Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071918\
Data File : VX003489.D
Acq On : 20 Jul 2018 03:12
Operator : JC/SP
Sample : J3170-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GW01-071118

Quant Time: Jul 20 04:05:31 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	5.67	168	291501	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	415781	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	409644	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231842	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	182400	52.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.72%				
35) Dibromofluoromethane	5.51	113	168845	53.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.64%				
50) Toluene-d8	8.72	98	610215	51.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.52%				
62) 4-Bromofluorobenzene	11.14	95	213293	49.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	1612	Below Cal			96
3) Chloromethane	1.33	50	724	Below Cal			99
5) Bromomethane	1.61	94	203	Below Cal		#	3
7) Trichlorofluoromethane	1.93	101	1020	0.21	ug/l		96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29191	9.03	ug/l		96
10) Methyl Iodide	2.53	142	1087	0.28	ug/l	#	89
11) Tert butyl alcohol	3.03	59	473	0.69	ug/l	#	73
12) 1,1-Dichloroethene	2.38	96	13125	4.41	ug/l		83
13) Acrolein	2.31	56	84	0.27	ug/l	#	14
16) Acetone	2.45	43	1212	0.93	ug/l	#	84
20) Methylene Chloride	2.86	84	646	Below Cal		#	75
24) 1,1-Dichloroethane	3.70	63	4694	0.81	ug/l		96
25) 2-Butanone	4.71	43	757	0.35	ug/l	#	79
27) cis-1,2-Dichloroethene	4.60	96	16279	4.41	ug/l		58
29) Tetrahydrofuran	5.17	42	868	0.60	ug/l	#	51
30) Chloroform	5.22	83	3086	0.54	ug/l		90
31) Cyclohexane	5.66	56	4702	0.90	ug/l	#	1
32) 1,1,1-Trichloroethane	5.49	97	2150	0.44	ug/l	#	46
36) 1,1-Dichloropropene	5.66	75	19073	4.25	ug/l	#	50
38) Carbon Tetrachloride	5.78	117	1564	0.36	ug/l		91
42) 1,2-Dichloroethane	6.20	62	891	0.21	ug/l	#	77
44) Trichloroethene	7.21	130	467390	115.63	ug/l		98
49) 1,4-Dioxane	7.76	88	1887	24.44	ug/l		94
51) 4-Methyl-2-Pentanone	8.72	43	2556	0.60	ug/l	#	1
52) Toluene	8.79	92	1709	0.20	ug/l		94
55) 1,1,2-Trichloroethane	9.22	97	1378	0.41	ug/l		91
60) Dibromochloromethane	9.34	129	1559	0.46	ug/l	#	11
64) Tetrachloroethene	9.34	164	1747	0.35	ug/l	#	92
76) 1,2,3-Trichloropropane	11.14	75	98525	23.66	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	98525	66.37	ug/l	#	7

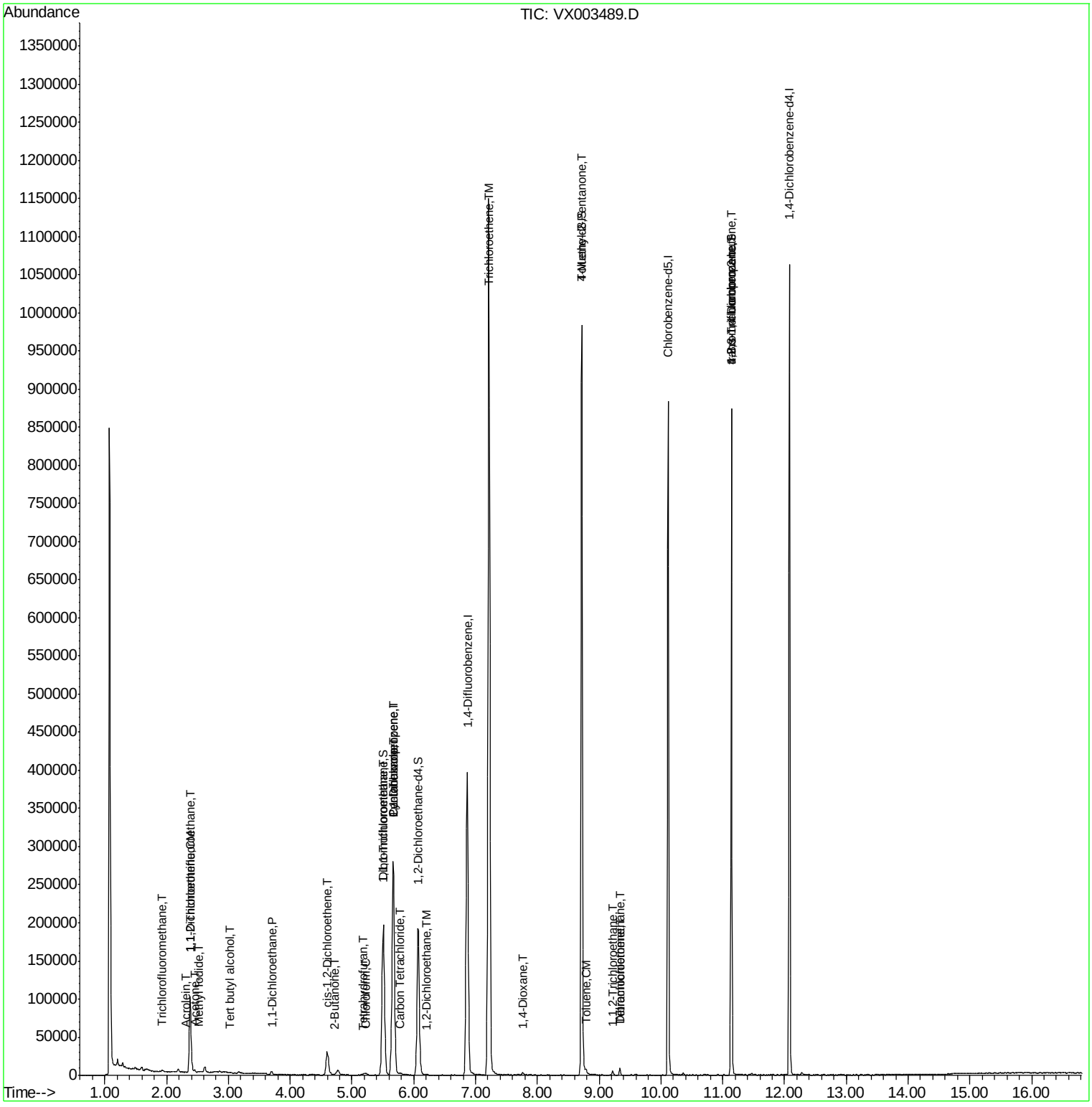
(#) = qualifier out of range (m) = manual integration (+) = signals summed

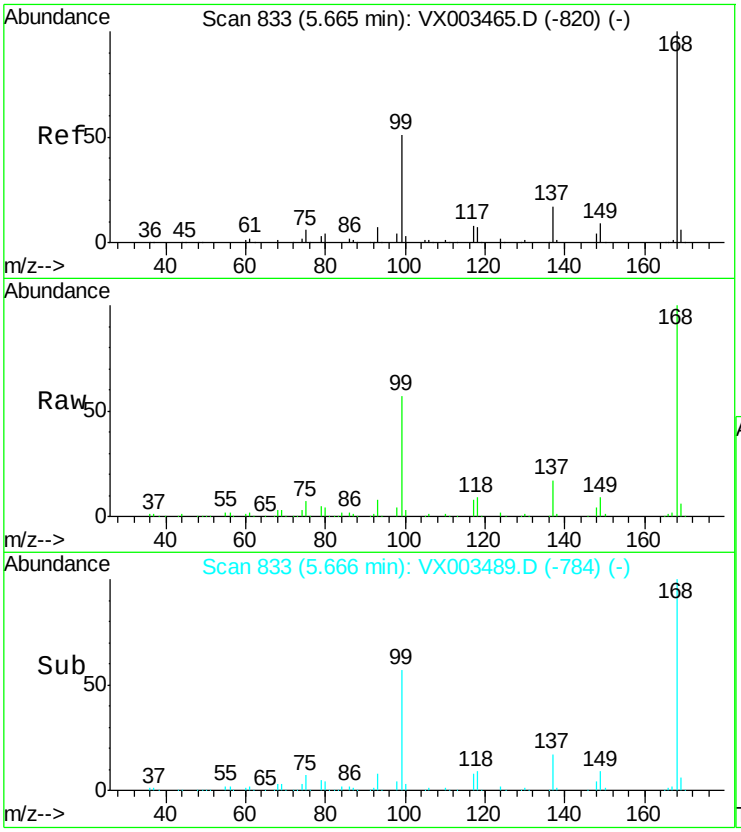
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
Data File : VX003489.D
Acq On : 20 Jul 2018 03:12
Operator : JC/SP
Sample : J3170-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Quant Time: Jul 20 04:05:31 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



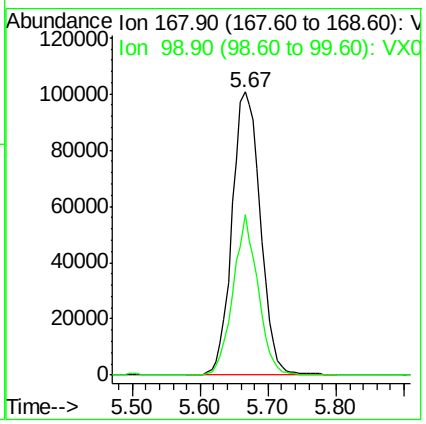


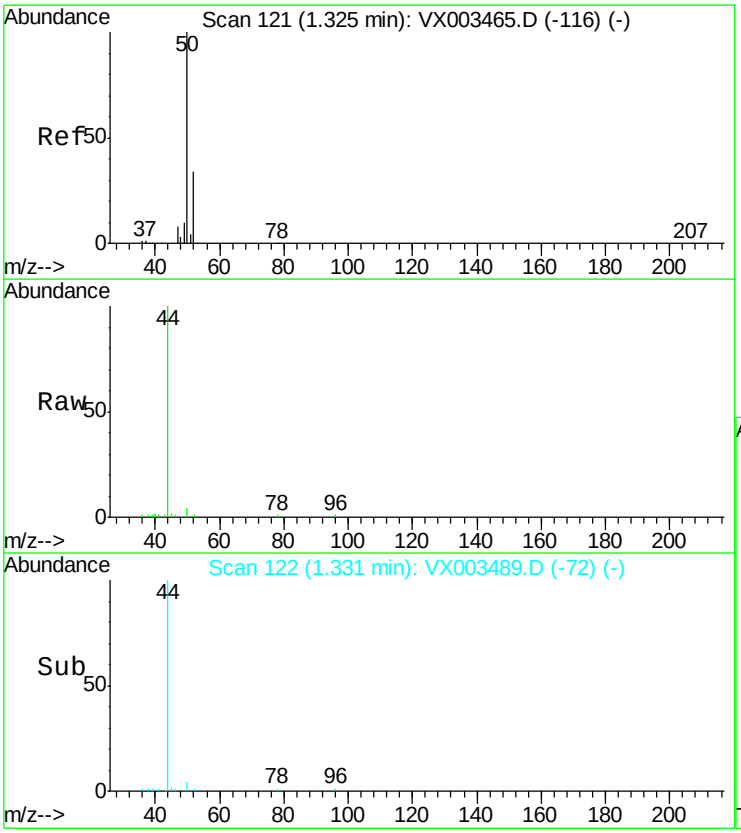
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion:168 Resp: 291501

