Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071918\
Data File : VX003493.D
Acq On : 20 Jul 2018 04:58
Operator : JC/SP
Sample : J3170-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW02-071118

Quant Time: Jul 20 06:20:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.68	168	300519	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	6.87	114	421756	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	405698	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225899	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	186426	52.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.82%				
35) Dibromofluoromethane	5.50	113	176951	55.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.16%				
50) Toluene-d8	8.72	98	624832	51.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.50%				
62) 4-Bromofluorobenzene	11.14	95	210874	47.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	1038	Below Cal			90
3) Chloromethane	1.33	50	642	Below Cal		#	62
5) Bromomethane	1.66	94	1251	Below Cal		#	79
7) Trichlorofluoromethane	1.93	101	1433	0.28	ug/l		85
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48238	14.47	ug/l		95
11) Tert butyl alcohol	3.02	59	407	0.58	ug/l	#	73
12) 1,1-Dichloroethene	2.37	96	28610	9.32	ug/l		89
13) Acrolein	2.32	56	126	0.40	ug/l		89
16) Acetone	2.45	43	3274	2.44	ug/l		92
20) Methylene Chloride	2.86	84	760	Below Cal		#	71
24) 1,1-Dichloroethane	3.70	63	11918	1.99	ug/l		98
25) 2-Butanone	4.71	43	2180	0.97	ug/l		97
27) cis-1,2-Dichloroethene	4.60	96	13217	3.48	ug/l		38
29) Tetrahydrofuran	5.18	42	1366	0.92	ug/l		94
30) Chloroform	5.21	83	4287	0.73	ug/l	#	83
31) Cyclohexane	5.67	56	4851	0.91	ug/l	#	1
32) 1,1,1-Trichloroethane	5.49	97	3787	0.75	ug/l	#	50
36) 1,1-Dichloropropene	5.67	75	18697	4.11	ug/l	#	50
38) Carbon Tetrachloride	5.79	117	2207	0.49	ug/l		95
39) Methylcyclohexane	7.22	83	29993	5.56	ug/l	#	1
42) 1,2-Dichloroethane	6.20	62	1283	0.30	ug/l		98
44) Trichloroethene	7.22	130	2724795	664.57	ug/l		98
49) 1,4-Dioxane	7.76	88	2306	29.44	ug/l		99
55) 1,1,2-Trichloroethane	9.22	97	3246	0.94	ug/l	#	93
60) Dibromochloromethane	9.34	129	2020	0.59	ug/l	#	11
64) Tetrachloroethene	9.34	164	2180	0.44	ug/l		93
76) 1,2,3-Trichloropropane	11.14	75	100508	24.77	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	100508	69.38	ug/l	#	7

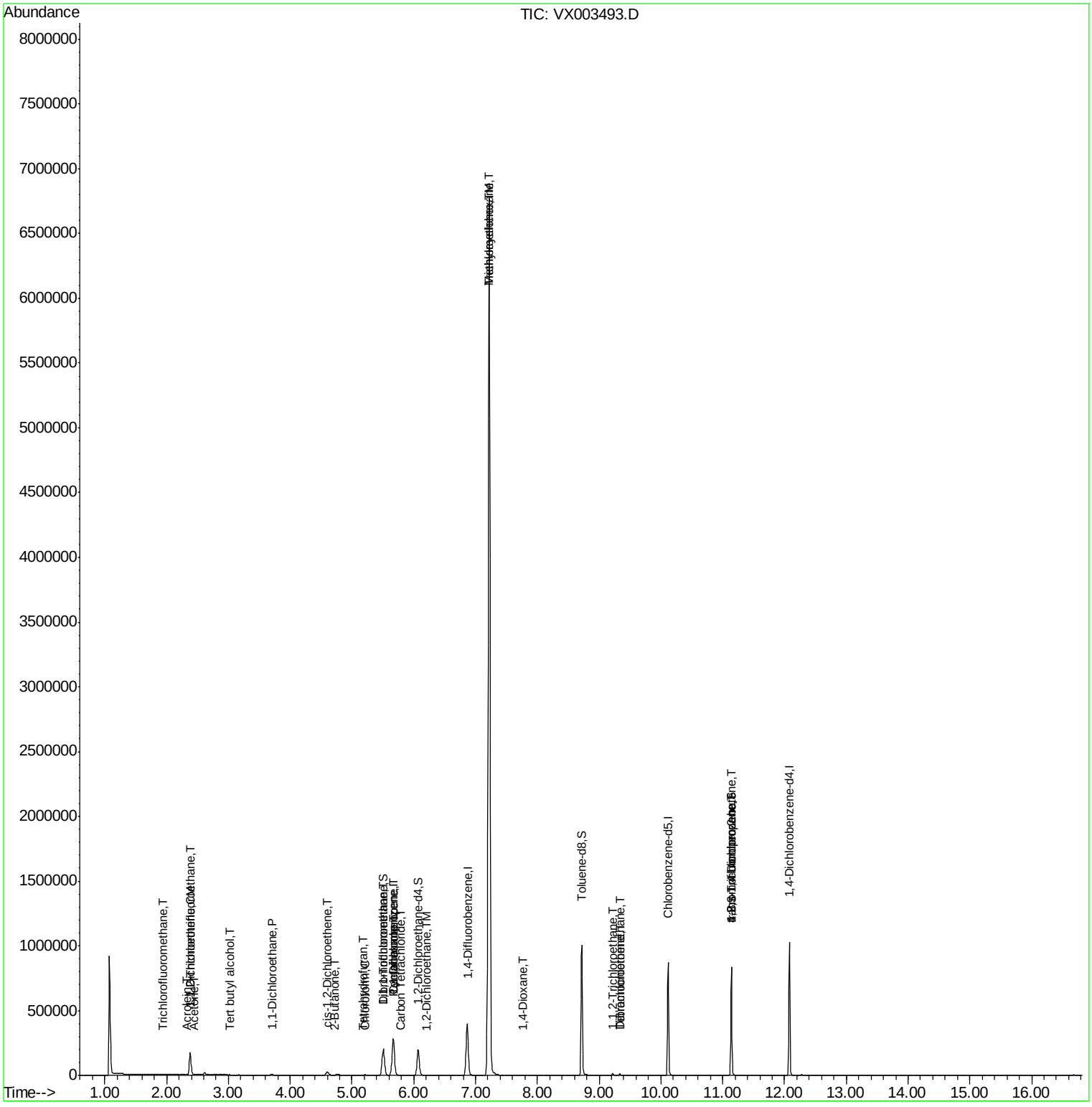
(#) = qualifier out of range (m) = manual integration (+) = signals summed

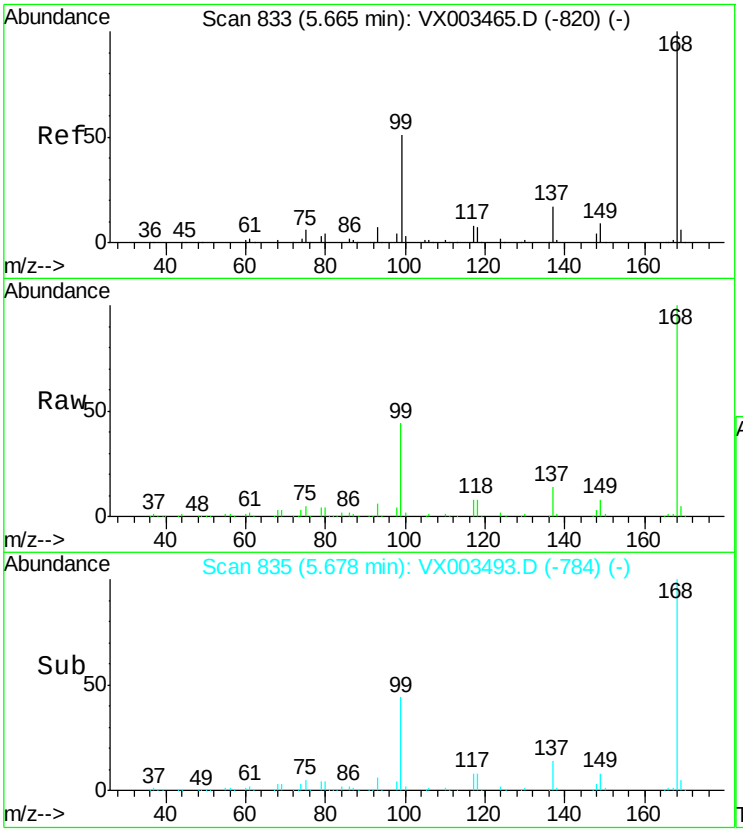
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
Data File : VX003493.D
Acq On : 20 Jul 2018 04:58
Operator : JC/SP
Sample : J3170-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Quant Time: Jul 20 06:20:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration



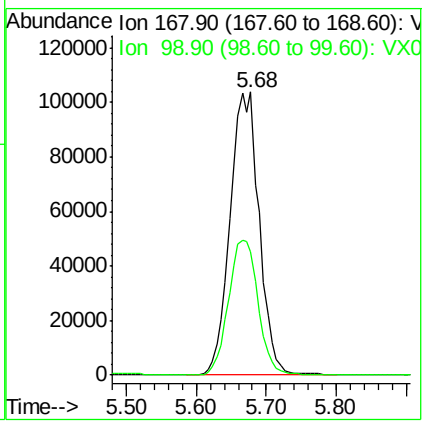


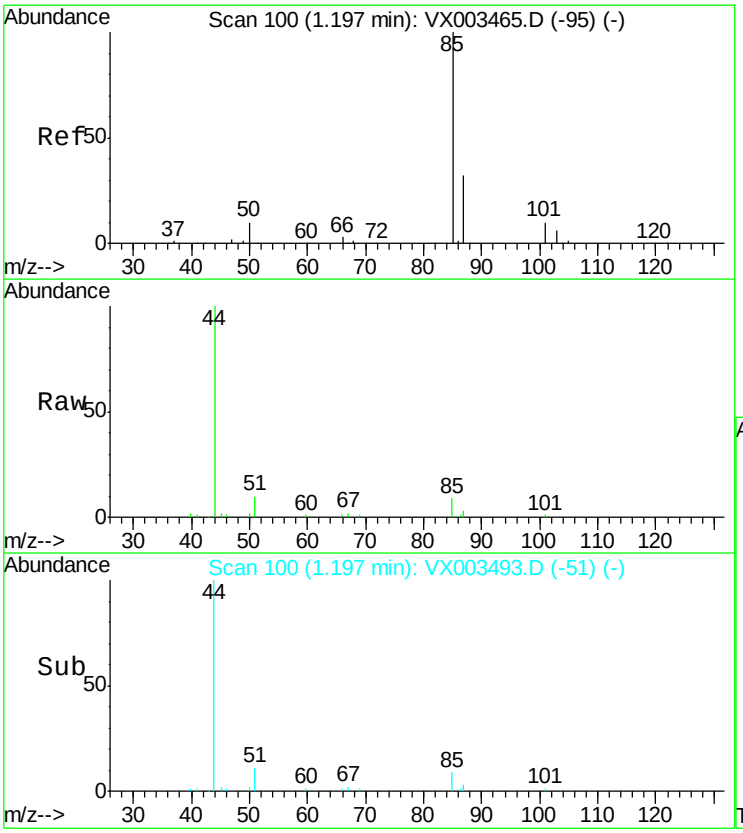
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion:168 Resp: 300519

