Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
Data File : VX003561.D
Acq On : 21 Jul 2018 18:00
Operator : JC/SP
Sample : J4014-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE104D2-071318RE

Quant Time: Jul 23 01:39:47 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	258487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	396822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164568	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.56%			
35) Dibromofluoromethane	5.51	113	146591	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.00%			
50) Toluene-d8	8.72	98	553452	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.44%			
62) 4-Bromofluorobenzene	11.14	95	187291	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	22	Below Cal	#	43
3) Chloromethane	1.32	50	1525	Below Cal		91
5) Bromomethane	1.61	94	94	Below Cal	#	3
10) Methyl Iodide	2.53	142	931	0.27	ug/l #	92
12) 1,1-Dichloroethene	2.37	96	1170	0.44	ug/l #	88
13) Acrolein	2.30	56	78	0.29	ug/l #	73
16) Acetone	2.45	43	6162	5.33	ug/l #	87
18) Methyl Acetate	2.78	43	752	0.21	ug/l #	91
20) Methylene Chloride	2.86	84	830	Below Cal		88
21) trans-1,2-Dichloroethene	3.17	96	927	0.32	ug/l #	75
24) 1,1-Dichloroethane	3.70	63	2132	0.41	ug/l #	95
25) 2-Butanone	4.73	43	544	0.28	ug/l #	52
27) cis-1,2-Dichloroethene	4.60	96	77201	23.60	ug/l	92
28) Bromochloromethane	5.22	49	1259	0.56	ug/l #	13
30) Chloroform	5.21	83	16940	3.36	ug/l	98
31) Cyclohexane	5.67	56	4408	0.96	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16836	3.93	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22741	5.41	ug/l #	16
42) 1,2-Dichloroethane	6.20	62	4440	1.09	ug/l	94
44) Trichloroethene	7.21	130	211720	54.88	ug/l	100
49) 1,4-Dioxane	7.76	88	215	2.92	ug/l #	65
55) 1,1,2-Trichloroethane	9.22	97	649	0.20	ug/l	88
76) 1,2,3-Trichloropropane	11.14	75	90221	25.47	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	90221	71.28	ug/l #	7

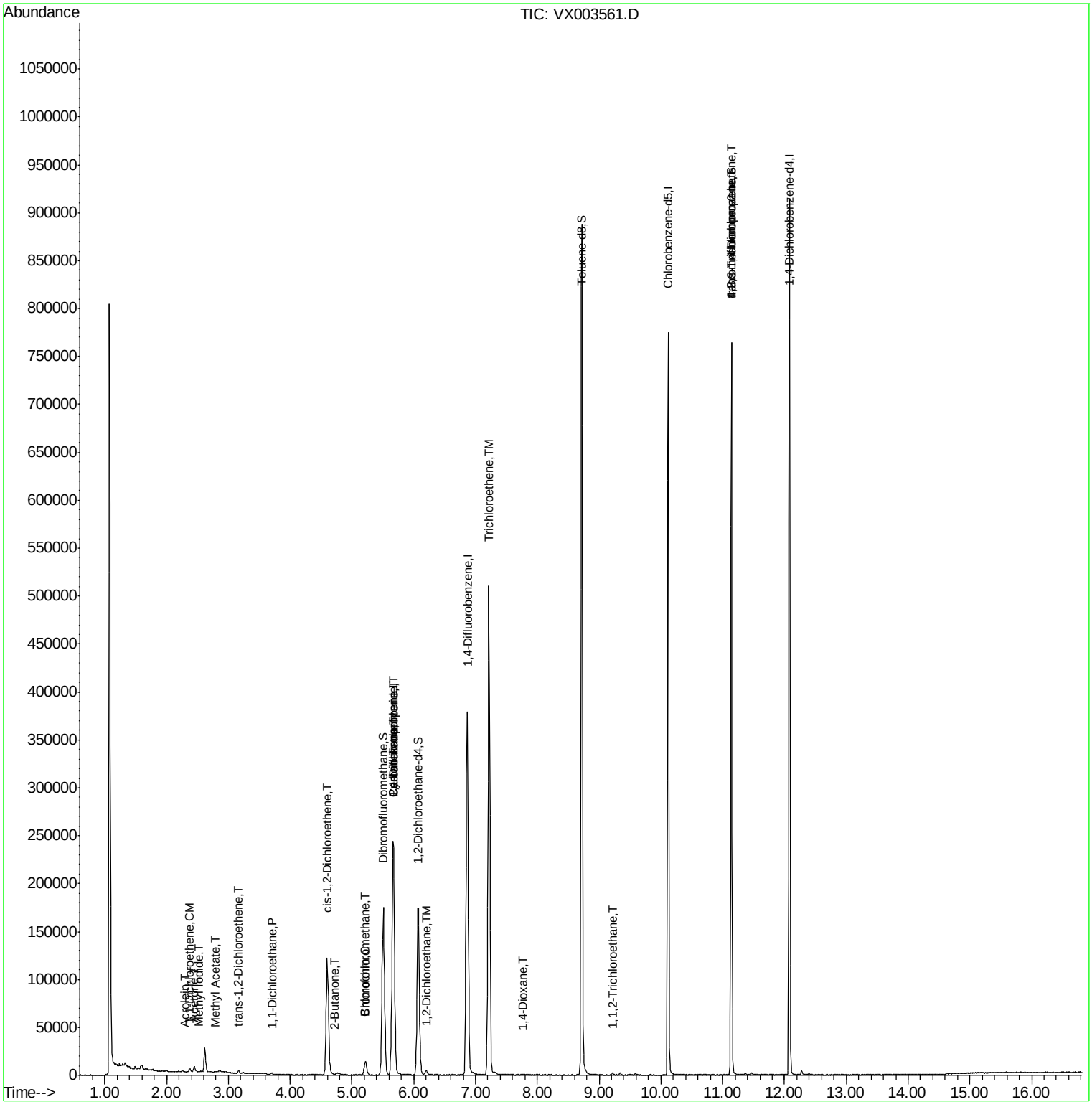
(#) = qualifier out of range (m) = manual integration (+) = signals summed

