Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121018\
Data File : VX006391.D
Acq On : 11 Dec 2018 01:32
Operator : JC/MD
Sample : J6324-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-120D1-20181205

Quant Time: Dec 11 04:59:09 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	723201	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	1116348	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	1016050	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	488652	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	373275	50.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.12%				
35) Dibromofluoromethane	5.50	113	345142	47.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.50%				
50) Toluene-d8	8.71	98	1304304	49.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.22%				
62) 4-Bromofluorobenzene	11.14	95	484672	48.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	2147	0.303	ug/l		90
7) Trichlorofluoromethane	1.93	101	3837	0.319	ug/l		89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104645	15.308	ug/l		98
11) Tert butyl alcohol	3.03	59	4775	2.365	ug/l		98
12) 1,1-Dichloroethene	2.38	96	57460	8.781	ug/l		91
13) Acrolein	2.29	56	454	0.411	ug/l		97
16) Acetone	2.45	43	4566	1.318	ug/l	#	87
20) Methylene Chloride	2.86	84	2340	0.317	ug/l	#	86
24) 1,1-Dichloroethane	3.70	63	16269	1.410	ug/l		95
27) cis-1,2-Dichloroethene	4.60	96	22352	2.873	ug/l		89
29) Tetrahydrofuran	5.16	42	1183	0.344	ug/l	#	49
30) Chloroform	5.23	83	6593	0.544	ug/l		92
32) 1,1,1-Trichloroethane	5.51	97	7031	0.609	ug/l	#	45
36) 1,1-Dichloropropene	5.66	75	44549	4.739	ug/l	#	49
38) Carbon Tetrachloride	5.78	117	5081	0.459	ug/l	#	91
39) Methylcyclohexane	7.22	83	67837	5.559	ug/l	#	1
42) 1,2-Dichloroethane	6.19	62	2844	0.309	ug/l		99
44) Trichloroethene	7.22	130	6443744	755.445	ug/l		95
49) 1,4-Dioxane	7.76	88	6038	28.690	ug/l		98
55) 1,1,2-Trichloroethane	9.22	97	5593	0.743	ug/l		97
60) Dibromochloromethane	9.34	129	21414	2.308	ug/l	#	11
64) Tetrachloroethene	9.34	164	23687	3.096	ug/l		94
76) 1,2,3-Trichloropropane	11.13	75	219105	23.231	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.13	75	219105	54.516	ug/l	#	15

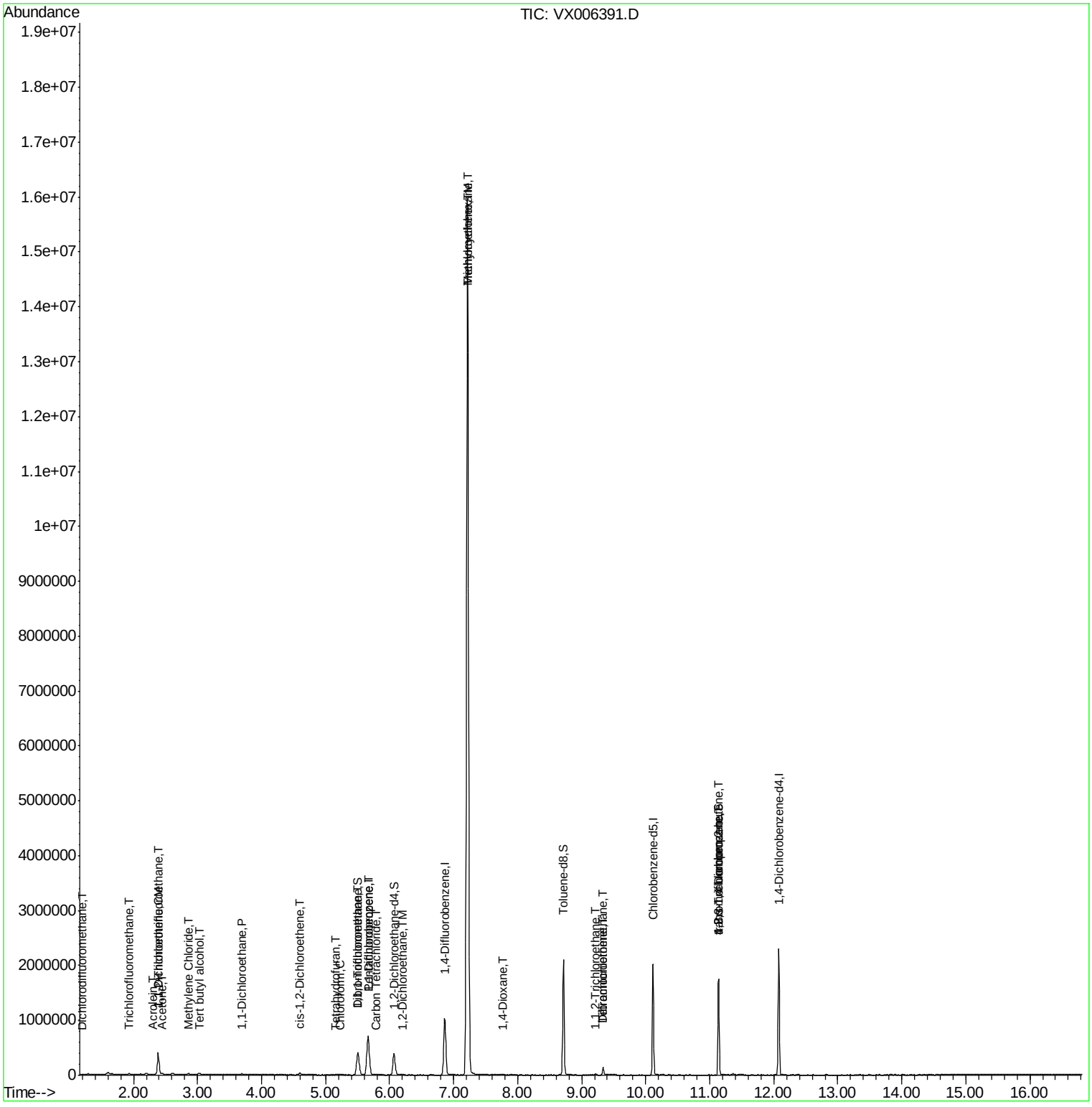
(#) = qualifier out of range (m) = manual integration (+) = signals summed

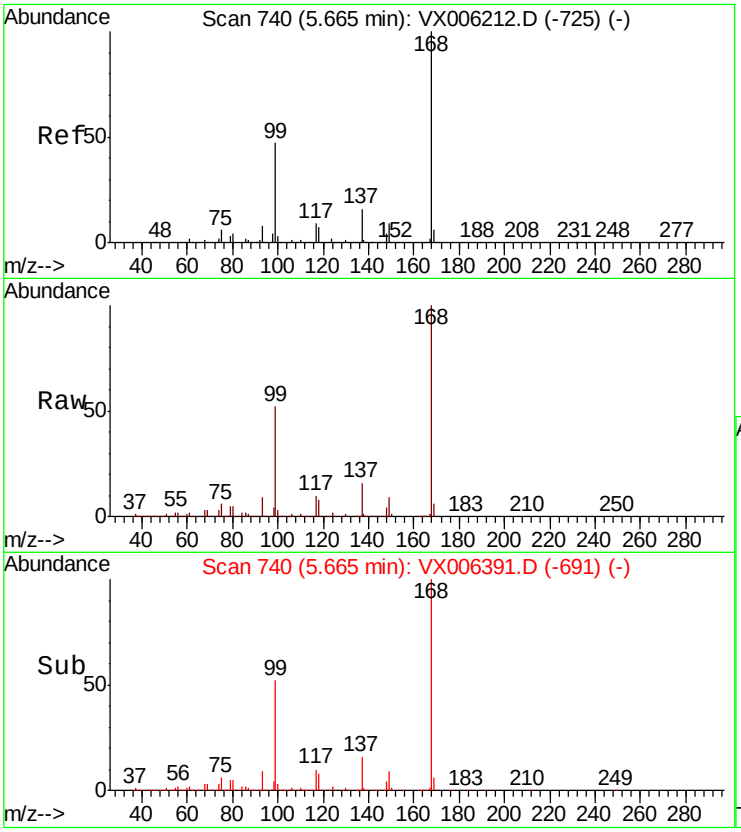
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
Data File : VX006391.D
Acq On : 11 Dec 2018 01:32
Operator : JC/MD
Sample : J6324-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-120D1-20181205

Quant Time: Dec 11 04:59:09 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



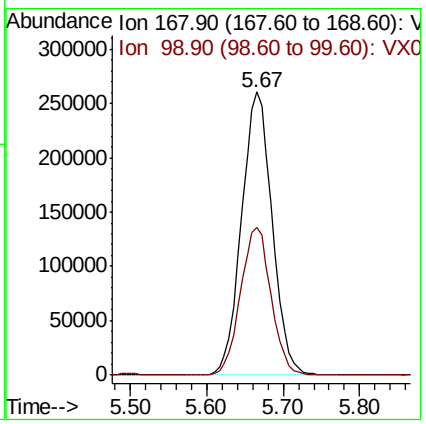


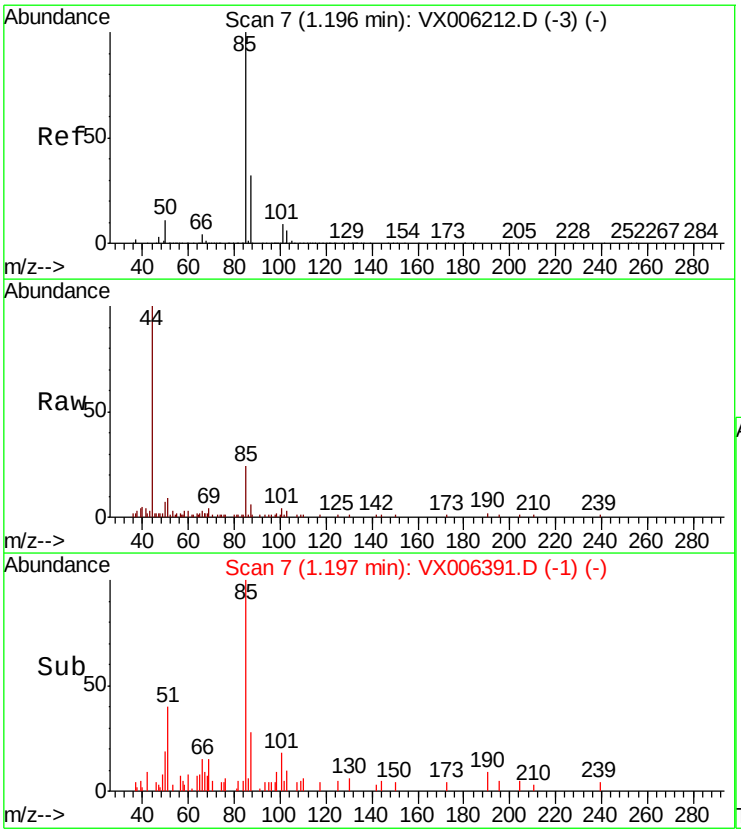
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion:168 Resp: 723201

