Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006568.D
Acq On : 17 Dec 2018 13:12
Operator : JC/MD
Sample : J6405-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D-20181212

Quant Time: Dec 18 00:38:41 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	5.66	168	709821	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	1110394	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	1008156	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	485575	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	380526	52.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.02%				
35) Dibromofluoromethane	5.50	113	341595	47.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.02%				
50) Toluene-d8	8.71	98	1309443	50.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.14%				
62) 4-Bromofluorobenzene	11.13	95	479959	48.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.42%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	8082	1.163	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	78238	11.661	ug/l		99
11) Tert butyl alcohol	3.02	59	8661	4.371	ug/l	#	73
12) 1,1-Dichloroethene	2.38	96	15897	2.475	ug/l		90
13) Acrolein	2.28	56	575	0.531	ug/l	#	38
16) Acetone	2.45	43	5433	1.598	ug/l	#	87
19) Methyl tert-butyl Ether	3.20	73	4867	0.212	ug/l	#	84
20) Methylene Chloride	2.86	84	1691	0.234	ug/l	#	75
24) 1,1-Dichloroethane	3.70	63	8378	0.740	ug/l		97
27) cis-1,2-Dichloroethene	4.60	96	23888	3.129	ug/l		89
29) Tetrahydrofuran	5.15	42	723	0.214	ug/l	#	42
30) Chloroform	5.21	83	6006	0.505	ug/l		90
36) 1,1-Dichloropropene	5.66	75	47194	5.047	ug/l	#	48
38) Carbon Tetrachloride	5.66	117	67114	6.101	ug/l	#	16
42) 1,2-Dichloroethane	6.21	62	2594	0.283	ug/l		97
44) Trichloroethene	7.21	130	548632	64.665	ug/l		96
49) 1,4-Dioxane	7.76	88	3237	15.463	ug/l	#	79
55) 1,1,2-Trichloroethane	9.22	97	1544	0.206	ug/l	#	78
64) Tetrachloroethene	9.34	164	1791	0.236	ug/l	#	77
76) 1,2,3-Trichloropropane	11.13	75	221687	23.653	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.13	75	221687	55.508	ug/l	#	15

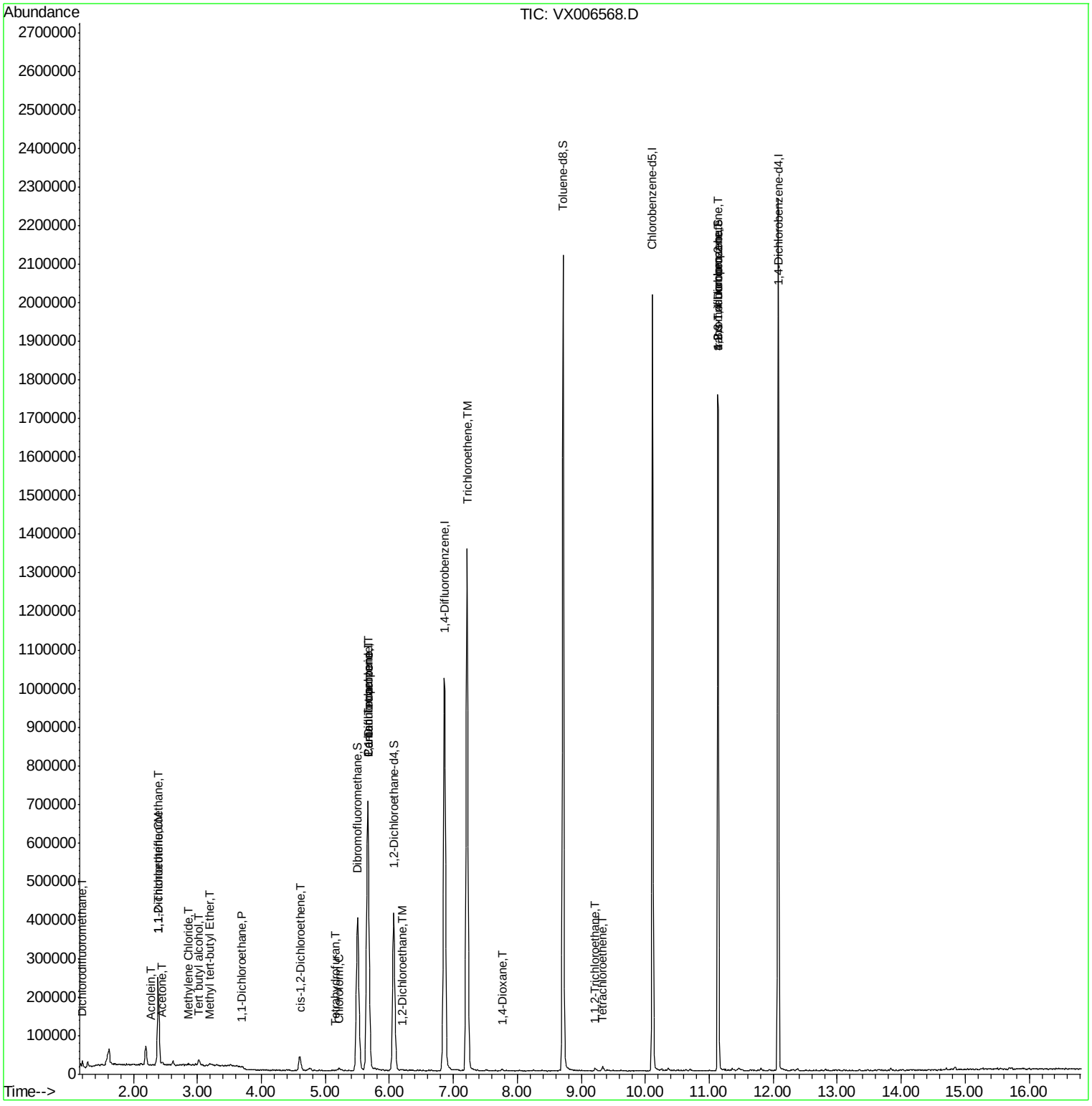
(#) = qualifier out of range (m) = manual integration (+) = signals summed

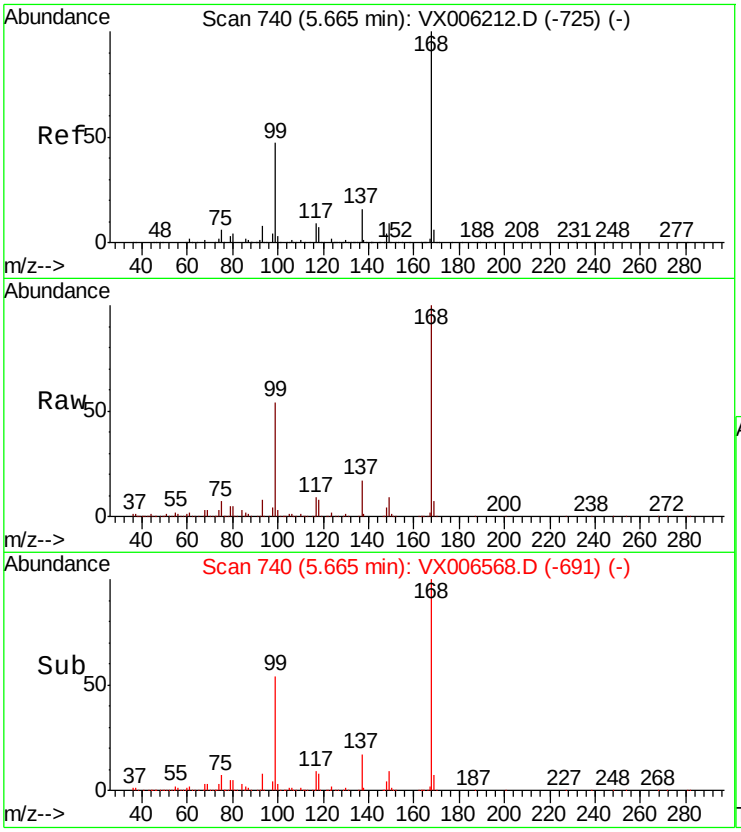
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006568.D
Acq On : 17 Dec 2018 13:12
Operator : JC/MD
Sample : J6405-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D-20181212

Quant Time: Dec 18 00:38:41 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



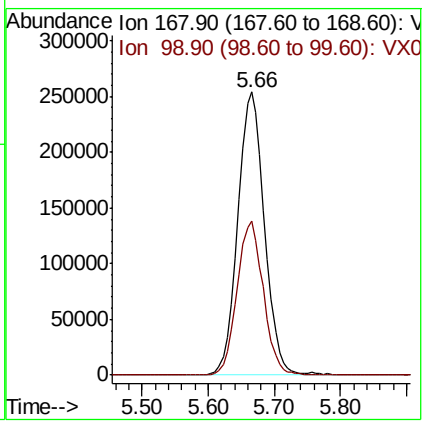


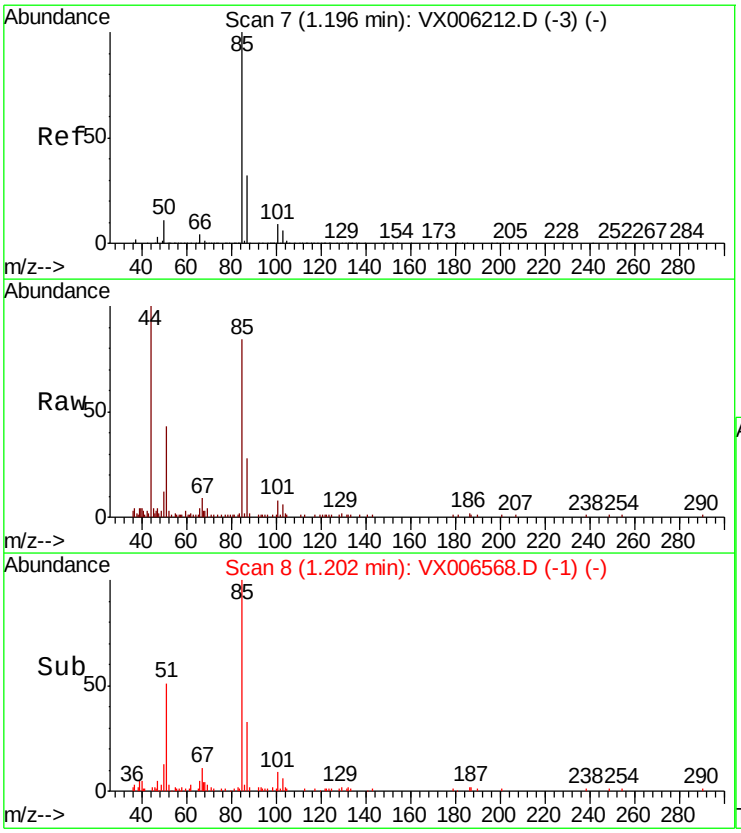
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