Ion	Ratio	Lower	Upper
168	100		
99	56.6	39.3	58.9

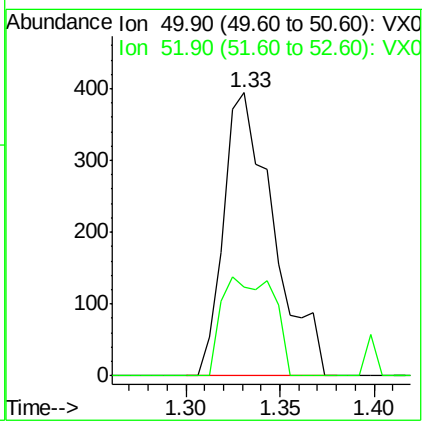


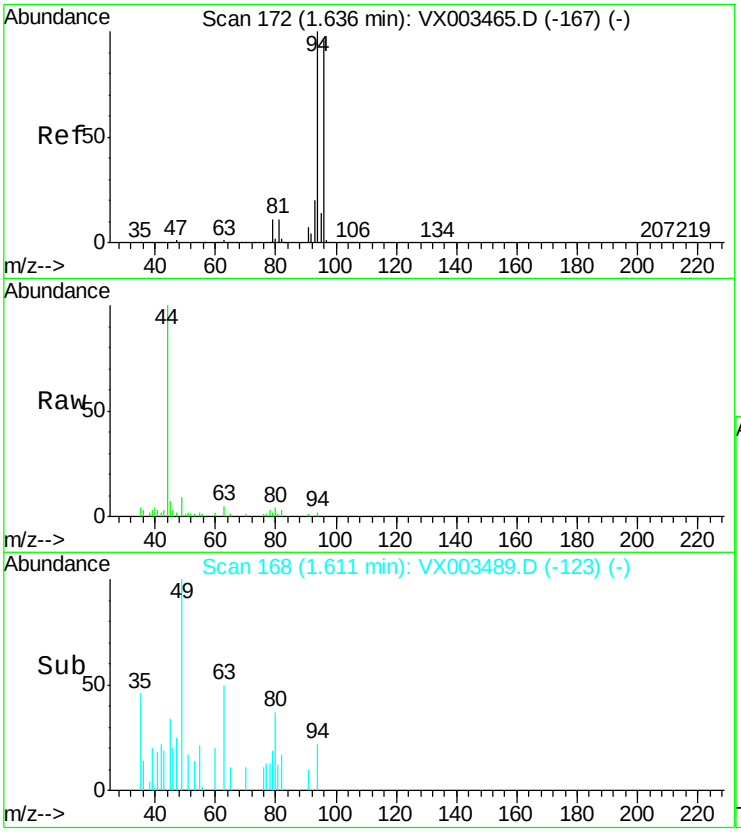


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 50 Resp: 724

Ion	Ratio	Lower	Upper
50	100		
52	31.5	25.7	38.5



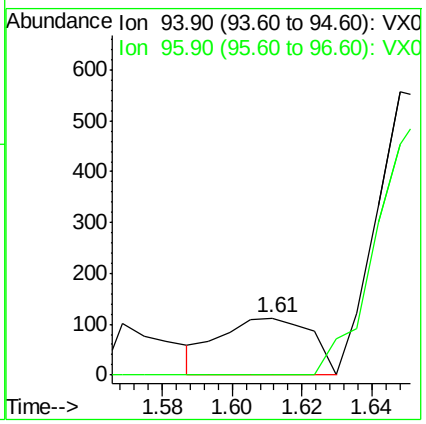


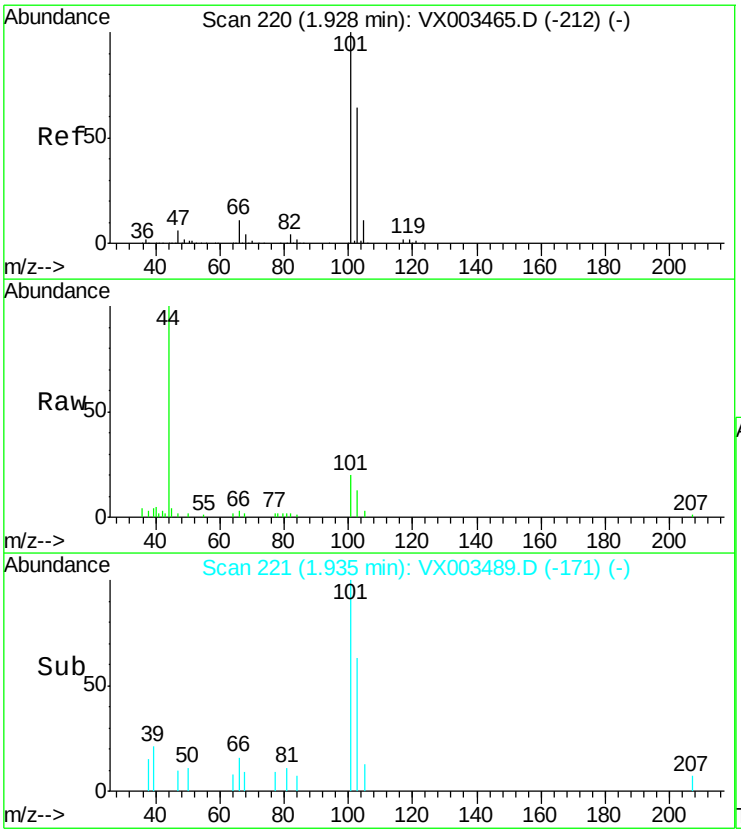
#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 168
Delta R.T. -0.02 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion: 94 Resp: 203

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.9	112.3#

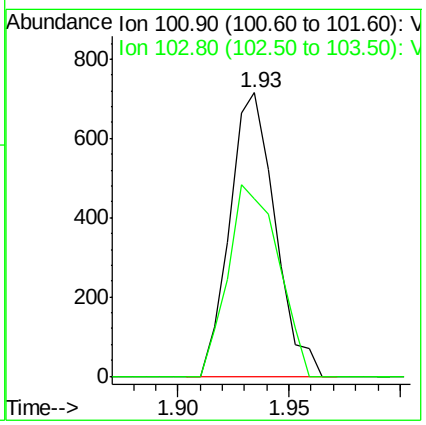


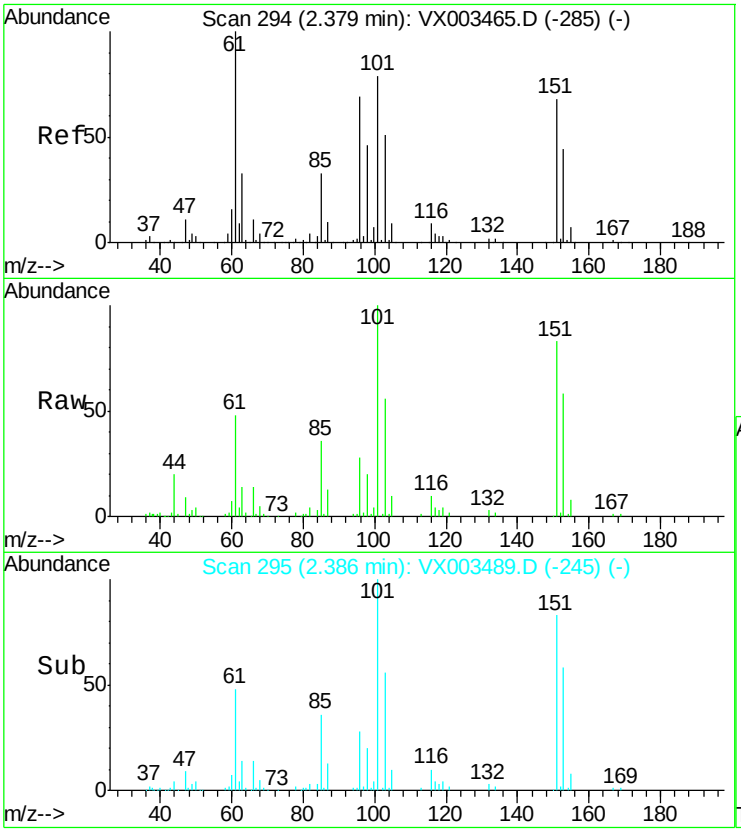


#7
Trichlorofluoromethane
Concen: 0.21 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion:101 Resp: 1020

Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.8	79.2



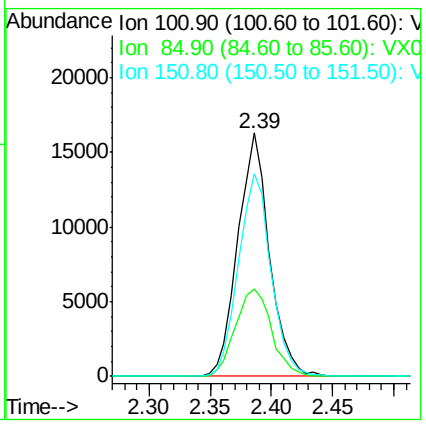


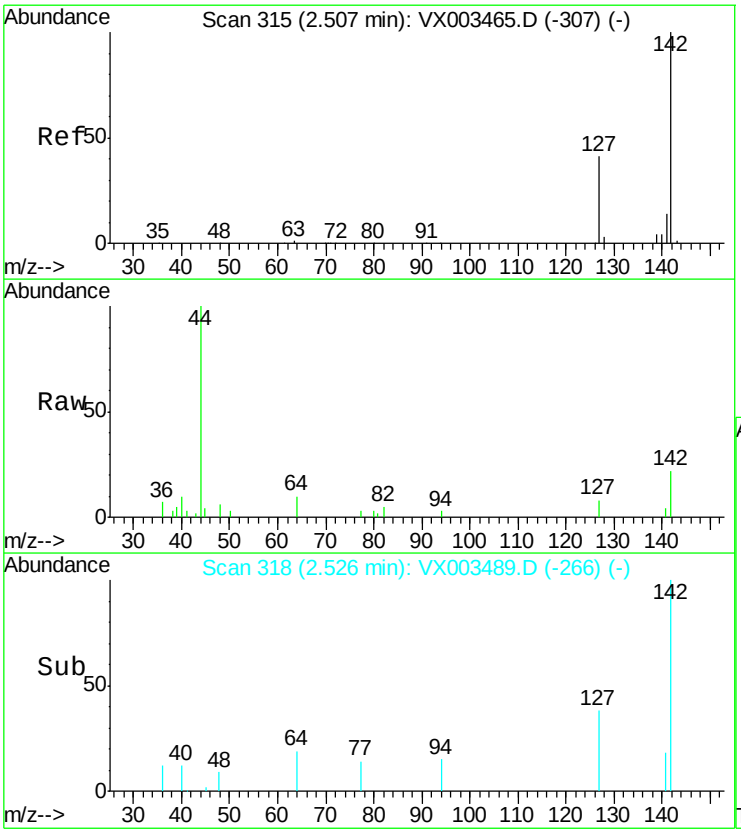
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.03 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion:101 Resp: 29191

Ion	Ratio	Lower	Upper
101	100		
85	40.9	36.0	54.0
151	86.2	70.9	106.3

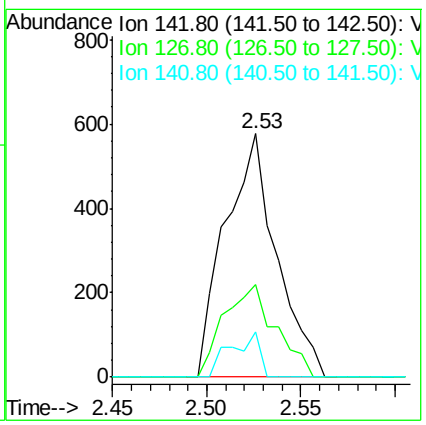


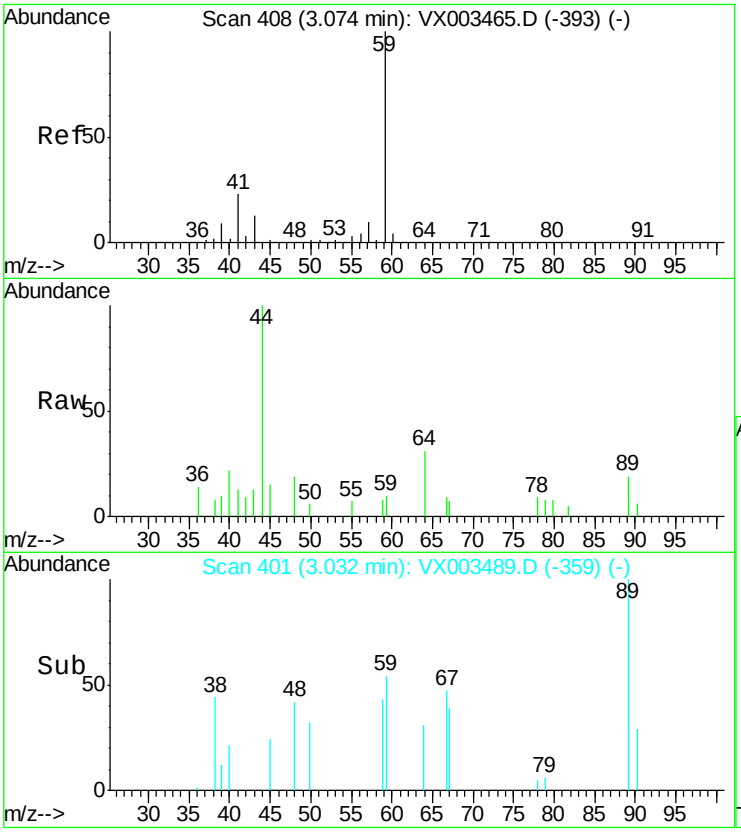


#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion:142 Resp: 1087

Ion	Ratio	Lower	Upper
142	100		
127	38.4	36.6	55.0
141	10.4	11.3	16.9#



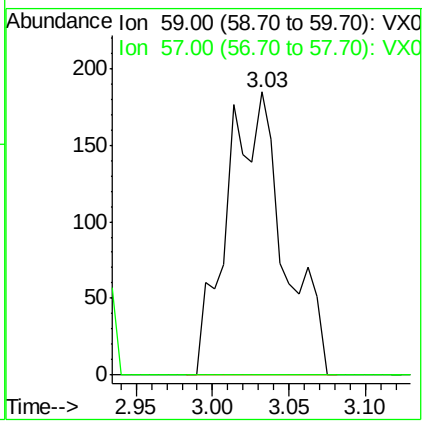


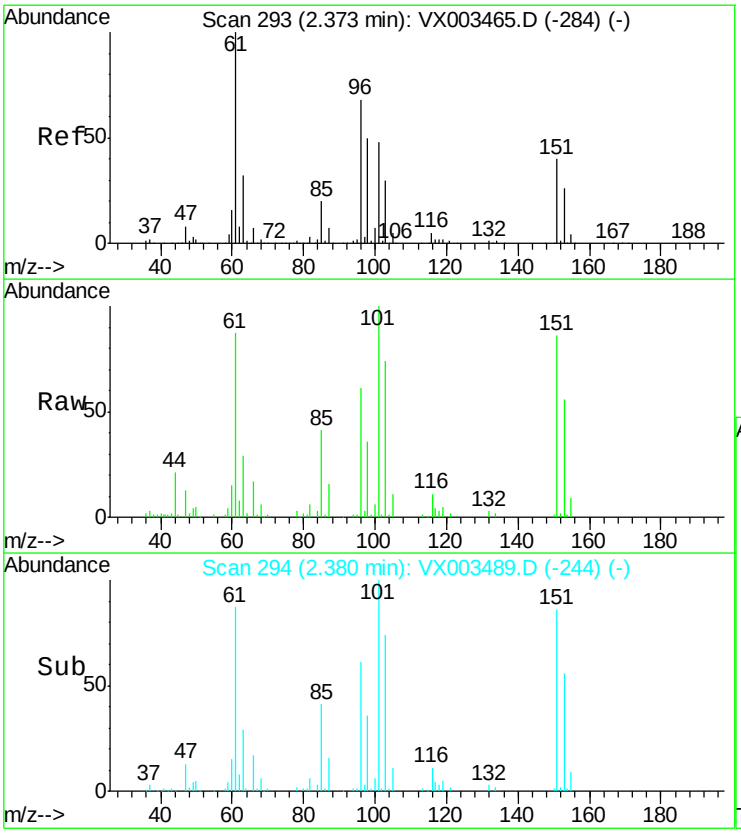
#11
Tert butyl alcohol
Concen: 0.69 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.04 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion: 59 Resp: 473