Ion	Ratio	Lower	Upper
168	100		
99	43.5	39.3	58.9

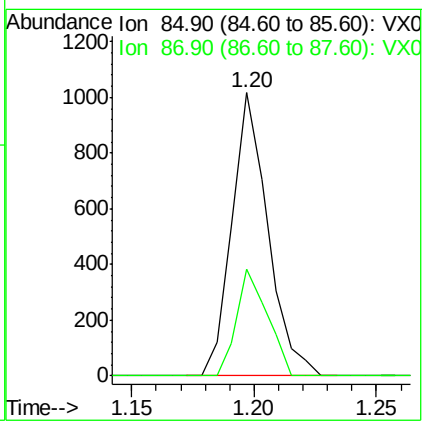


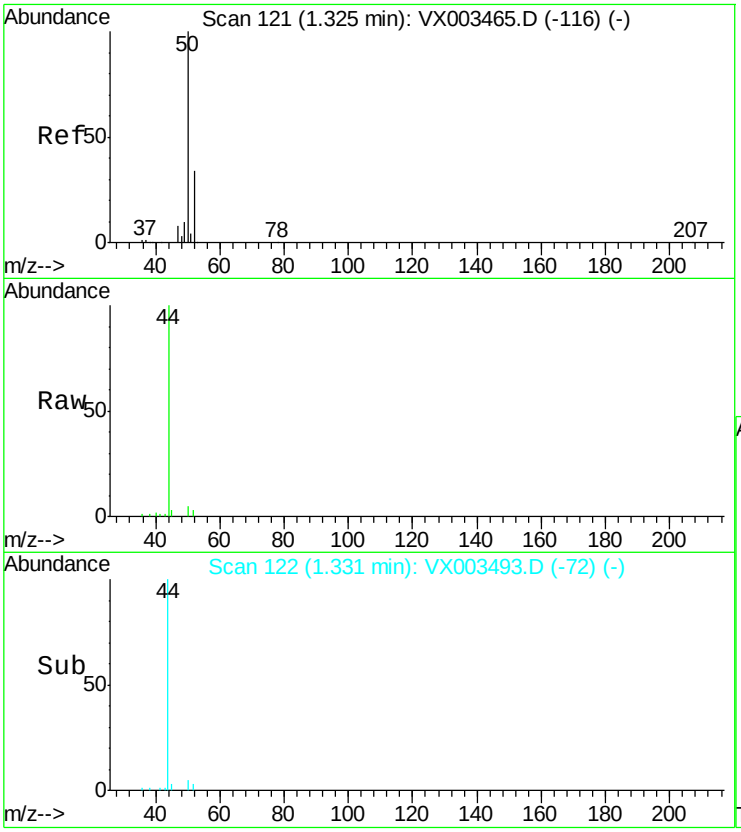


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 85 Resp: 1038

Ion	Ratio	Lower	Upper
85	100		
87	37.5	16.0	47.9



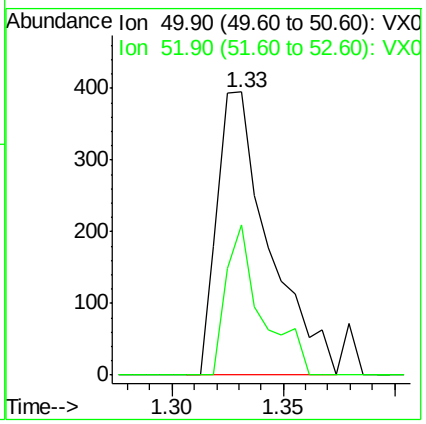


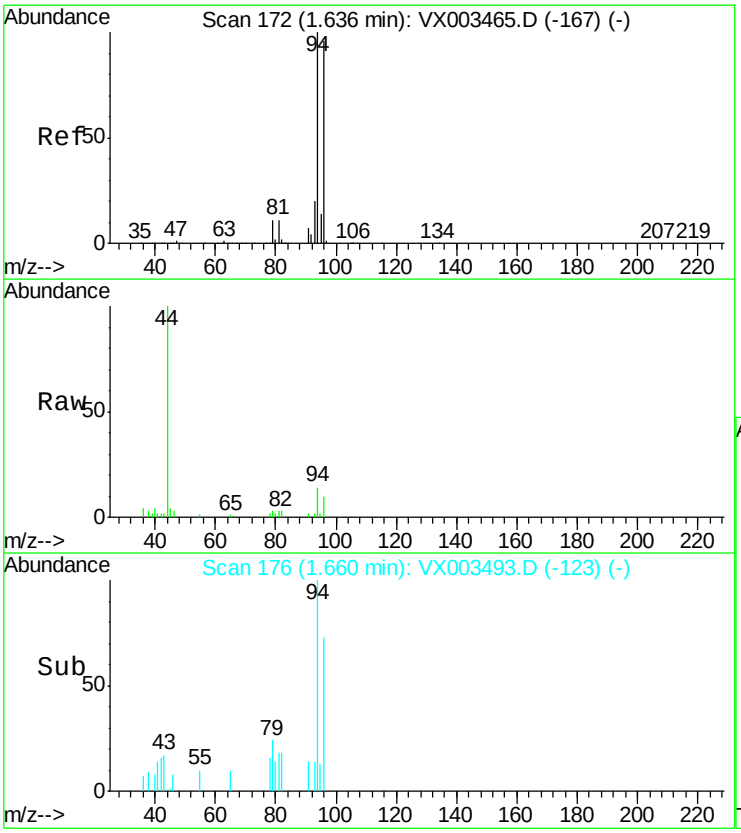
#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 50 Resp: 642

Ion	Ratio	Lower	Upper
50	100		
52	53.2	25.7	38.5#

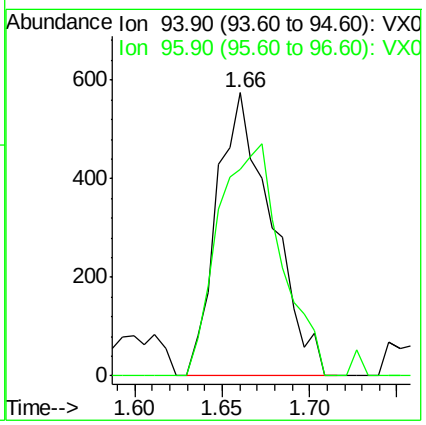


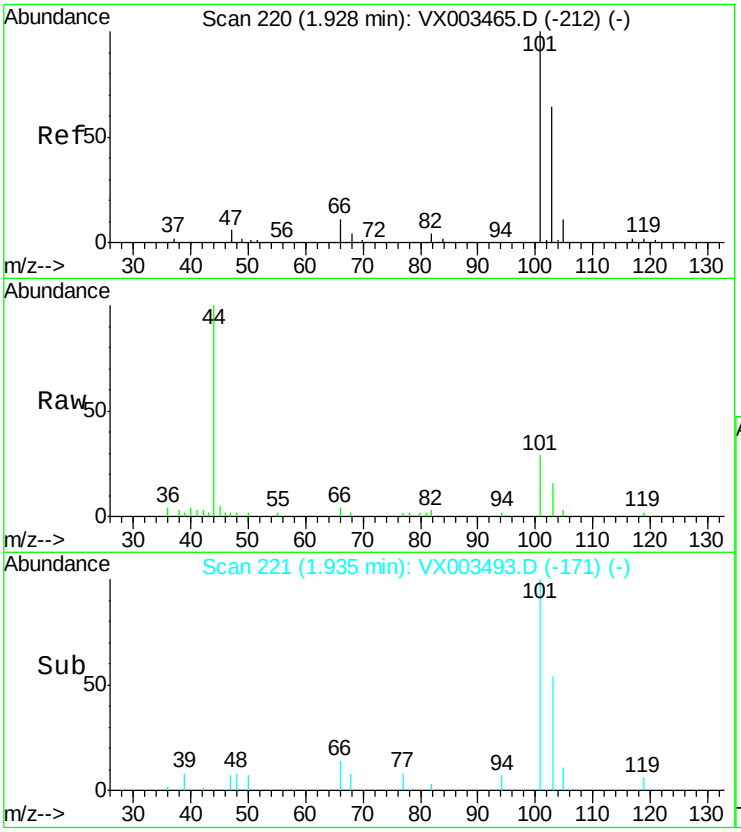


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 94 Resp: 1251

Ion	Ratio	Lower	Upper
94	100		
96	73.0	74.9	112.3#



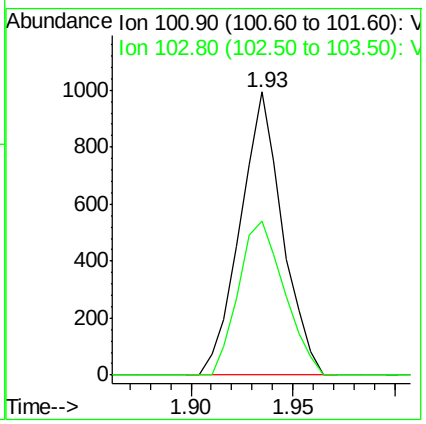


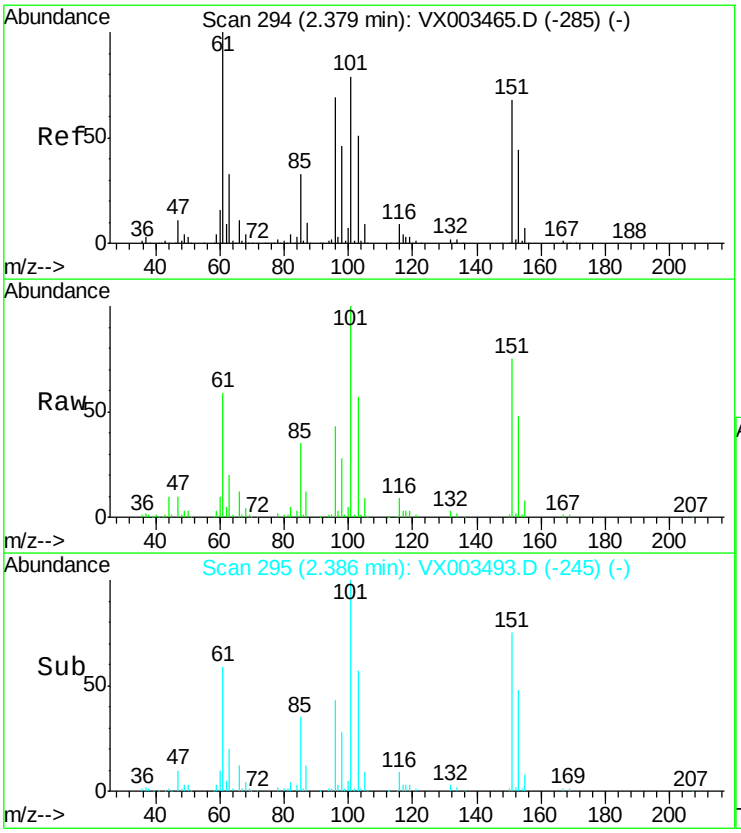
#7
Trichlorofluoromethane
Concen: 0.28 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion:101 Resp: 1433

Ion	Ratio	Lower	Upper
101	100		
103	54.3	52.8	79.2

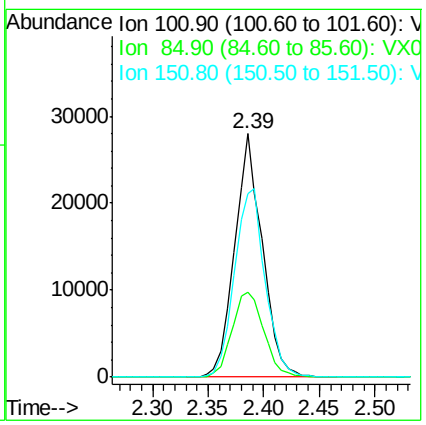


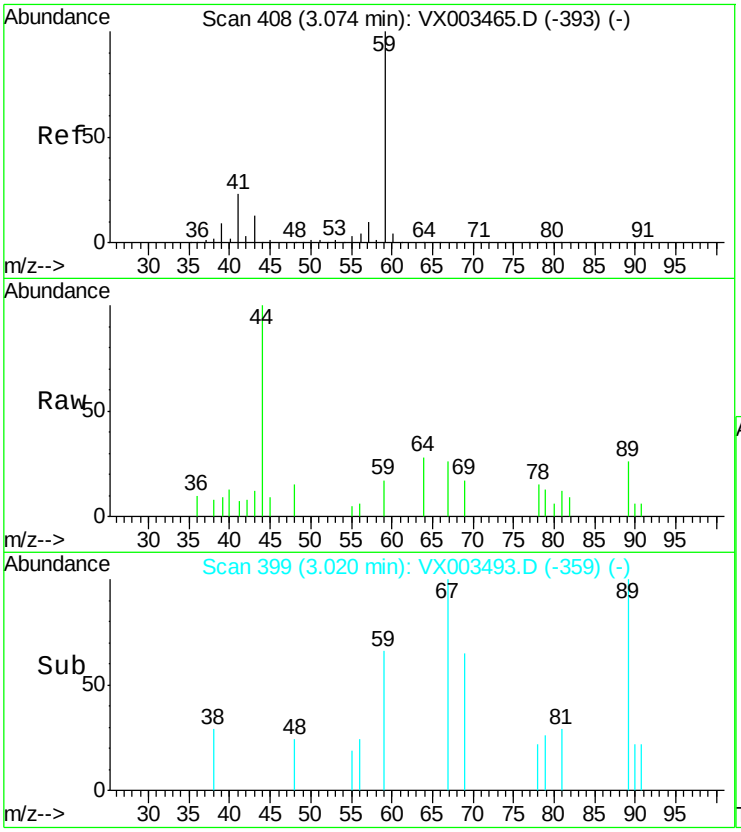


#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.47 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion:101 Resp: 48238

