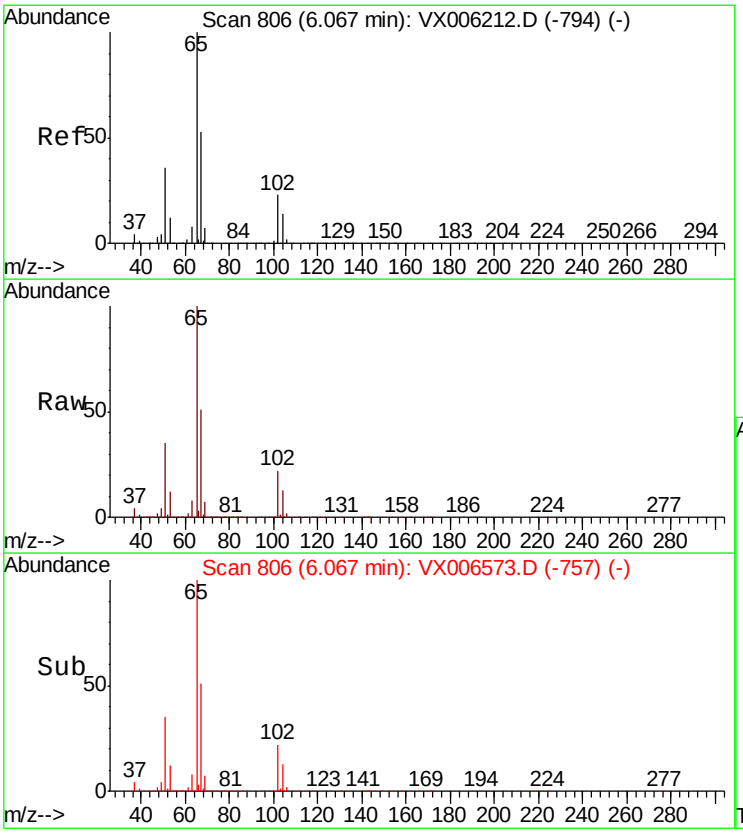
#32
1,1,1-Trichloroethane
Concen: 0.551 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion: 97 Resp: 6052

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	50.3	30.6	46.0#

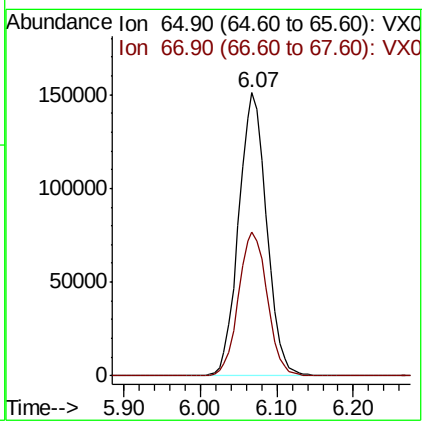


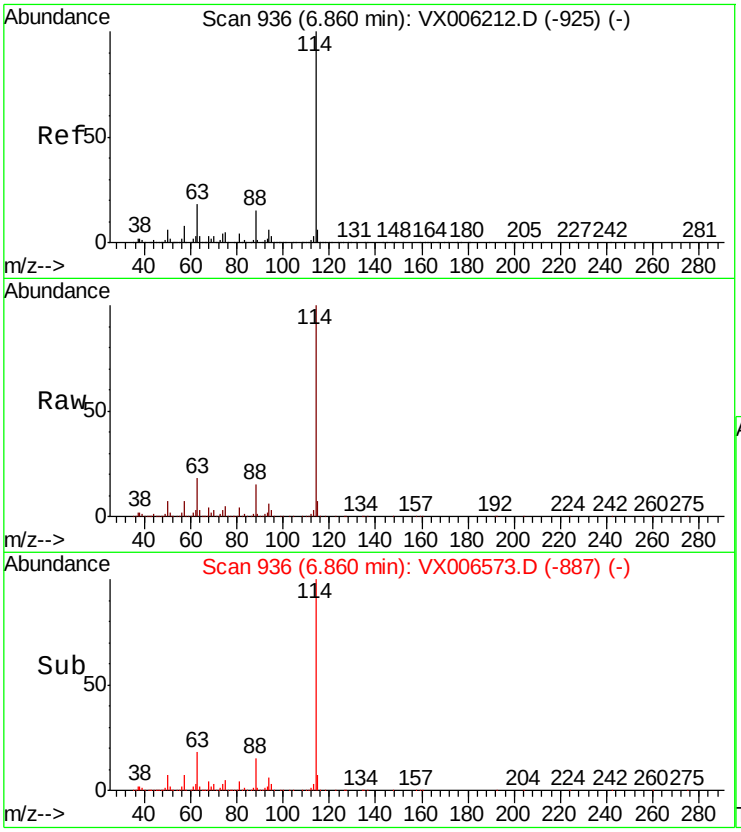


#33
1,2-Dichloroethane-d4
Concen: 54.647 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 65 Resp: 384007