Ion	Ratio	Lower	Upper
168	100		
99	51.9	37.8	56.8

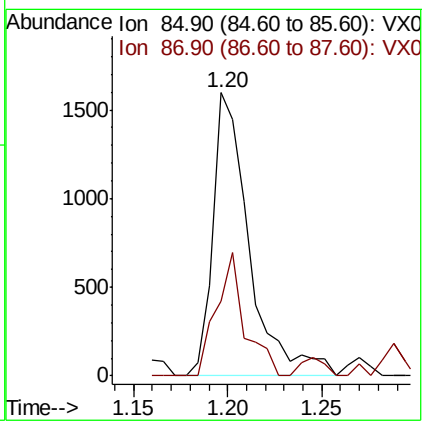


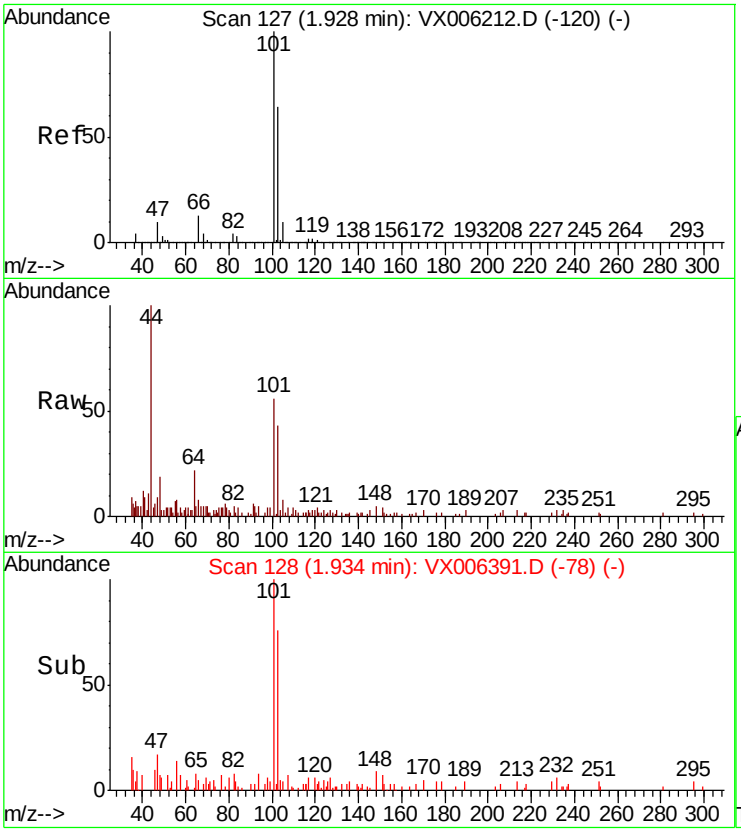


#2
Dichlorodifluoromethane
Concen: 0.303 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion: 85 Resp: 2147

Ion	Ratio	Lower	Upper
85	100		
87	26.4	16.1	48.2



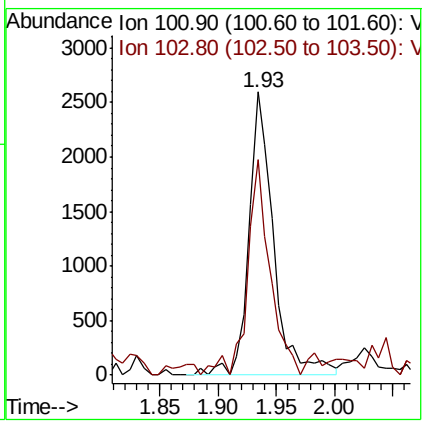


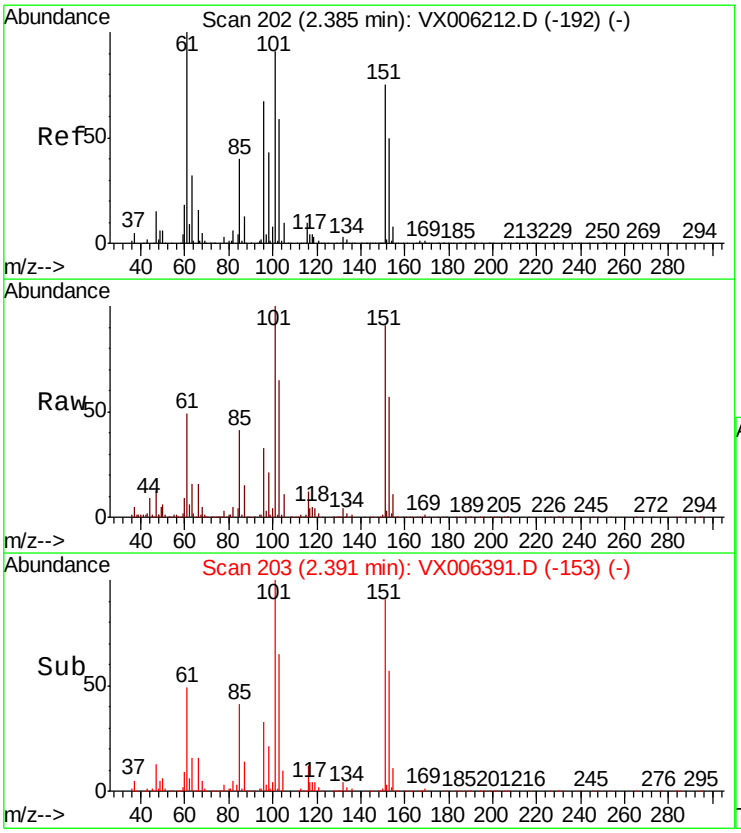
#7
Trichlorofluoromethane
Concen: 0.319 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion:101 Resp: 3837

Ion	Ratio	Lower	Upper
101	100		
103	72.4	51.0	76.4

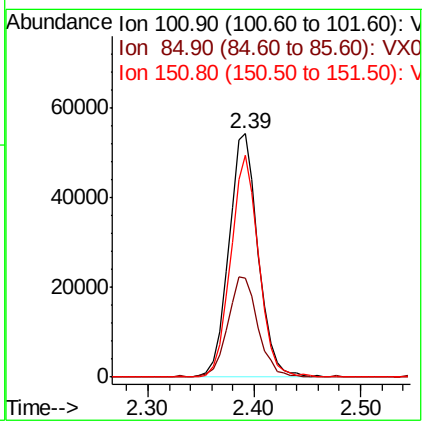


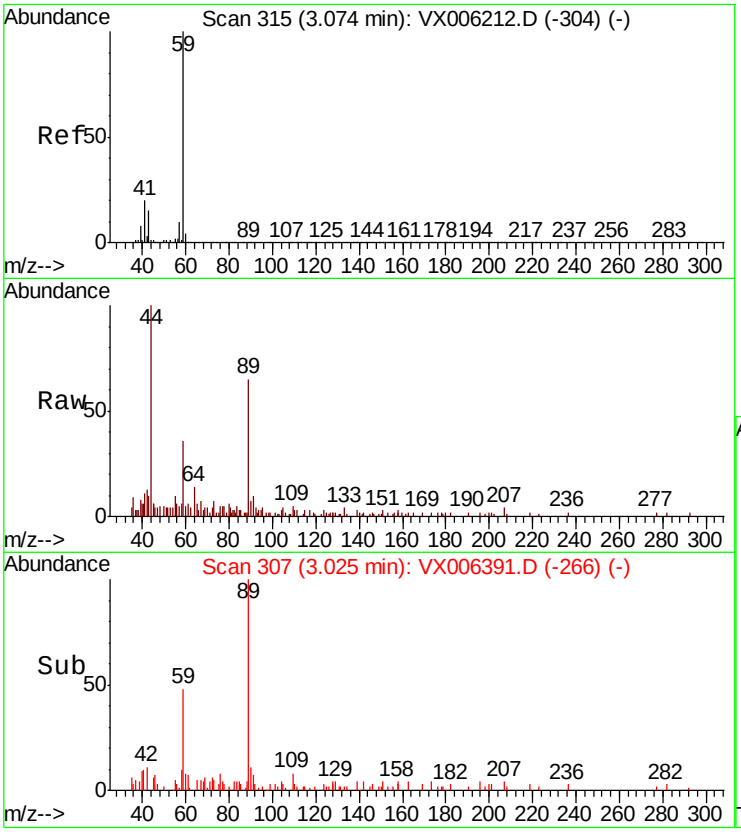


#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.308 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion:101 Resp: 104645

Ion	Ratio	Lower	Upper
101	100		
85	42.3	35.5	53.3
151	87.3	68.6	103.0



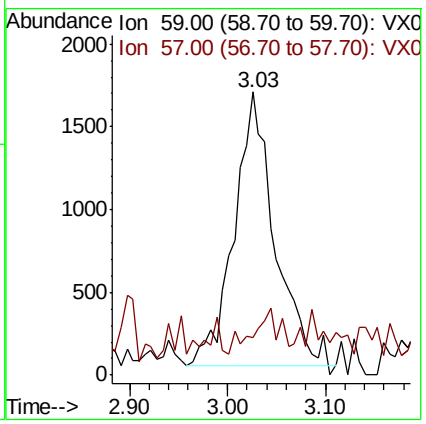


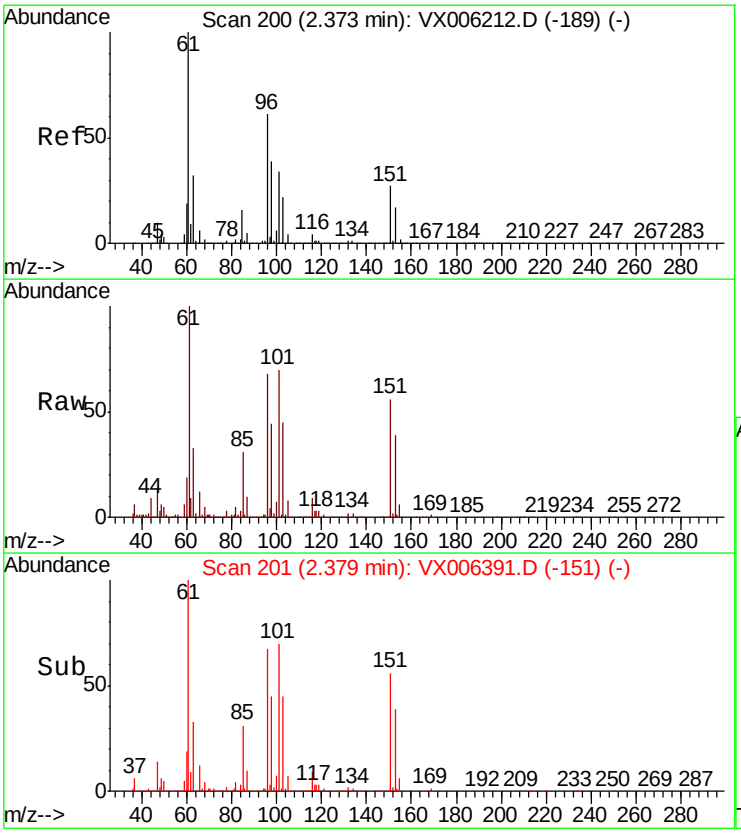
#11
Tert butyl alcohol
Concen: 2.365 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 59 Resp: 4775

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.2

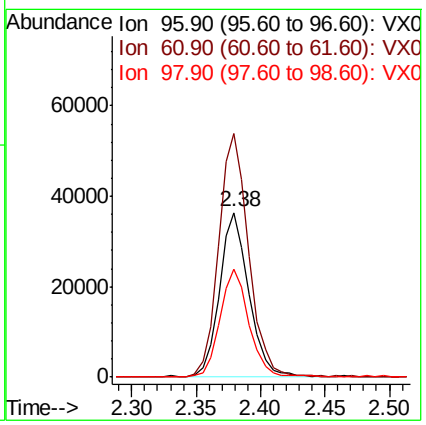


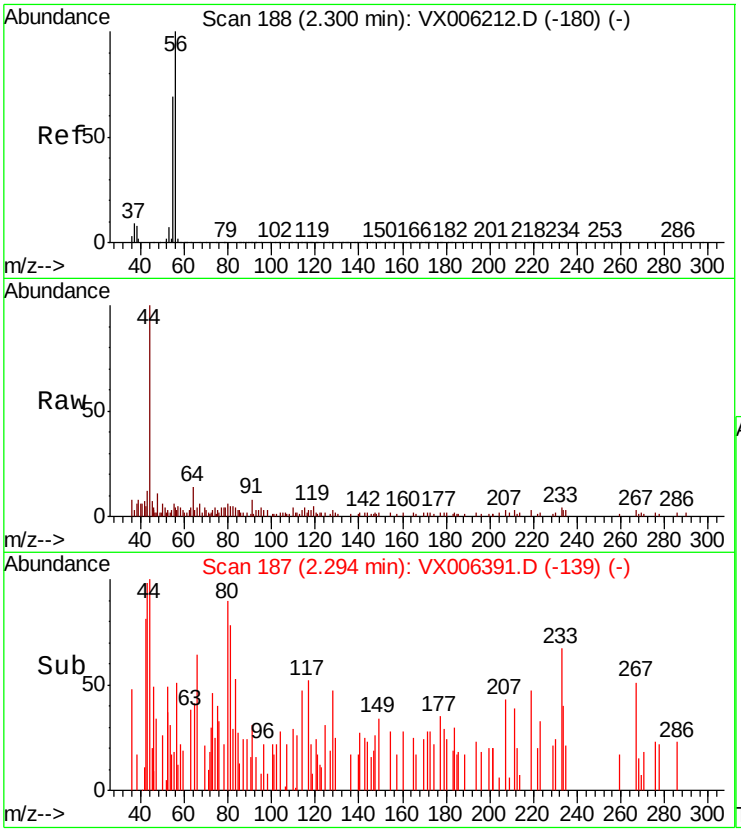


#12
1,1-Dichloroethene
Concen: 8.781 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion: 96 Resp: 57460