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

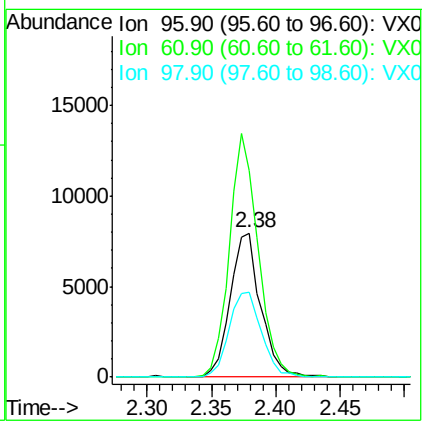


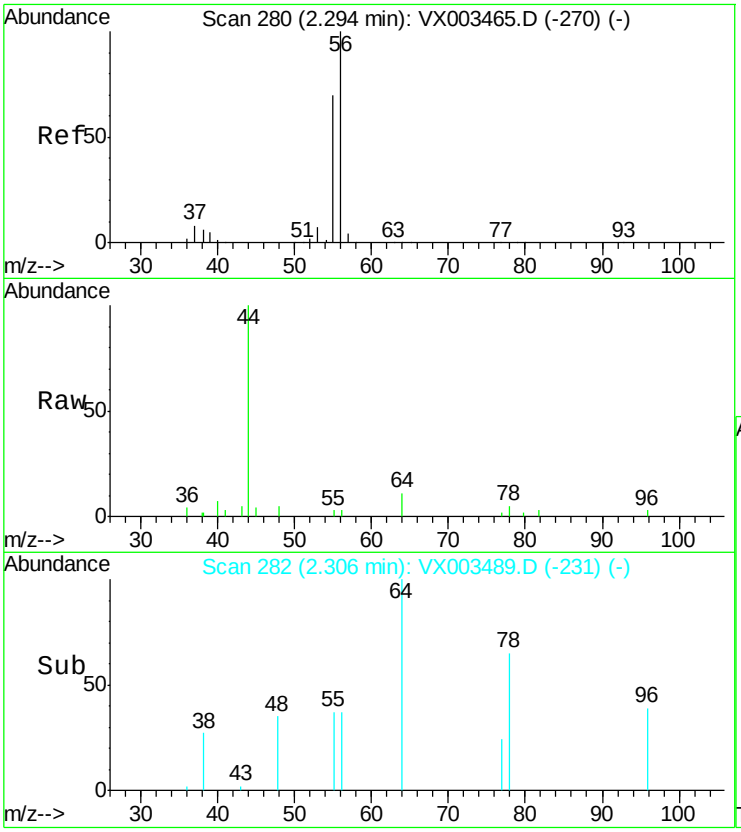


#12
1,1-Dichloroethene
Concen: 4.41 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 96 Resp: 13125

Ion	Ratio	Lower	Upper
96	100		
61	143.8	137.9	206.9
98	59.2	51.6	77.4



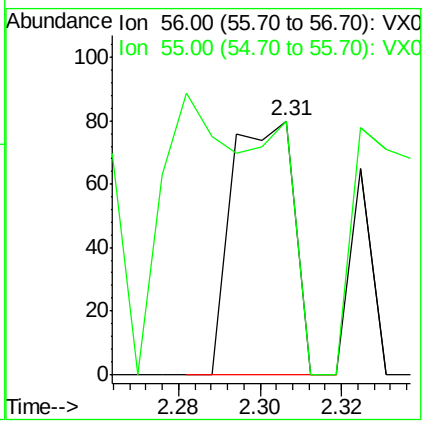


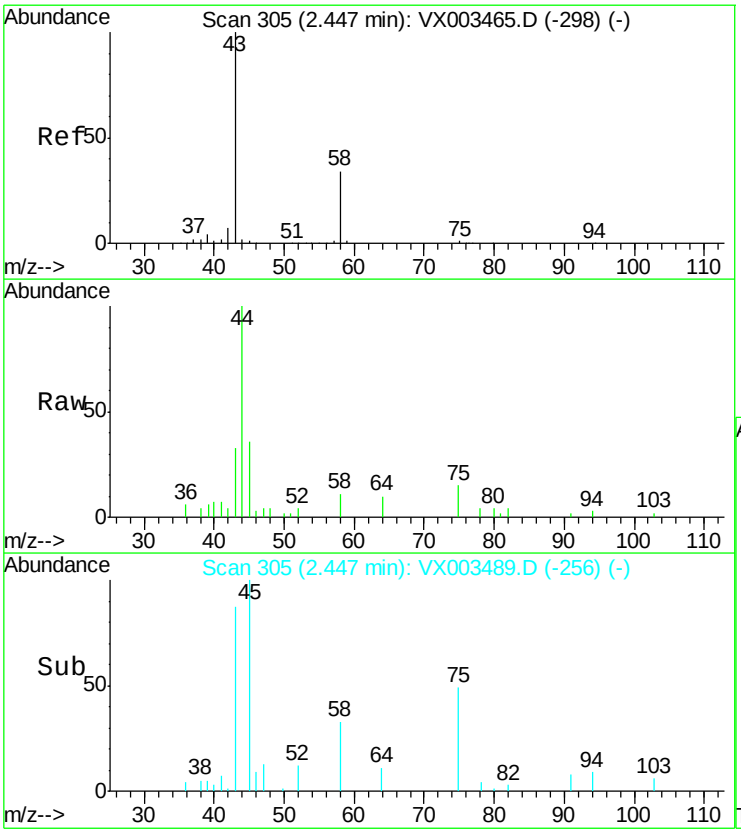
#13
Acrolein
Concen: 0.27 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion: 56 Resp: 84

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

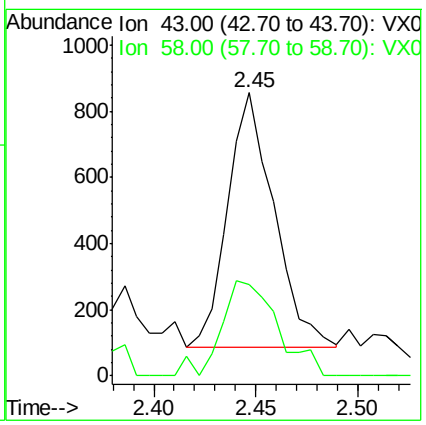


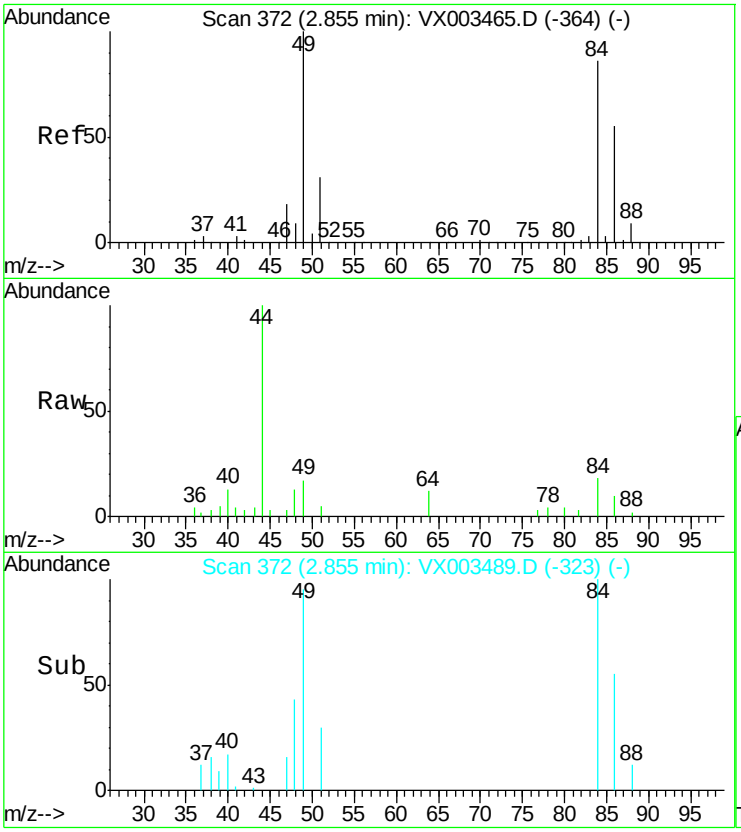


#16
Acetone
Concen: 0.93 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 43 Resp: 1212

Ion	Ratio	Lower	Upper
43	100		
58	36.2	22.1	33.1#



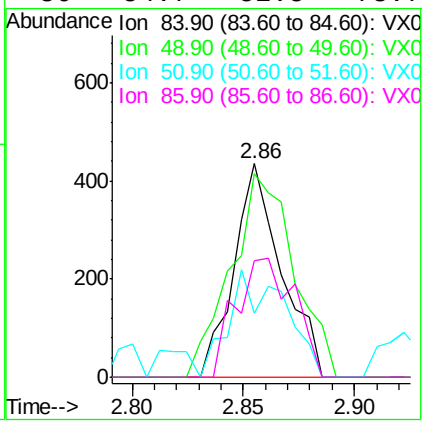


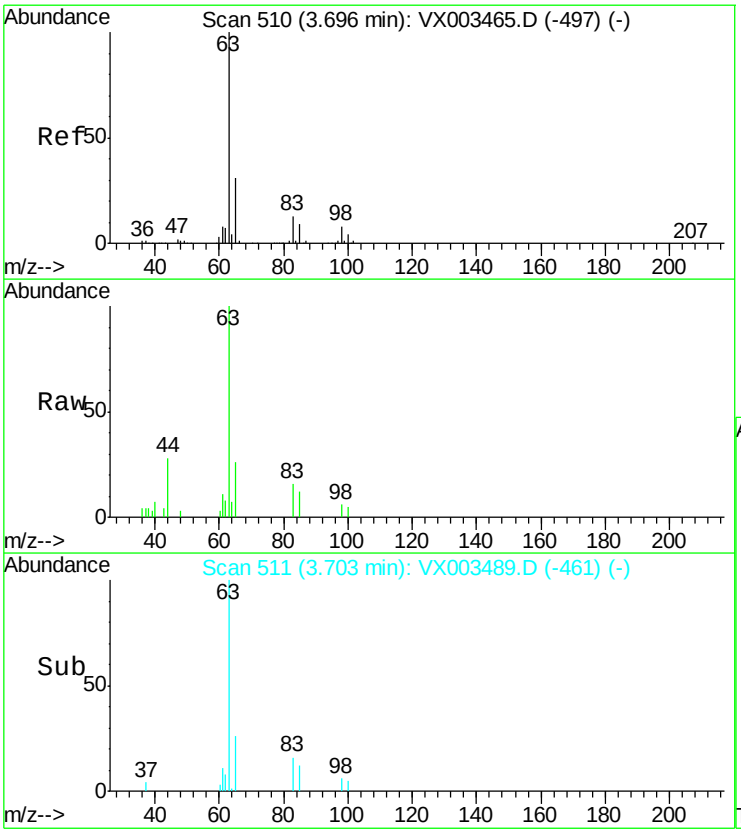
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument : MSVOA_X
ClientSampleId : GW01-071118

Tgt Ion: 84 Resp: 646

Ion	Ratio	Lower	Upper
84	100		
49	95.4	107.8	161.6#
51	29.9	32.8	49.2#
86	54.7	52.5	78.7

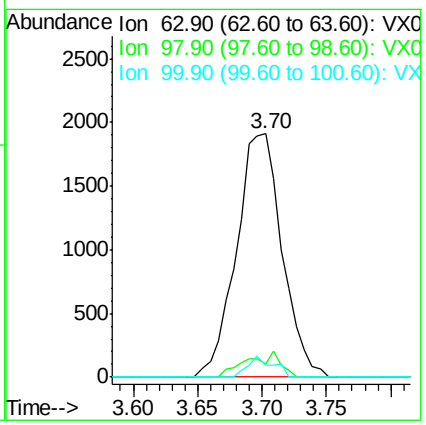


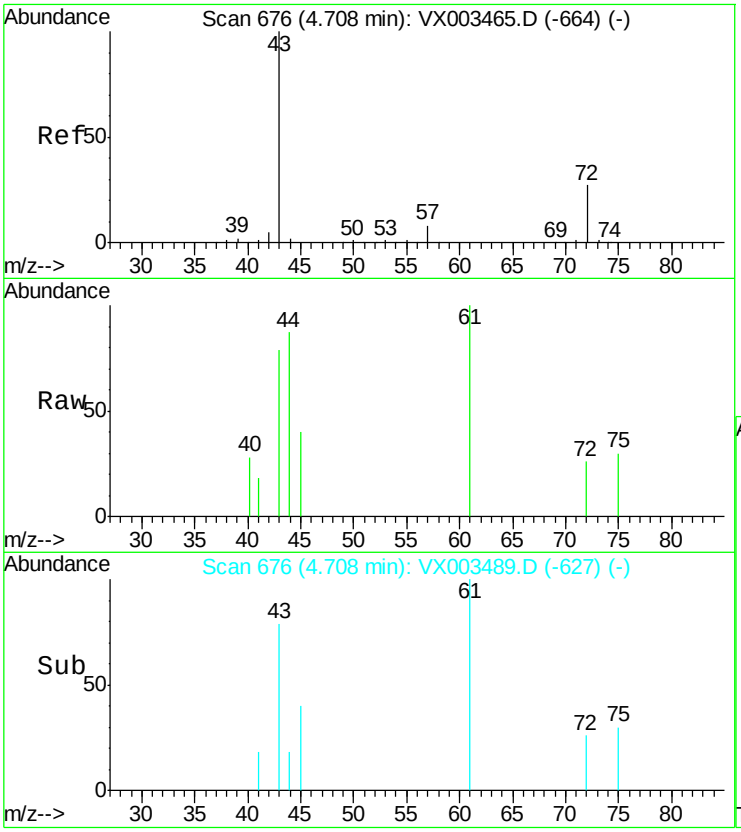


#24
1,1-Dichloroethane
Concen: 0.81 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 63 Resp: 4694

Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.4	10.2
100	5.2	2.0	6.0



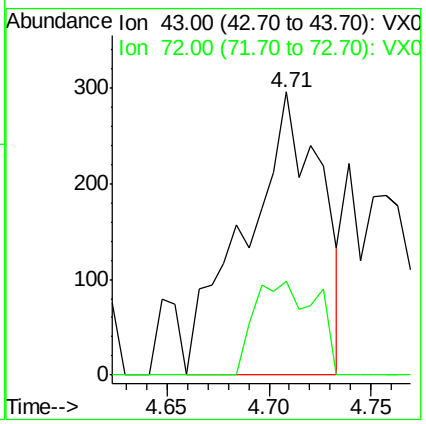


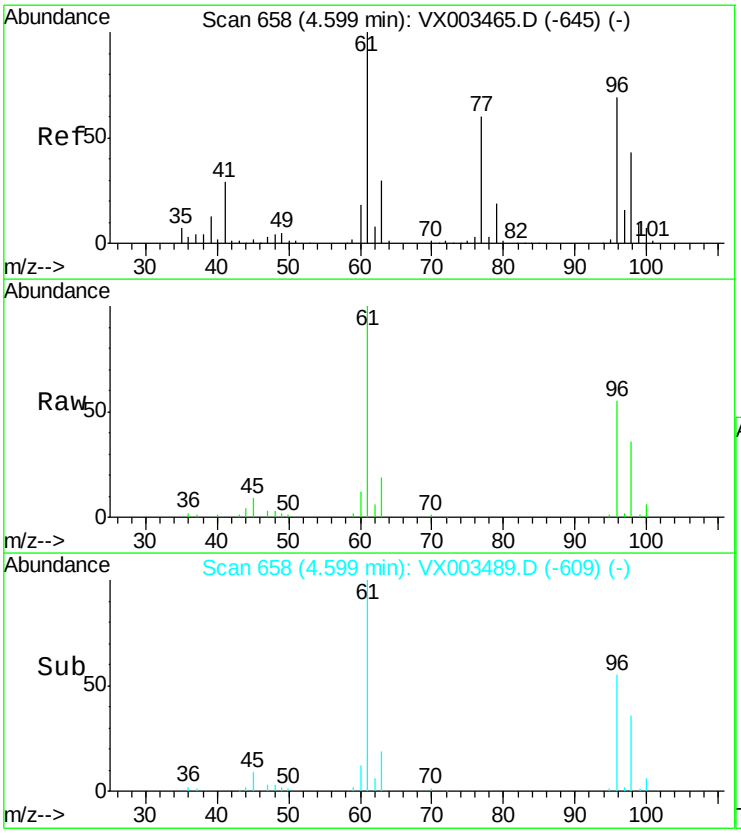
#25
2-Butanone
Concen: 0.35 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion: 43 Resp: 757

Ion	Ratio	Lower	Upper
43	100		
72	33.1	18.5	27.7#

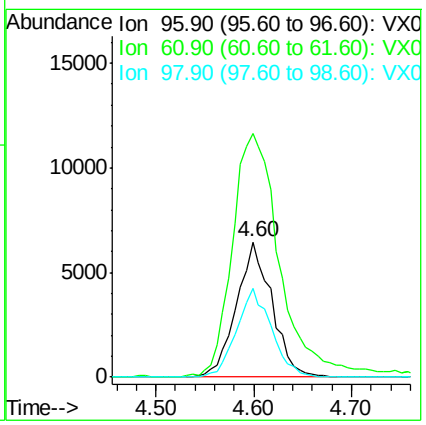


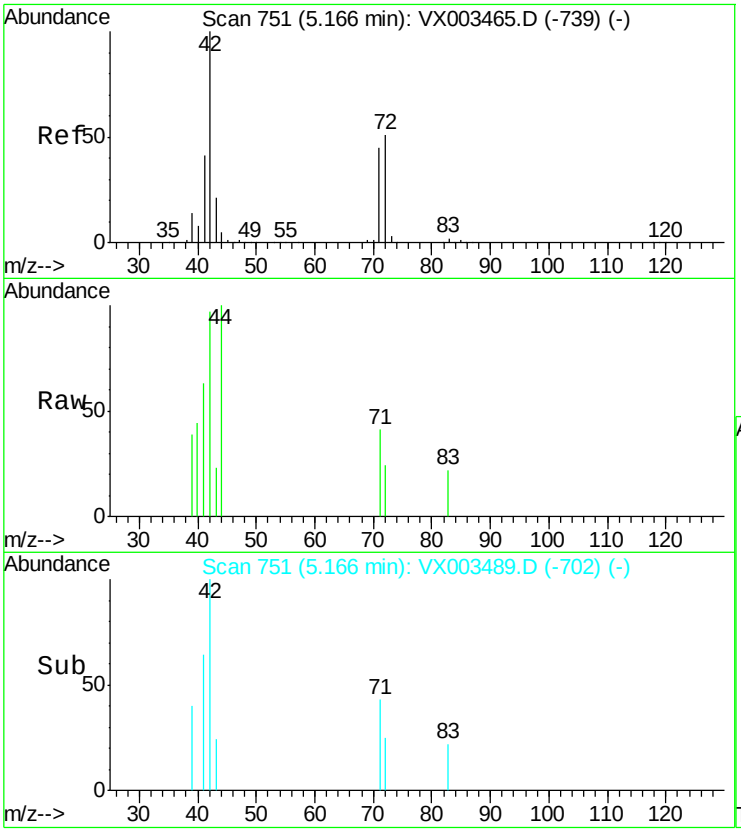


#27
cis-1,2-Dichloroethene
Concen: 4.41 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 96 Resp: 16279

Ion	Ratio	Lower	Upper
96	100		
61	242.9	0.0	330.2
98	64.2	0.0	130.2



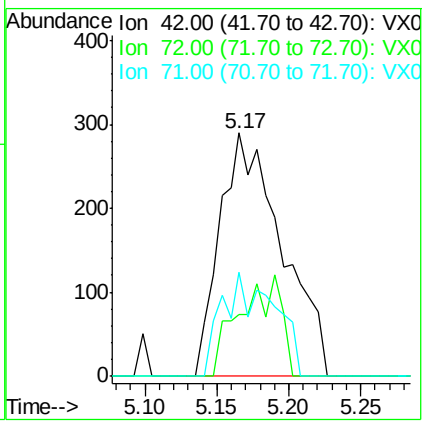


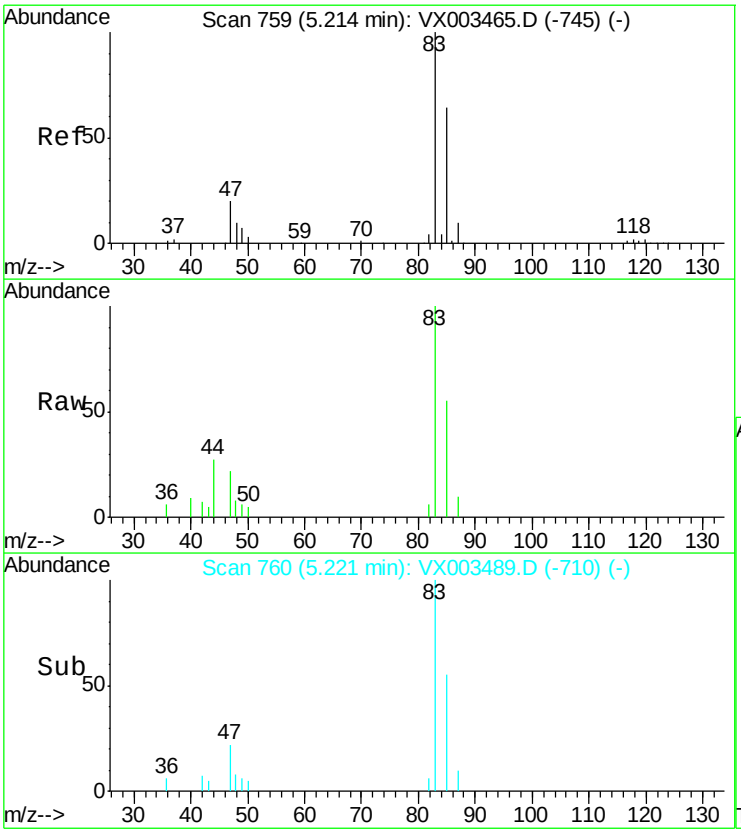
#29
Tetrahydrofuran
Concen: 0.60 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion: 42 Resp: 868

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	18.0	30.1	45.1#

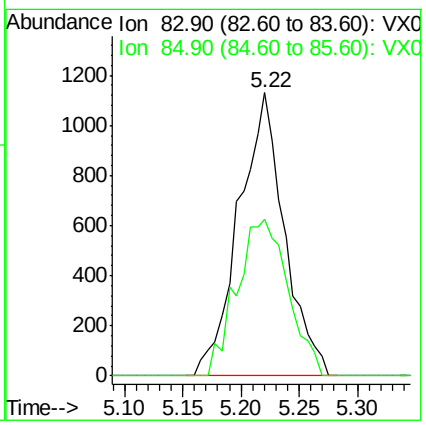


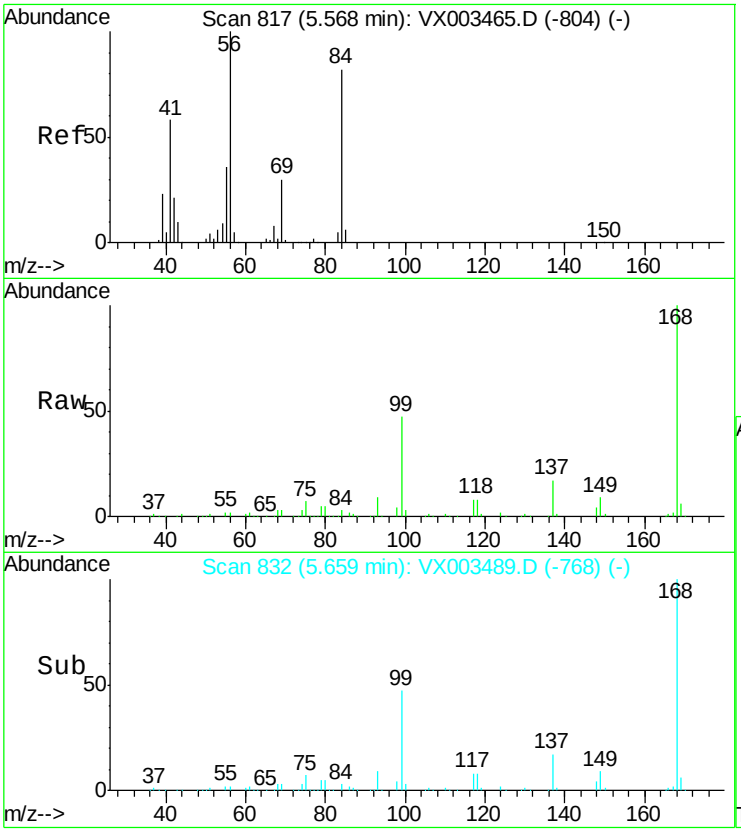


#30
Chloroform
Concen: 0.54 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 83 Resp: 3086