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.2



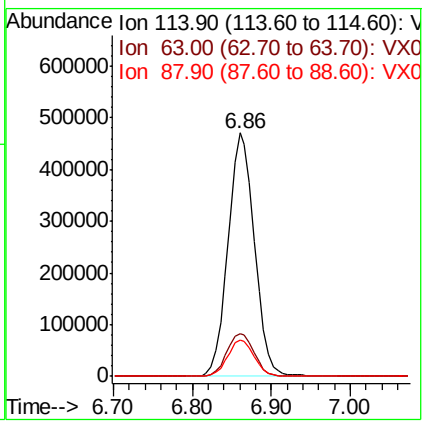


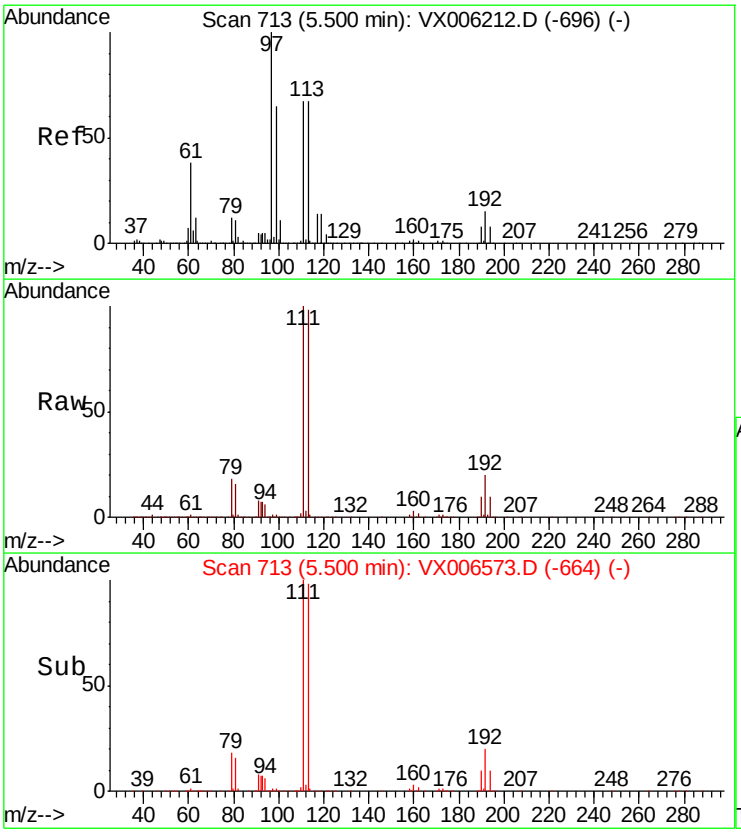
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion:114 Resp: 1097072

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.6
88	15.1	0.0	29.0

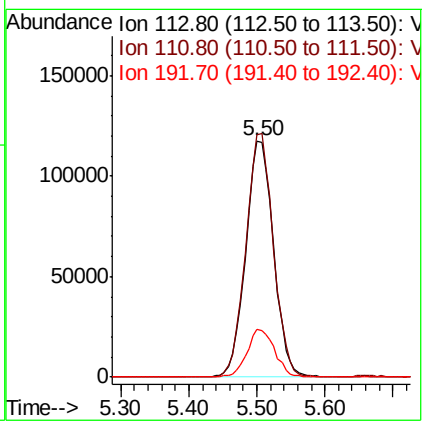


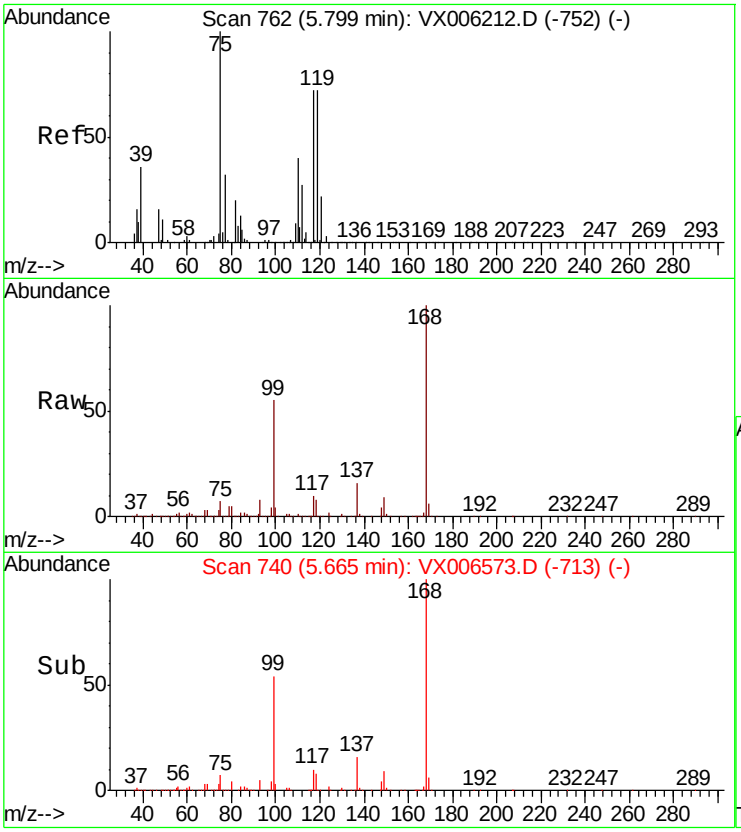


#35
Dibromofluoromethane
Concen: 47.321 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion:113 Resp: 336127

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.1	121.7
192	20.2	18.2	27.2



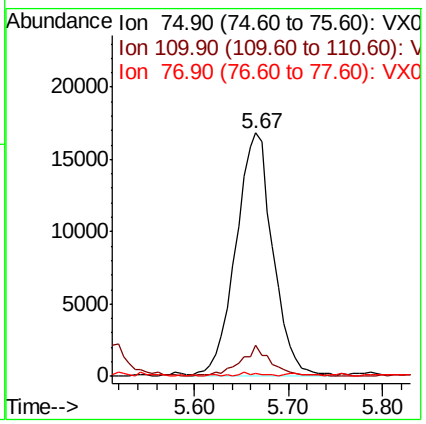


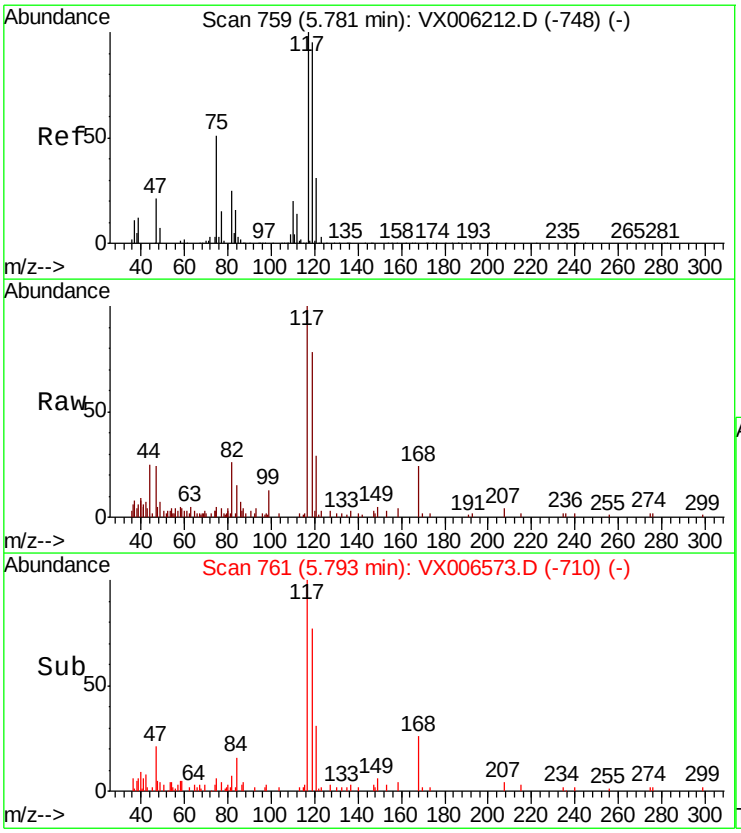
#36
1,1-Dichloropropene
Concen: 5.028 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion: 75 Resp: 46447

Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.4	61.3#
77	0.6	24.9	37.3#

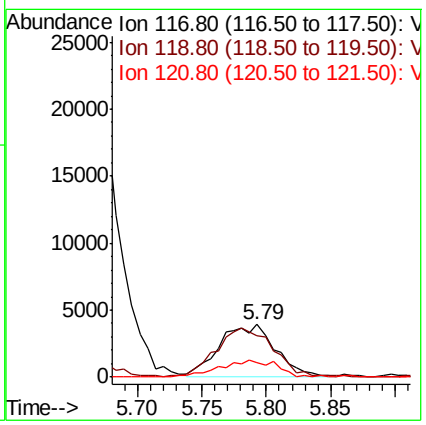


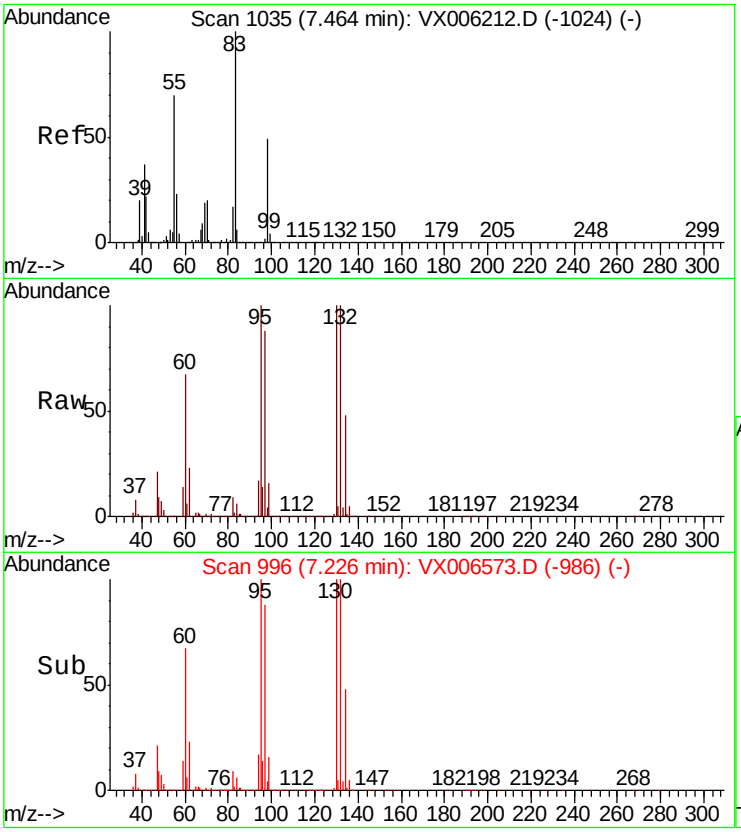


#38
Carbon Tetrachloride
Concen: 1.090 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion:117 Resp: 11842

Ion	Ratio	Lower	Upper
117	100		
119	75.0	75.8	113.8#
121	28.7	24.6	37.0



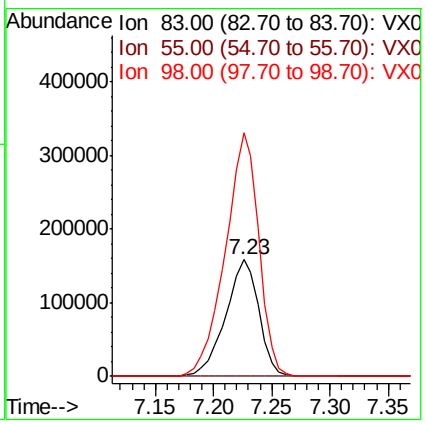


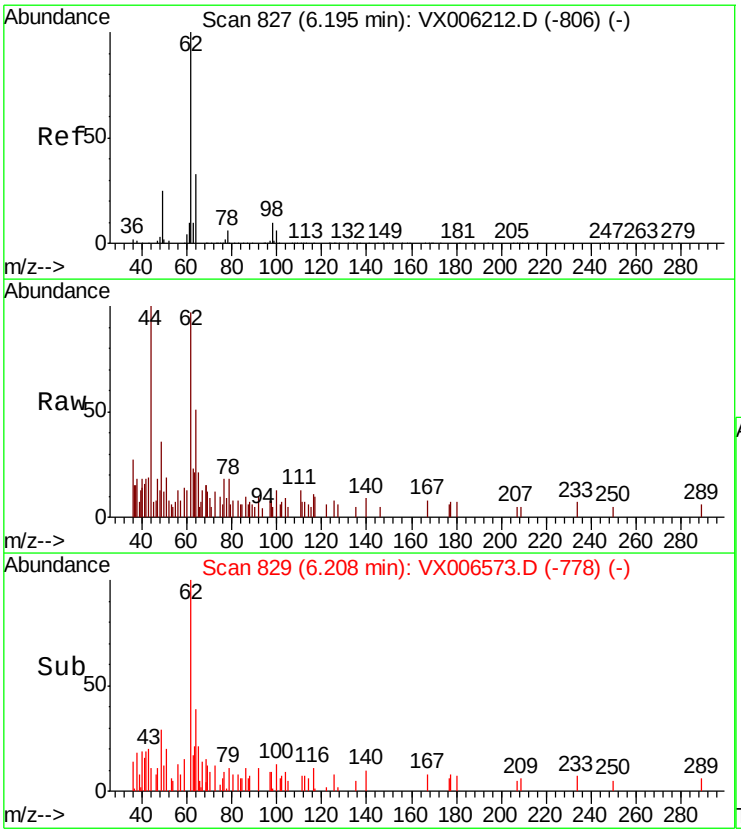
#39
Methylcyclohexane
Concen: 26.078 ug/l
RT: 7.23 min Scan# 996
Delta R.T. -0.24 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion: 83 Resp: 312729