Ion	Ratio	Lower	Upper
96	100		
61	148.0	131.7	197.5
98	65.8	51.8	77.6



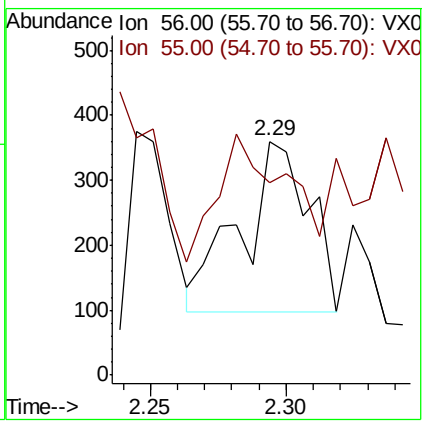


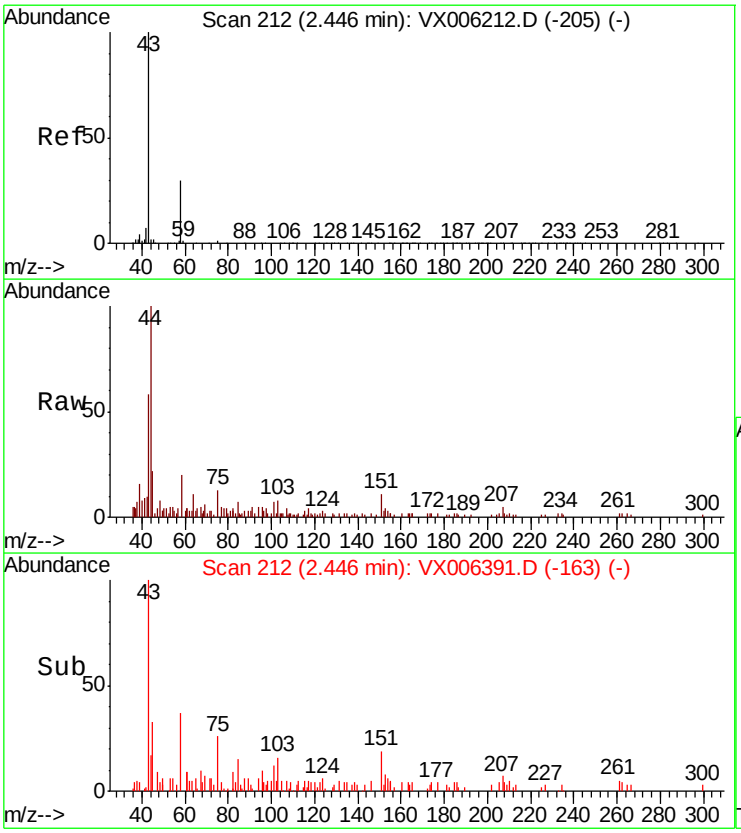
#13
Acrolein
Concen: 0.411 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 56 Resp: 454

Ion	Ratio	Lower	Upper
56	100		
55	74.4	57.8	86.6

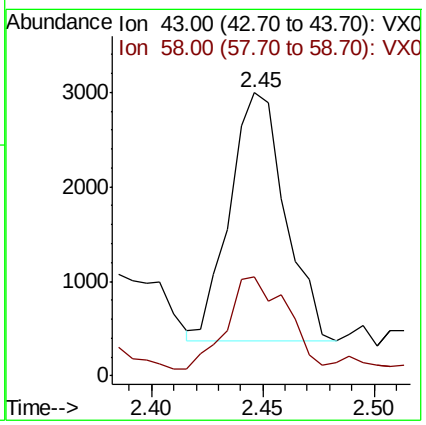


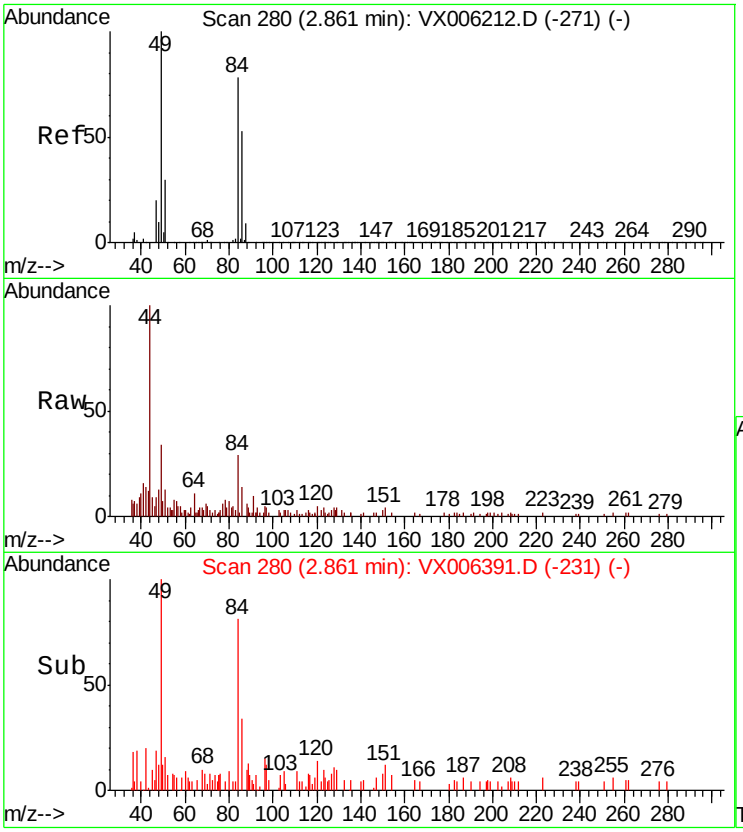


#16
Acetone
Concen: 1.318 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion: 43 Resp: 4566

Ion	Ratio	Lower	Upper
43	100		
58	37.1	24.0	36.0#



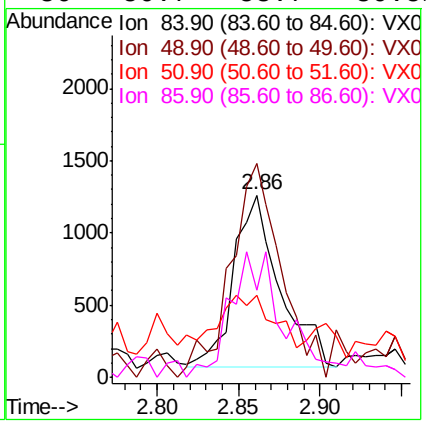


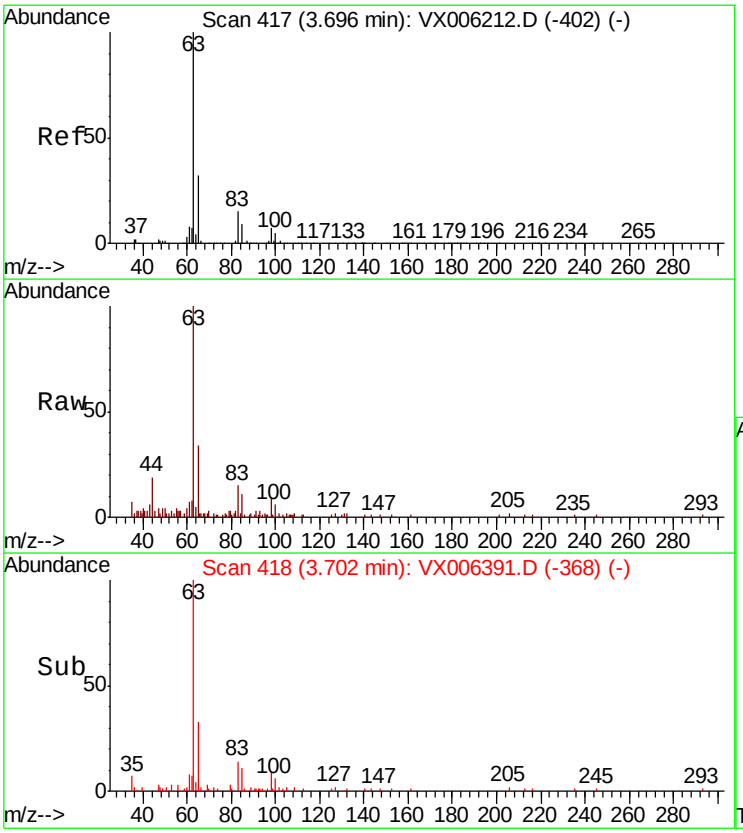
#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 84 Resp: 2340

Ion	Ratio	Lower	Upper
84	100		
49	118.6	102.2	153.4
51	23.6	31.1	46.7#
86	50.7	53.7	80.5#

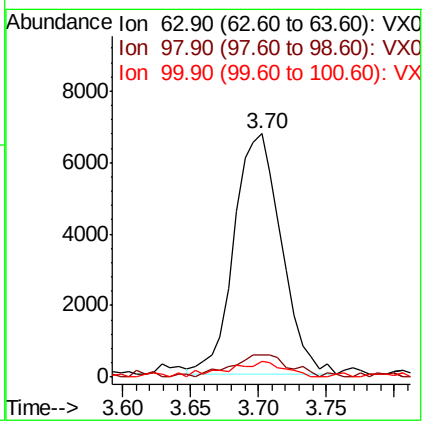


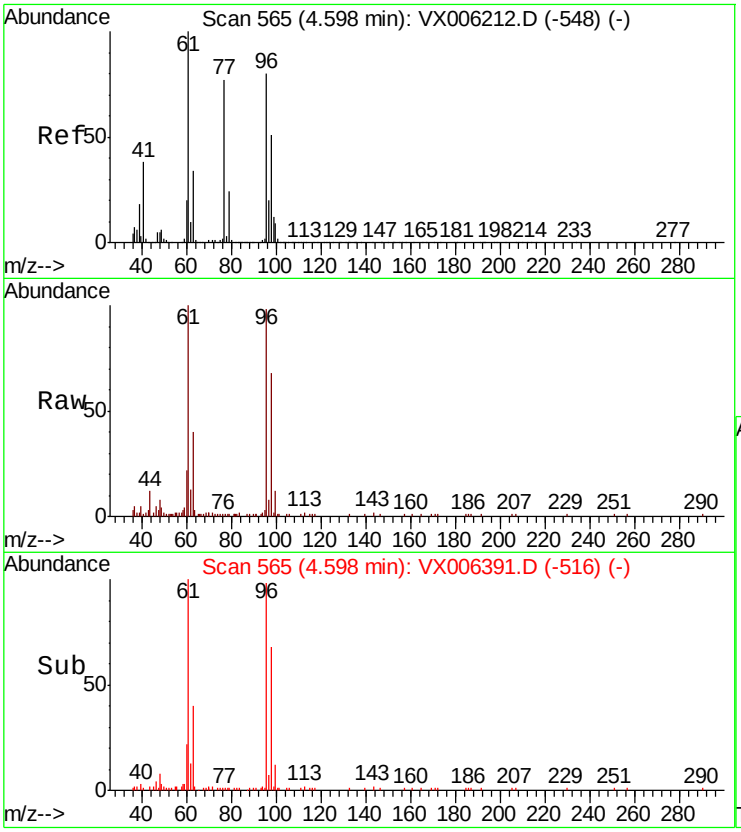


#24
1,1-Dichloroethane
Concen: 1.410 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion: 63 Resp: 16269