Tgt Ion:168 Resp: 709821

Ion	Ratio	Lower	Upper
168	100		
99	54.4	37.8	56.8

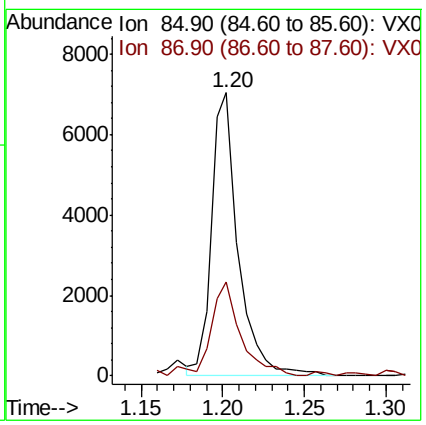


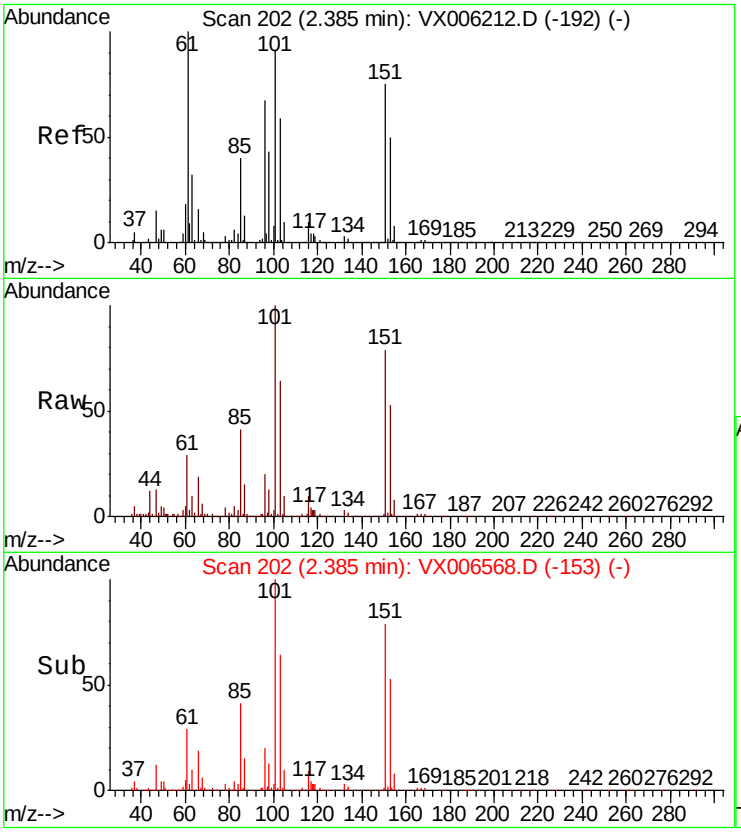


#2
Dichlorodifluoromethane
Concen: 1.163 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 85 Resp: 8082

Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.1	48.2



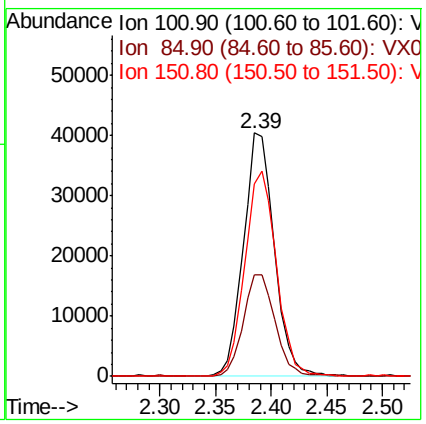


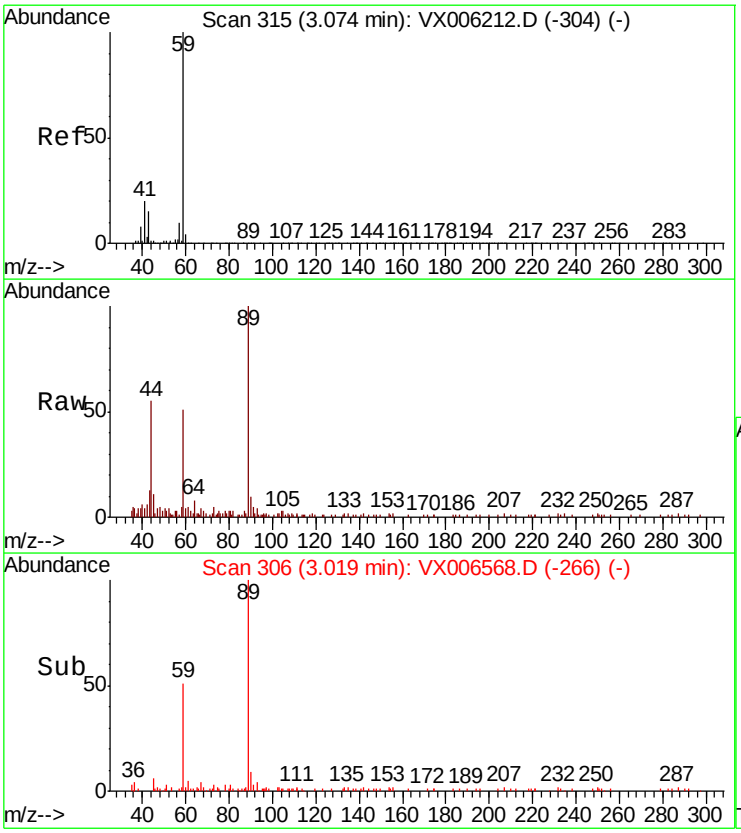
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.661 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

Tgt Ion:101 Resp: 78238

Ion	Ratio	Lower	Upper
101	100		
85	42.7	35.5	53.3
151	86.3	68.6	103.0

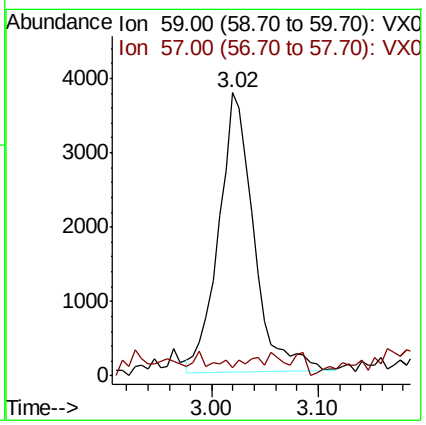


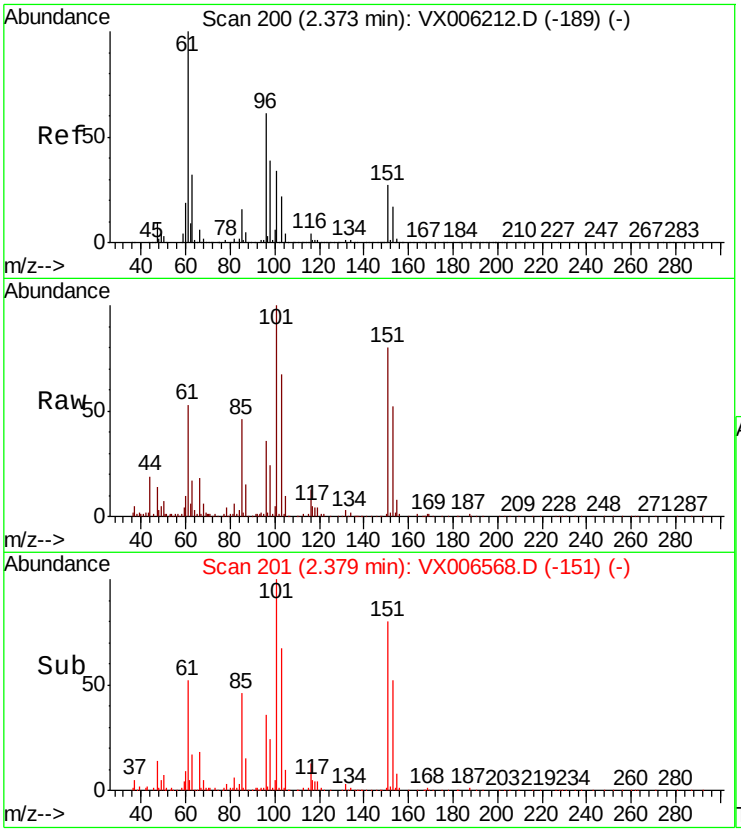


#11
Tert butyl alcohol
Concen: 4.371 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 59 Resp: 8661

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



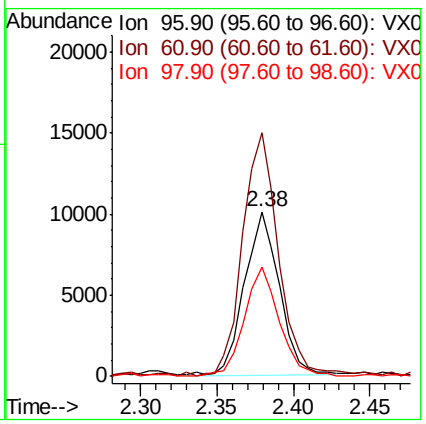


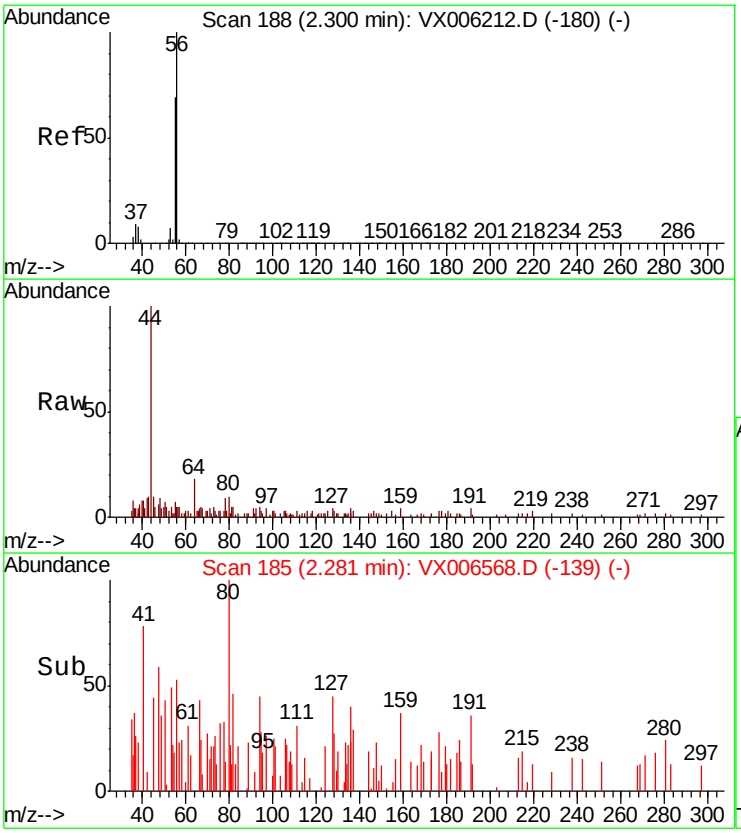
#12
1,1-Dichloroethene
Concen: 2.475 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument : MSVOA_X
ClientSampleId : TT101D-20181212