Ion	Ratio	Lower	Upper
83	100		
55	0.2	56.4	84.6#
98	208.4	39.0	58.6#

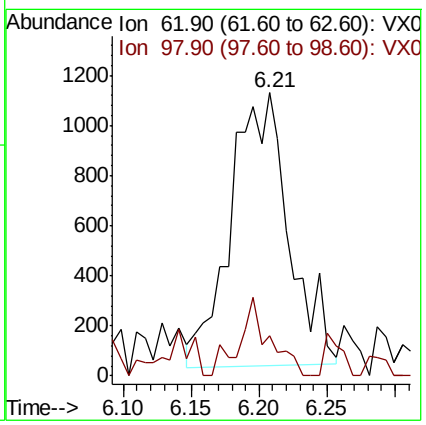


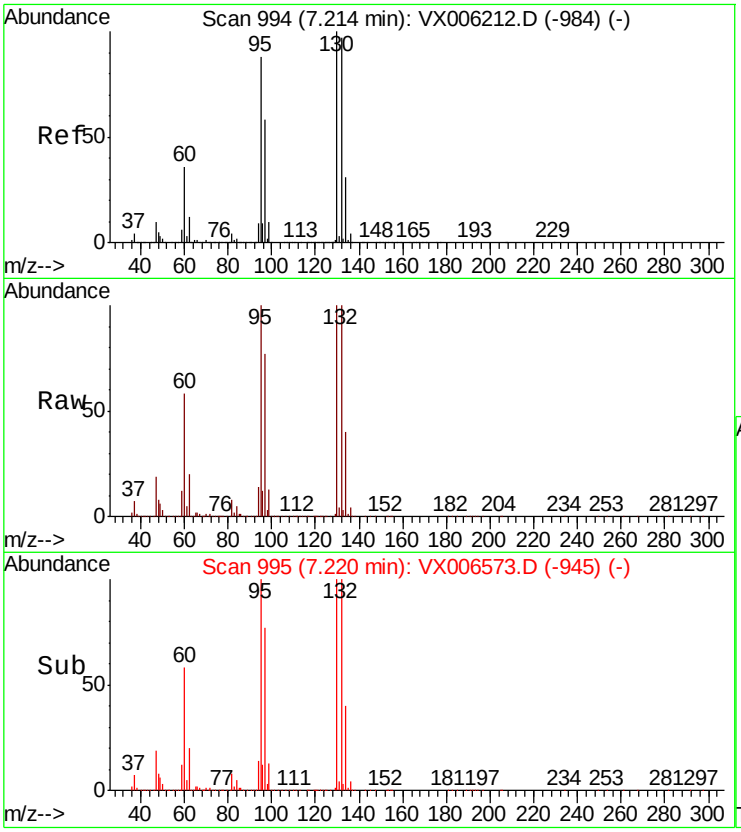


#42
1,2-Dichloroethane
Concen: 0.361 ug/l
RT: 6.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 62 Resp: 3267

Ion	Ratio	Lower	Upper
62	100		
98	14.9	0.0	20.2



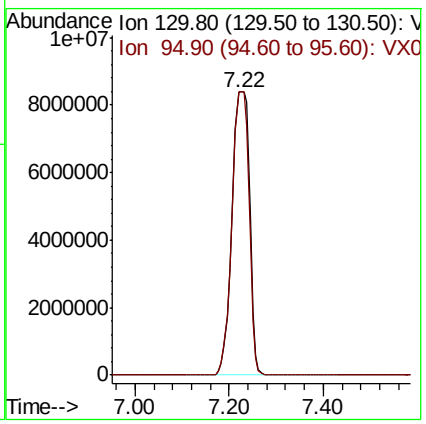


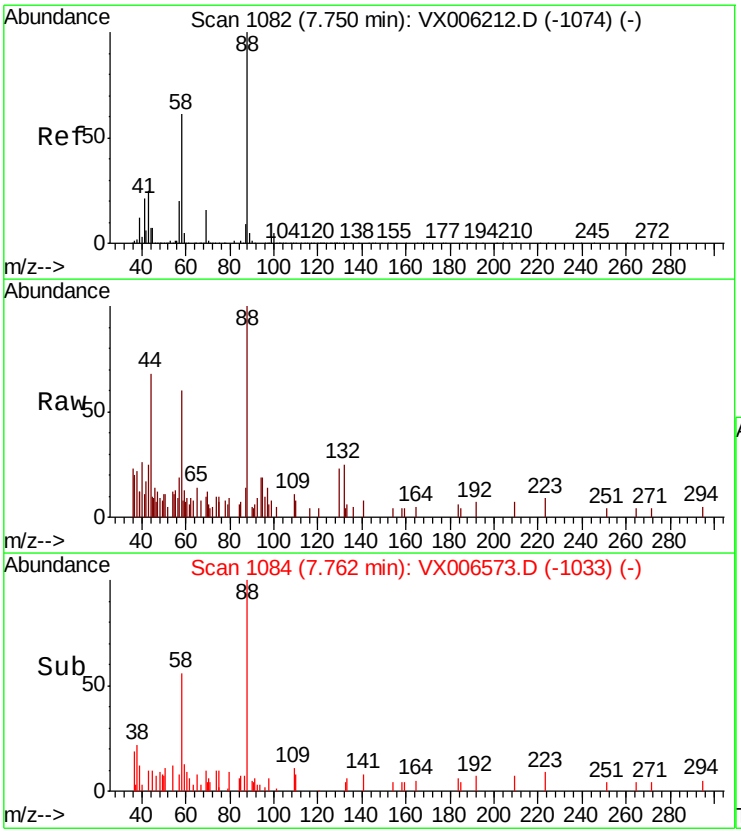
#44
Trichloroethene
Concen: 2598.846 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion:130 Resp:21784686