Ion	Ratio	Lower	Upper
63	100		
98	9.7	3.8	11.4
100	6.4	2.5	7.4



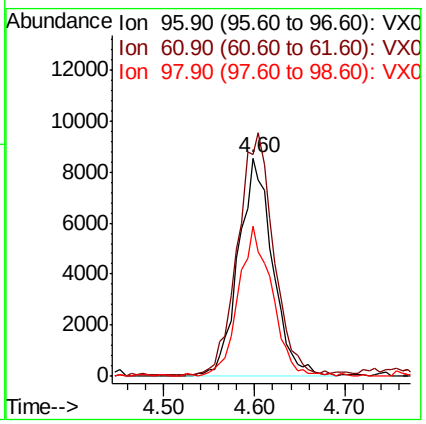


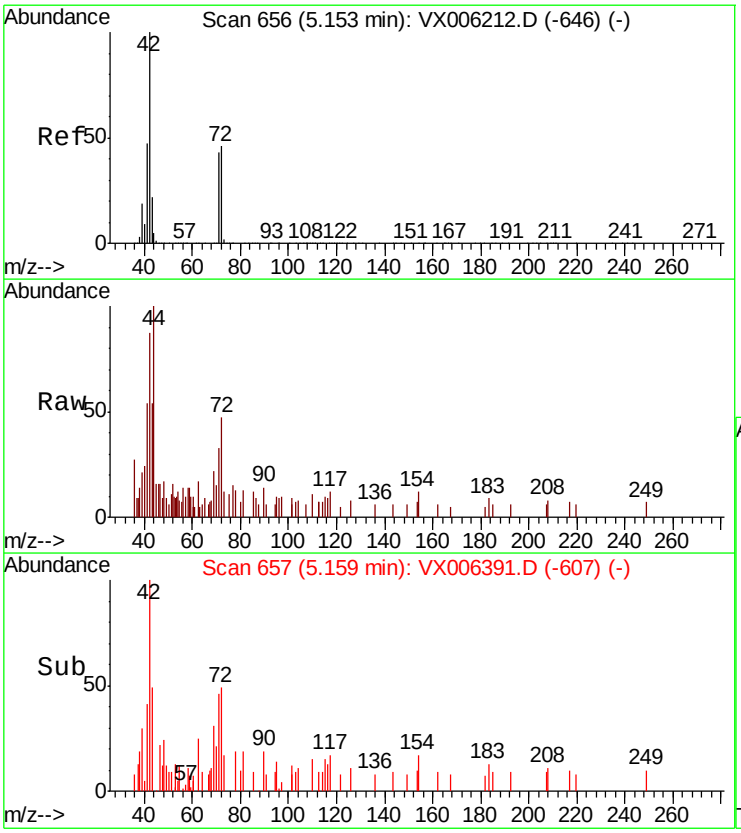
#27
cis-1,2-Dichloroethene
Concen: 2.873 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 96 Resp: 22352

Ion	Ratio	Lower	Upper
96	100		
61	115.2	0.0	265.0
98	67.0	0.0	130.2

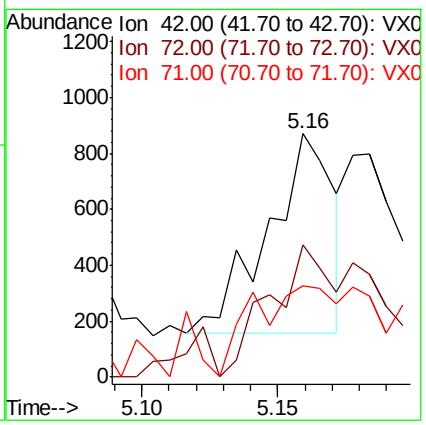


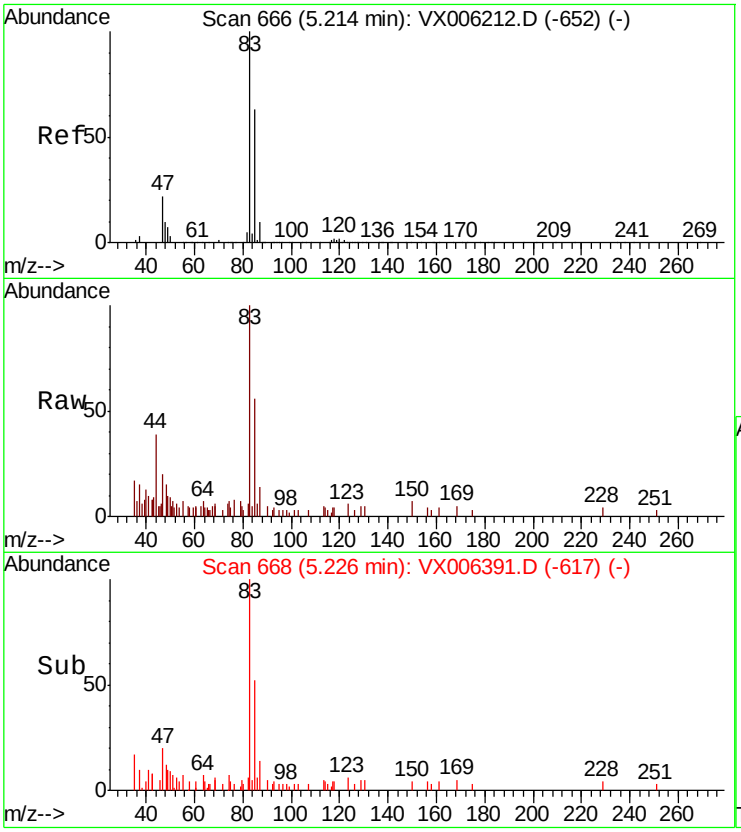


#29
Tetrahydrofuran
Concen: 0.344 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion: 42 Resp: 1183

Ion	Ratio	Lower	Upper
42	100		
72	62.9	37.8	56.8#
71	95.8	35.2	52.8#



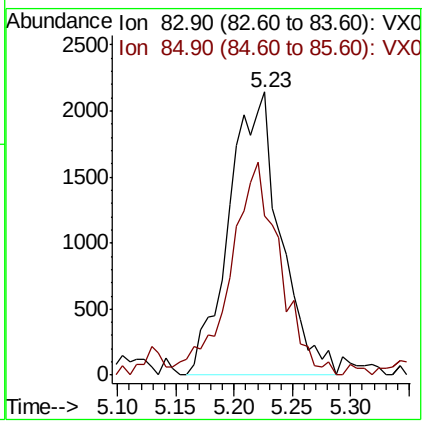


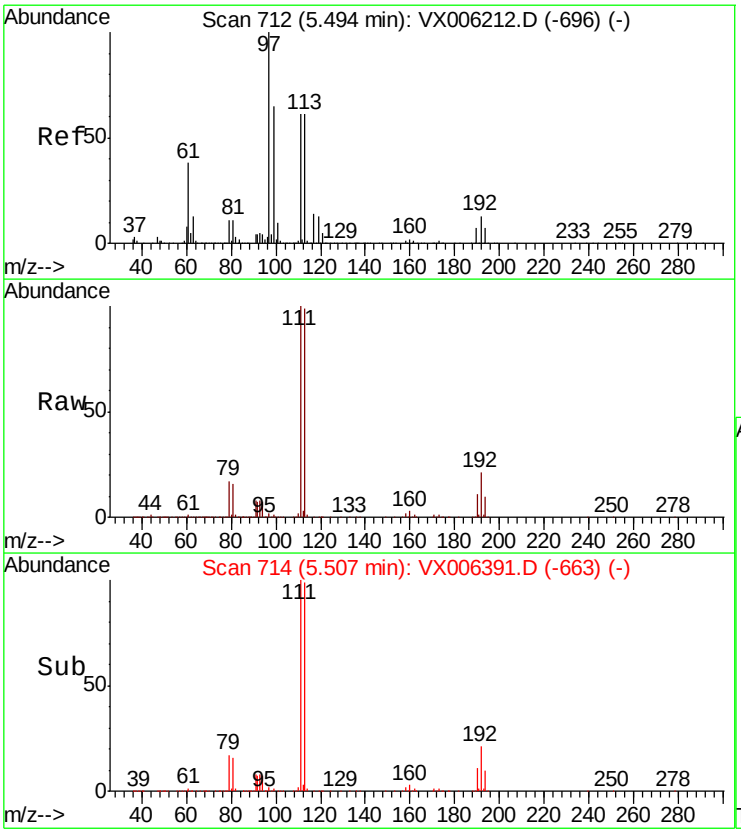
#30
Chloroform
Concen: 0.544 ug/l
RT: 5.23 min Scan# 668
Delta R.T. 0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 83 Resp: 6593

Ion	Ratio	Lower	Upper
83	100		
85	56.4	50.3	75.5

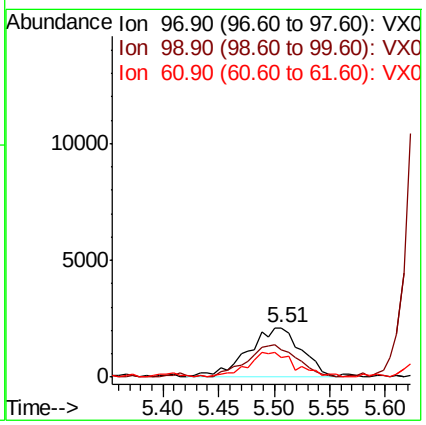


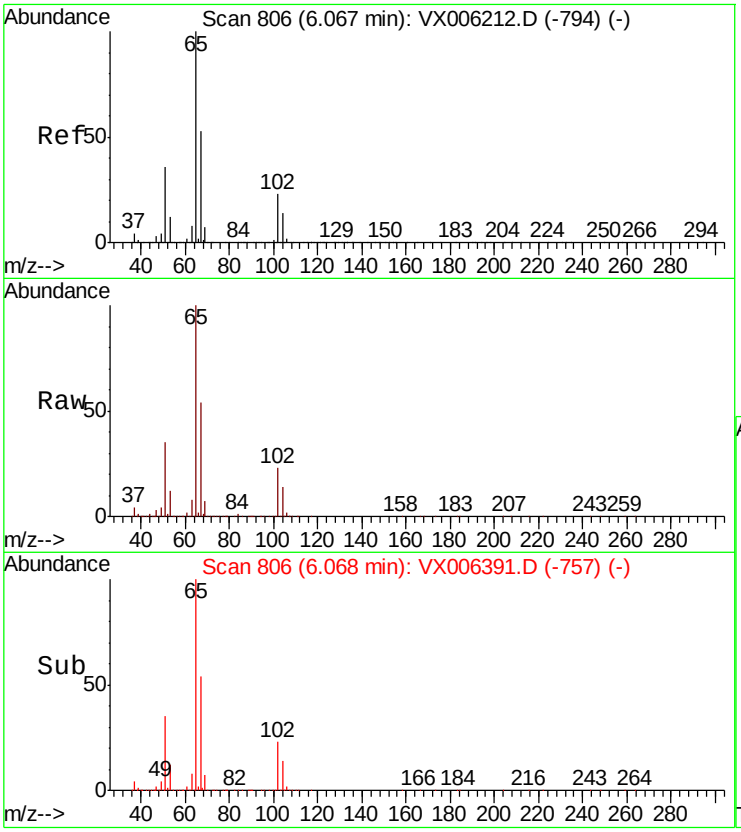


#32
1,1,1-Trichloroethane
Concen: 0.609 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion: 97 Resp: 7031