Ion	Ratio	Lower	Upper
83	100		
85	55.3	50.4	75.6



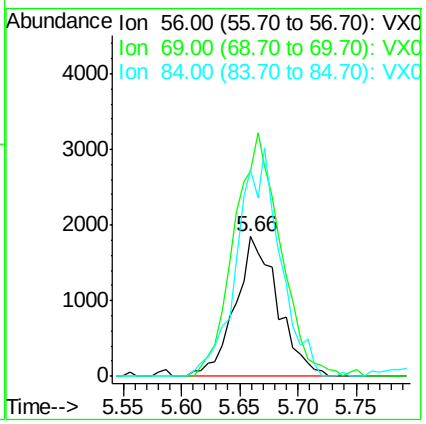


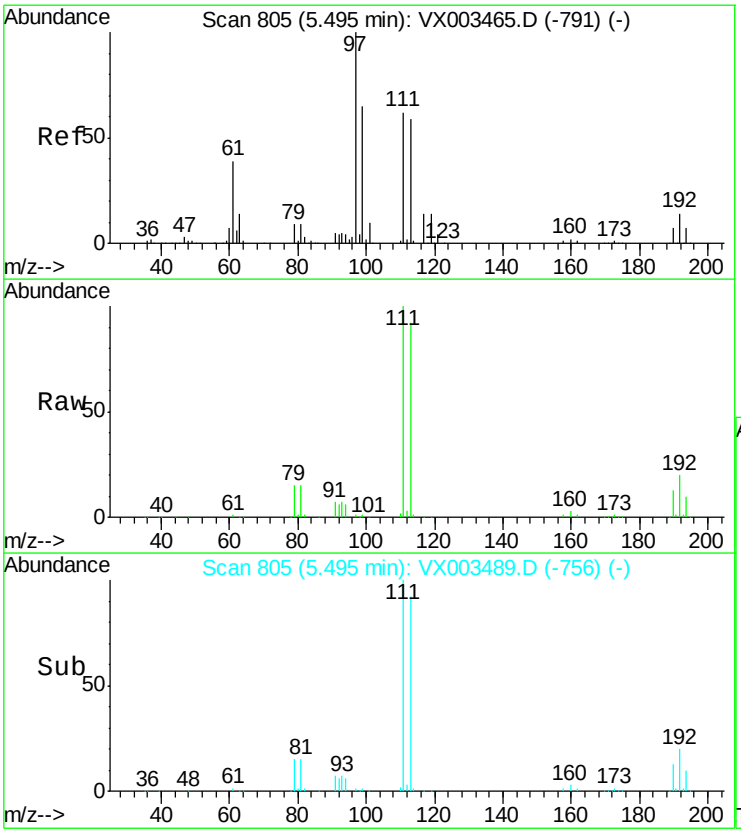
#31
Cyclohexane
Concen: 0.90 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.09 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument : MSVOA_X
ClientSampleId : GW01-071118

Tgt Ion: 56 Resp: 4702

Ion	Ratio	Lower	Upper
56	100		
69	147.6	23.7	35.5#
84	148.3	64.1	96.1#

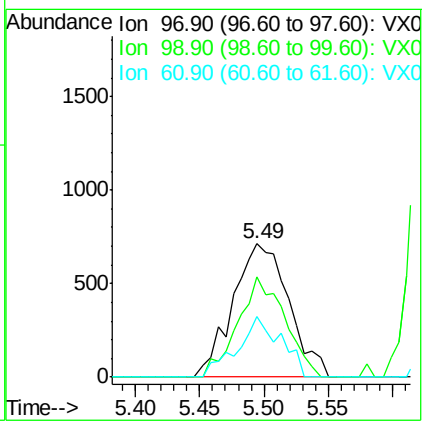


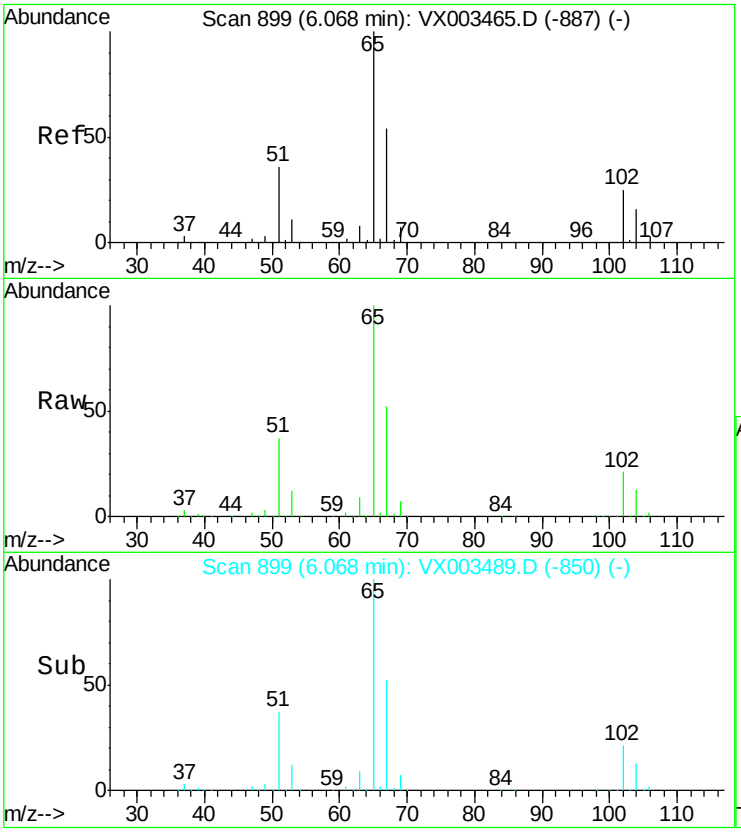


#32
1,1,1-Trichloroethane
Concen: 0.44 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 97 Resp: 2150

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	35.4	36.4	54.6#



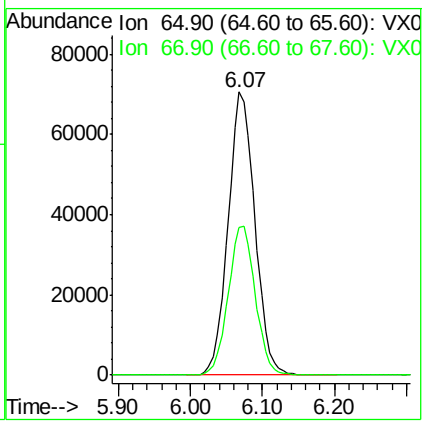


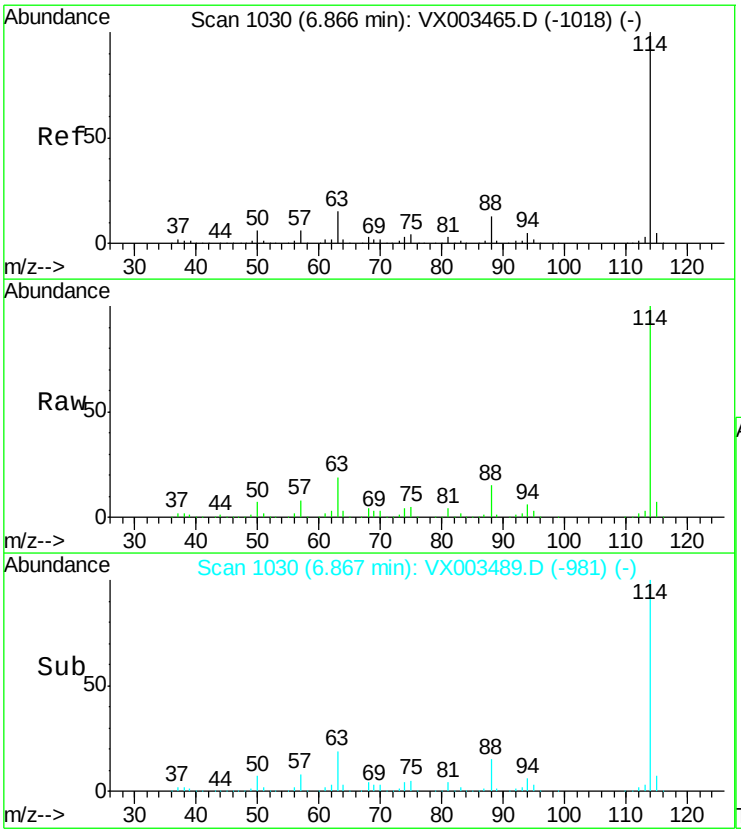
#33
1,2-Dichloroethane-d4
Concen: 52.86 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion: 65 Resp: 182400

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	102.6

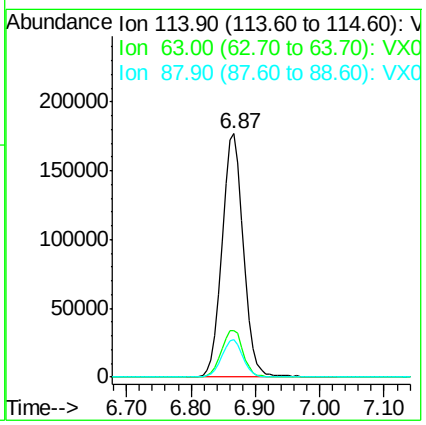


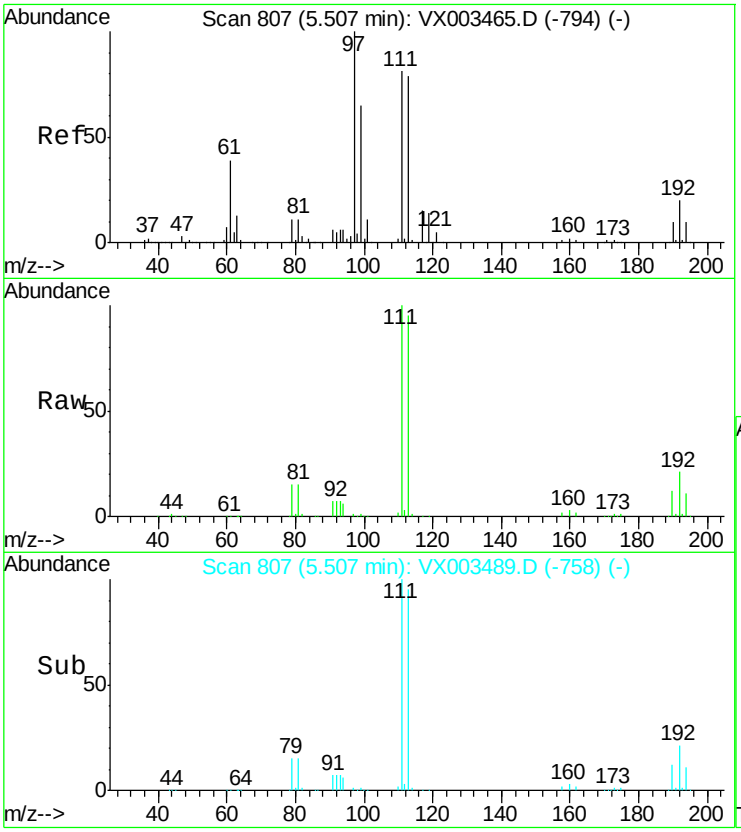


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion:114 Resp: 415781

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.4
88	15.3	0.0	30.0



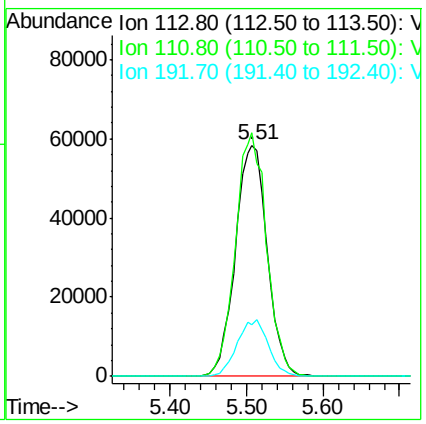


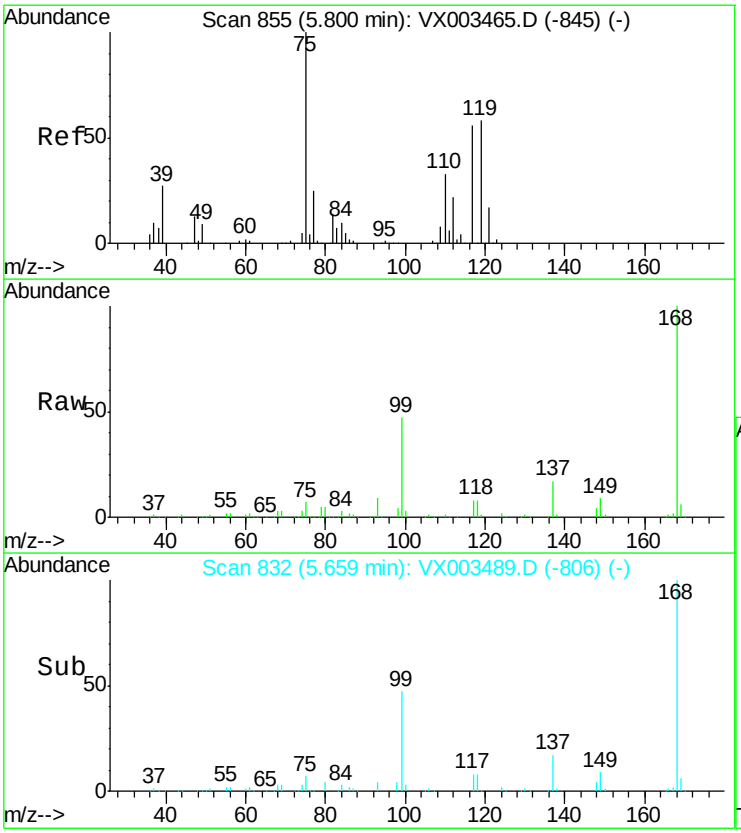
#35
Dibromofluoromethane
Concen: 53.32 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion:113 Resp: 168845