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	175.8

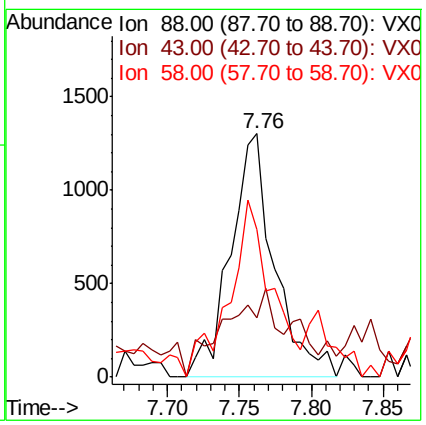


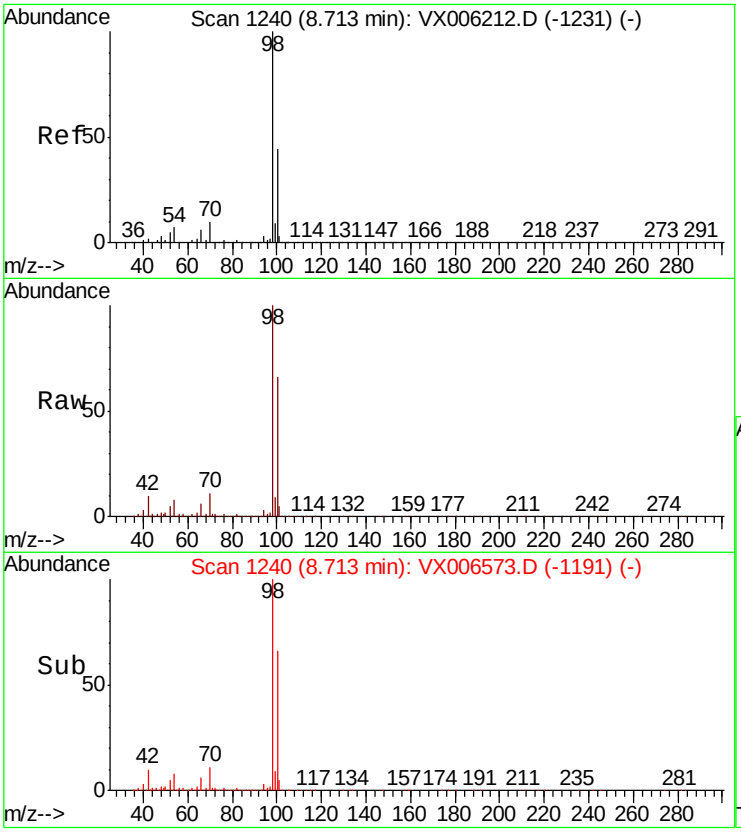


#49
1,4-Dioxane
Concen: 13.417 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 88 Resp: 2775

Ion	Ratio	Lower	Upper
88	100		
43	41.9	23.2	34.8#
58	69.6	51.4	77.0



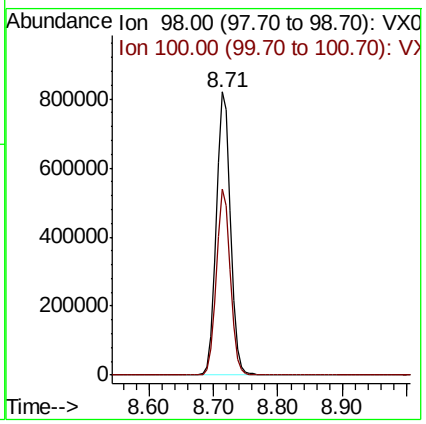


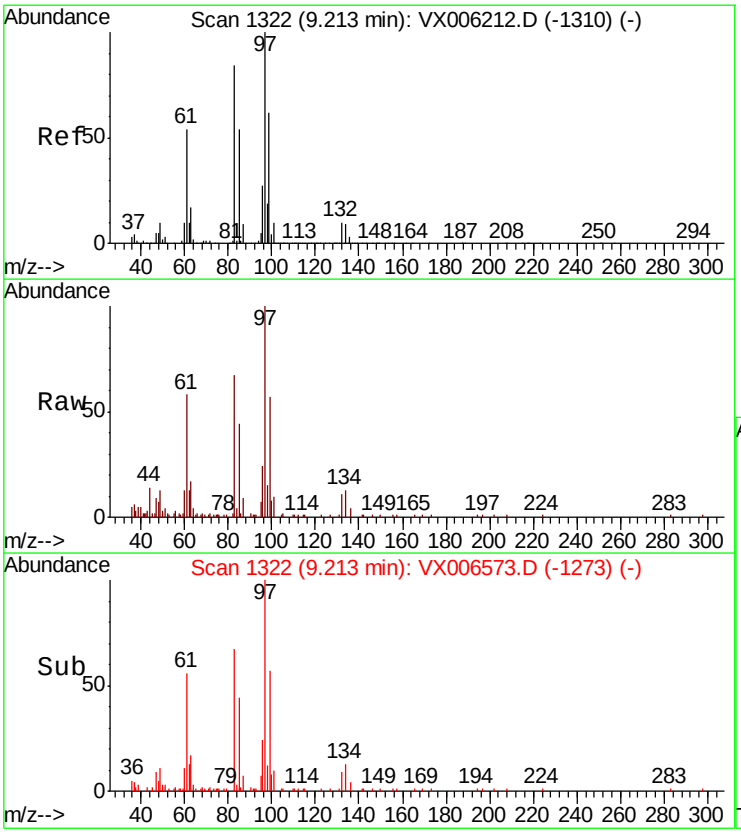
#50
Toluene-d8
Concen: 49.759 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion: 98 Resp: 1285625