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	44.6	30.6	46.0



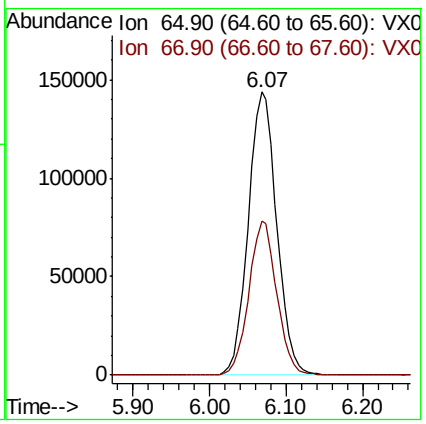


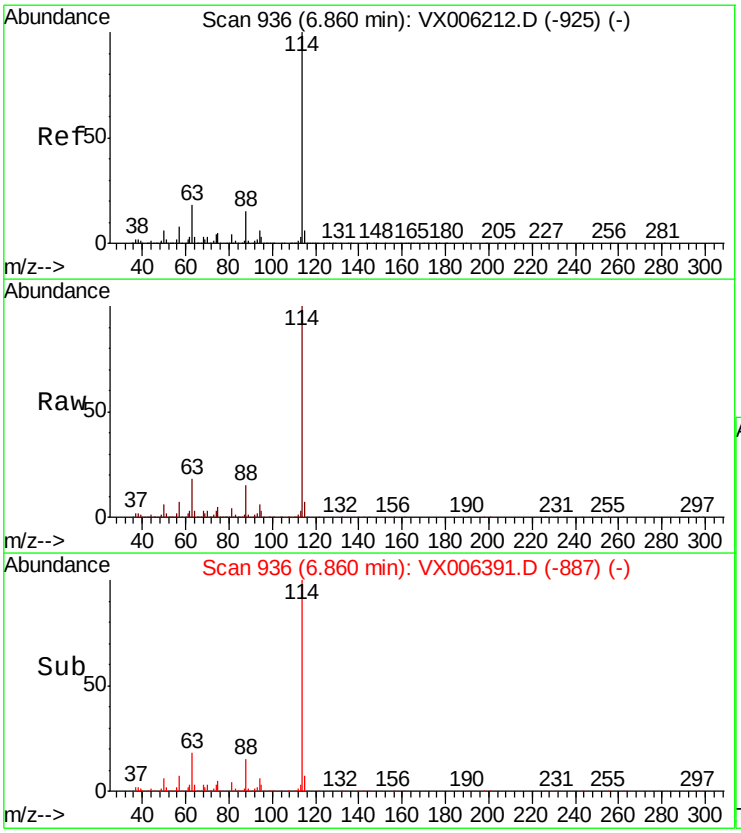
#33
1,2-Dichloroethane-d4
Concen: 50.561 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 65 Resp: 373275

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2

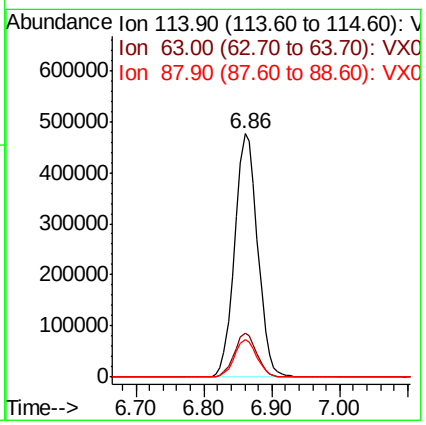


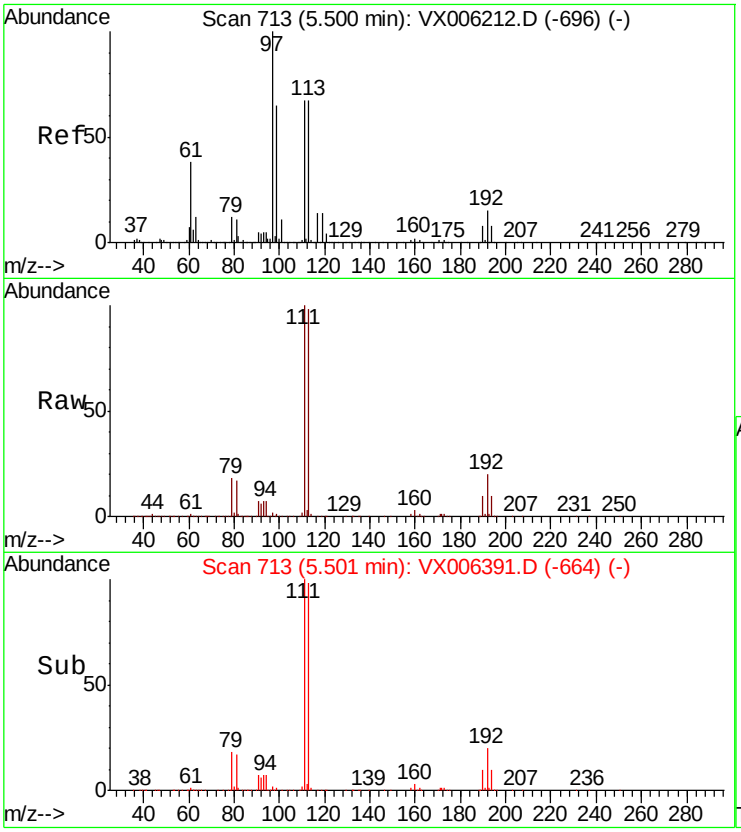


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion:114 Resp: 1116348

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.6
88	15.4	0.0	29.0



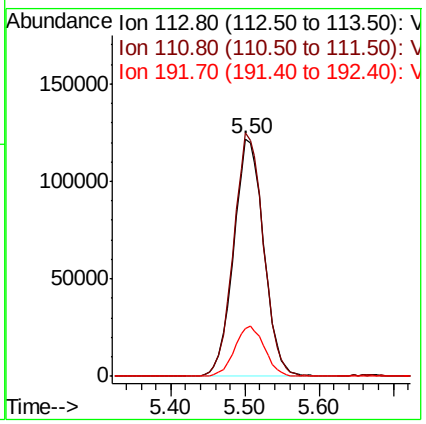


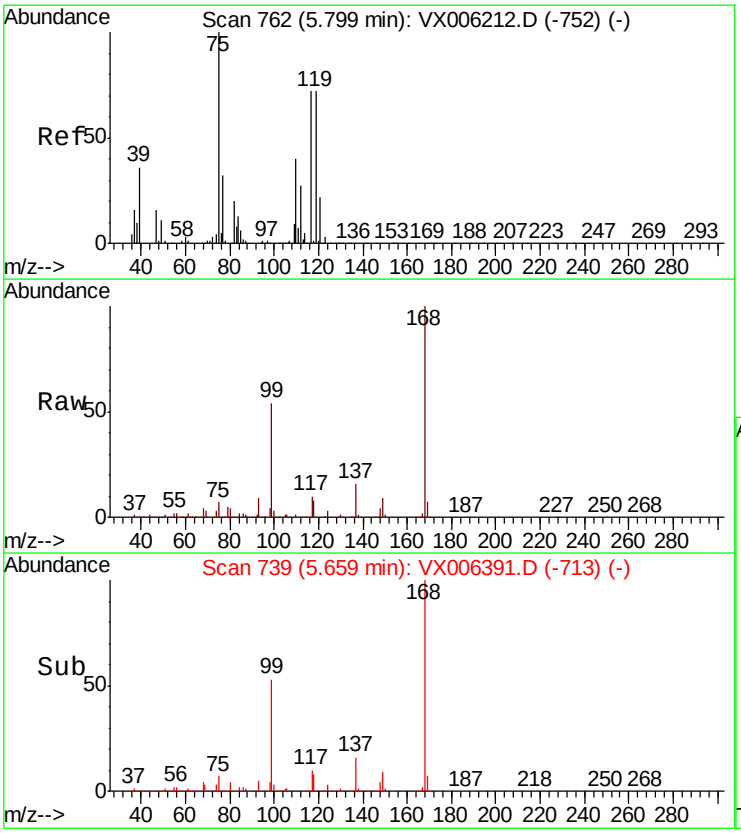
#35
Dibromofluoromethane
Concen: 47.751 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion:113 Resp: 345142