Tgt Ion: 96 Resp: 15897

Ion	Ratio	Lower	Upper
96	100		
61	147.0	131.7	197.5
98	66.8	51.8	77.6

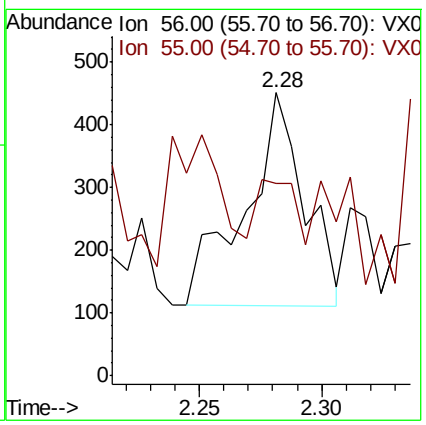


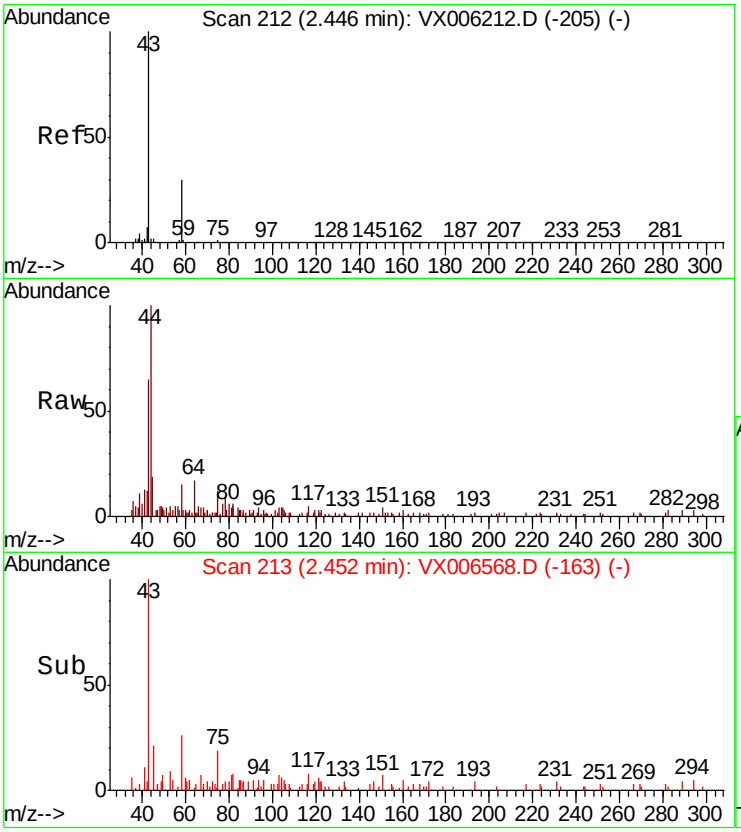


#13
Acrolein
Concen: 0.531 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.02 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 56 Resp: 575

Ion	Ratio	Lower	Upper
56	100		
55	20.2	57.8	86.6#



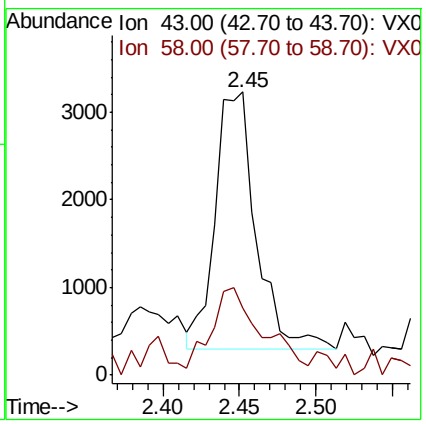


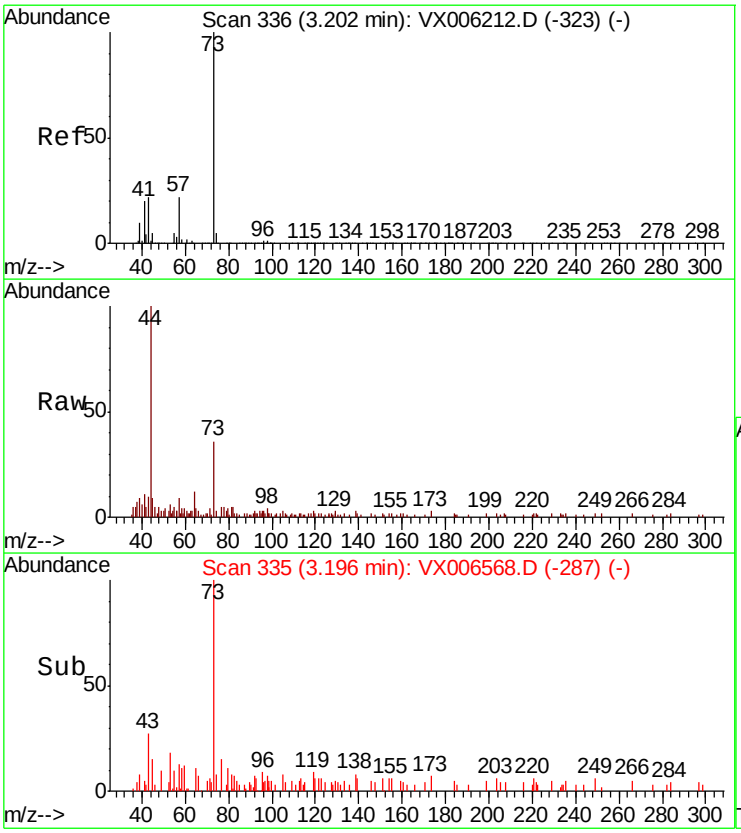
#16
Acetone
Concen: 1.598 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument : MSVOA_X
ClientSampleId : TT101D-20181212

Tgt Ion: 43 Resp: 5433

Ion	Ratio	Lower	Upper
43	100		
58	23.0	24.0	36.0#

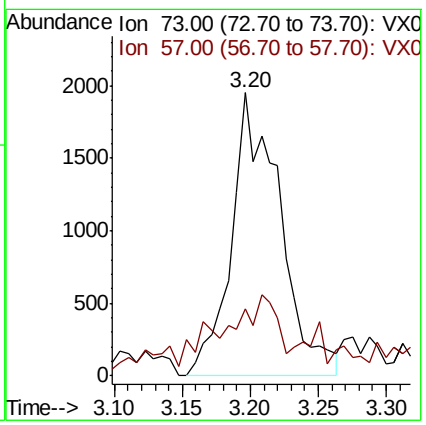


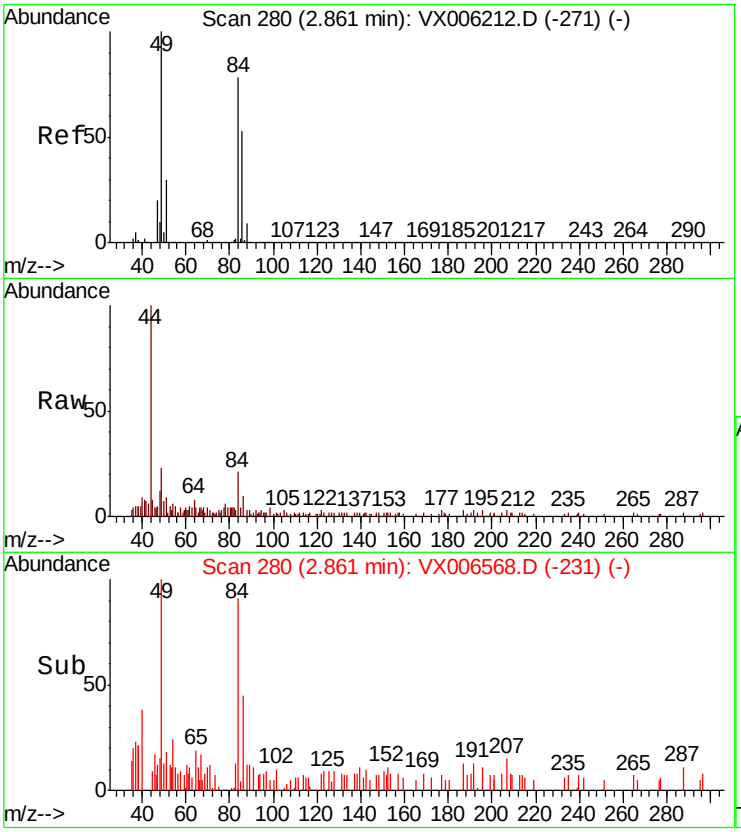


#19
Methyl tert-butyl Ether
Concen: 0.212 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 73 Resp: 4867

Ion	Ratio	Lower	Upper
73	100		
57	14.3	17.5	26.3#



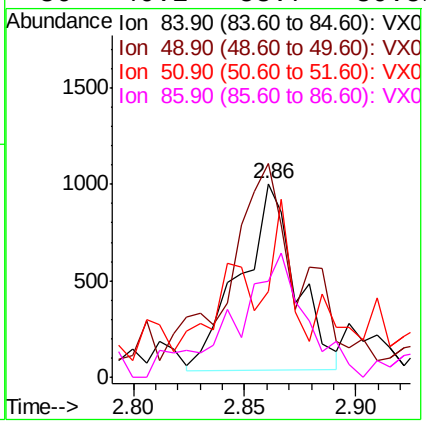


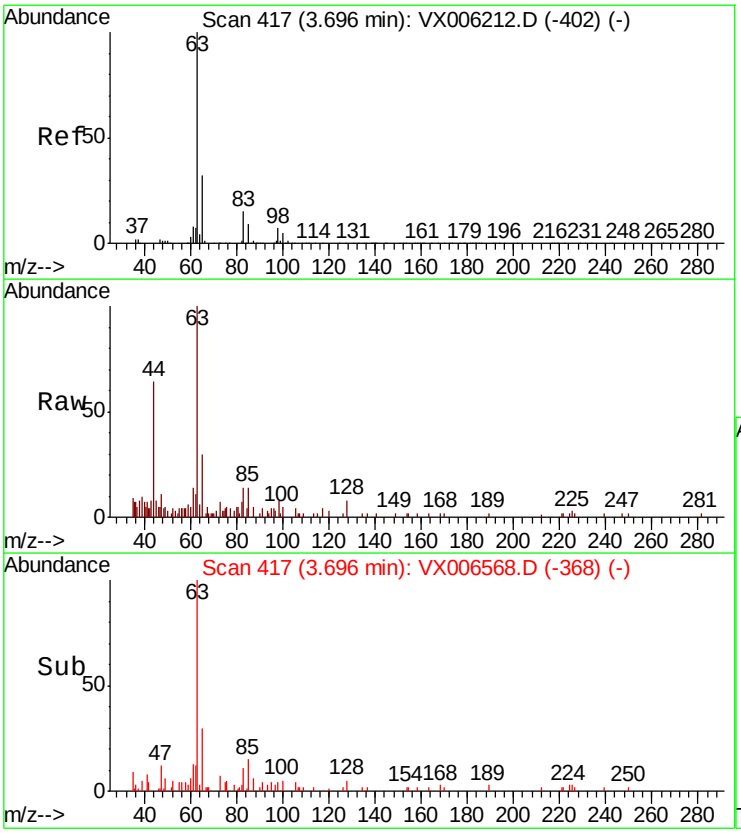
#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument : MSVOA_X
ClientSampleId : TT101D-20181212