Ion	Ratio	Lower	Upper
101	100		
85	40.2	36.0	54.0
151	85.6	70.9	106.3



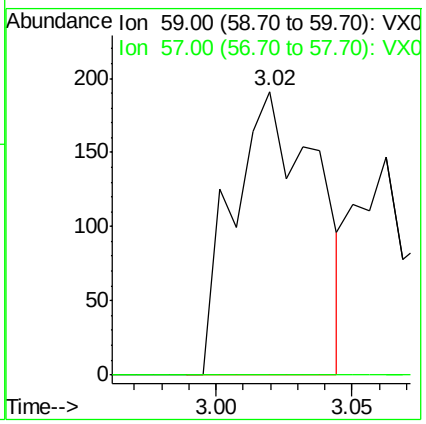


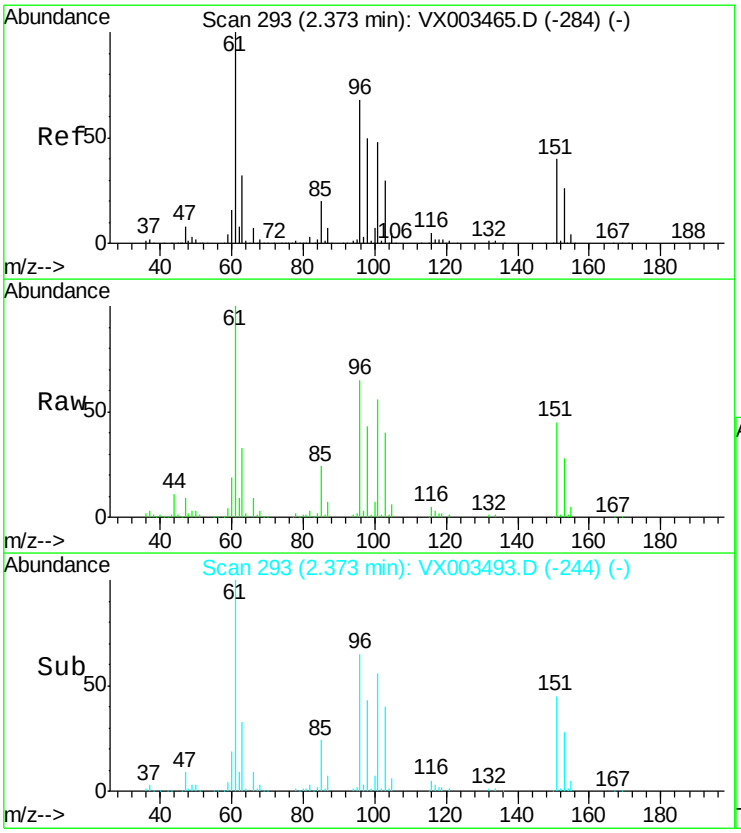
#11
Tert butyl alcohol
Concen: 0.58 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.05 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 59 Resp: 407

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

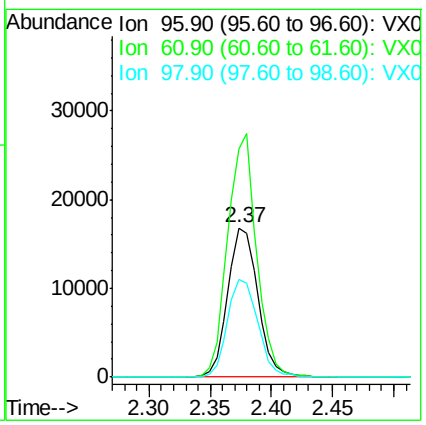


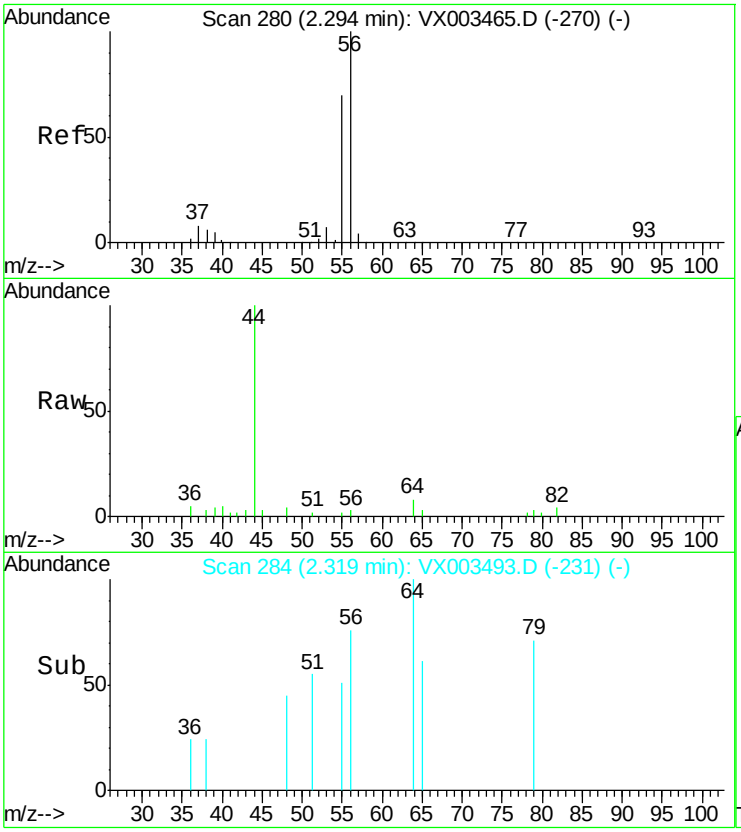


#12
1,1-Dichloroethene
Concen: 9.32 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 96 Resp: 28610

Ion	Ratio	Lower	Upper
96	100		
61	153.3	137.9	206.9
98	65.8	51.6	77.4



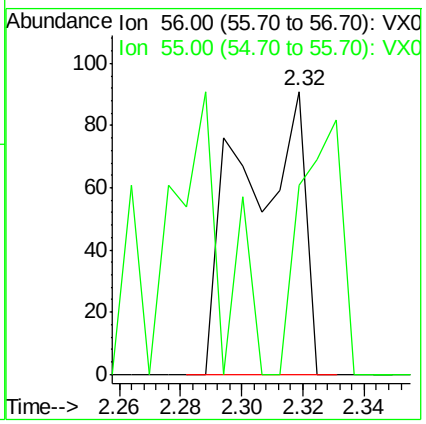


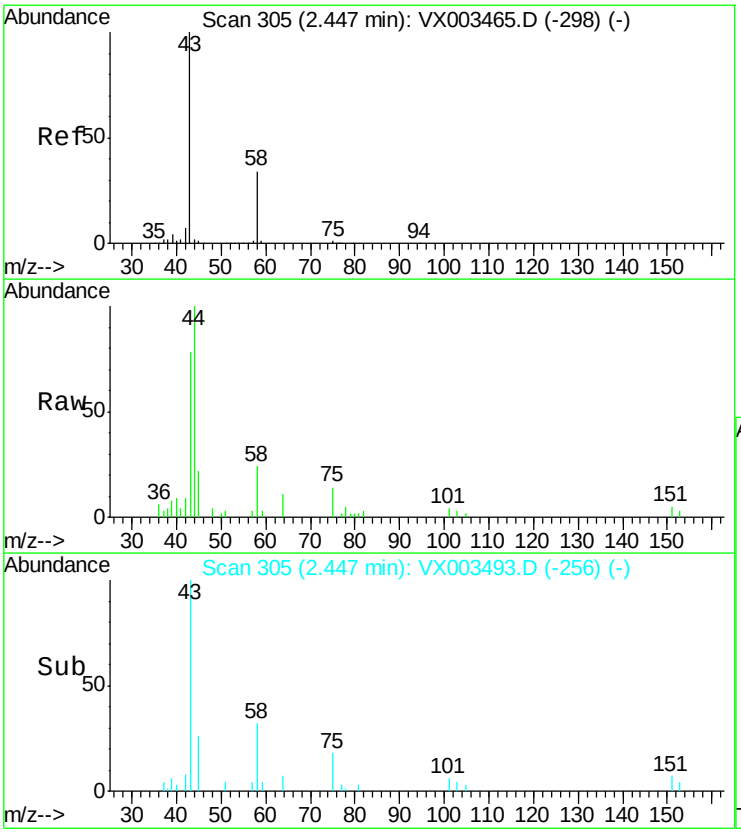
#13
Acrolein
Concen: 0.40 ug/l
RT: 2.32 min Scan# 284
Delta R.T. 0.02 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 56 Resp: 126

Ion	Ratio	Lower	Upper
56	100		
55	61.9	57.0	85.4

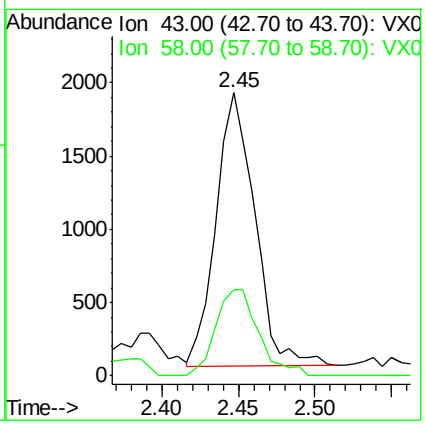


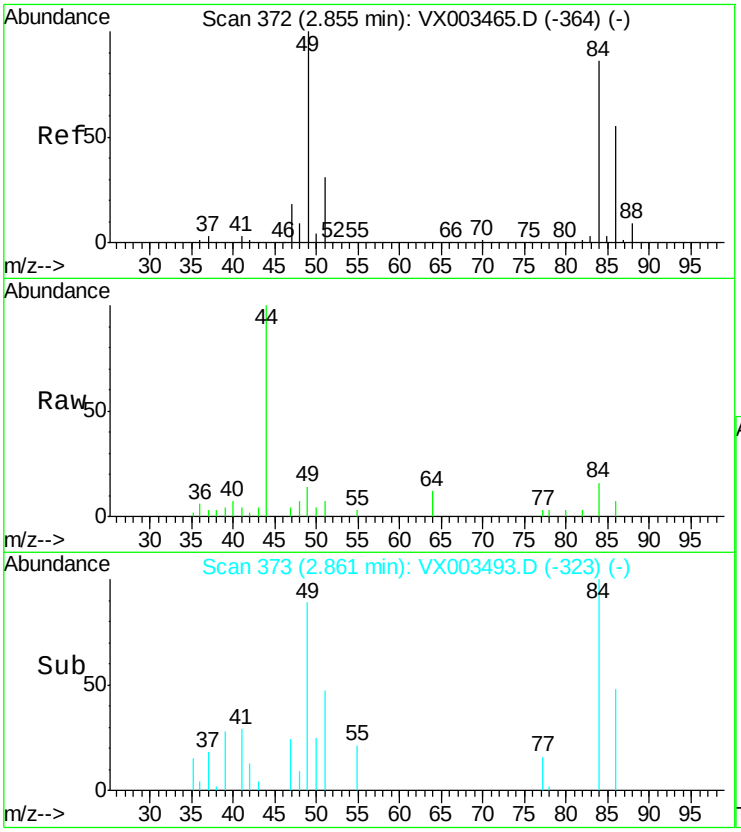


#16
Acetone
Concen: 2.44 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 43 Resp: 3274

Ion	Ratio	Lower	Upper
43	100		
58	31.6	22.1	33.1



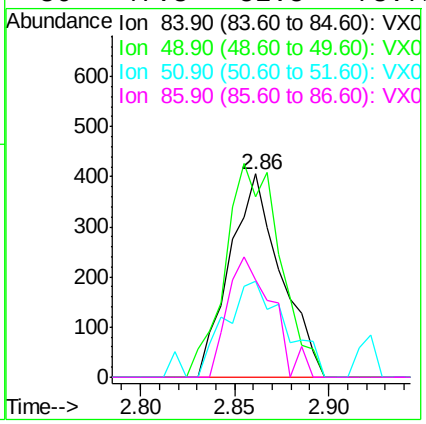


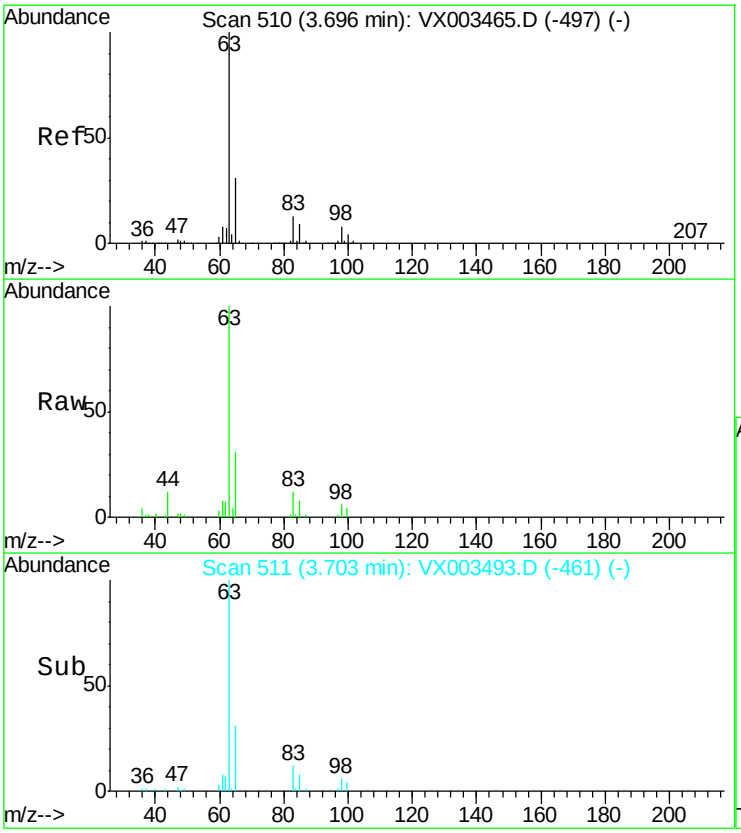
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument : MSVOA_X
ClientSampleId : GW02-071118

Tgt Ion: 84 Resp: 760

Ion	Ratio	Lower	Upper
84	100		
49	88.7	107.8	161.6#
51	47.3	32.8	49.2
86	47.8	52.5	78.7#