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	24.1	19.1	28.7

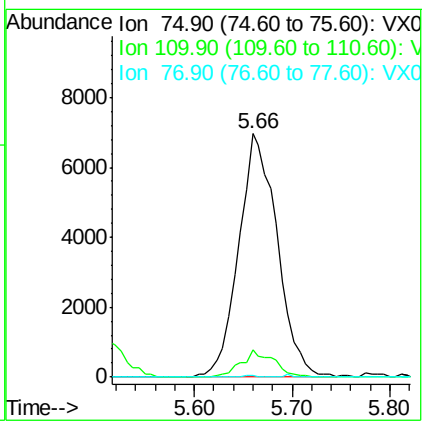


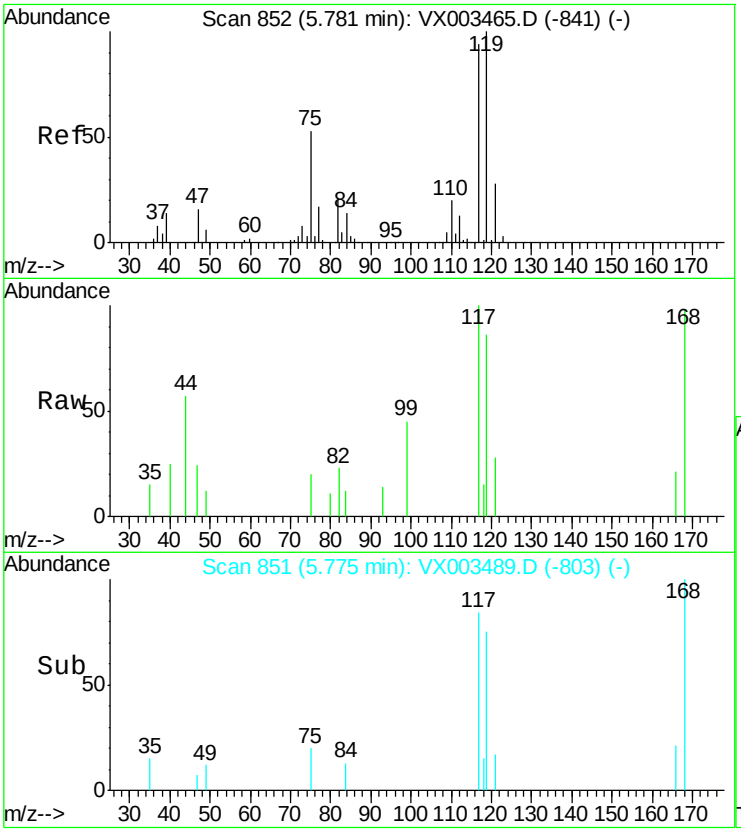


#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 75 Resp: 19073

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.2	24.3	36.5#



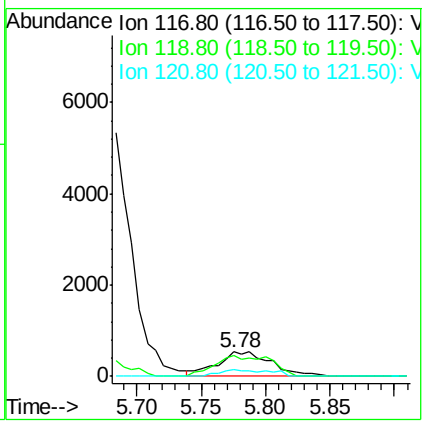


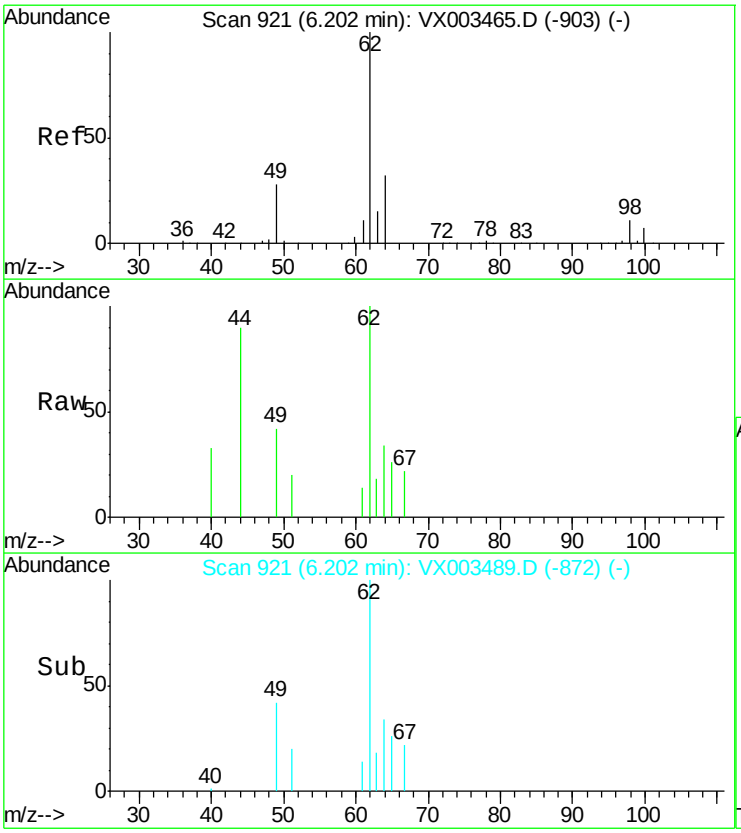
#38
Carbon Tetrachloride
Concen: 0.36 ug/l
RT: 5.78 min Scan# 851
Delta R.T. -0.01 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion:117 Resp: 1564

Ion	Ratio	Lower	Upper
117	100		
119	86.0	77.4	116.0
121	27.7	24.4	36.6

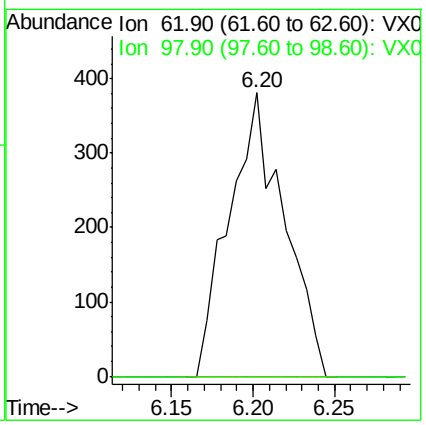


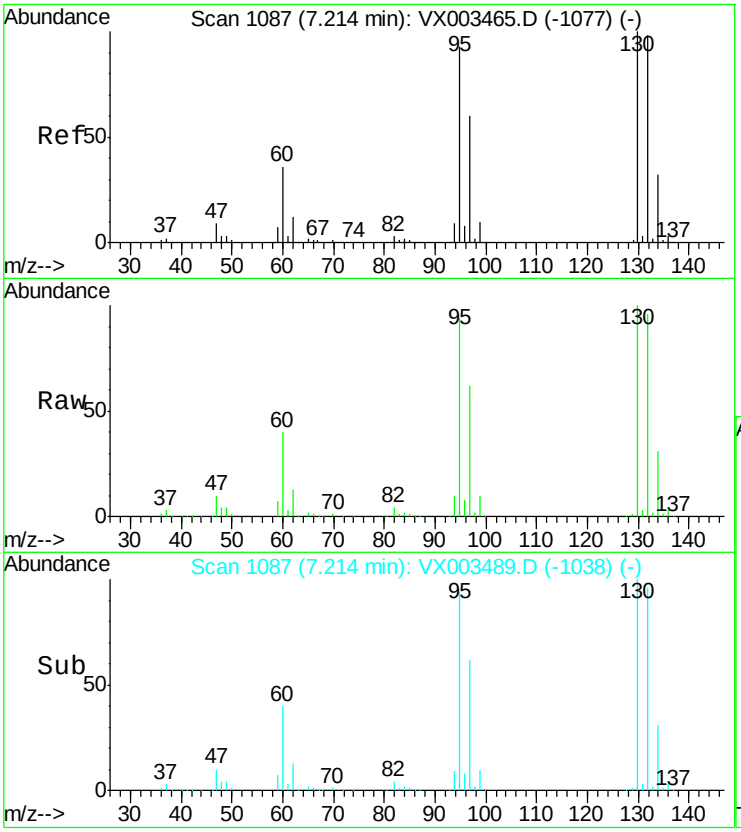


#42
1,2-Dichloroethane
Concen: 0.21 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 62 Resp: 891

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6



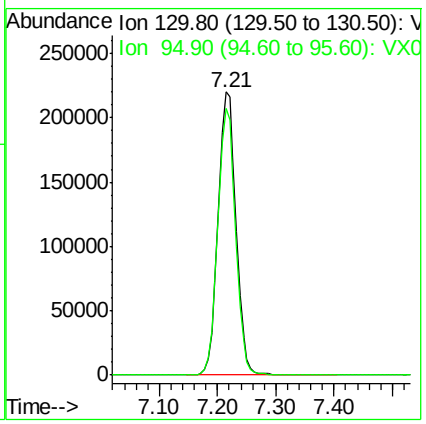


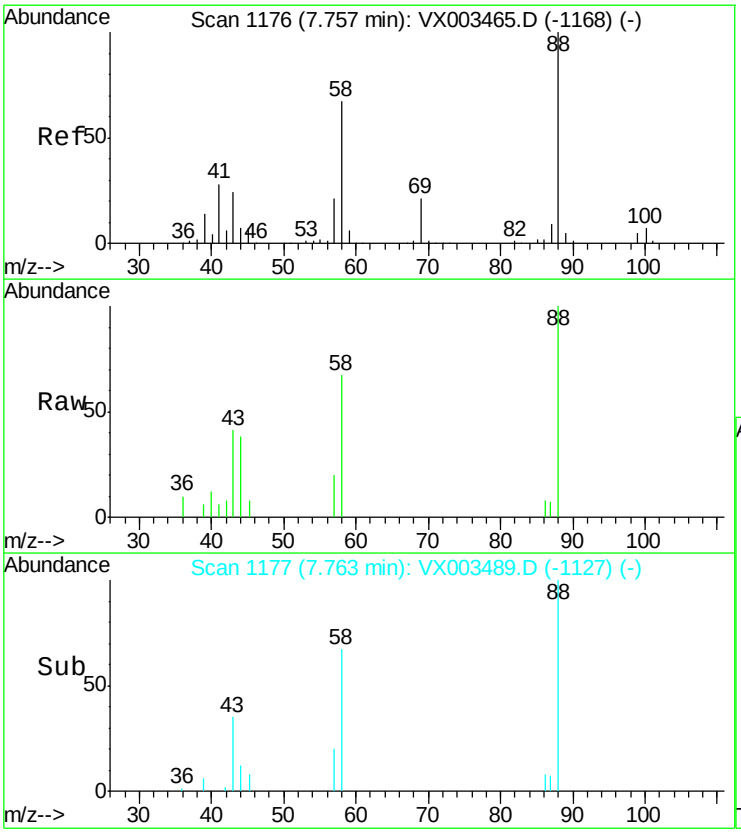
#44
Trichloroethene
Concen: 115.63 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion:130 Resp: 467390

Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	185.4

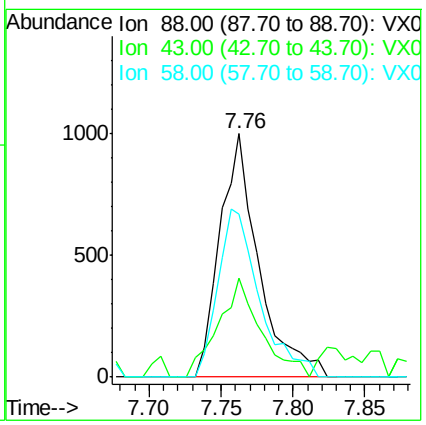


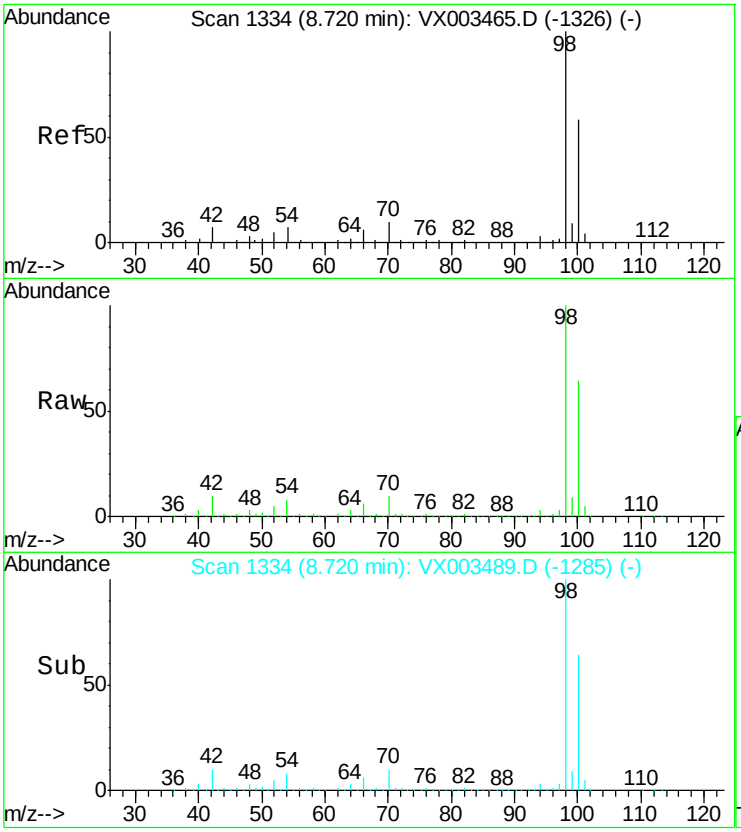


#49
1,4-Dioxane
Concen: 24.44 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 88 Resp: 1887