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

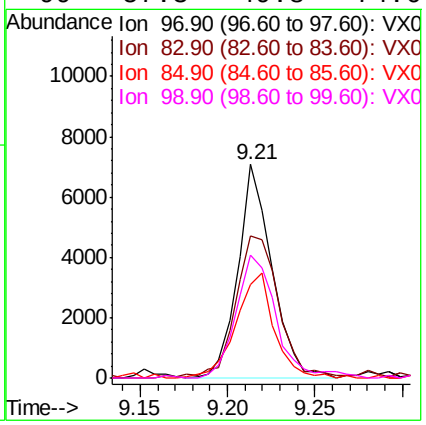


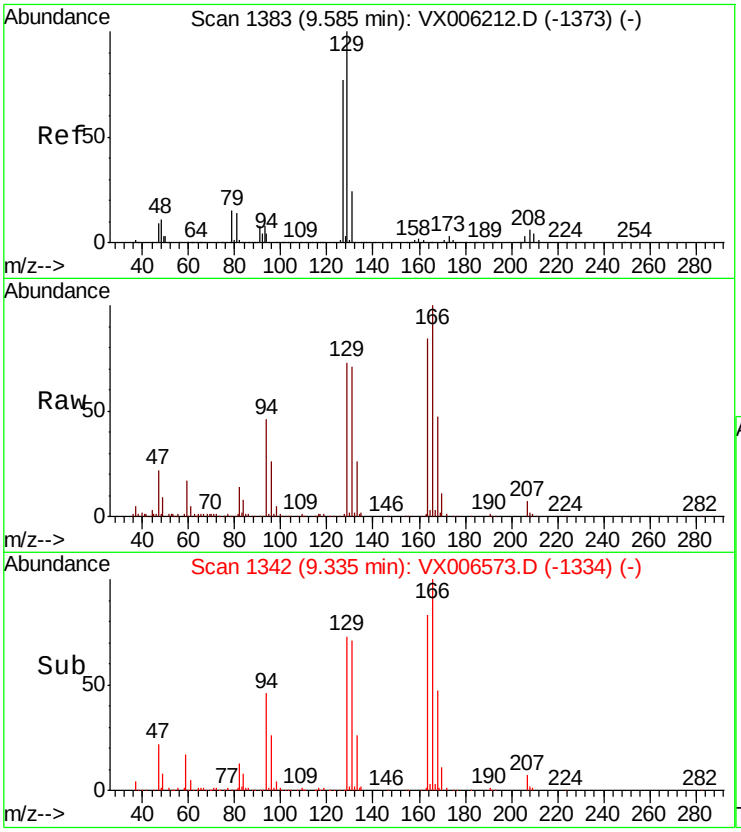


#55
1,1,2-Trichloroethane
Concen: 1.299 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 97 Resp: 9607

Ion	Ratio	Lower	Upper
97	100		
83	65.8	67.1	100.7#
85	43.8	43.2	64.8
99	57.3	49.8	74.6



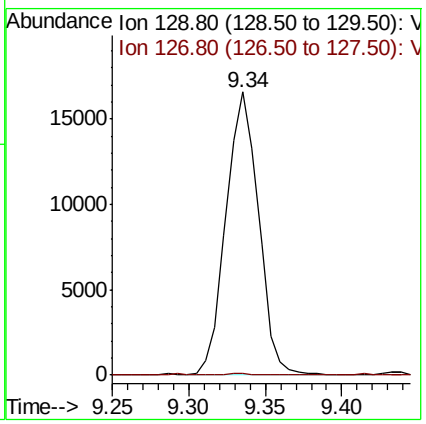


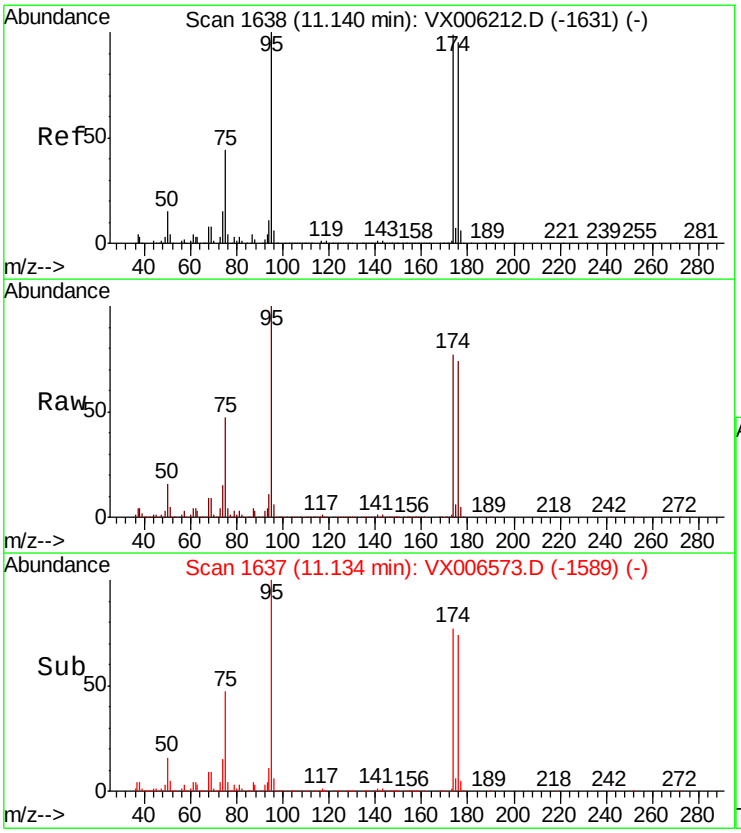
#60
Dibromochloromethane
Concen: 2.694 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion:129 Resp: 24563