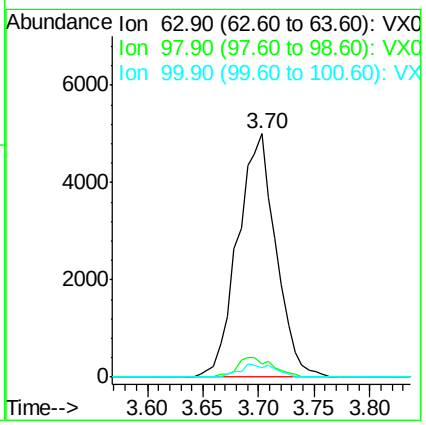


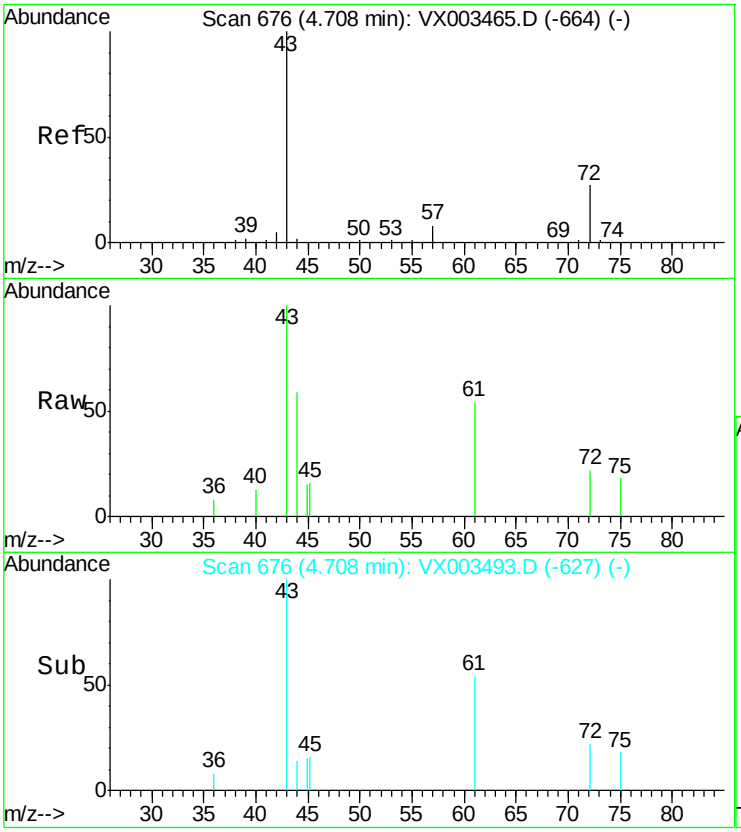


#24
1,1-Dichloroethane
Concen: 1.99 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 63 Resp: 11918

Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.4	10.2
100	4.1	2.0	6.0



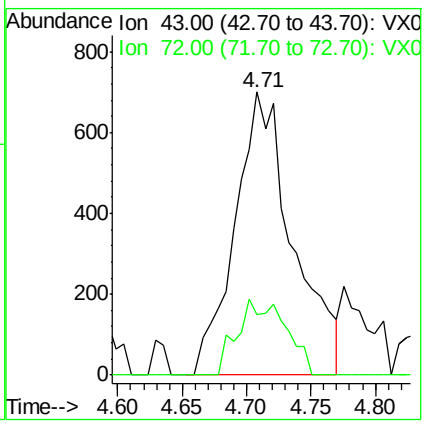


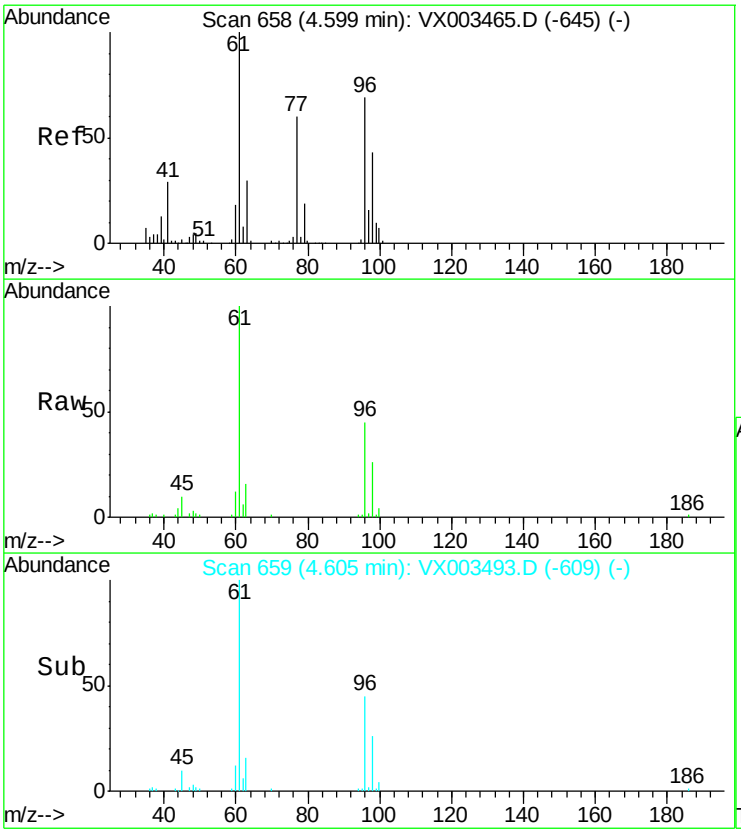
#25
2-Butanone
Concen: 0.97 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 43 Resp: 2180

Ion	Ratio	Lower	Upper
43	100		
72	21.6	18.5	27.7

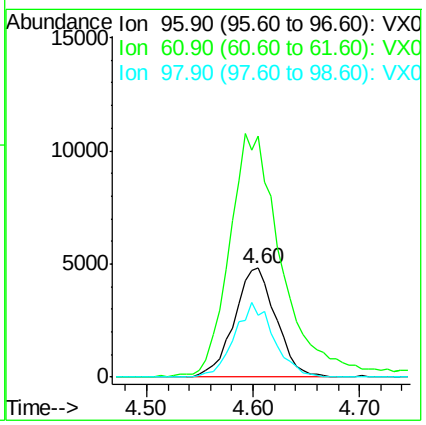


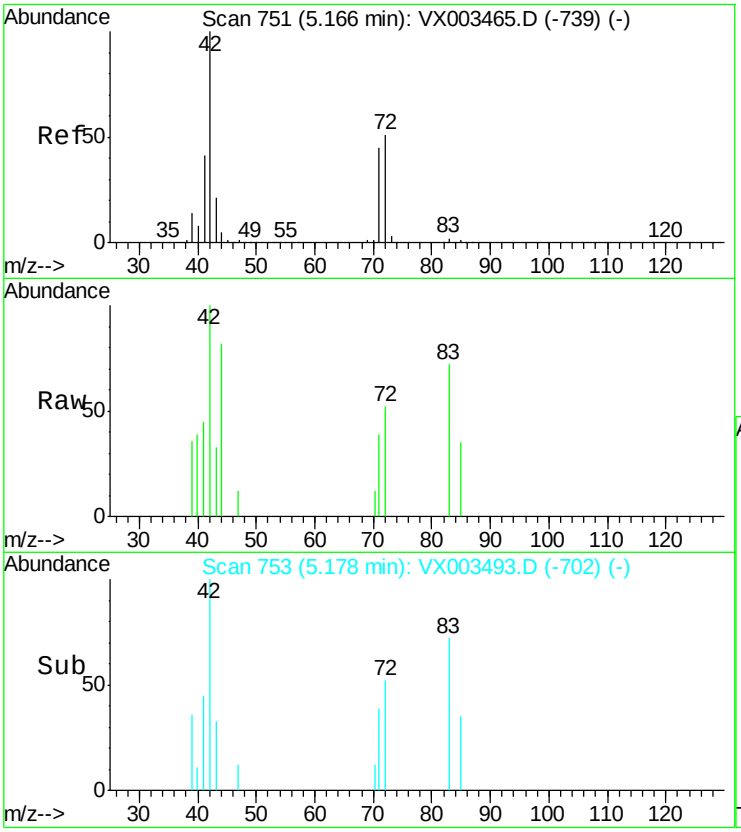


#27
cis-1,2-Dichloroethene
Concen: 3.48 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 96 Resp: 13217

Ion	Ratio	Lower	Upper
96	100		
61	281.9	0.0	330.2
98	64.6	0.0	130.2



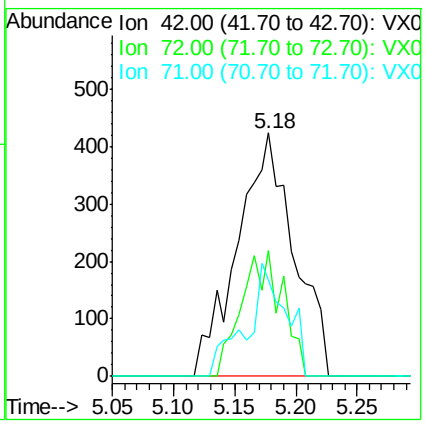


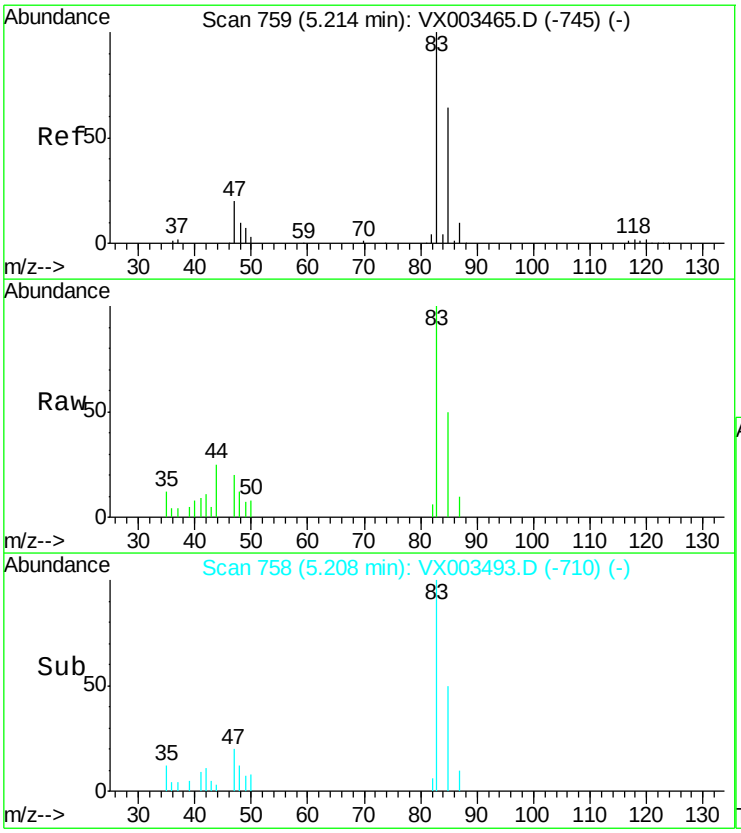
#29
Tetrahydrofuran
Concen: 0.92 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 42 Resp: 1366

Ion	Ratio	Lower	Upper
42	100		
72	37.3	32.0	48.0
71	32.6	30.1	45.1

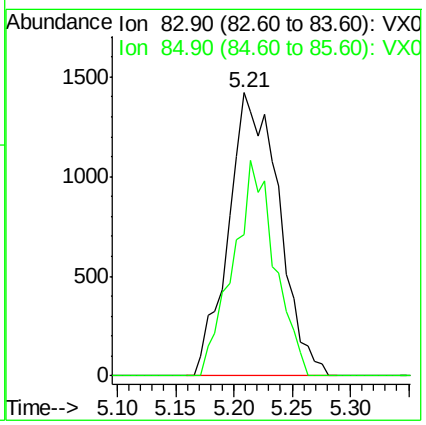


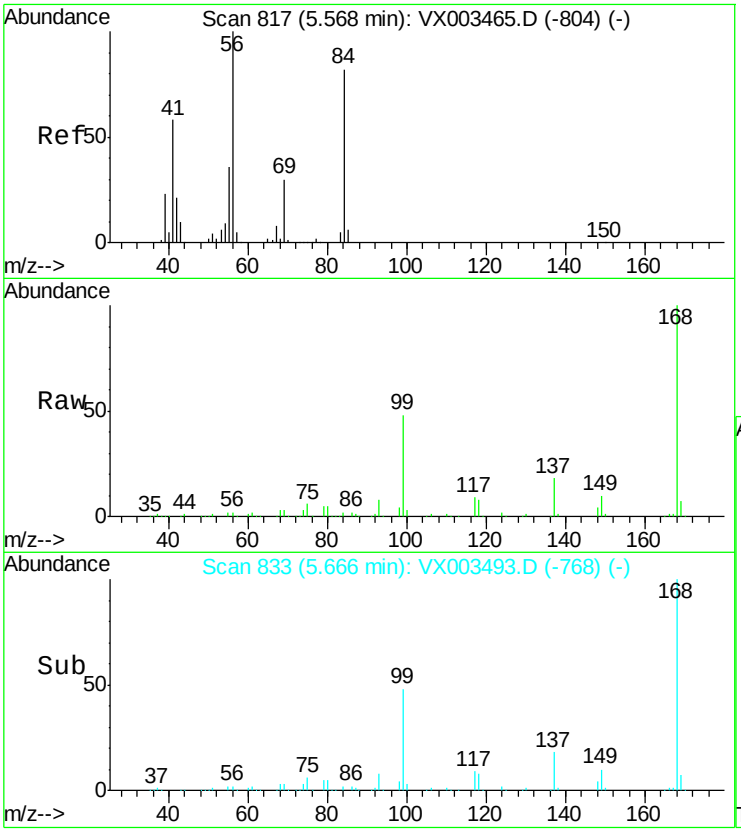


#30
Chloroform
Concen: 0.73 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 83 Resp: 4287