Ion	Ratio	Lower	Upper
88	100		
43	44.0	29.8	44.6
58	73.6	57.1	85.7



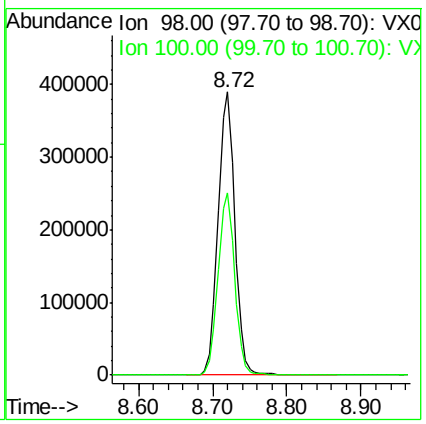


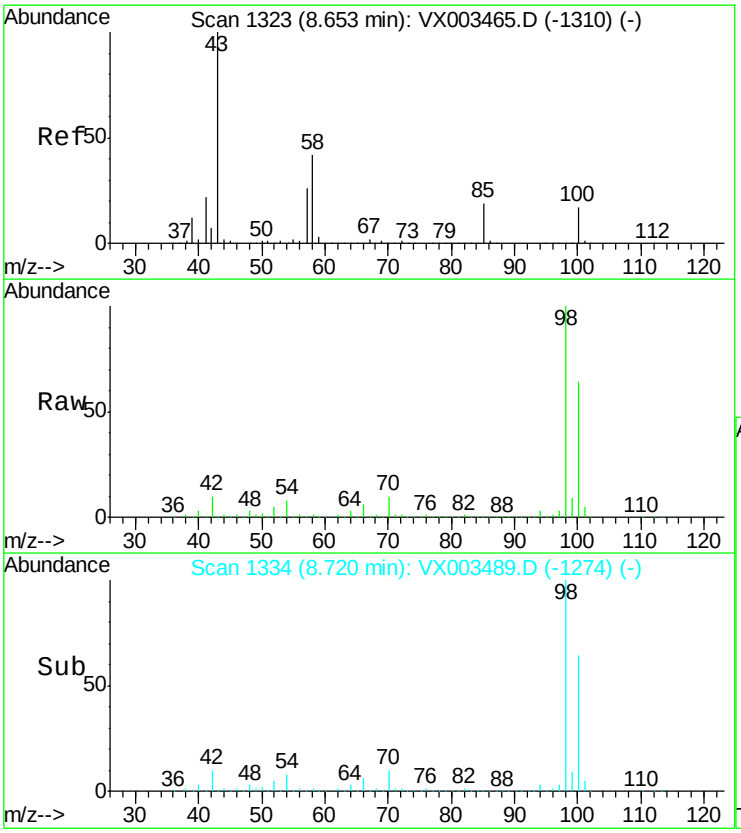
#50
Toluene-d8
Concen: 51.26 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion: 98 Resp: 610215

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3

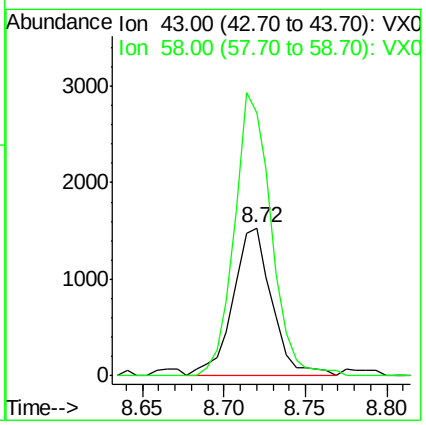


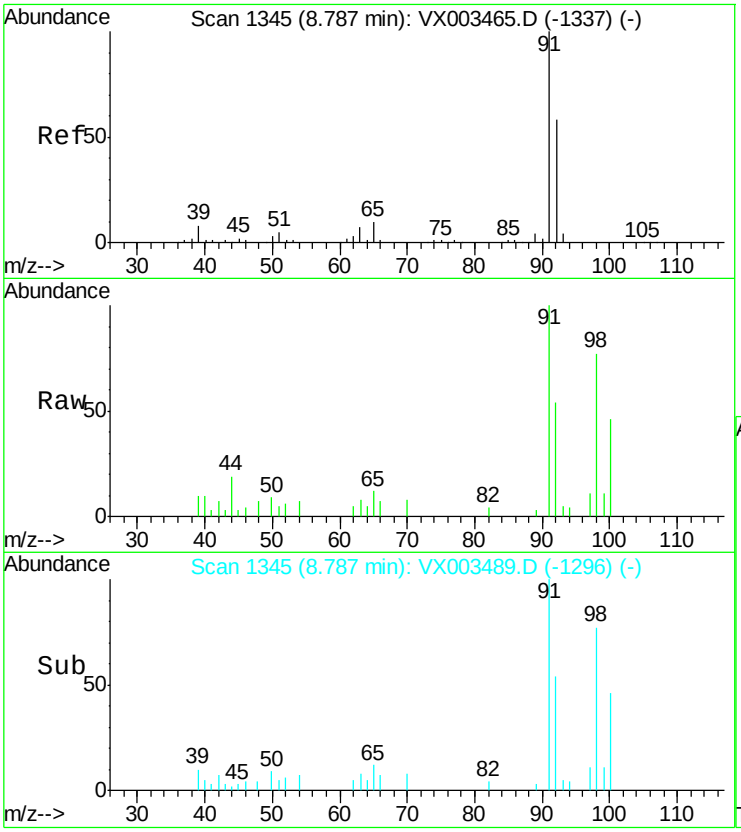


#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.07 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 43 Resp: 2556

Ion	Ratio	Lower	Upper
43	100		
58	179.8	28.6	42.8#



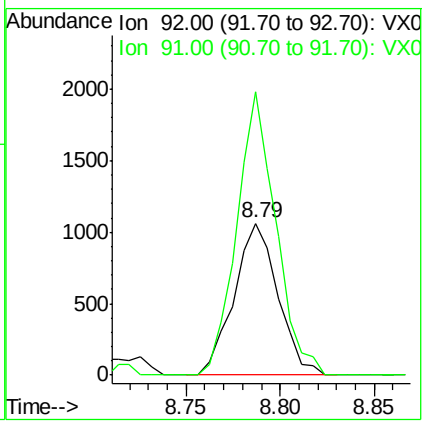


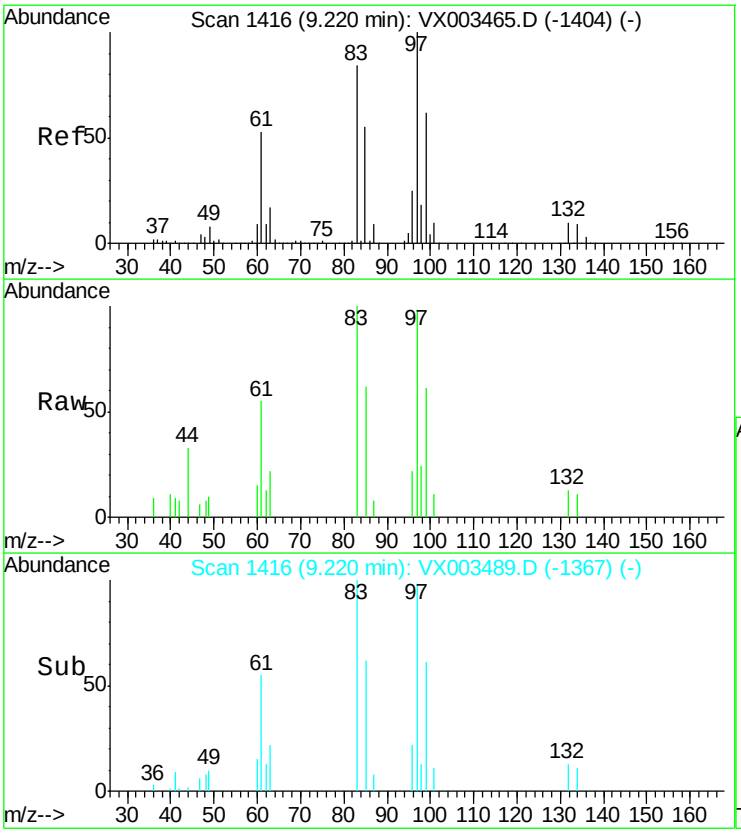
#52
Toluene
Concen: 0.20 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion: 92 Resp: 1709

Ion	Ratio	Lower	Upper
92	100		
91	166.5	140.4	210.6

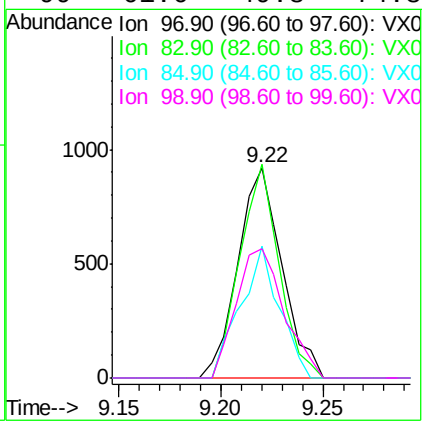


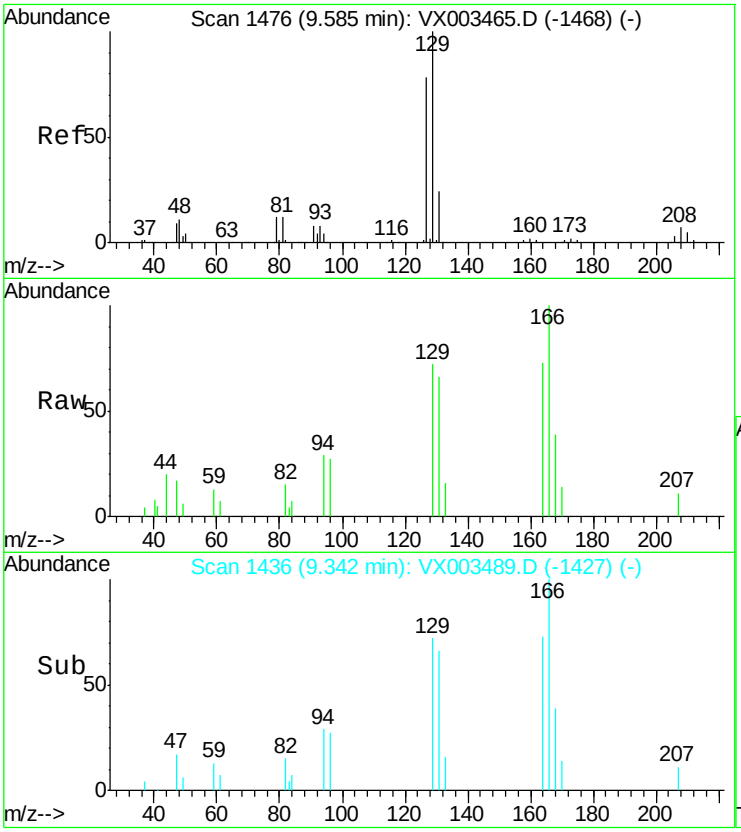


#55
1,1,2-Trichloroethane
Concen: 0.41 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 97 Resp: 1378

Ion	Ratio	Lower	Upper
97	100		
83	101.6	70.2	105.2
85	62.6	44.9	67.3
99	61.6	49.8	74.8



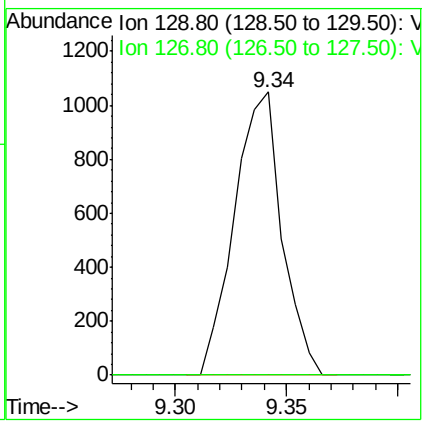


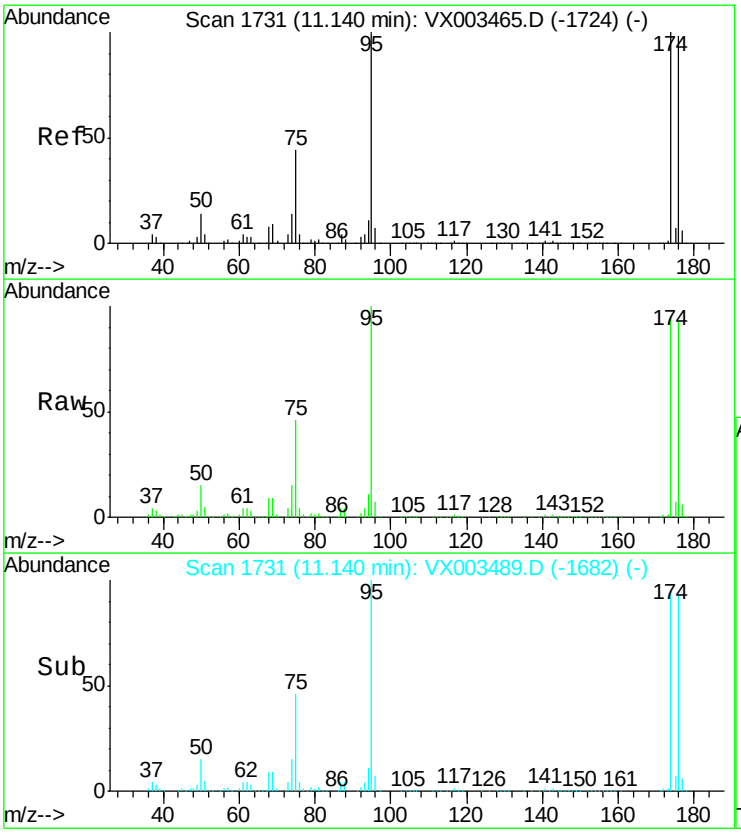
#60
Dibromochloromethane
Concen: 0.46 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.24 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion:129 Resp: 1559