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	21.1	18.2	27.2

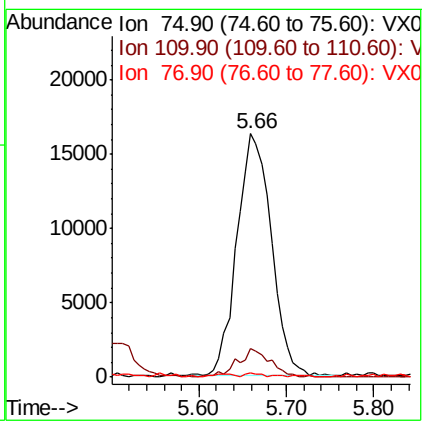


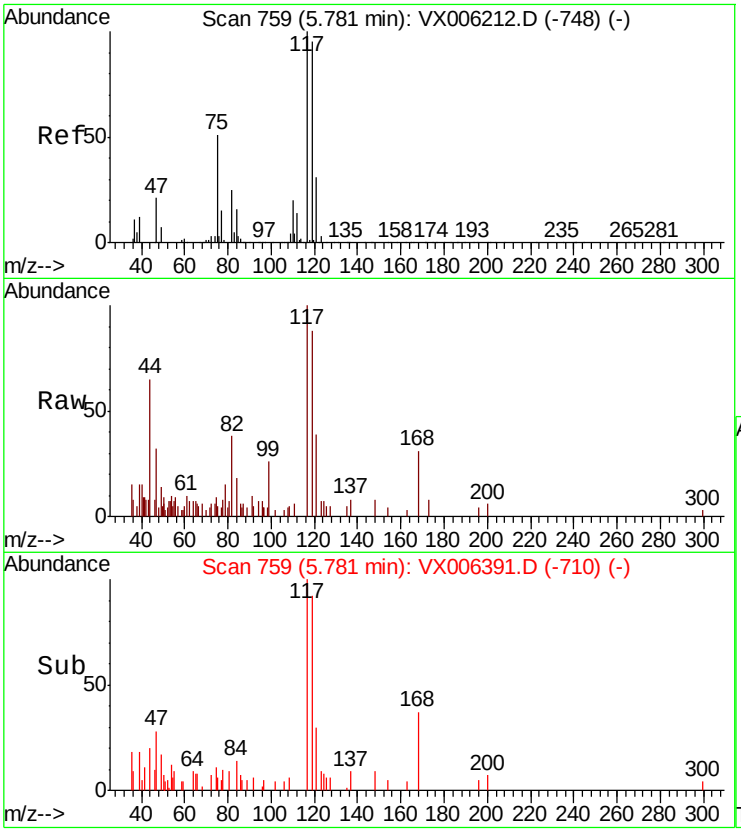


#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion: 75 Resp: 44549

Ion	Ratio	Lower	Upper
75	100		
110	11.5	20.4	61.3#
77	0.7	24.9	37.3#



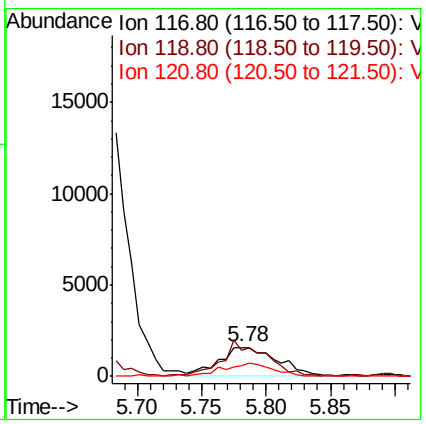


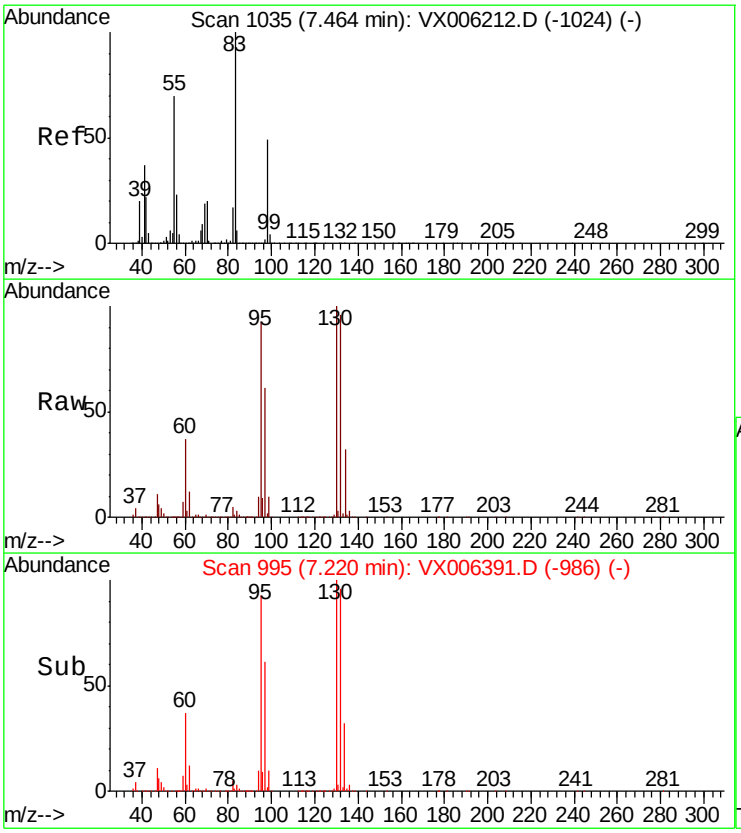
#38
Carbon Tetrachloride
Concen: 0.459 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion:117 Resp: 5081

Ion	Ratio	Lower	Upper
117	100		
119	88.3	75.8	113.8
121	38.9	24.6	37.0#

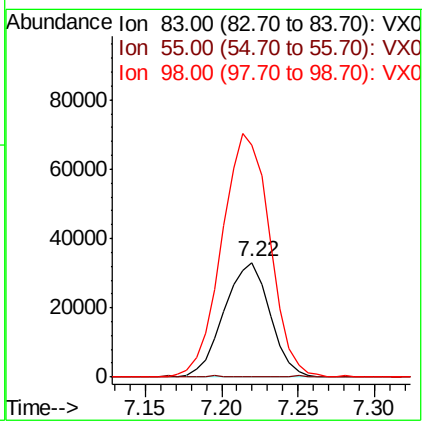


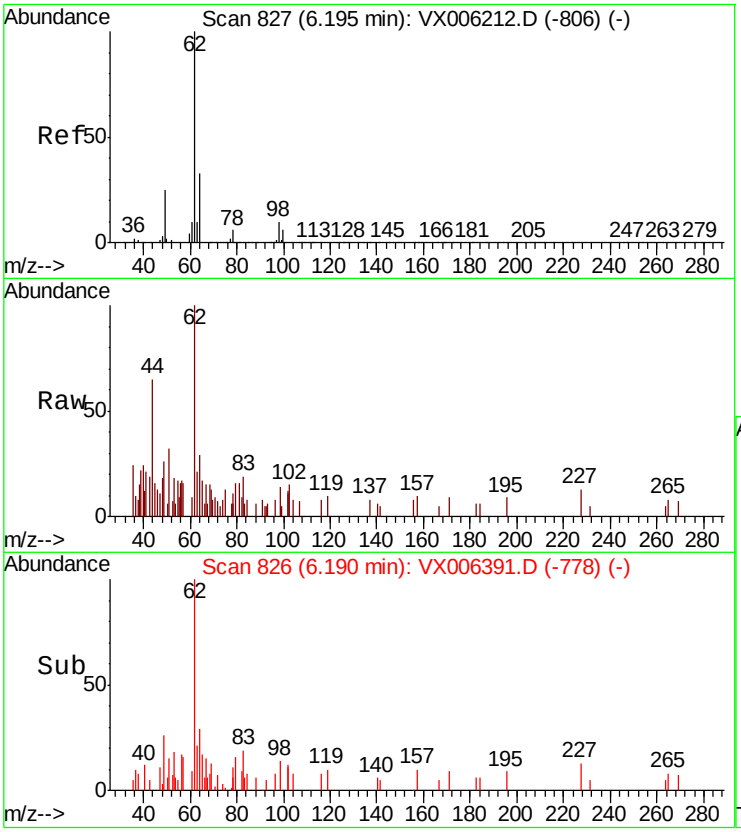


#39
Methylcyclohexane
Concen: 5.559 ug/l
RT: 7.22 min Scan# 995
Delta R.T. -0.24 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion: 83 Resp: 67837

Ion	Ratio	Lower	Upper
83	100		
55	0.3	56.4	84.6#
98	202.6	39.0	58.6#



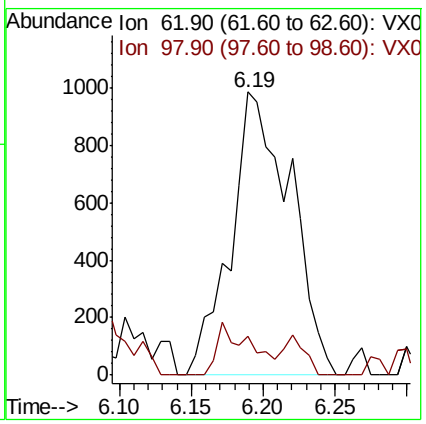


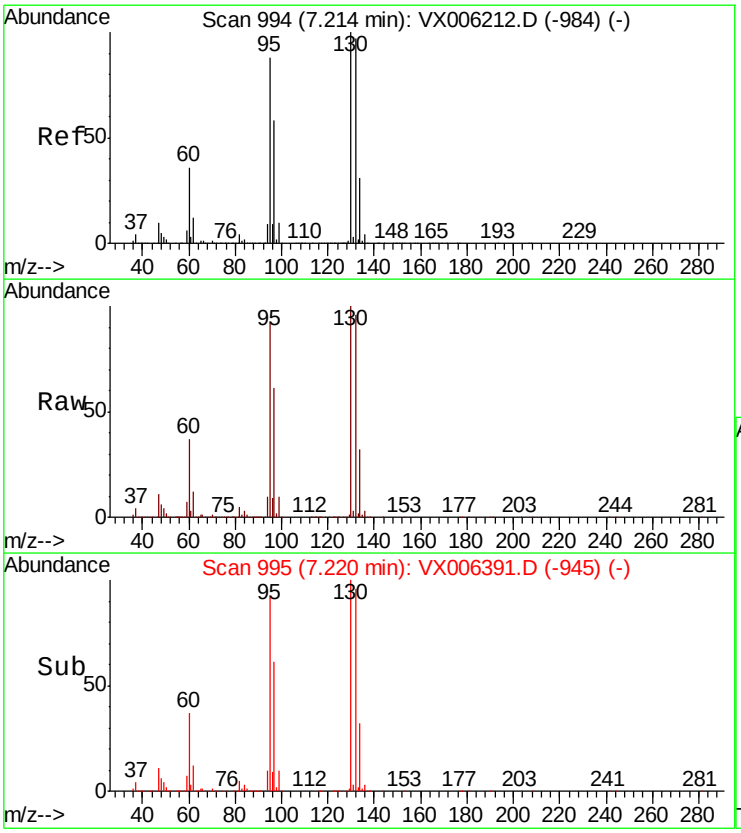
#42
1,2-Dichloroethane
Concen: 0.309 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 62 Resp: 2844

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

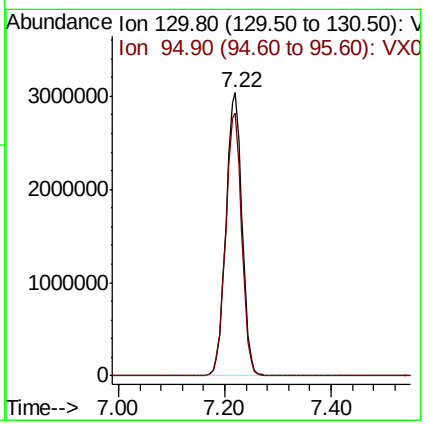


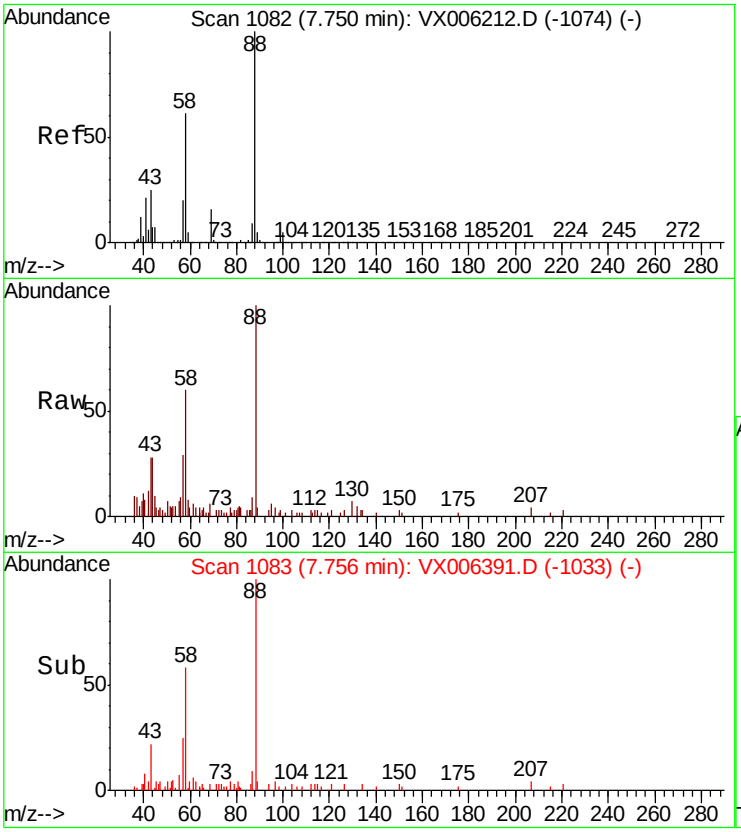


#44
Trichloroethene
Concen: 755.445 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion:130 Resp: 6443744

Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	175.8



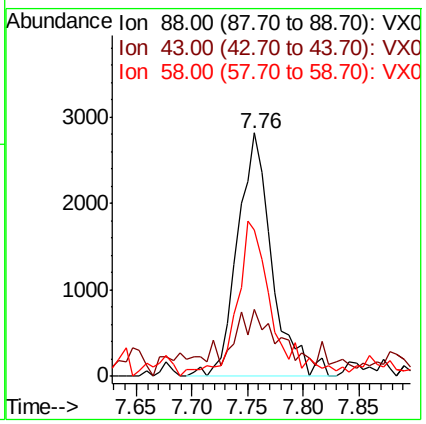


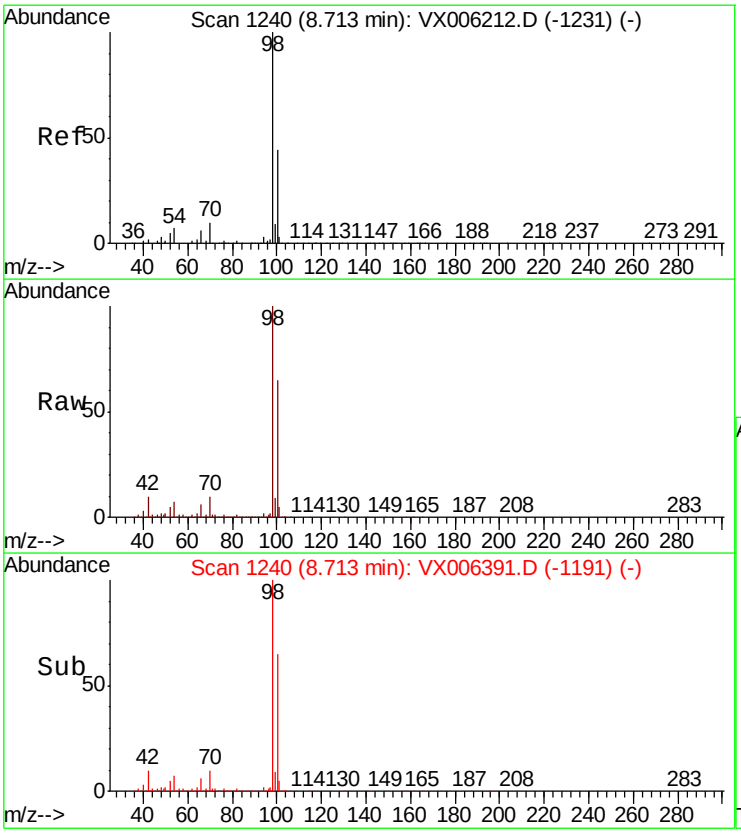
#49
1,4-Dioxane
Concen: 28.690 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 88 Resp: 6038

Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.2	34.8
58	65.6	51.4	77.0

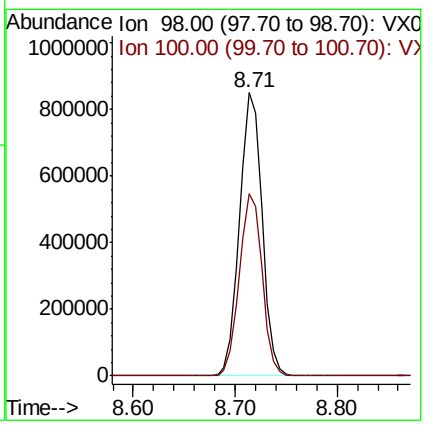


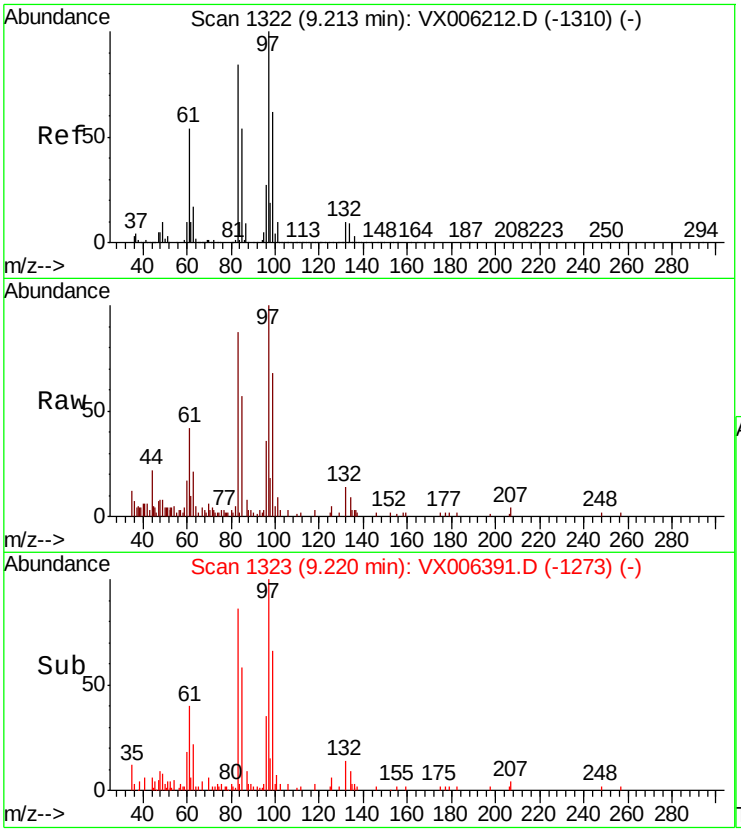


#50
Toluene-d8
Concen: 49.610 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion: 98 Resp: 1304304

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2



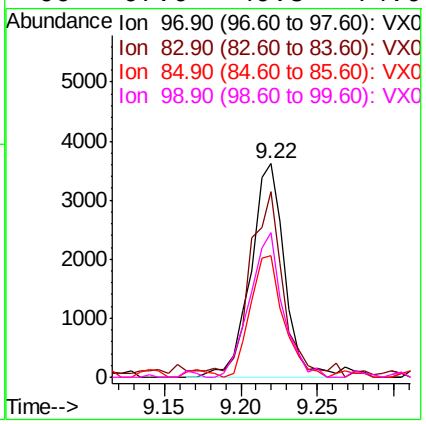


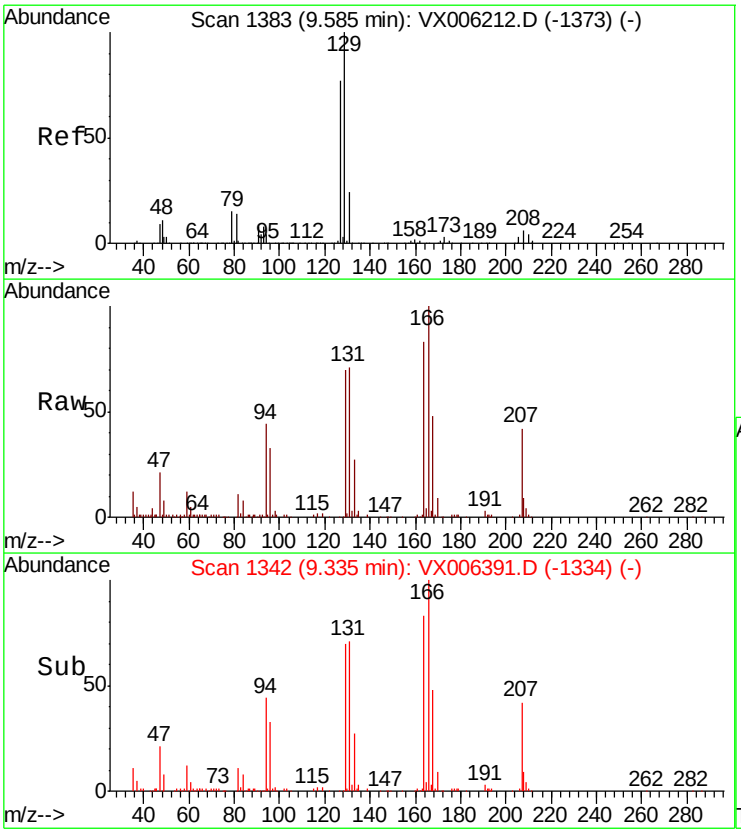
#55
1,1,2-Trichloroethane
Concen: 0.743 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 97 Resp: 5593

Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.1	100.7
85	55.1	43.2	64.8
99	67.6	49.8	74.6

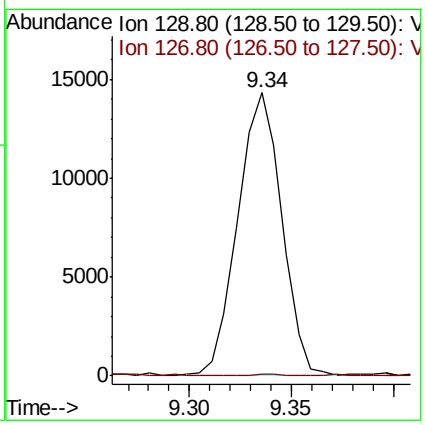


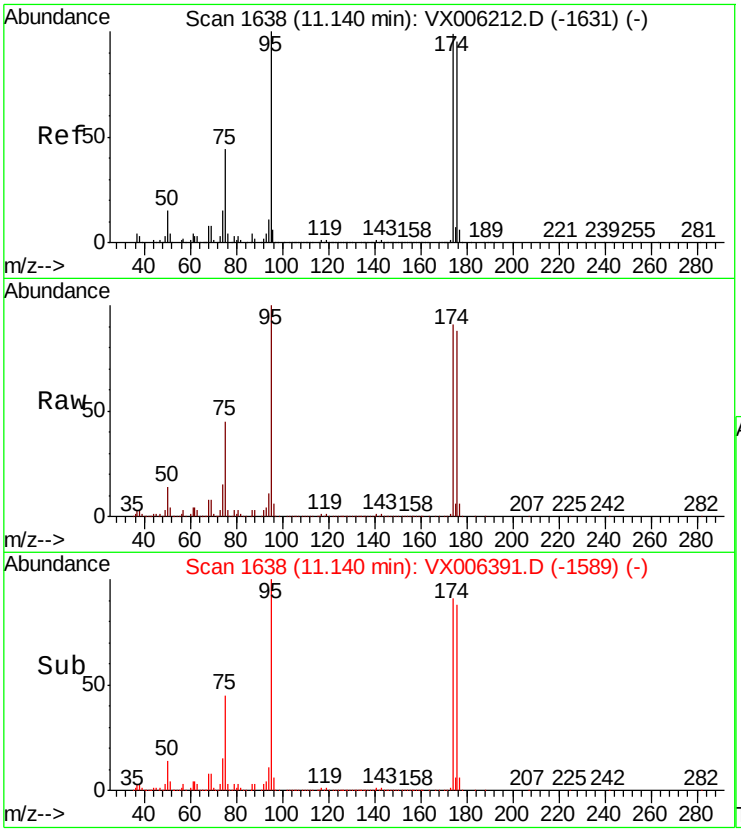


#60
Dibromochloromethane
Concen: 2.308 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion:129 Resp: 21414

Ion	Ratio	Lower	Upper
129	100		
127	0.4	38.6	115.8#



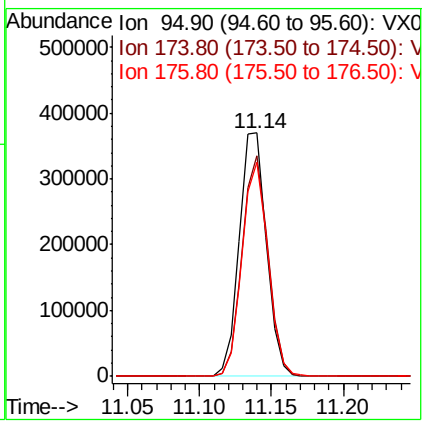


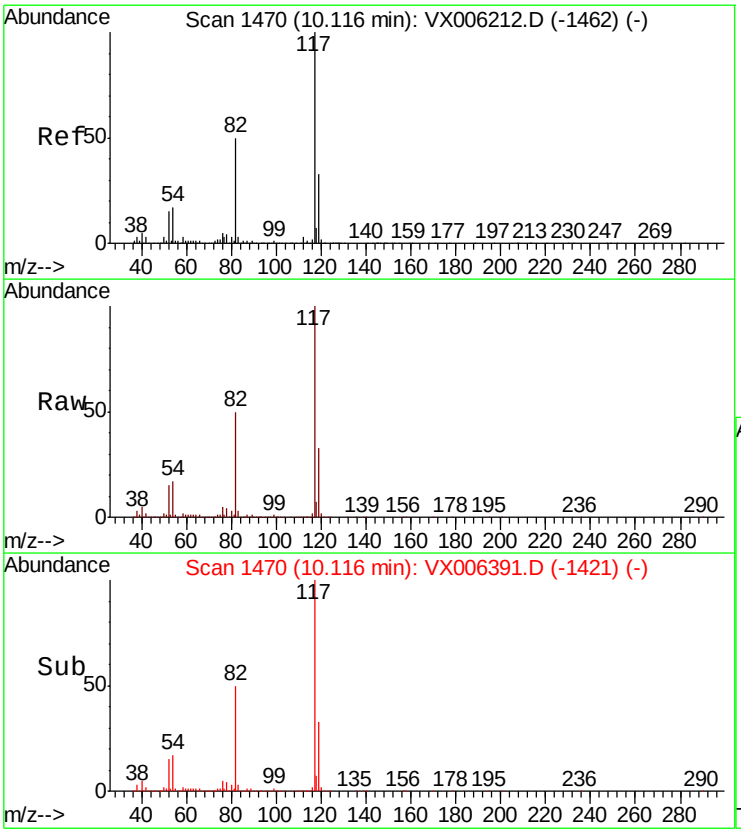
#62
4-Bromofluorobenzene
Concen: 48.921 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 95 Resp: 484672