Ion	Ratio	Lower	Upper
129	100		
127	0.3	38.6	115.8#

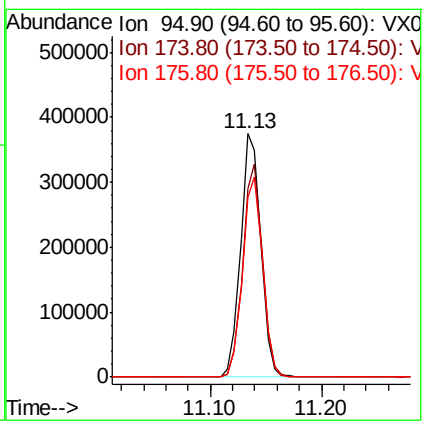


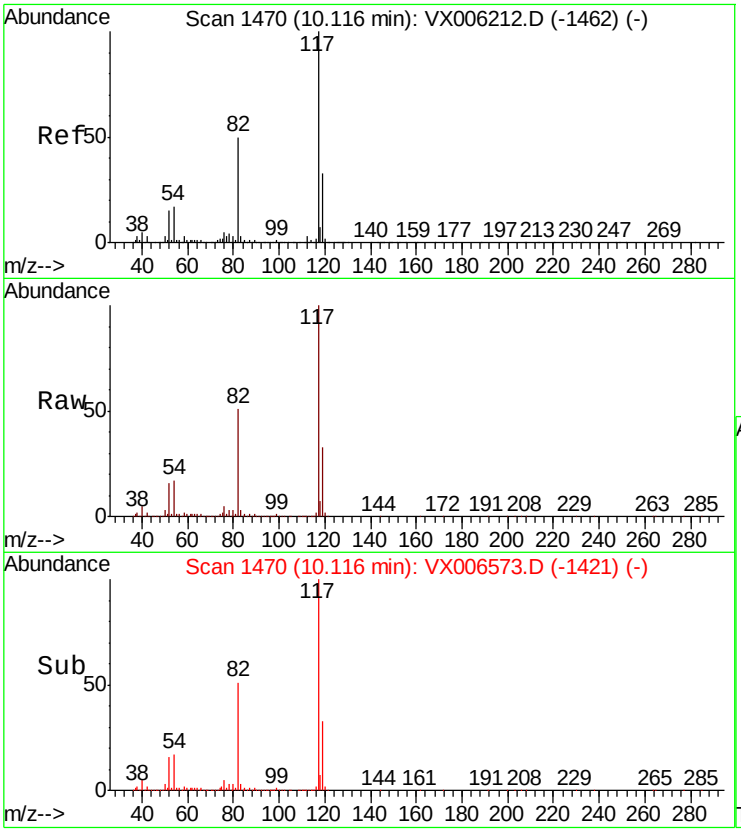


#62
4-Bromofluorobenzene
Concen: 48.304 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 95 Resp: 470294

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	187.0
176	81.8	0.0	181.8



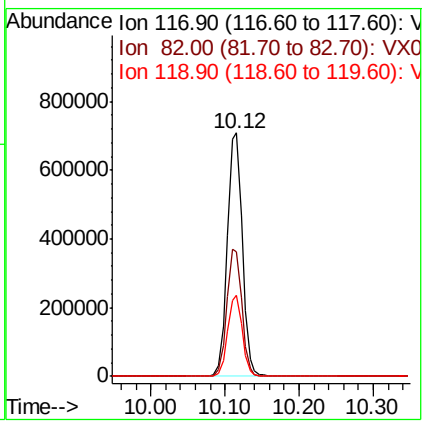


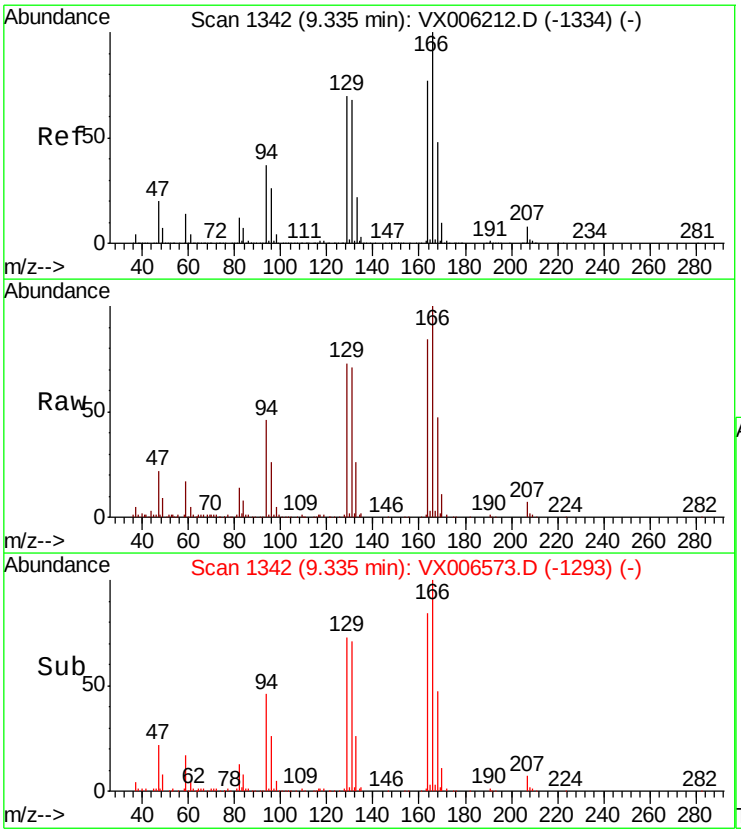
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument : MSVOA_X
ClientSampleId : RE108D2-20181210

Tgt Ion:117 Resp: 1000023

Ion	Ratio	Lower	Upper
117	100		
82	51.1	39.6	59.4
119	33.1	26.3	39.5

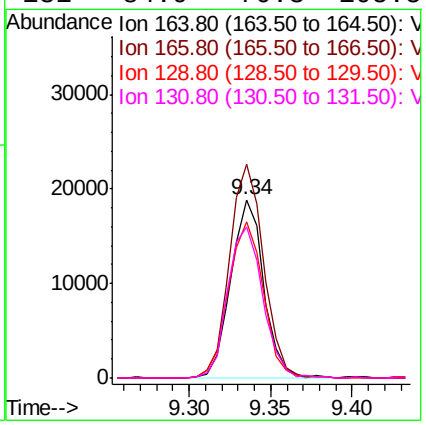


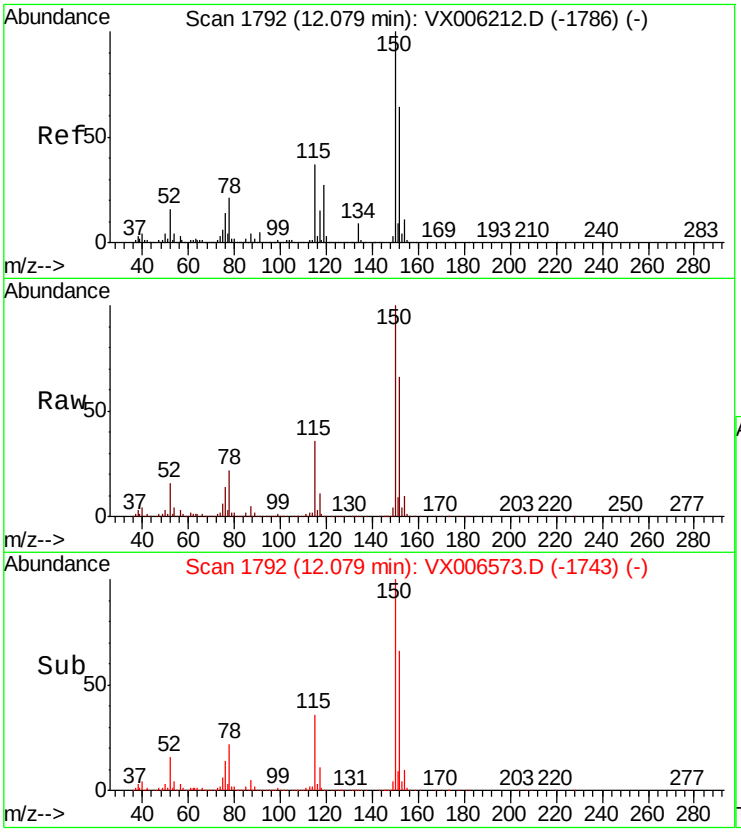


#64
Tetrachloroethene
Concen: 3.518 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion:164 Resp: 26493