Ion	Ratio	Lower	Upper
83	100		
85	49.8	50.4	75.6#



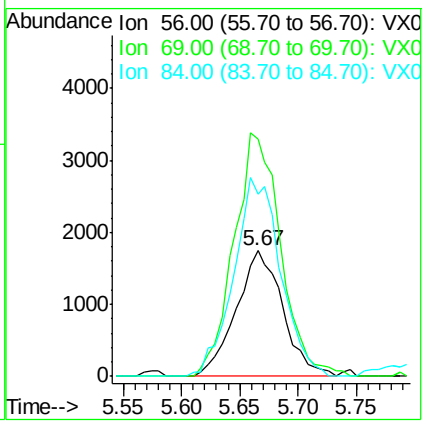


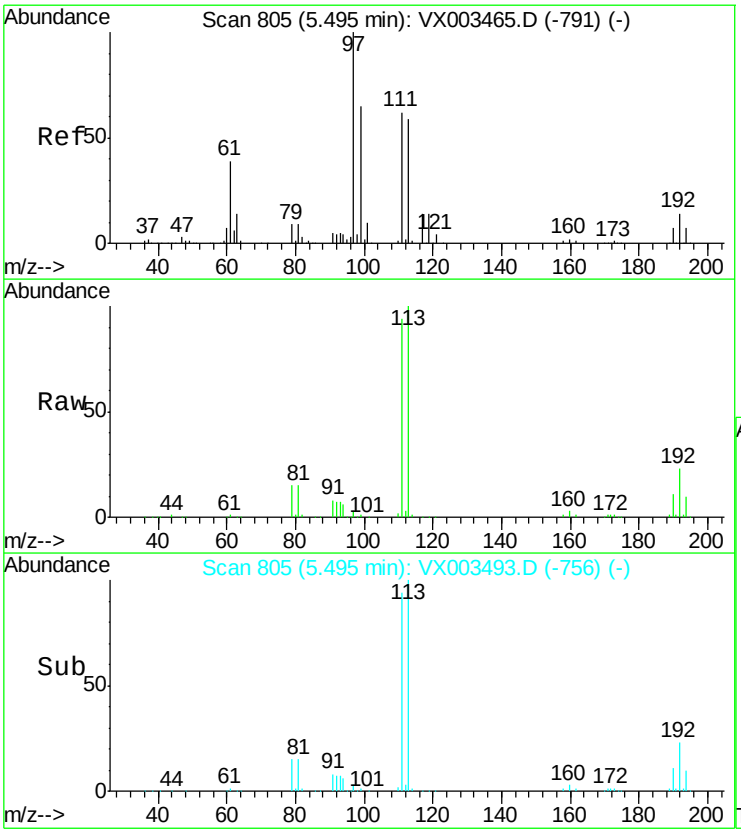
#31
Cyclohexane
Concen: 0.91 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.10 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 56 Resp: 4851

Ion	Ratio	Lower	Upper
56	100		
69	189.3	23.7	35.5#
84	145.4	64.1	96.1#

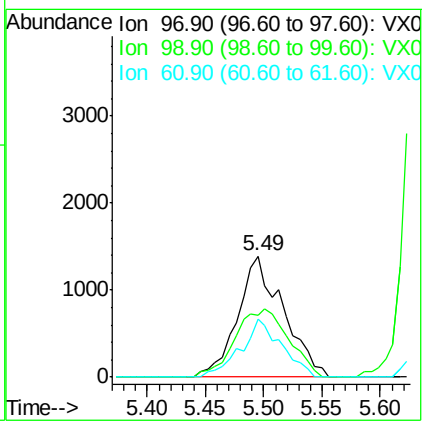


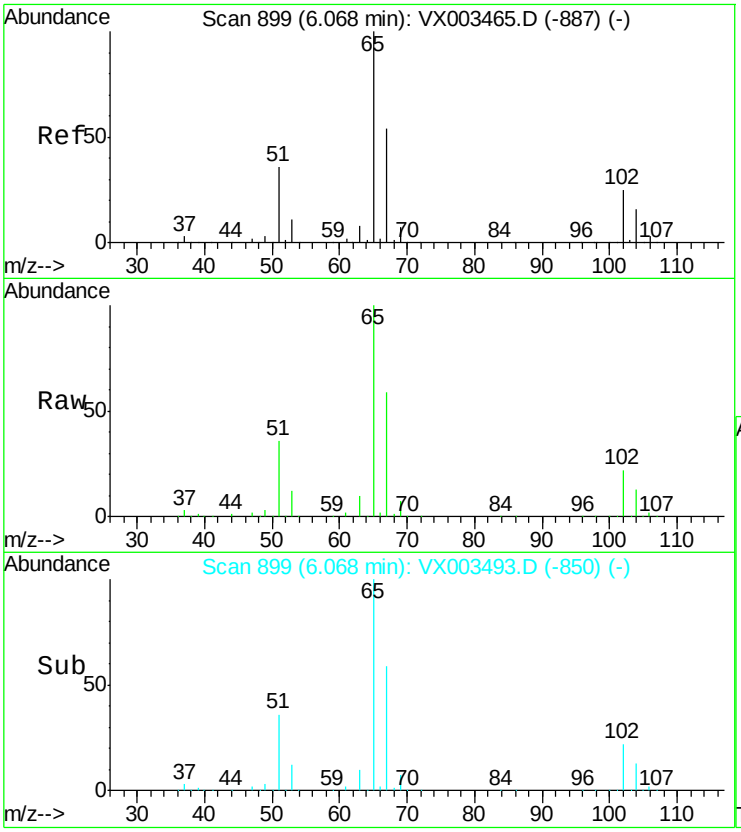


#32
1,1,1-Trichloroethane
Concen: 0.75 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 97 Resp: 3787

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	42.6	36.4	54.6



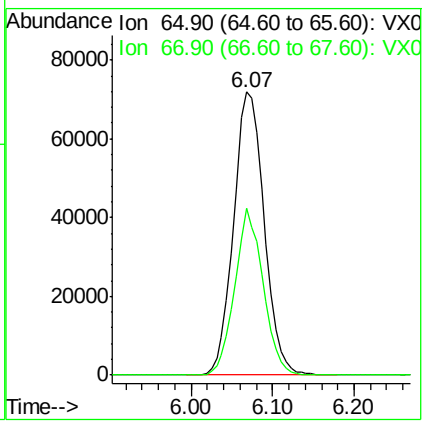


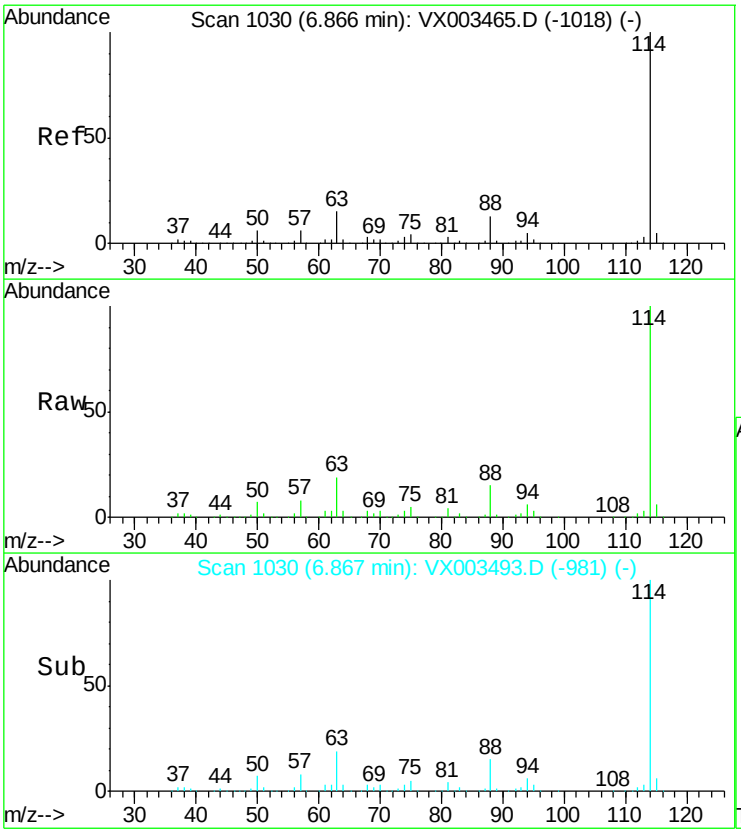
#33
1,2-Dichloroethane-d4
Concen: 52.41 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 65 Resp: 186426

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	102.6

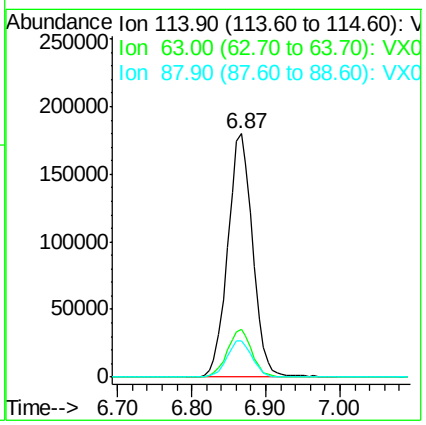


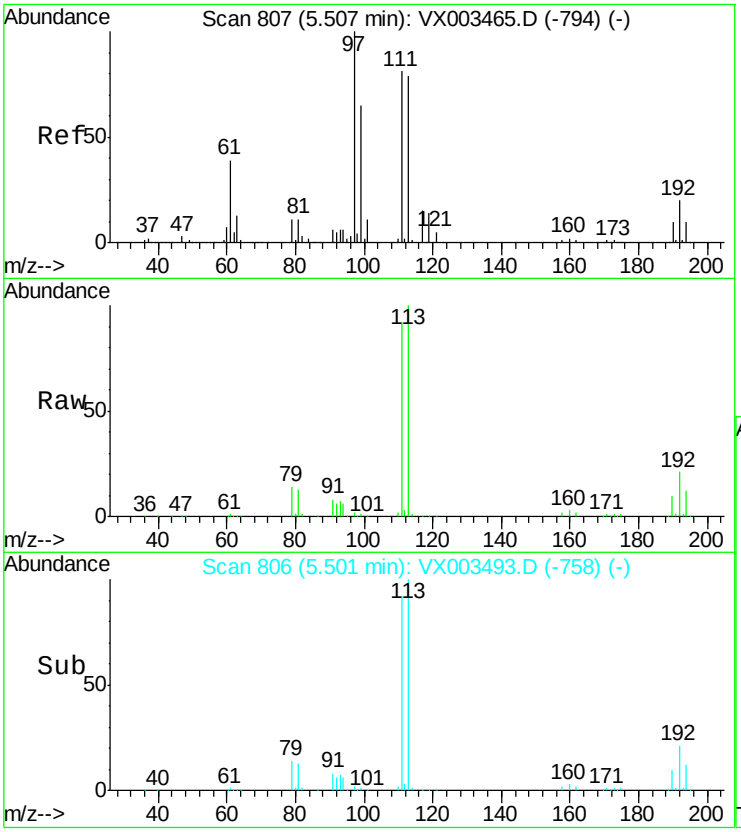


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion:114 Resp: 421756

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.4
88	14.9	0.0	30.0



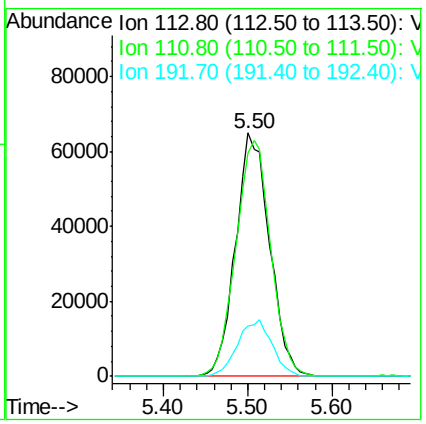


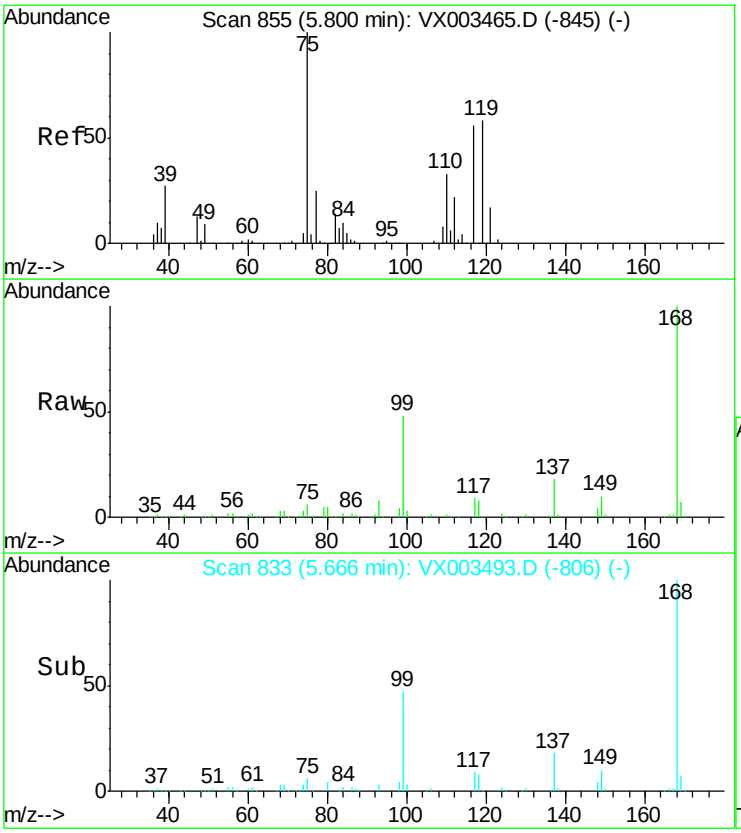
#35
Dibromofluoromethane
Concen: 55.08 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion:113 Resp: 176951