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	187.0
176	83.9	0.0	181.8

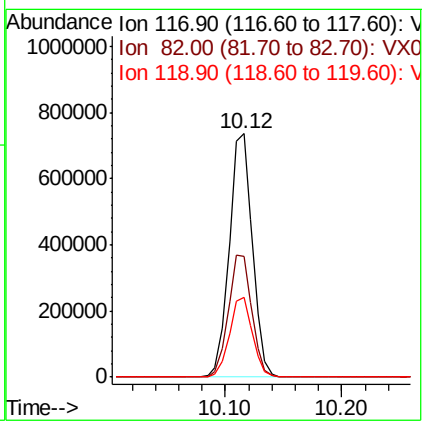


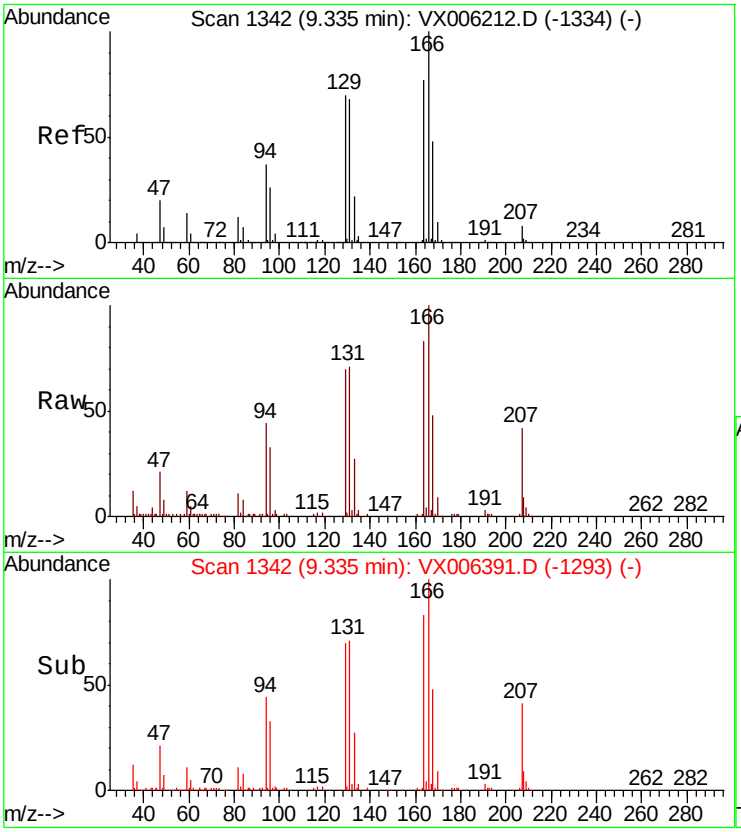


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion:117 Resp: 1016050

Ion	Ratio	Lower	Upper
117	100		
82	49.7	39.6	59.4
119	32.7	26.3	39.5



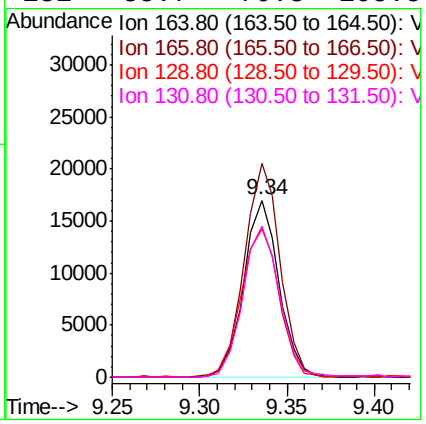


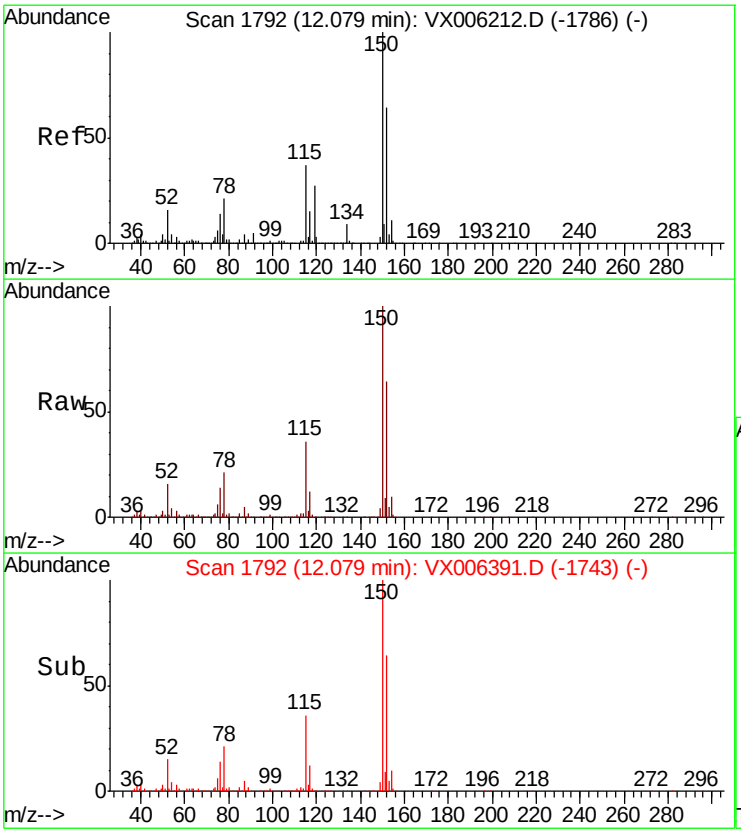
#64
Tetrachloroethene
Concen: 3.096 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion:164 Resp: 23687

Ion	Ratio	Lower	Upper
164	100		
166	120.9	104.2	156.2
129	84.4	72.6	108.8
131	85.7	70.3	105.5

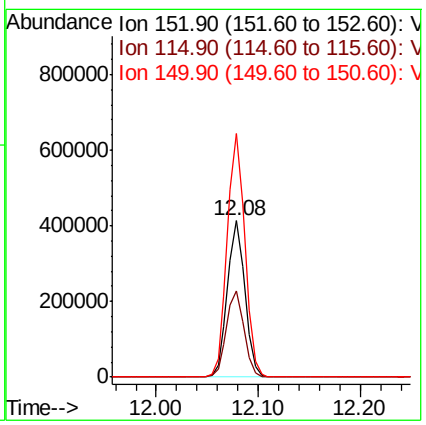


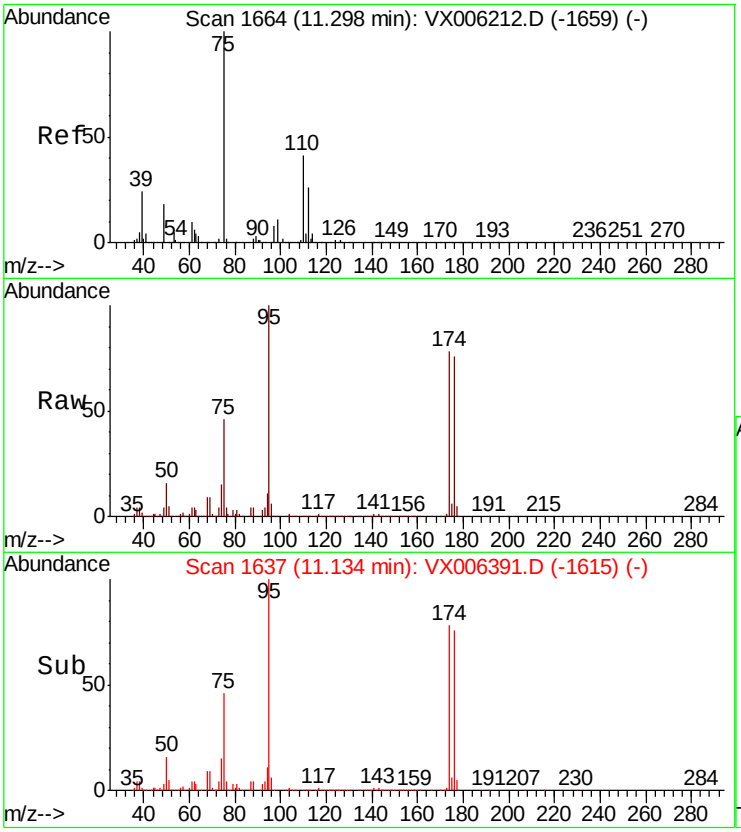


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion:152 Resp: 488652

Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.0	116.9
150	157.1	0.0	345.8



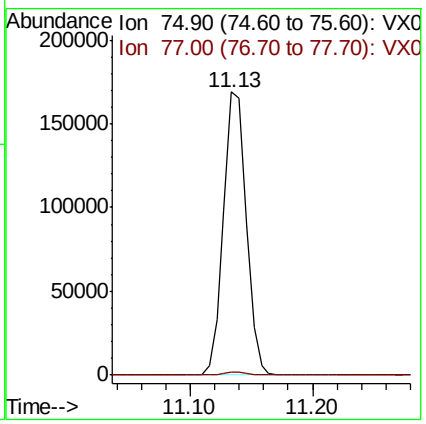


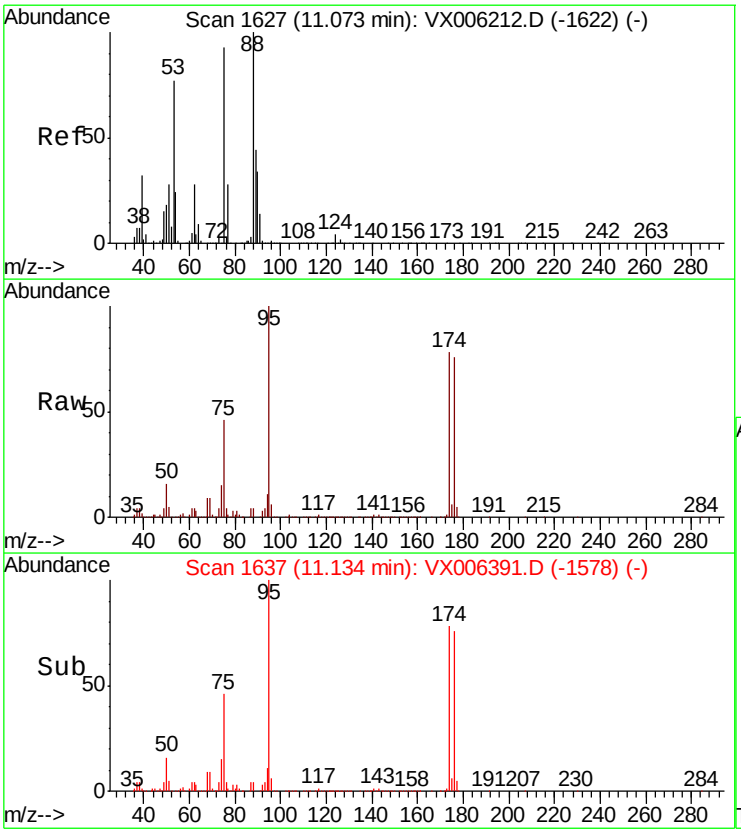
#76
1,2,3-Trichloropropane
Concen: 23.231 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181205

Tgt Ion: 75 Resp: 219105

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.9	59.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.516 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006391.D
Acq: 11 Dec 2018 01:32

Tgt Ion: 75 Resp: 219105

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