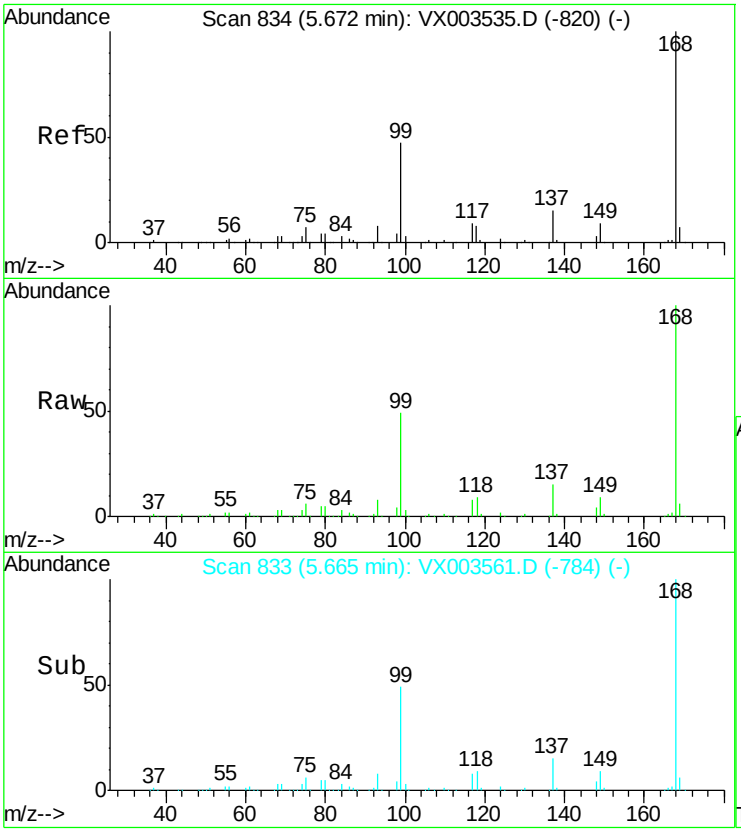
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
Data File : VX003561.D
Acq On : 21 Jul 2018 18:00
Operator : JC/SP
Sample : J4014-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Quant Time: Jul 23 01:39:47 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