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#

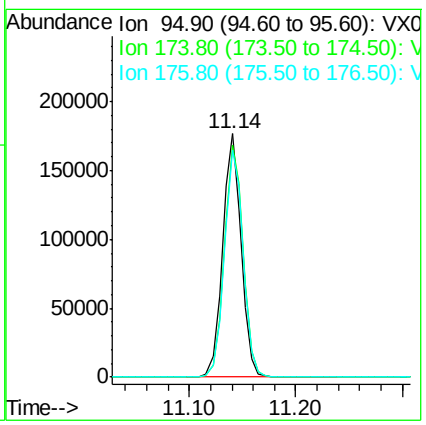


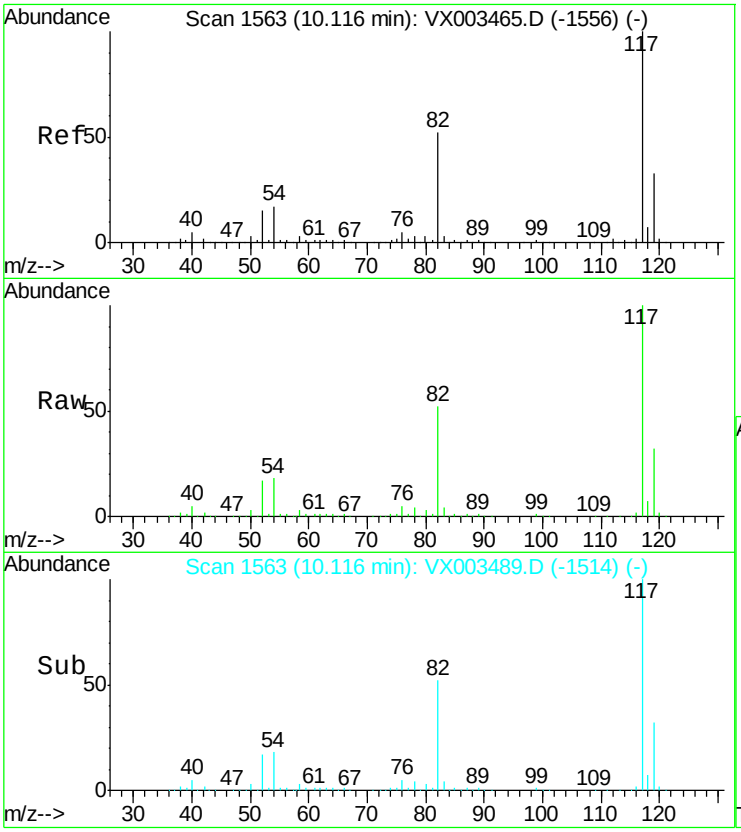


#62
4-Bromofluorobenzene
Concen: 49.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 95 Resp: 213293

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	187.4
176	95.4	0.0	181.0



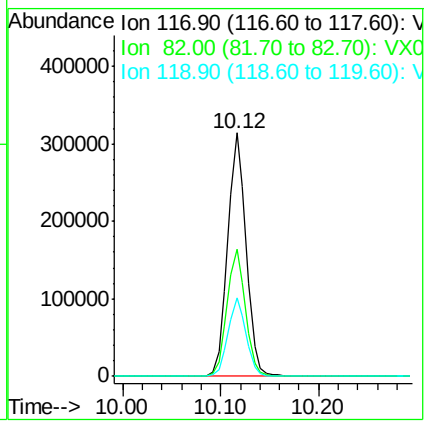


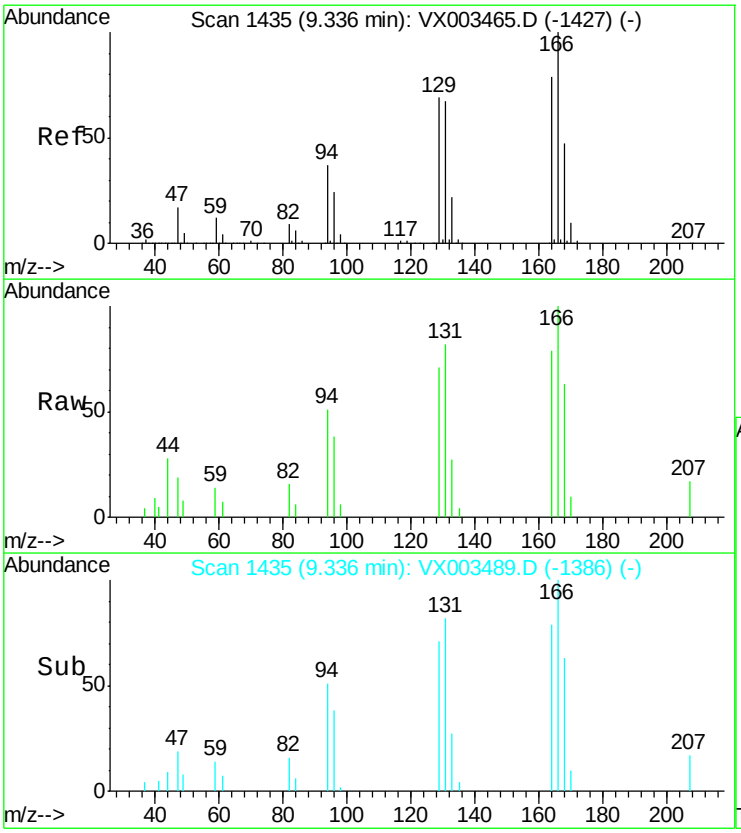
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument : MSVOA_X
ClientSampleId : GW01-071118

Tgt Ion:117 Resp: 409644

Ion	Ratio	Lower	Upper
117	100		
82	52.0	45.0	67.4
119	32.1	25.8	38.6

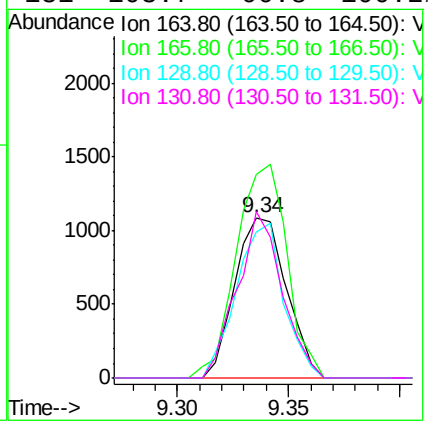


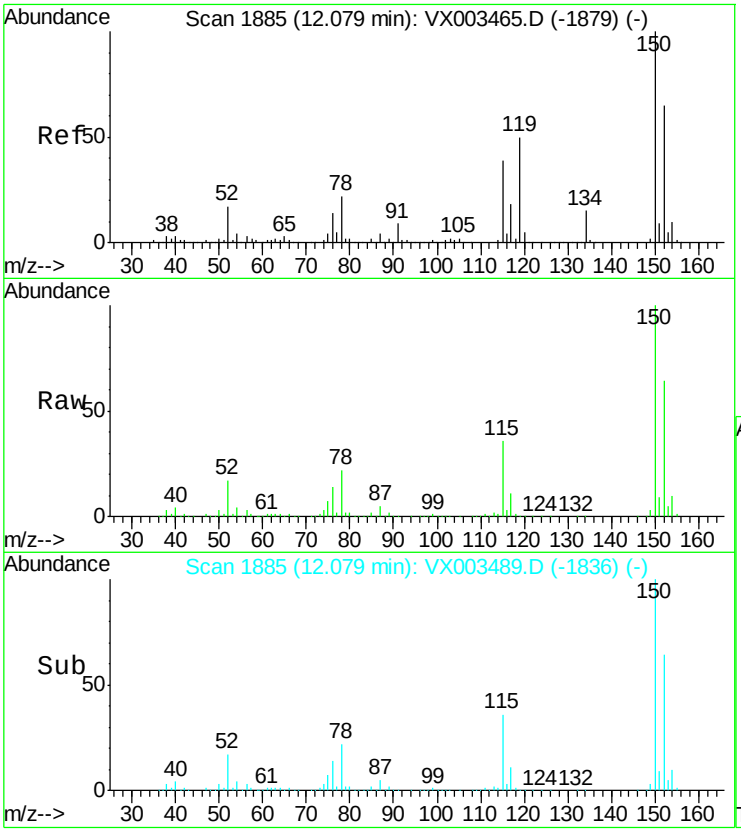


#64
Tetrachloroethene
Concen: 0.35 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion:164 Resp: 1747

Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.9	154.3
129	90.5	68.6	102.8
131	103.7	66.8	100.2#



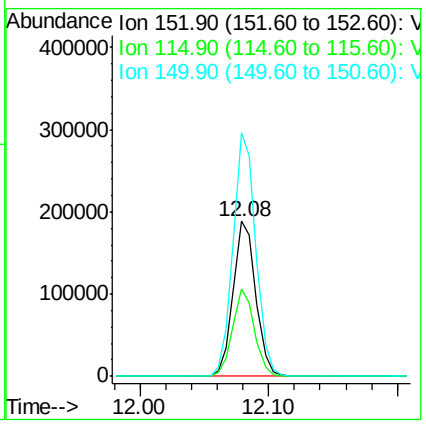


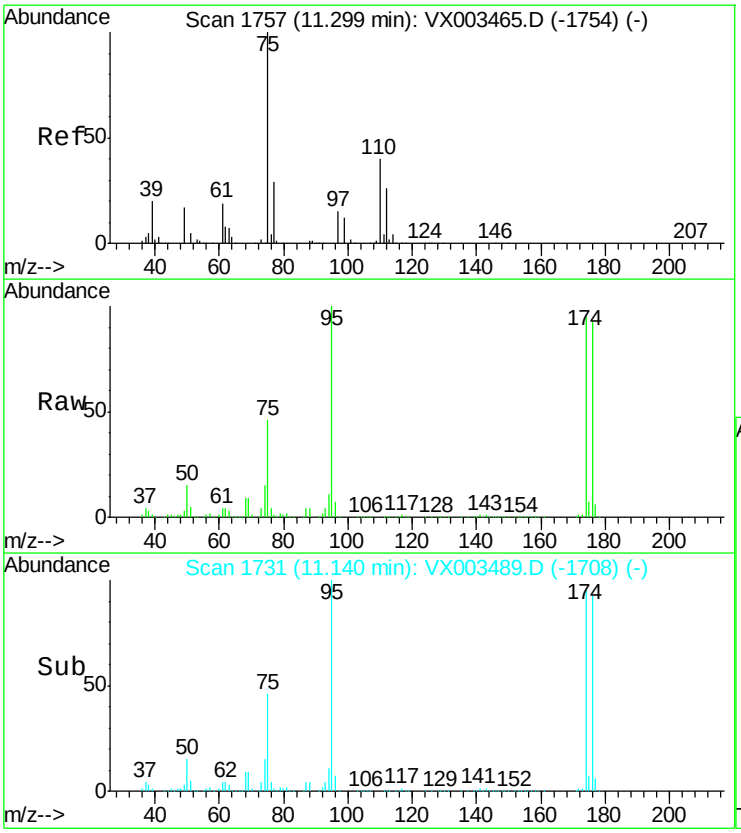
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument : MSVOA_X
ClientSampleId : GW01-071118

Tgt Ion:152 Resp: 231842

Ion	Ratio	Lower	Upper
152	100		
115	54.6	40.1	120.2
150	157.1	0.0	347.2

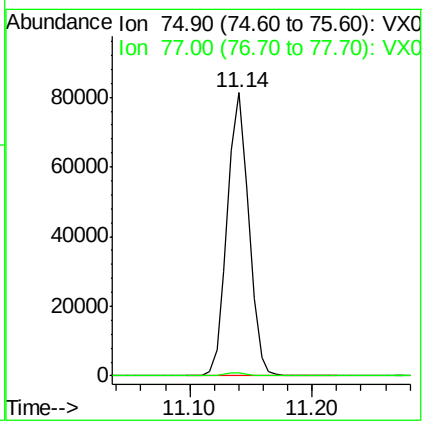


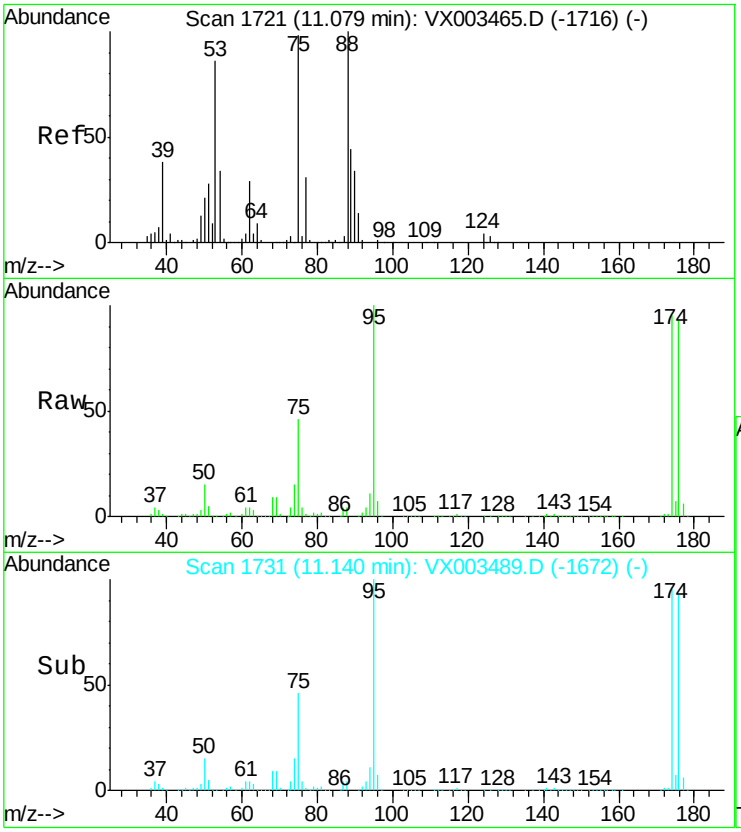


#76
1,2,3-Trichloropropane
Concen: 23.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Tgt Ion: 75 Resp: 98525

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.37 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003489.D
Acq: 20 Jul 2018 03:12

Instrument :
MSVOA_X
ClientSampleId :
GW01-071118

Tgt Ion: 75 Resp: 98525

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#