Tgt Ion: 84 Resp: 1691

Ion	Ratio	Lower	Upper
84	100		
49	104.2	102.2	153.4
51	22.8	31.1	46.7#
86	40.2	53.7	80.5#

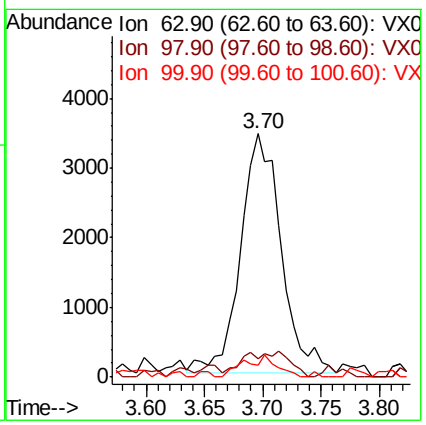


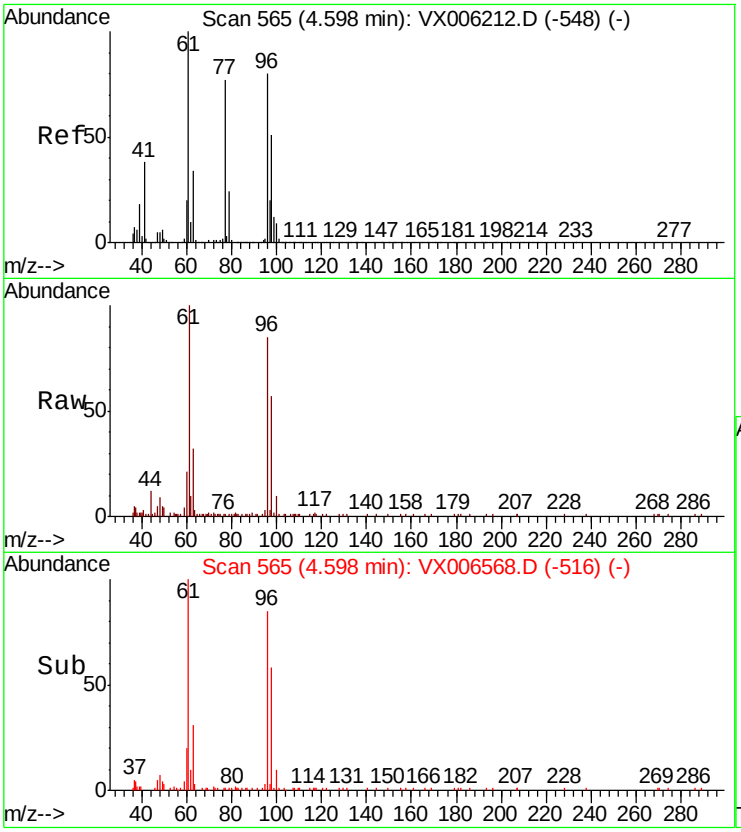


#24
1,1-Dichloroethane
Concen: 0.740 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 63 Resp: 8378

Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.8	11.4
100	4.8	2.5	7.4



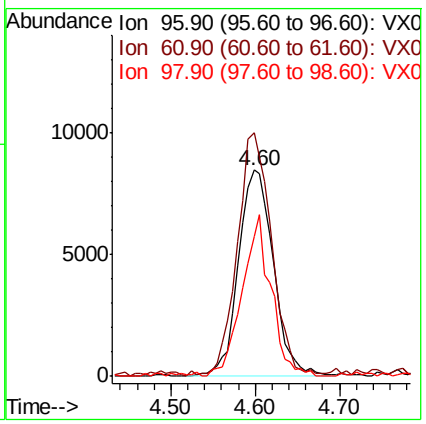


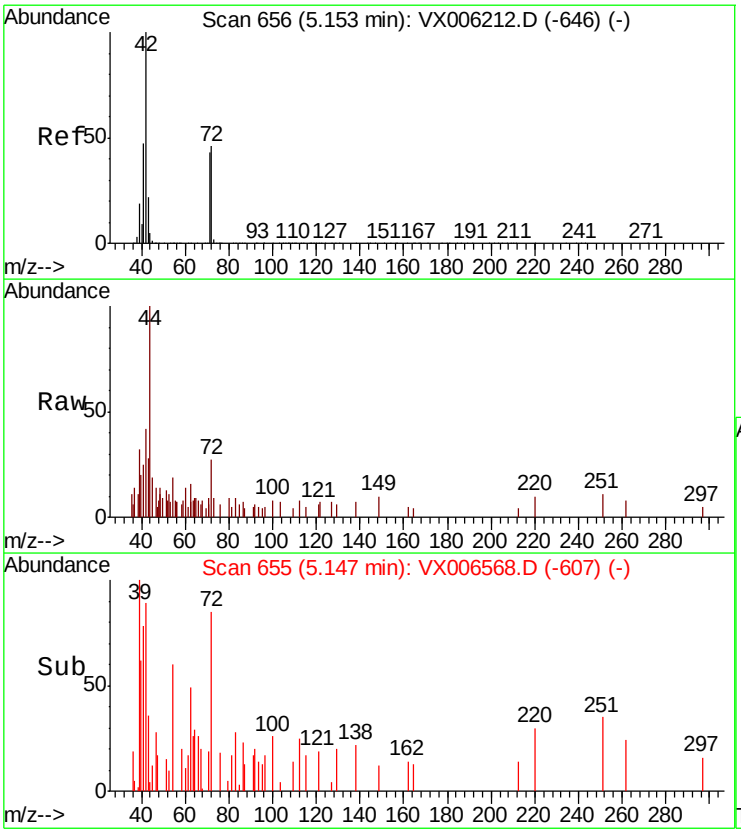
#27
cis-1,2-Dichloroethene
Concen: 3.129 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument : MSVOA_X
ClientSampleId : TT101D-20181212

Tgt Ion: 96 Resp: 23888

Ion	Ratio	Lower	Upper
96	100		
61	112.8	0.0	265.0
98	64.5	0.0	130.2

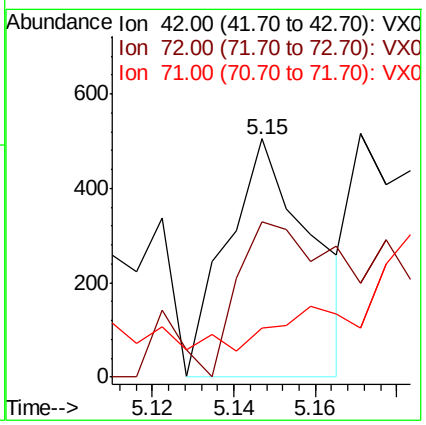


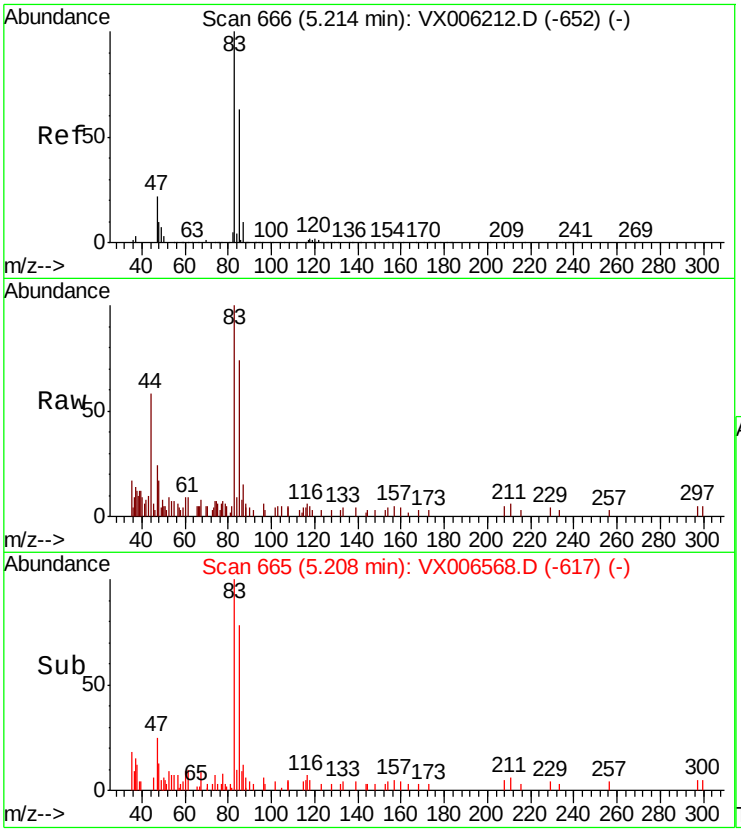


#29
Tetrahydrofuran
Concen: 0.214 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 42 Resp: 723

Ion	Ratio	Lower	Upper
42	100		
72	79.4	37.8	56.8#
71	0.0	35.2	52.8#



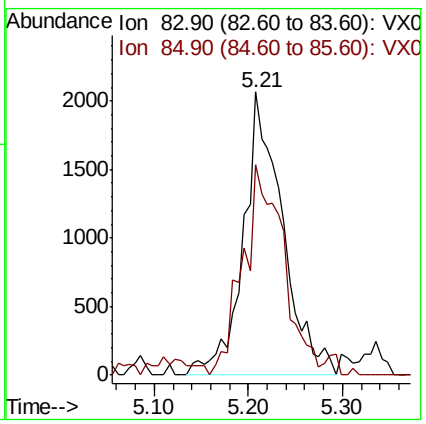


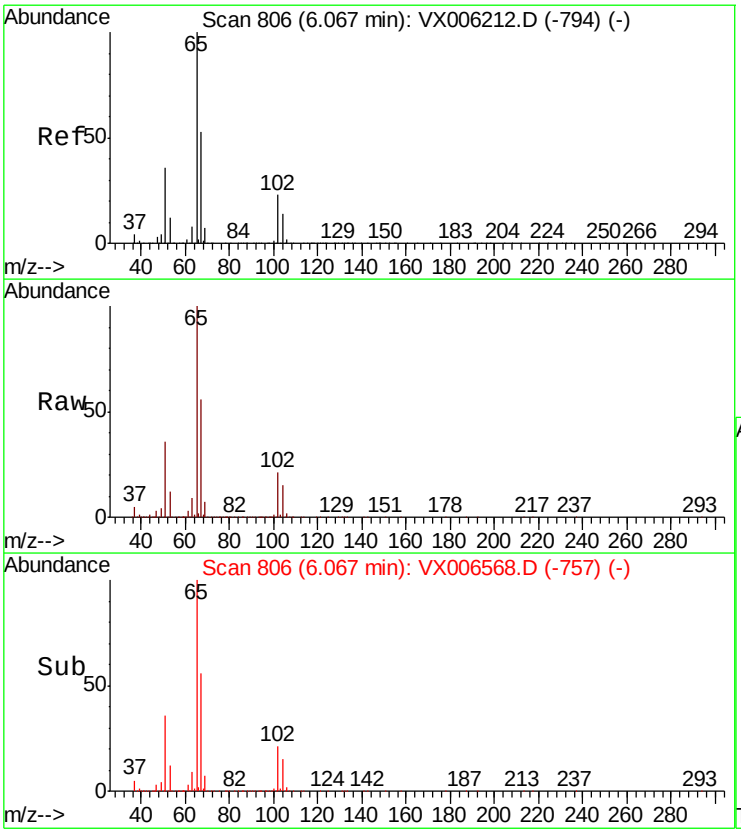
#30
Chloroform
Concen: 0.505 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