Ion	Ratio	Lower	Upper
164	100		
166	119.6	104.2	156.2
129	87.8	72.6	108.8
131	84.9	70.3	105.5



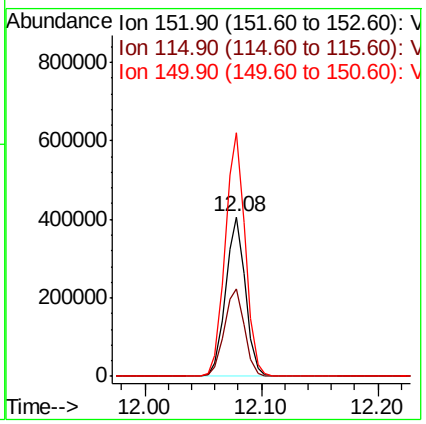


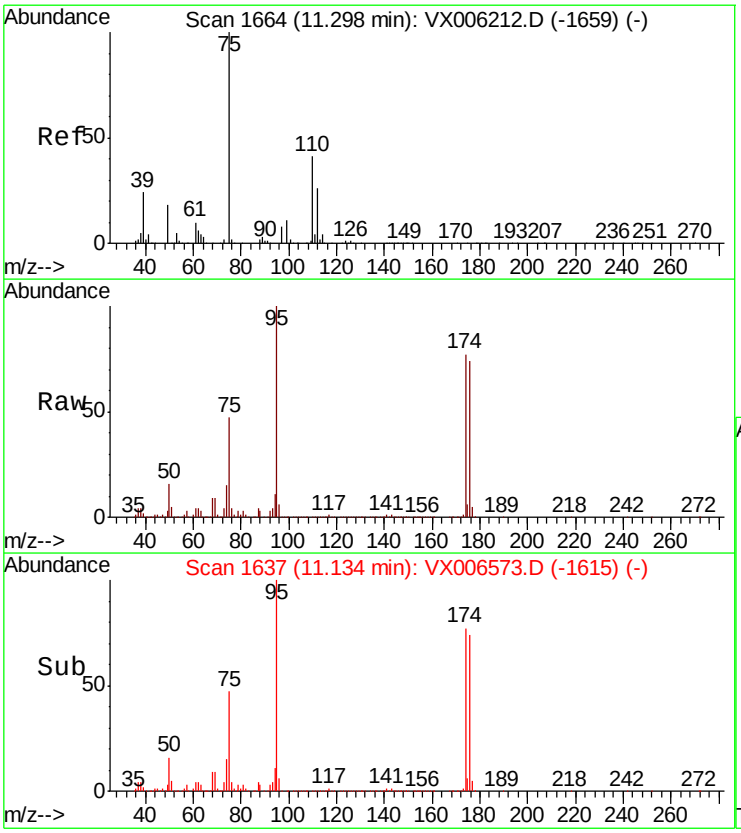
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion:152 Resp: 475620

Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.0	116.9
150	154.5	0.0	345.8

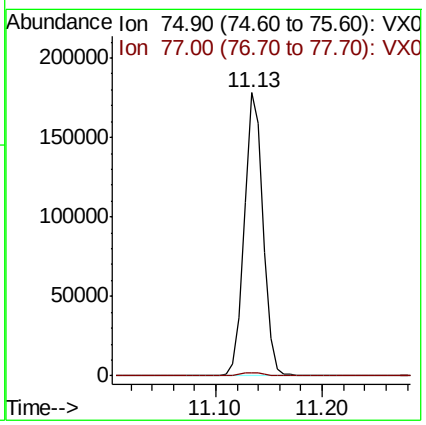


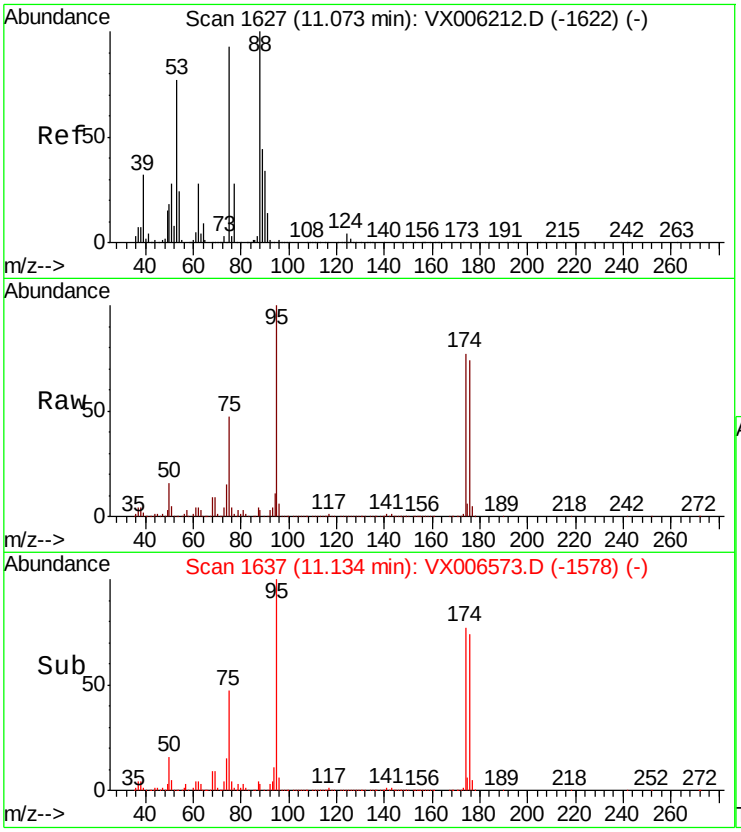


#76
1,2,3-Trichloropropane
Concen: 24.018 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Tgt Ion: 75 Resp: 220488

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.9	59.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.363 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006573.D
Acq: 17 Dec 2018 15:25

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20181210

Tgt Ion: 75 Resp: 220488

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