Ion	Ratio	Lower	Upper
113	100		
111	99.7	81.4	122.0
192	23.7	19.1	28.7

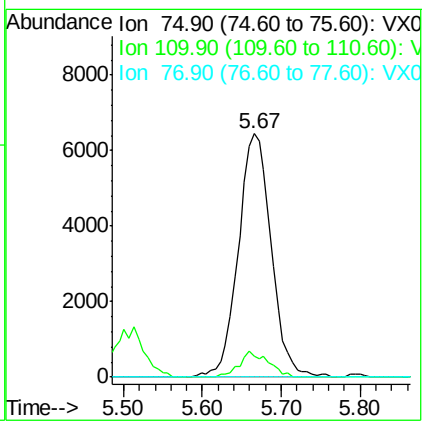


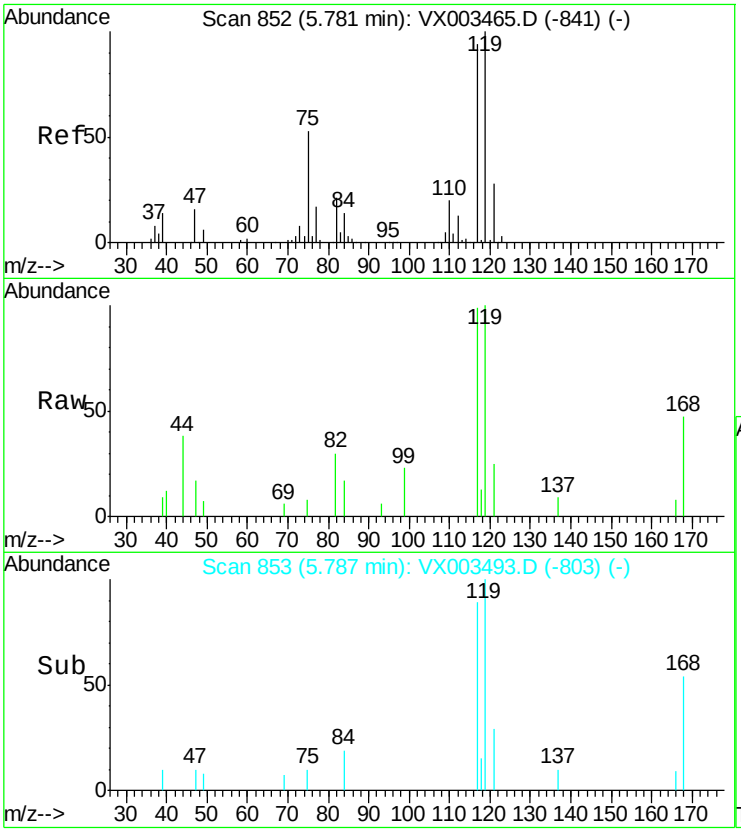


#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 75 Resp: 18697

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	24.3	36.5#



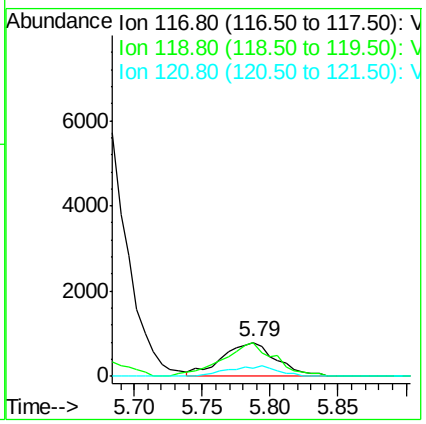


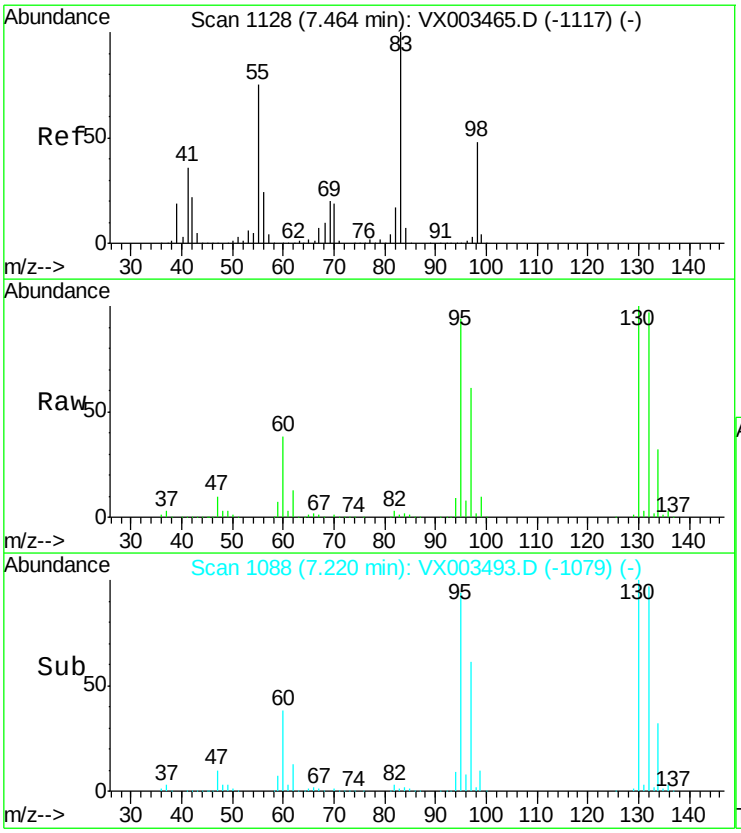
#38
Carbon Tetrachloride
Concen: 0.49 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion:117 Resp: 2207

Ion	Ratio	Lower	Upper
117	100		
119	100.5	77.4	116.0
121	25.3	24.4	36.6

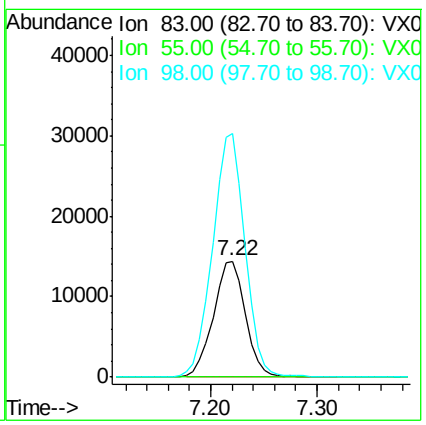


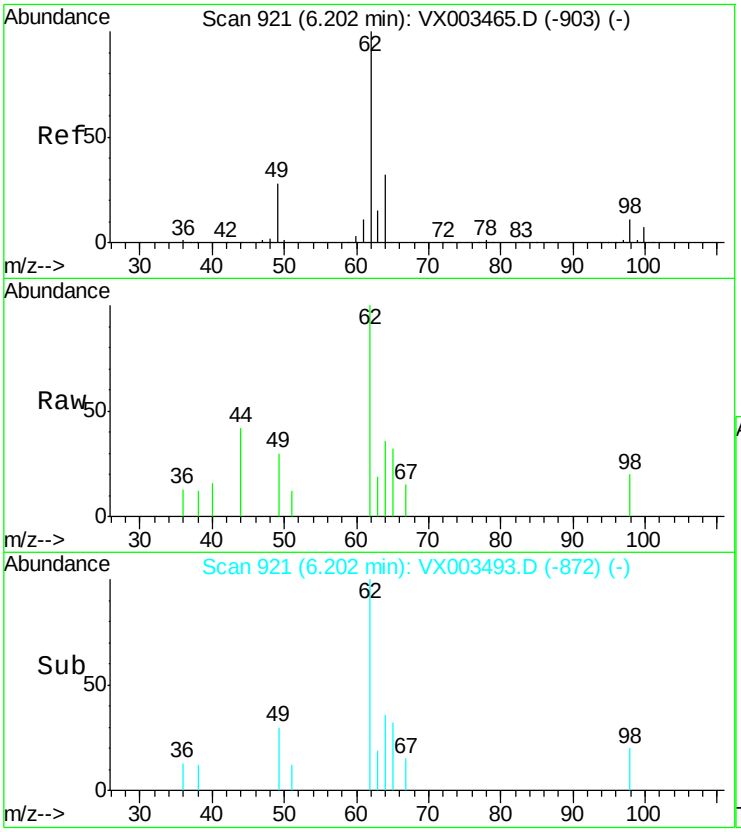


#39
Methylcyclohexane
Concen: 5.56 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.24 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 83 Resp: 29993

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.4	98.0#
98	210.0	37.4	56.0#



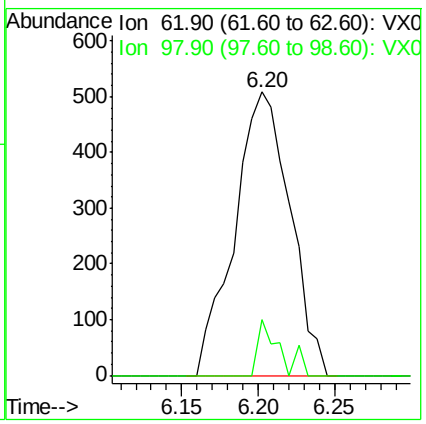


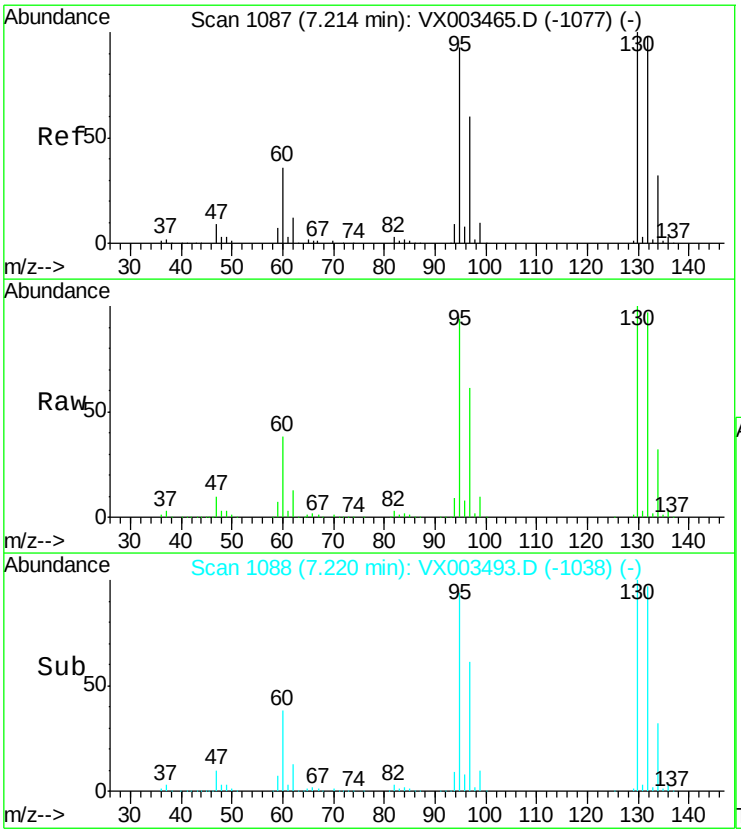
#42
1,2-Dichloroethane
Concen: 0.30 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 62 Resp: 1283