Tgt Ion: 83 Resp: 6006

Ion	Ratio	Lower	Upper
83	100		
85	70.9	50.3	75.5

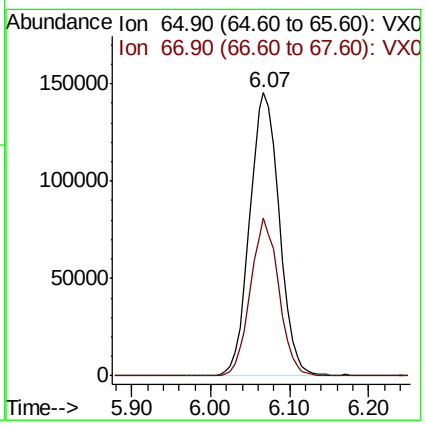


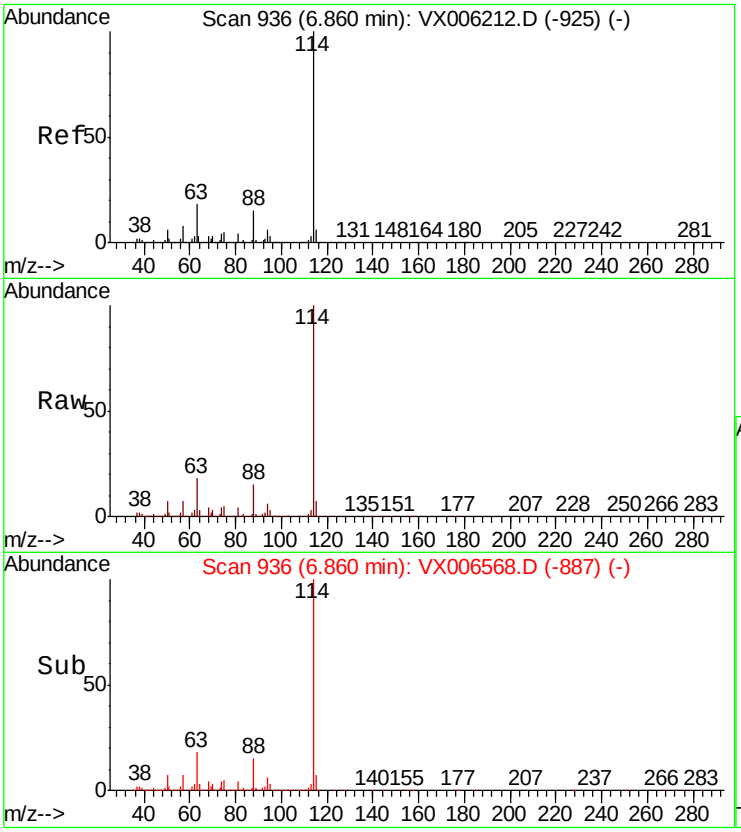


#33
1,2-Dichloroethane-d4
Concen: 52.514 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 65 Resp: 380526

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.2



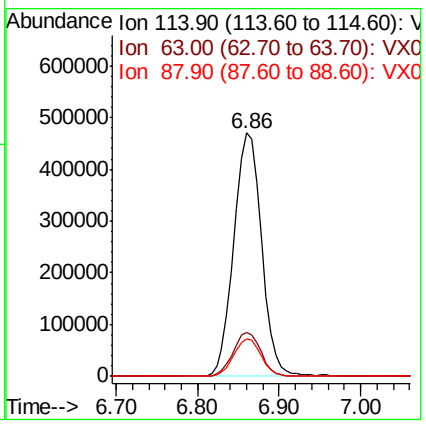


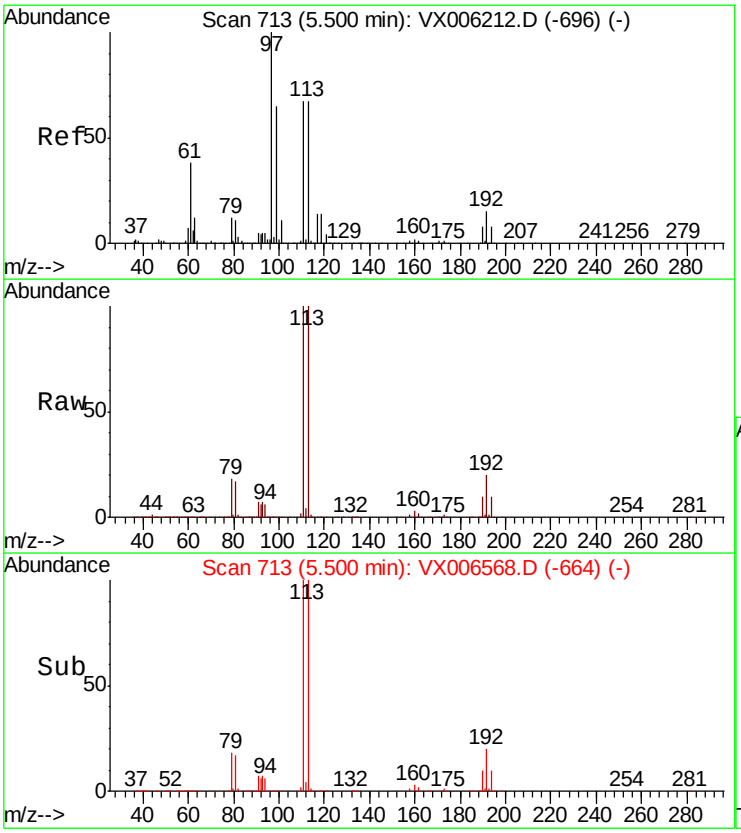
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

Tgt Ion:114 Resp: 1110394

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.6
88	15.3	0.0	29.0

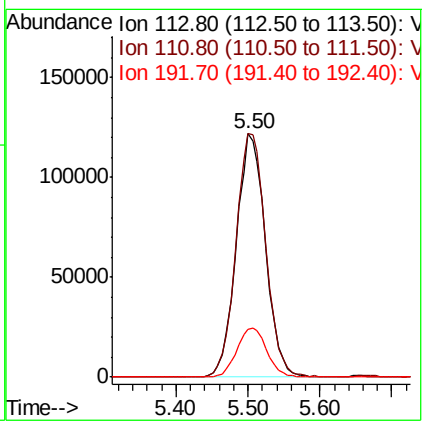


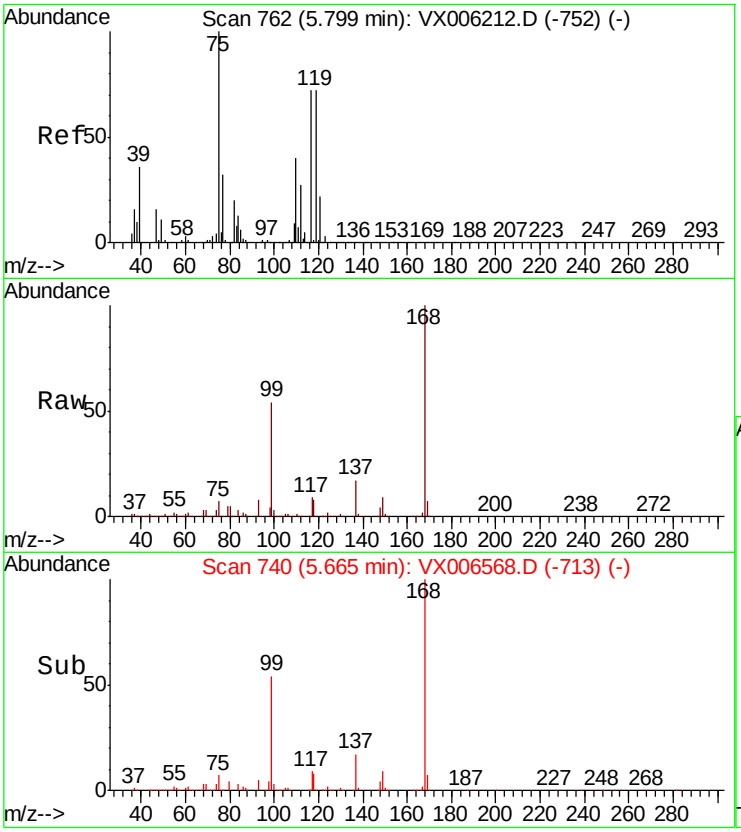


#35
Dibromofluoromethane
Concen: 47.514 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion:113 Resp: 341595