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.6

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

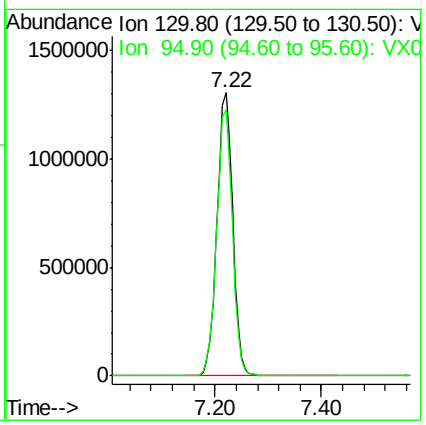


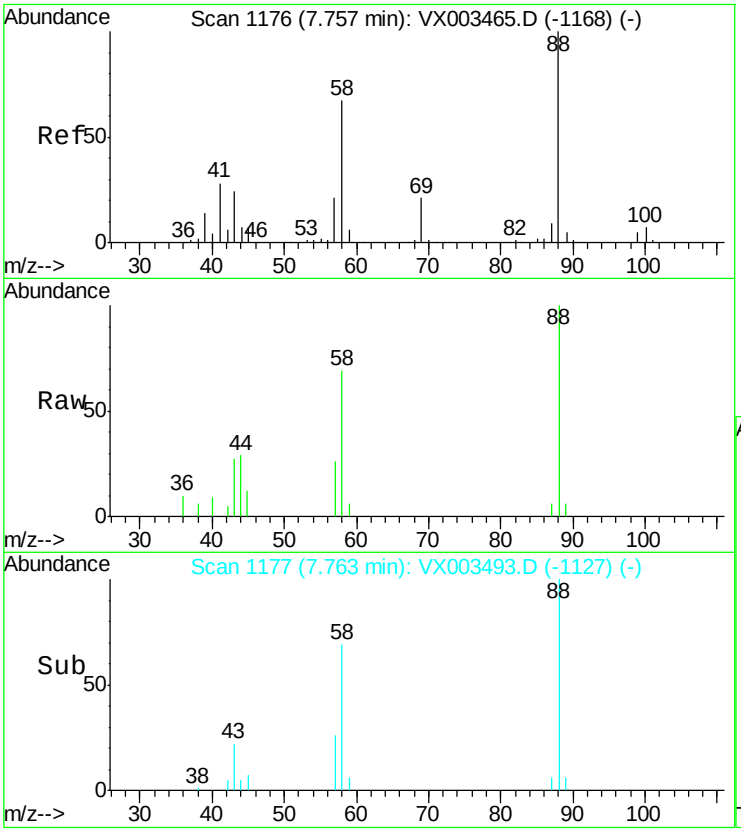


#44
Trichloroethene
Concen: 664.57 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion:130 Resp: 2724795

Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	185.4



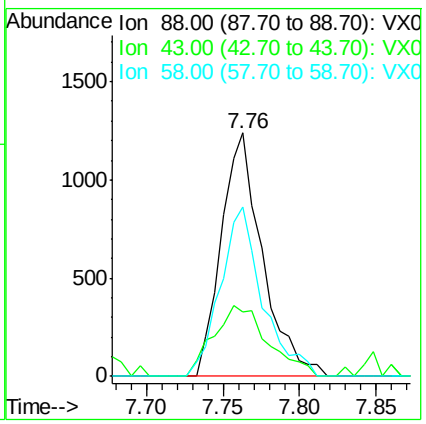


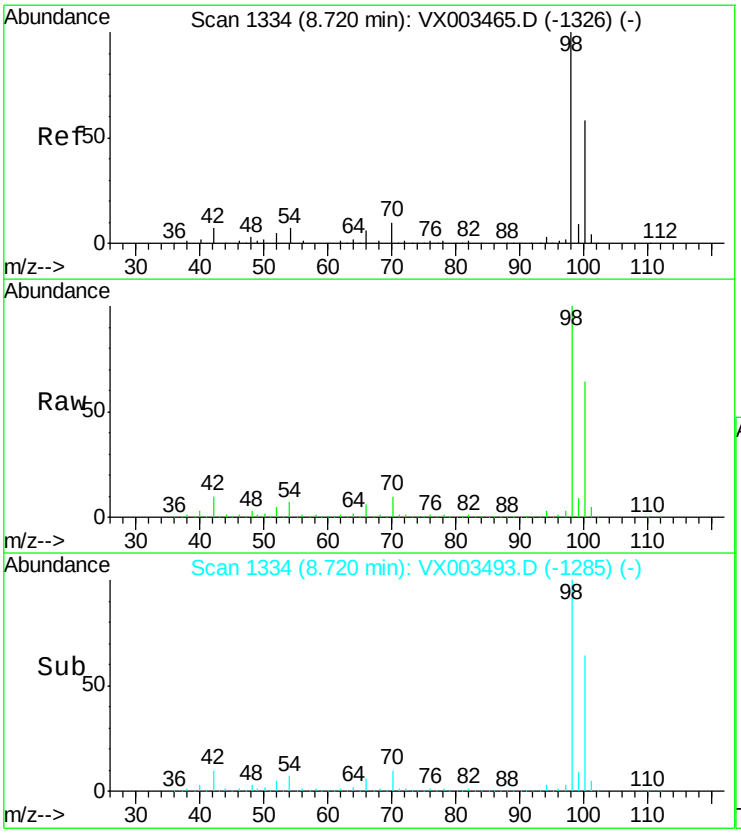
#49
1,4-Dioxane
Concen: 29.44 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 88 Resp: 2306

Ion	Ratio	Lower	Upper
88	100		
43	38.7	29.8	44.6
58	71.3	57.1	85.7

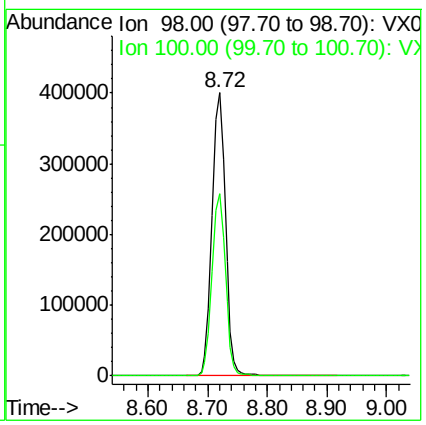


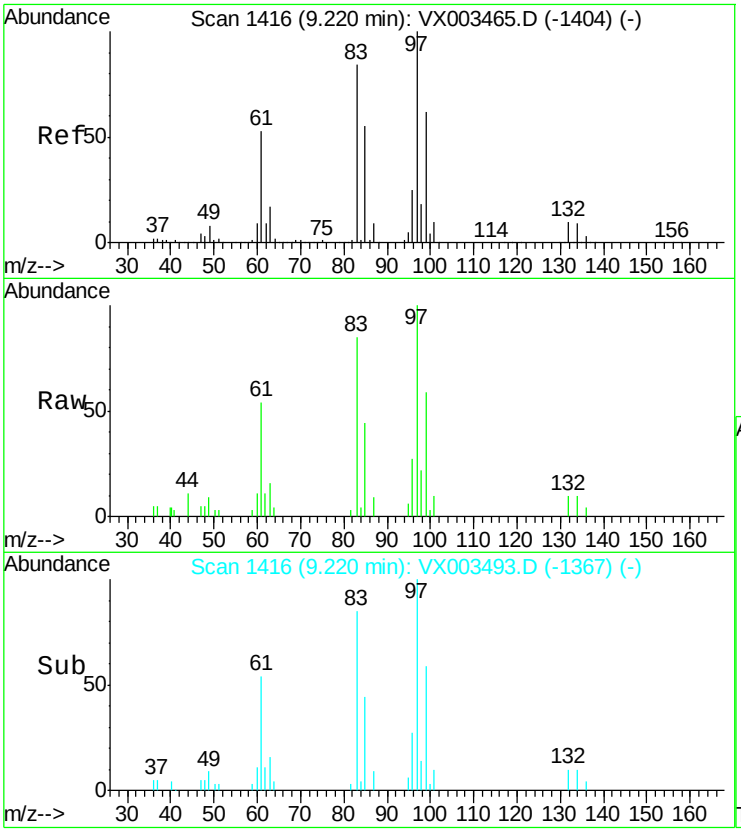


#50
Toluene-d8
Concen: 51.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 98 Resp: 624832

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3



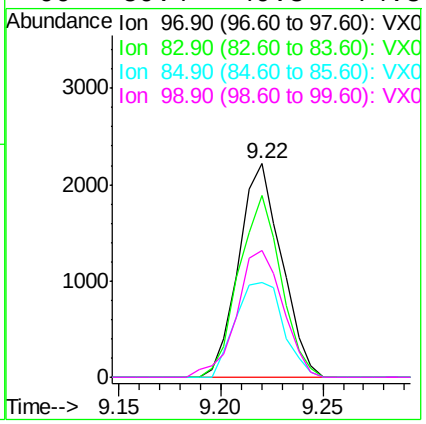


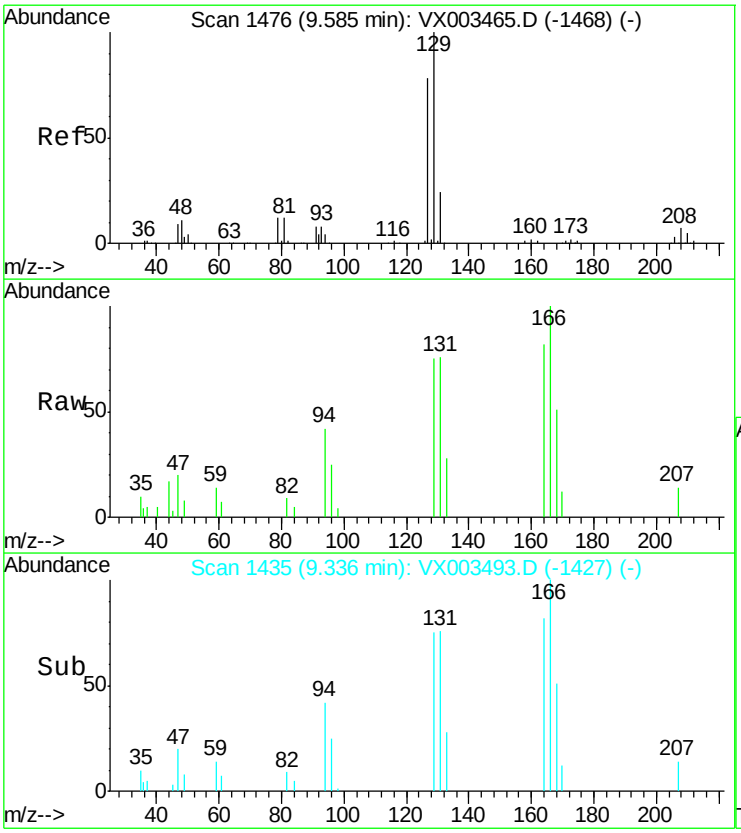
#55
1,1,2-Trichloroethane
Concen: 0.94 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 97 Resp: 3246

Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.2	105.2
85	44.2	44.9	67.3#
99	59.4	49.8	74.8

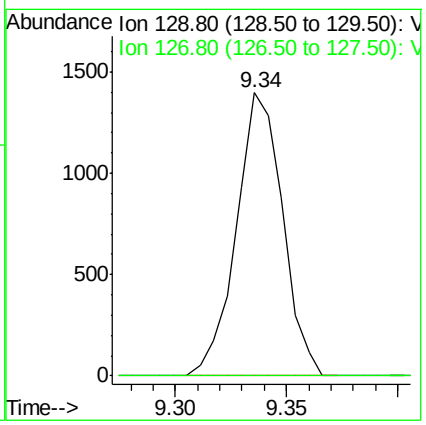


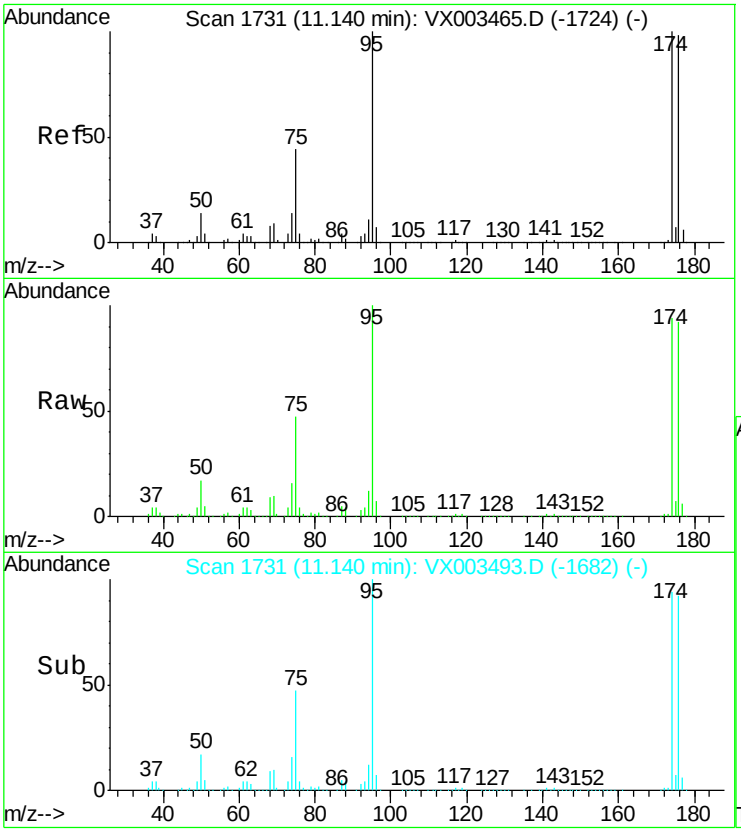


#60
Dibromochloromethane
Concen: 0.59 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion:129 Resp: 2020