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	20.8	18.2	27.2



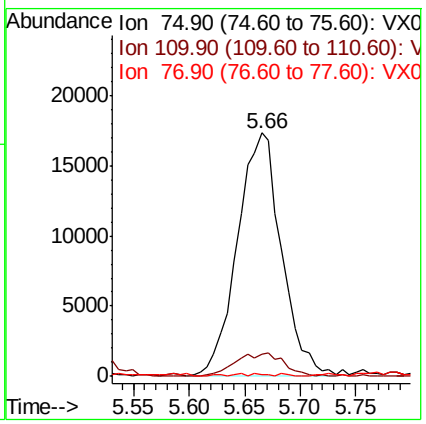


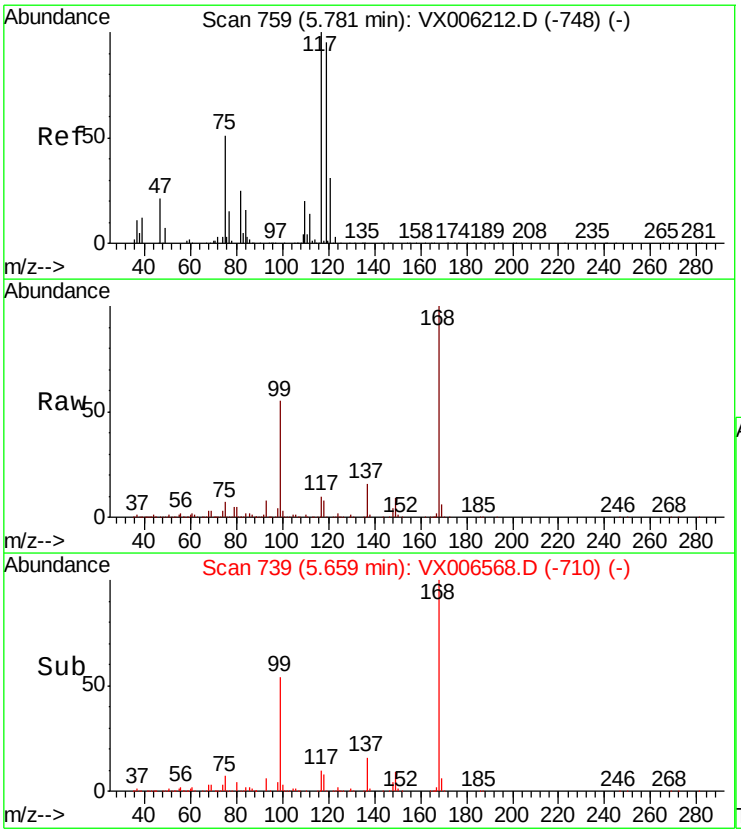
#36
1,1-Dichloropropene
Concen: 5.047 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

Tgt Ion: 75 Resp: 47194

Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.4	61.3#
77	0.2	24.9	37.3#

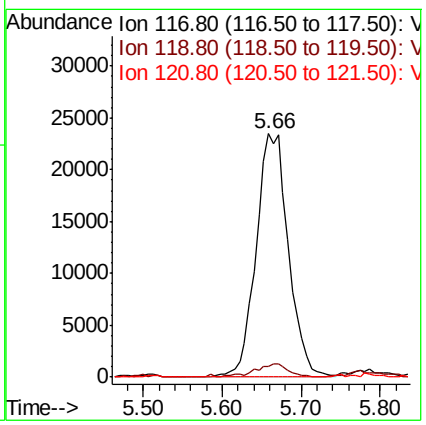


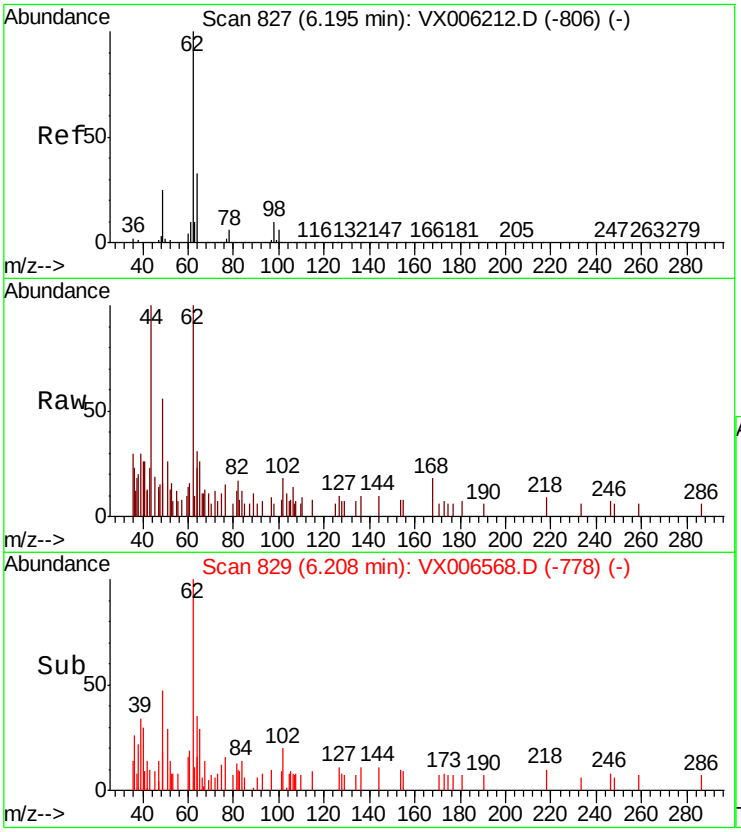


#38
Carbon Tetrachloride
Concen: 6.101 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion:117 Resp: 67114

Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.8	113.8#
121	0.0	24.6	37.0#

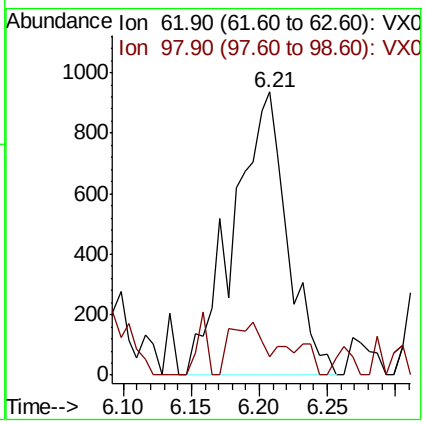




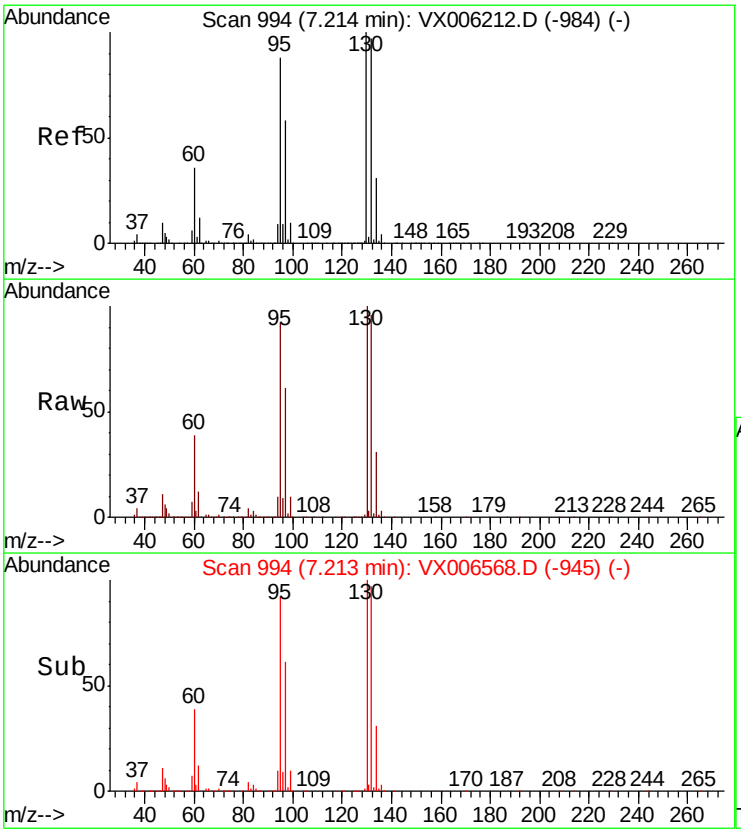
#42
1,2-Dichloroethane
Concen: 0.283 ug/l
RT: 6.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 62 Resp: 2594

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.2



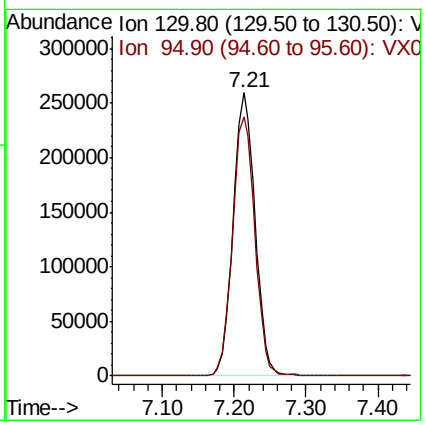
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

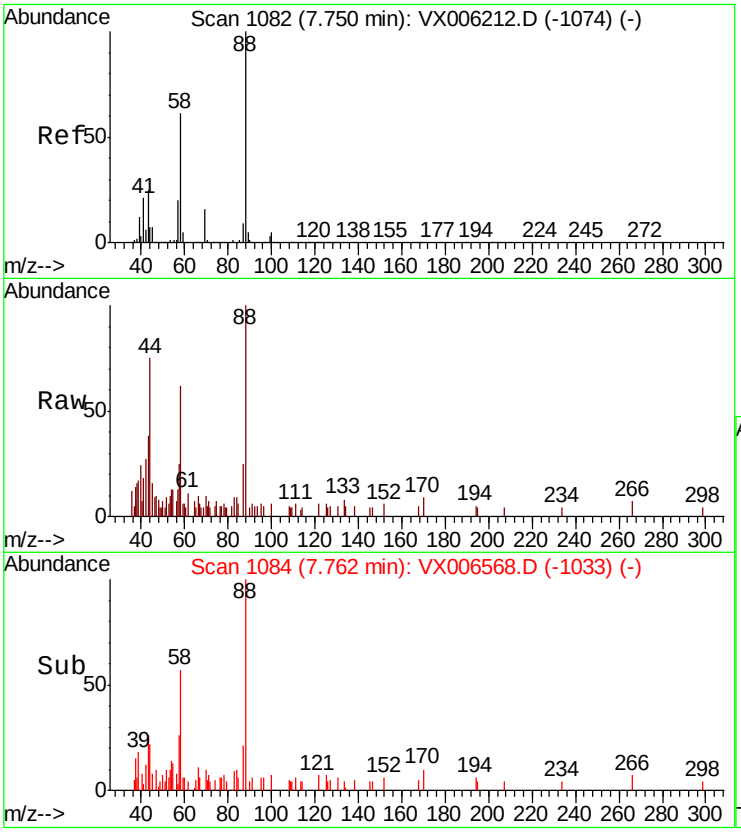


#44
Trichloroethene
Concen: 64.665 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion:130 Resp: 548632

Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	175.8



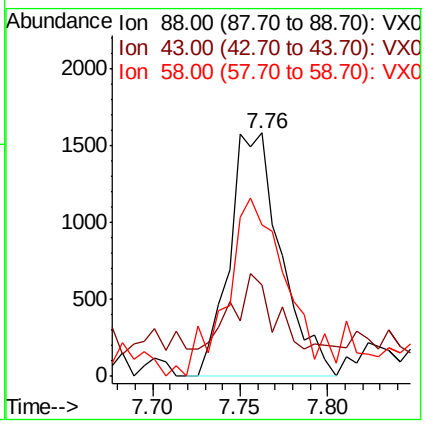


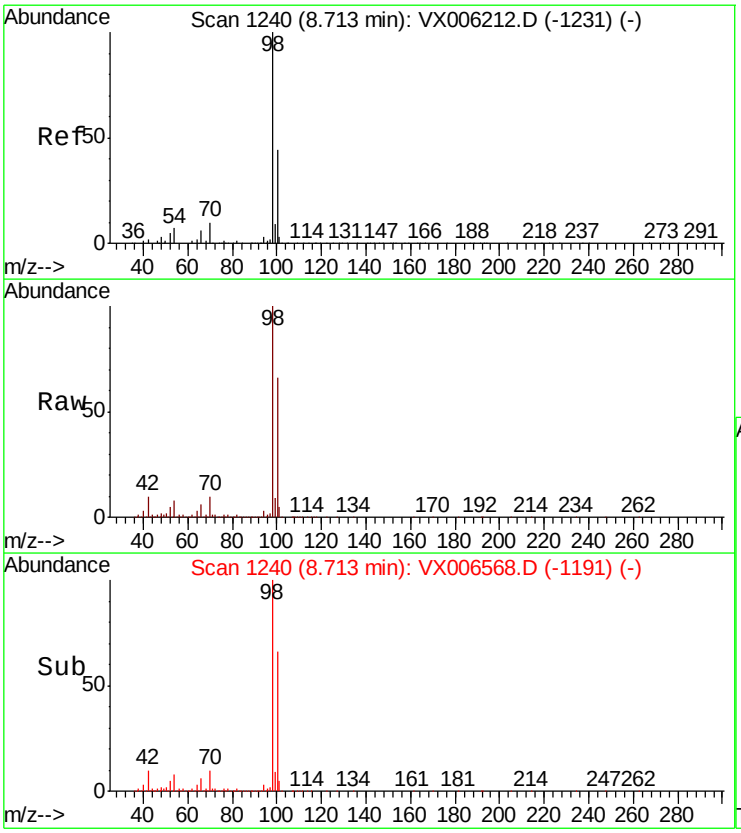
#49
1,4-Dioxane
Concen: 15.463 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

Tgt Ion: 88 Resp: 3237

Ion	Ratio	Lower	Upper
88	100		
43	31.3	23.2	34.8
58	86.0	51.4	77.0#

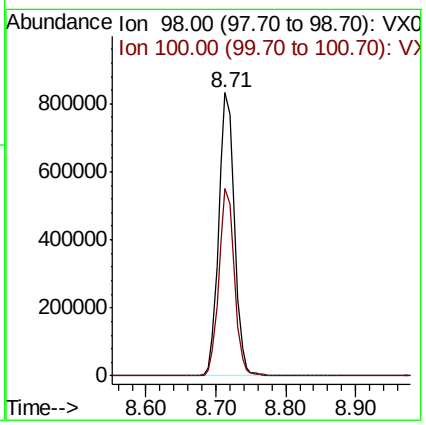


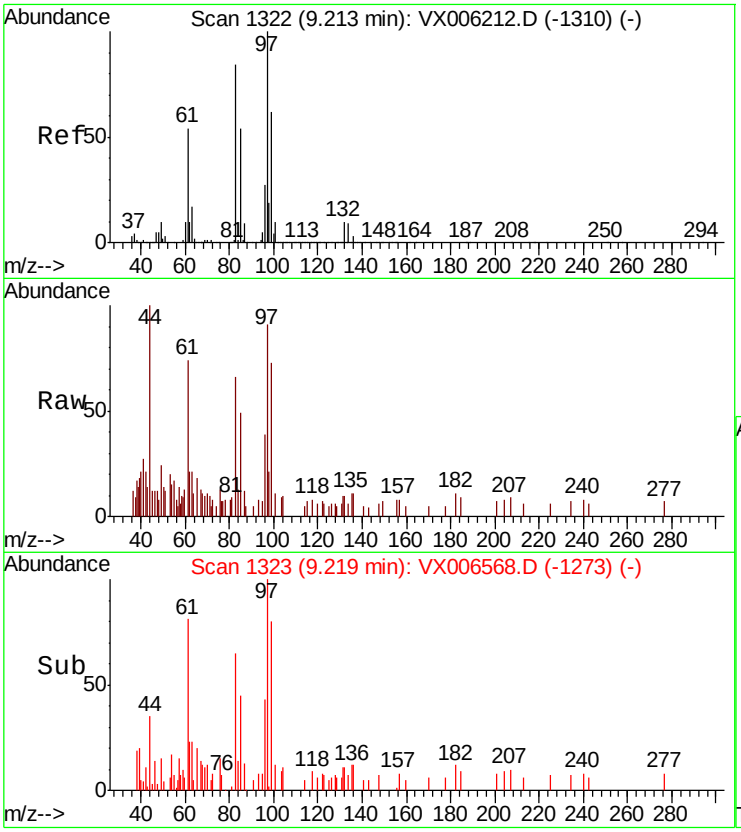


#50
Toluene-d8
Concen: 50.073 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 98 Resp: 1309443

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2



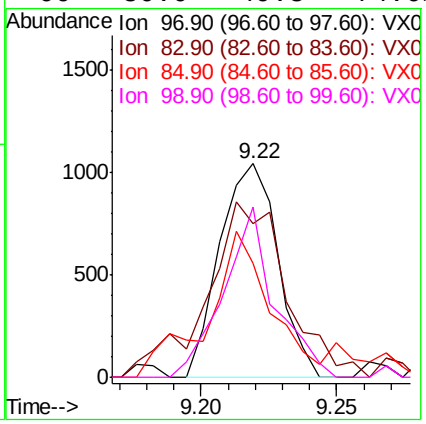


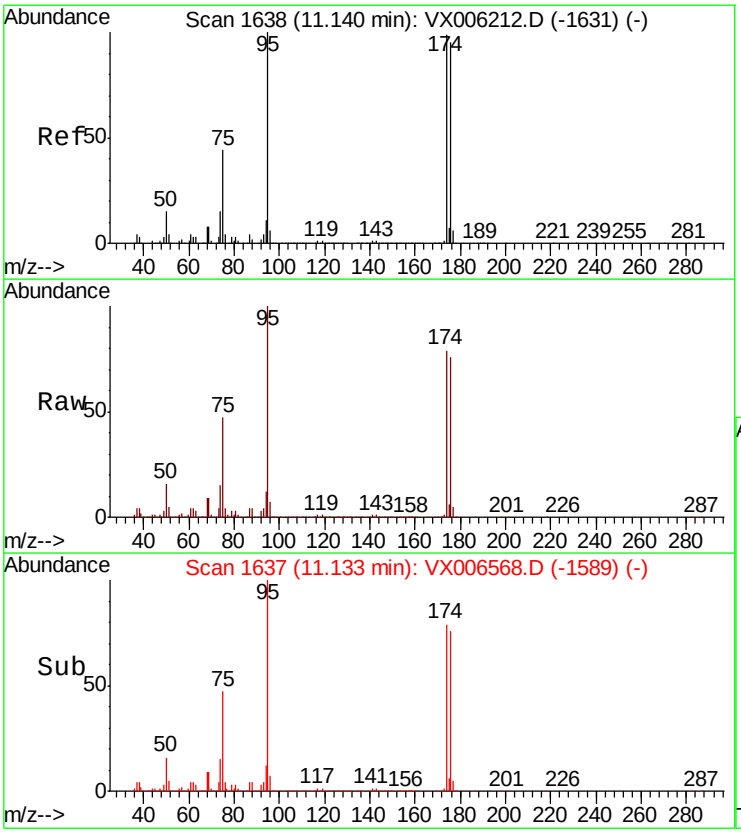
#55
1,1,2-Trichloroethane
Concen: 0.206 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument : MSVOA_X
ClientSampleId : TT101D-20181212

Tgt Ion: 97 Resp: 1544

Ion	Ratio	Lower	Upper
97	100		
83	66.6	67.1	100.7#
85	36.9	43.2	64.8#
99	80.0	49.8	74.6#

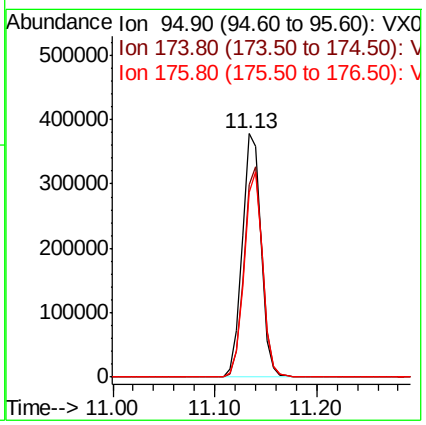


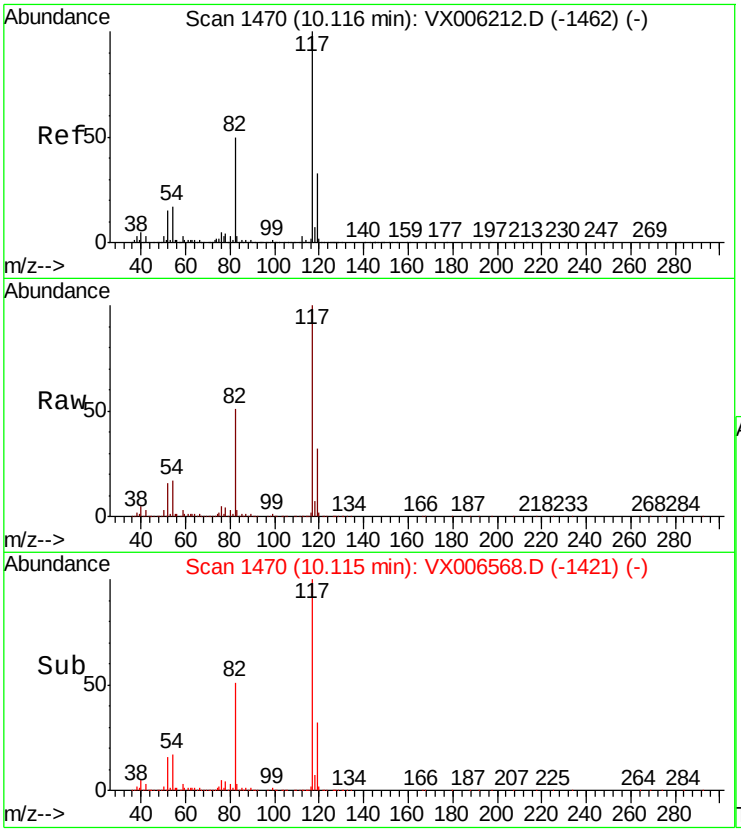


#62
4-Bromofluorobenzene
Concen: 48.705 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 95 Resp: 479959

Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	187.0
176	82.9	0.0	181.8



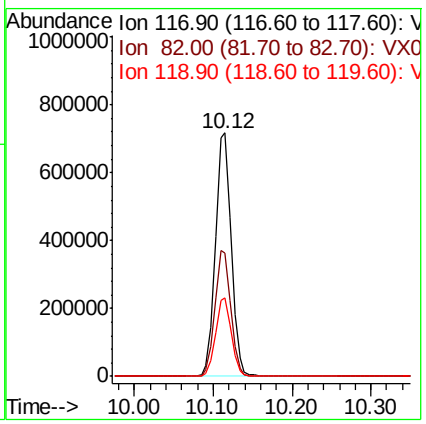


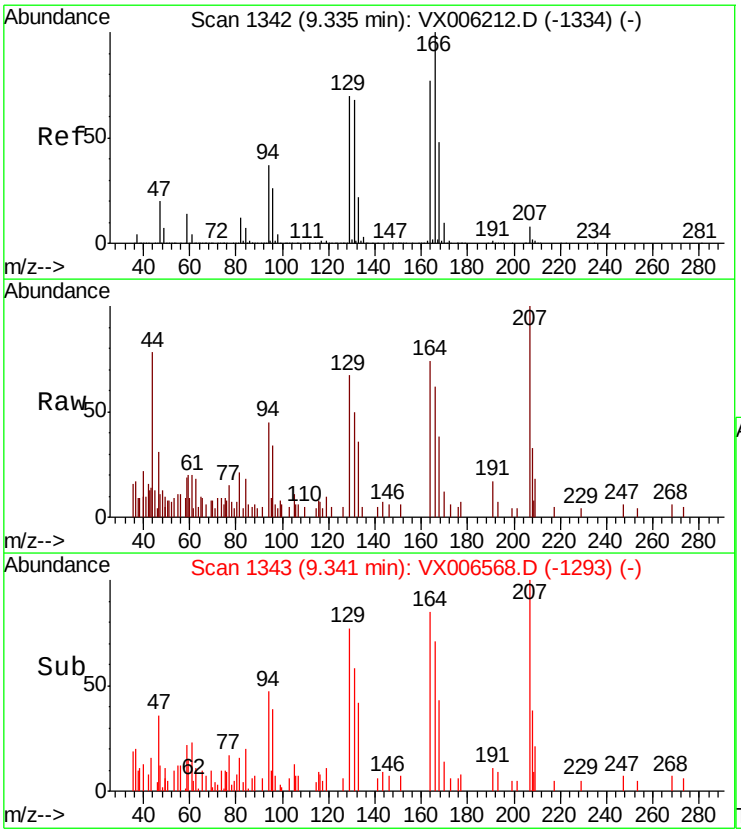
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument : MSVOA_X
ClientSampleId : TT101D-20181212

Tgt Ion:117 Resp: 1008156

Ion	Ratio	Lower	Upper
117	100		
82	50.8	39.6	59.4
119	32.1	26.3	39.5

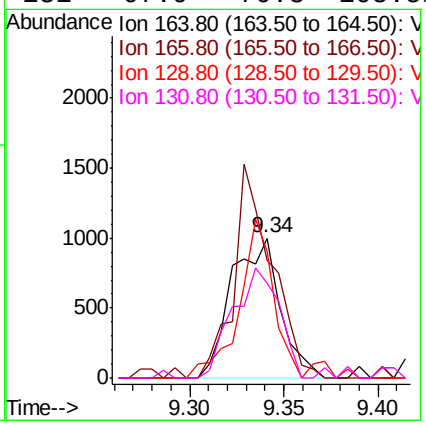


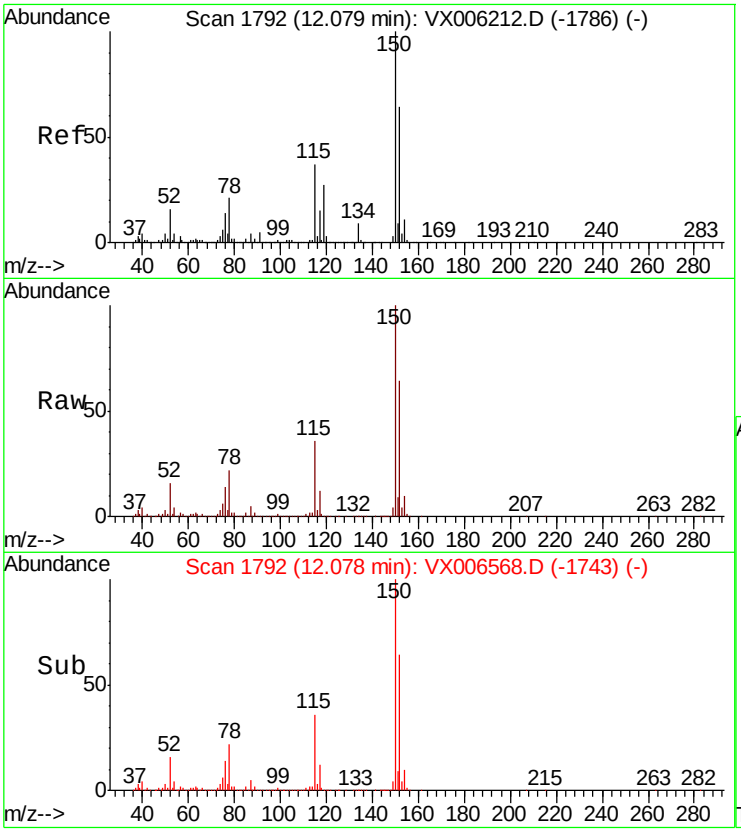


#64
Tetrachloroethene
Concen: 0.236 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion:164 Resp: 1791

Ion	Ratio	Lower	Upper
164	100		
166	83.9	104.2	156.2#
129	90.9	72.6	108.8
131	67.9	70.3	105.5#



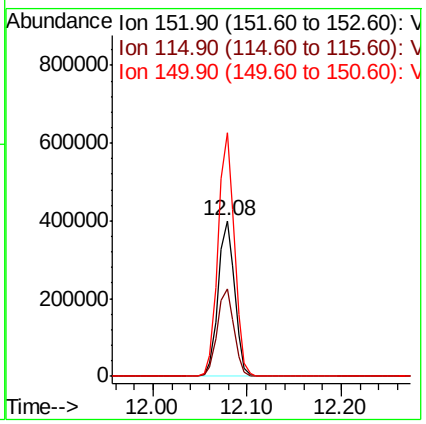


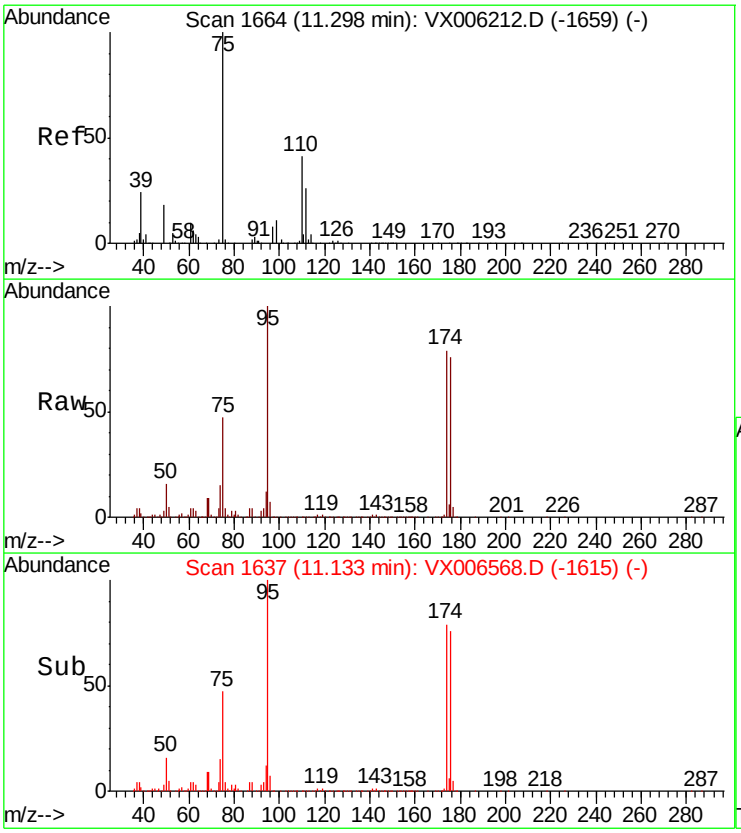
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument : MSVOA_X
ClientSampleId : TT101D-20181212

Tgt Ion:152 Resp: 485575

Ion	Ratio	Lower	Upper
152	100		
115	56.8	39.0	116.9
150	155.4	0.0	345.8

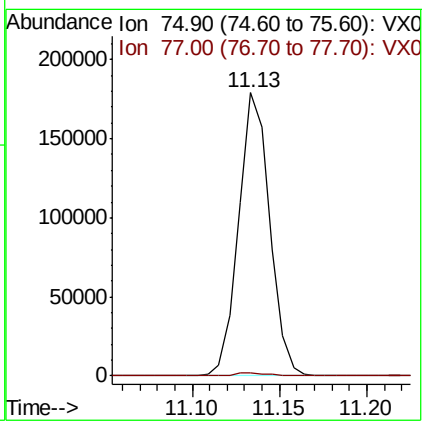


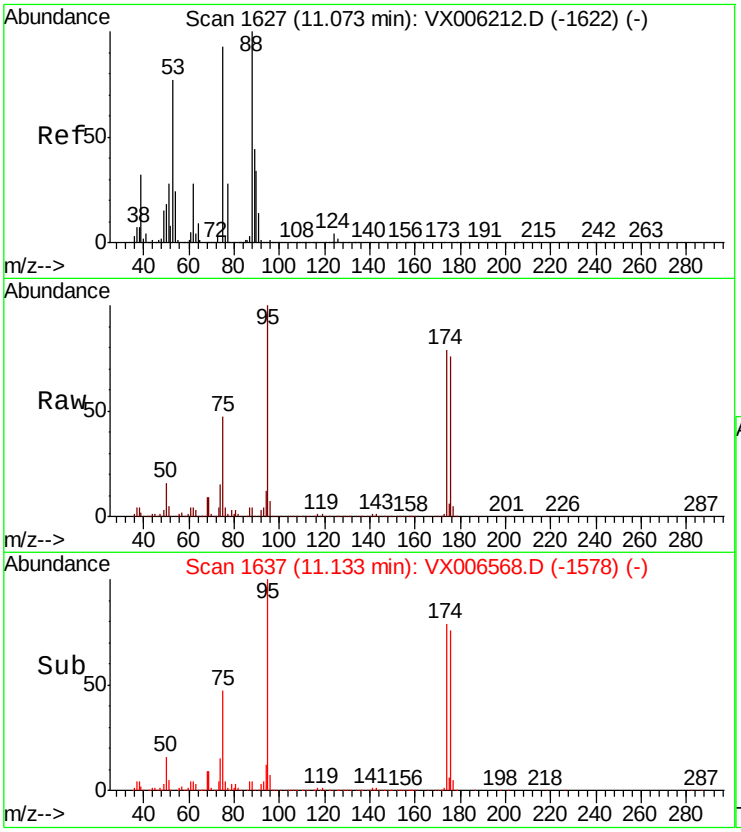


#76
1,2,3-Trichloropropane
Concen: 23.653 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 75 Resp: 221687

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.9	59.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 55.508 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

Tgt Ion: 75 Resp: 221687

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