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



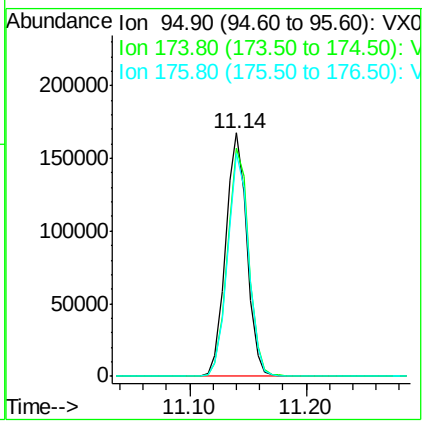


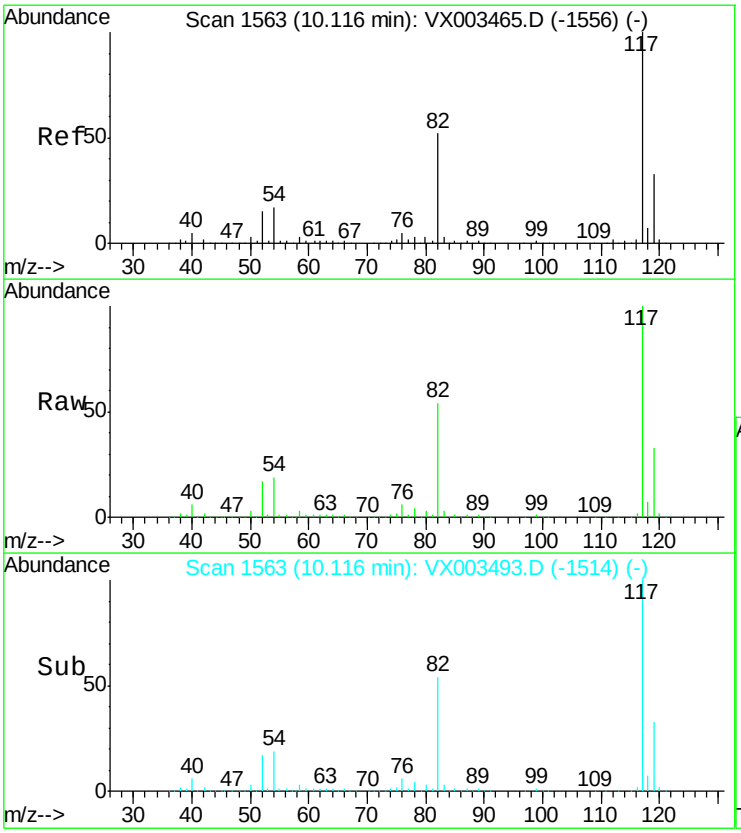
#62
4-Bromofluorobenzene
Concen: 47.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 95 Resp: 210874

Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	187.4
176	91.6	0.0	181.0

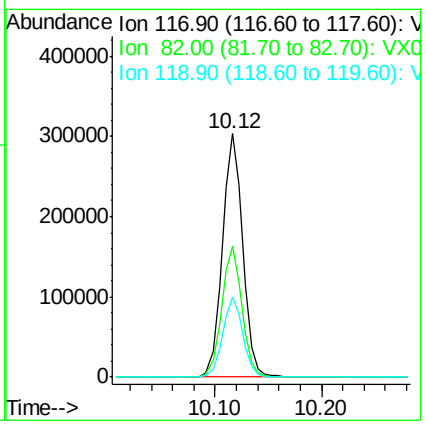


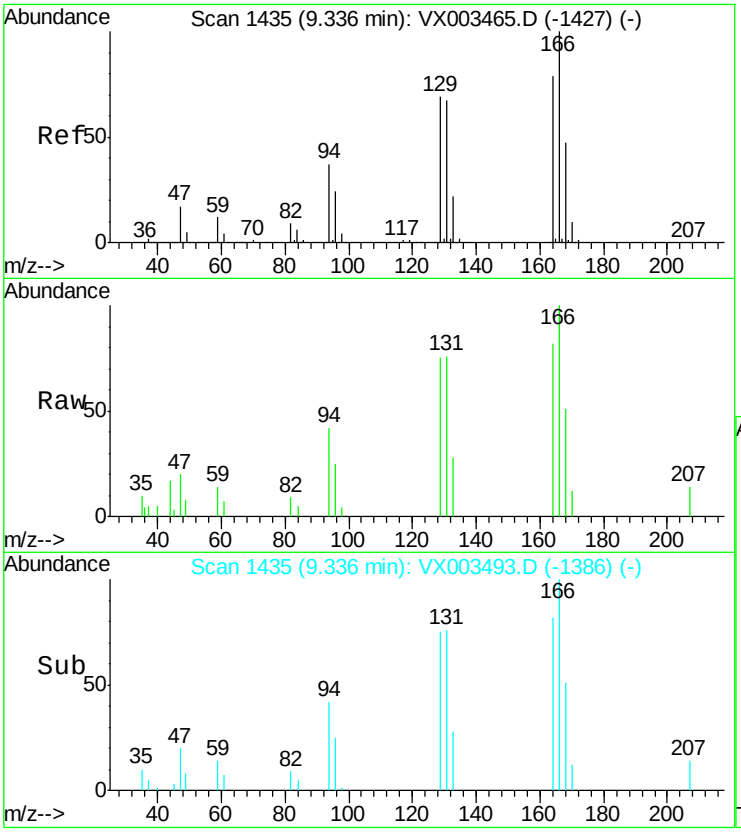


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion:117 Resp: 405698

Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.0	67.4
119	33.0	25.8	38.6



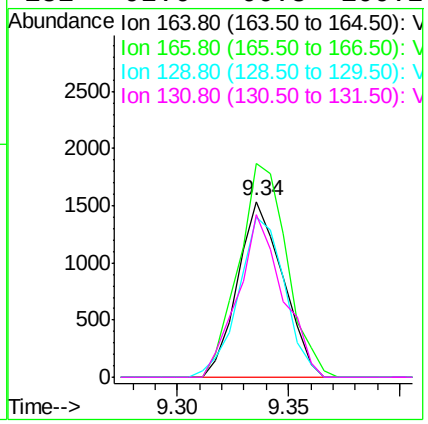


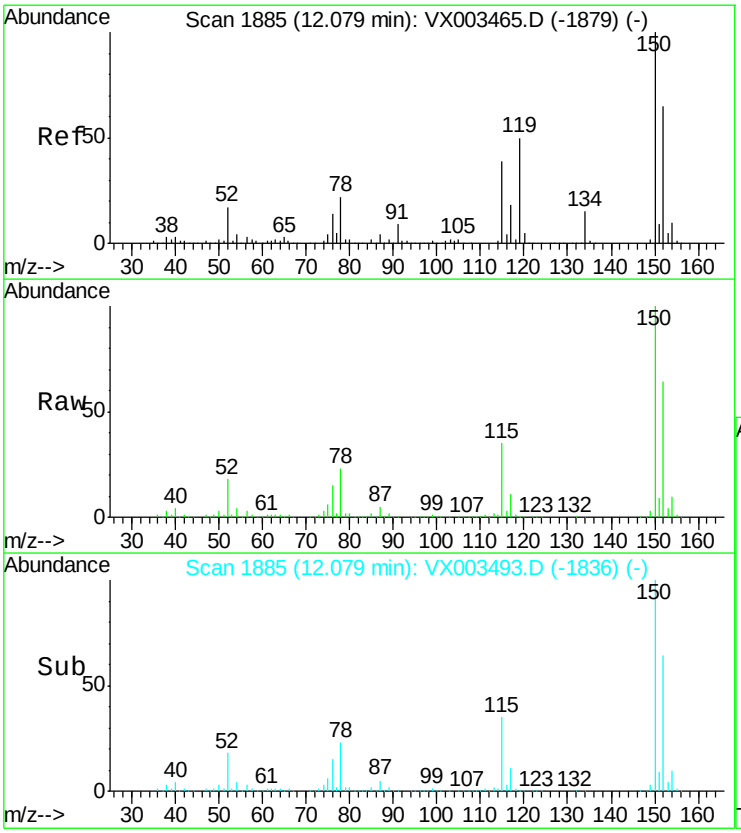
#64
Tetrachloroethene
Concen: 0.44 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument : MSVOA_X
ClientSampleId : GW02-071118

Tgt Ion:164 Resp: 2180

Ion	Ratio	Lower	Upper
164	100		
166	121.4	102.9	154.3
129	90.8	68.6	102.8
131	92.6	66.8	100.2

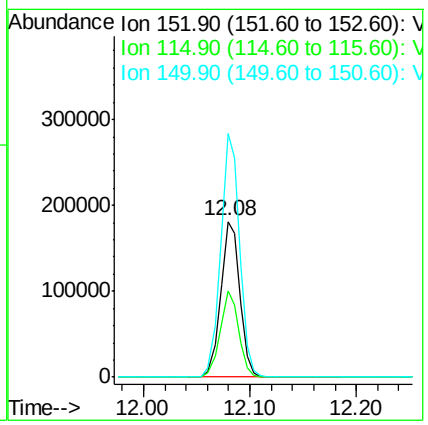


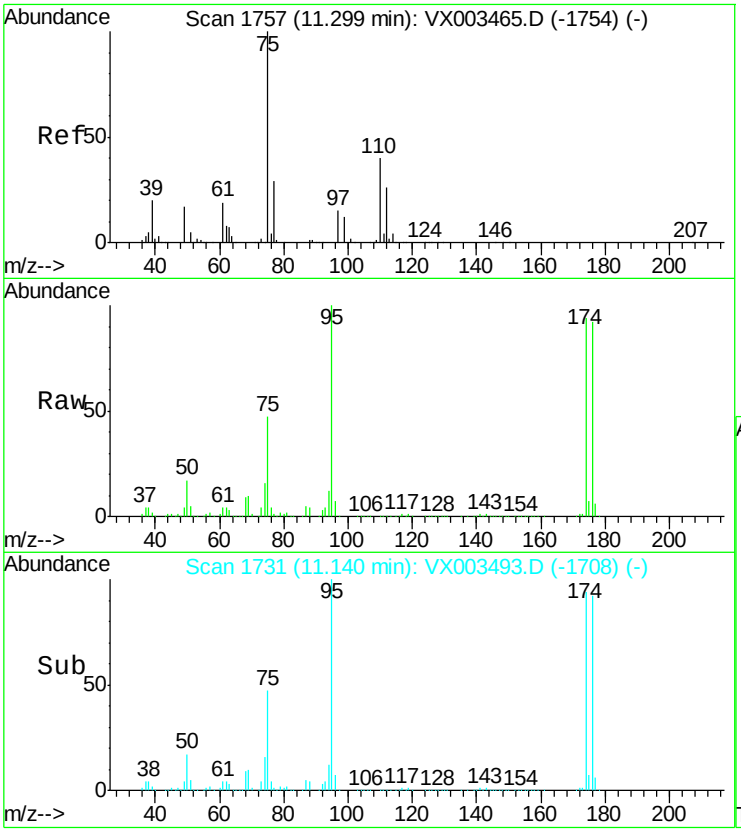


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion:152 Resp: 225899

Ion	Ratio	Lower	Upper
152	100		
115	53.8	40.1	120.2
150	155.3	0.0	347.2



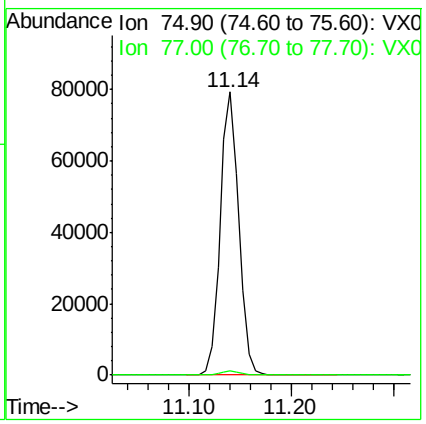


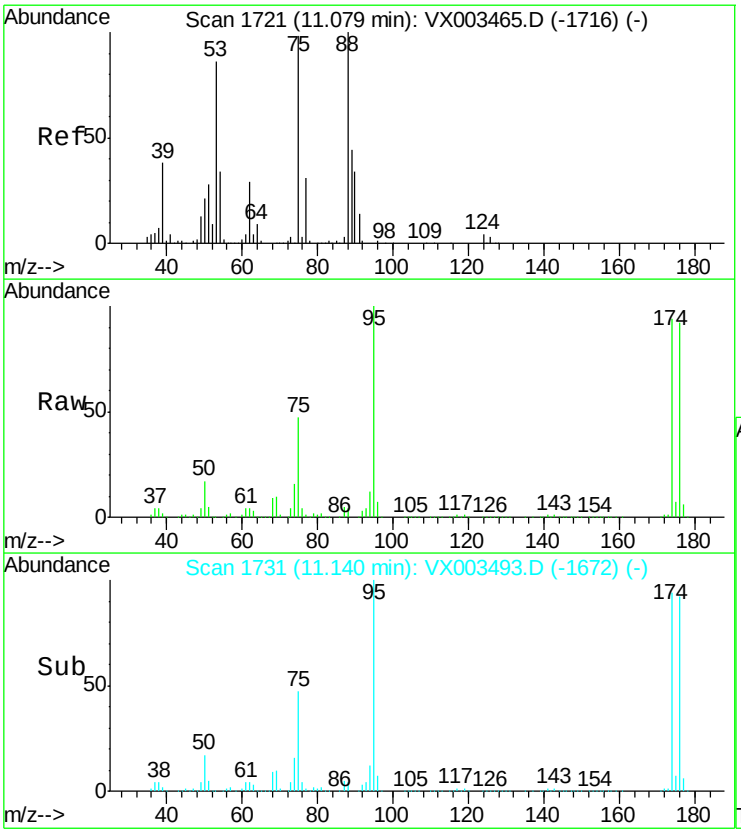
#76
1,2,3-Trichloropropane
Concen: 24.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
GW02-071118

Tgt Ion: 75 Resp: 100508

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.38 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003493.D
Acq: 20 Jul 2018 04:58

Tgt Ion: 75 Resp: 100508

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#