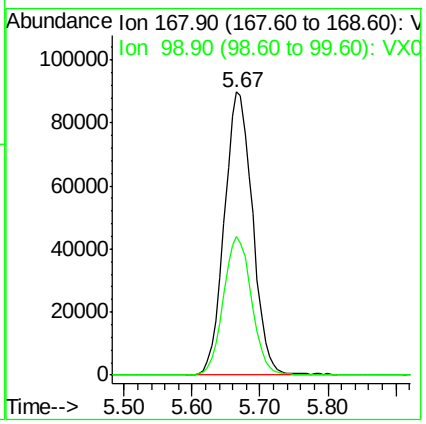


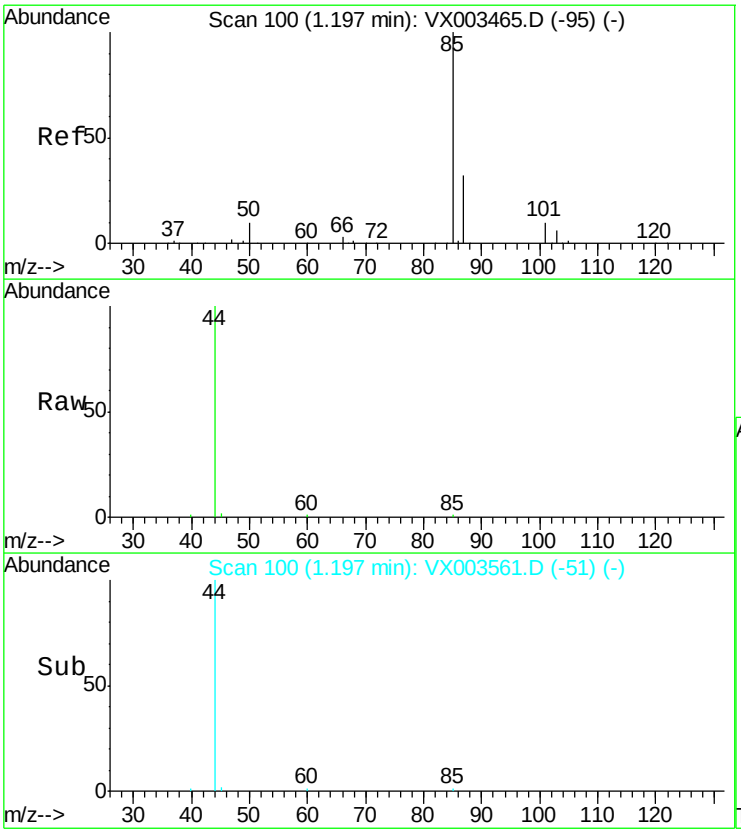
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion:168 Resp: 258487

Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.3	58.9

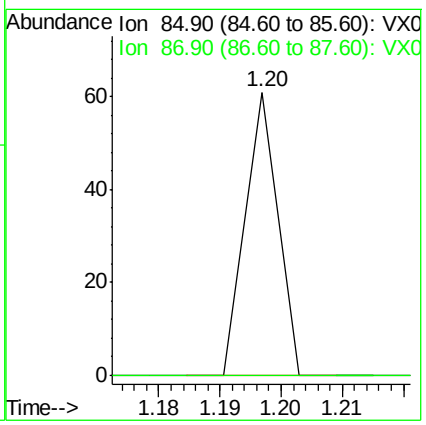


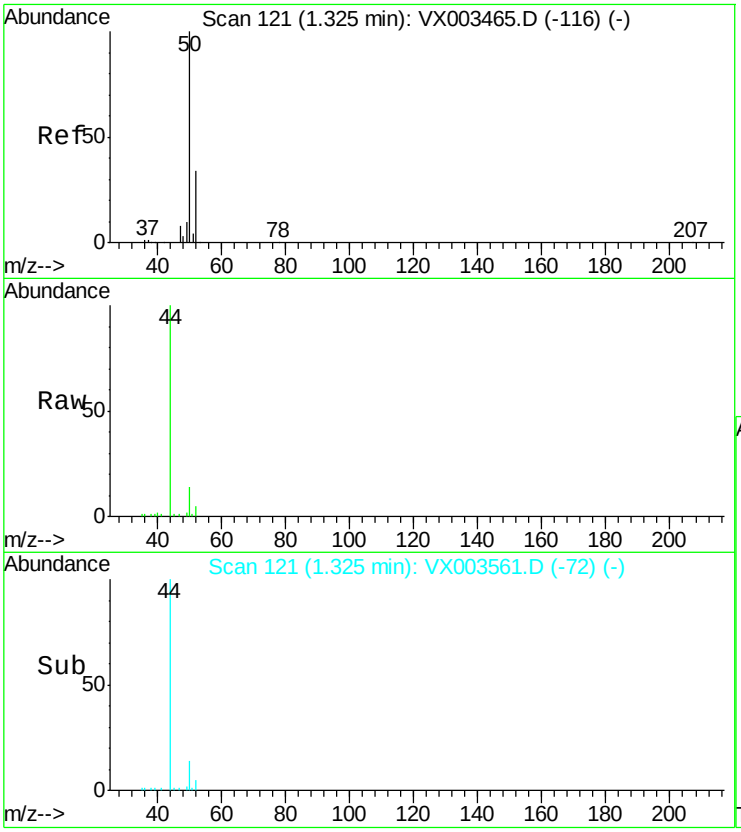


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 85 Resp: 22

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



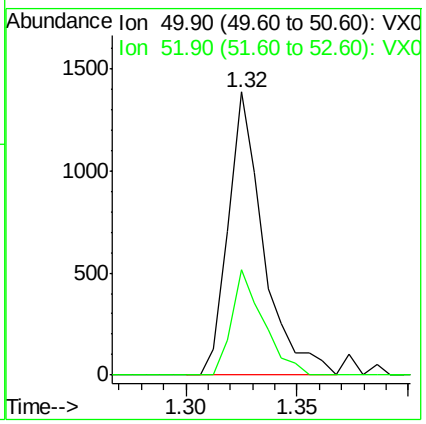


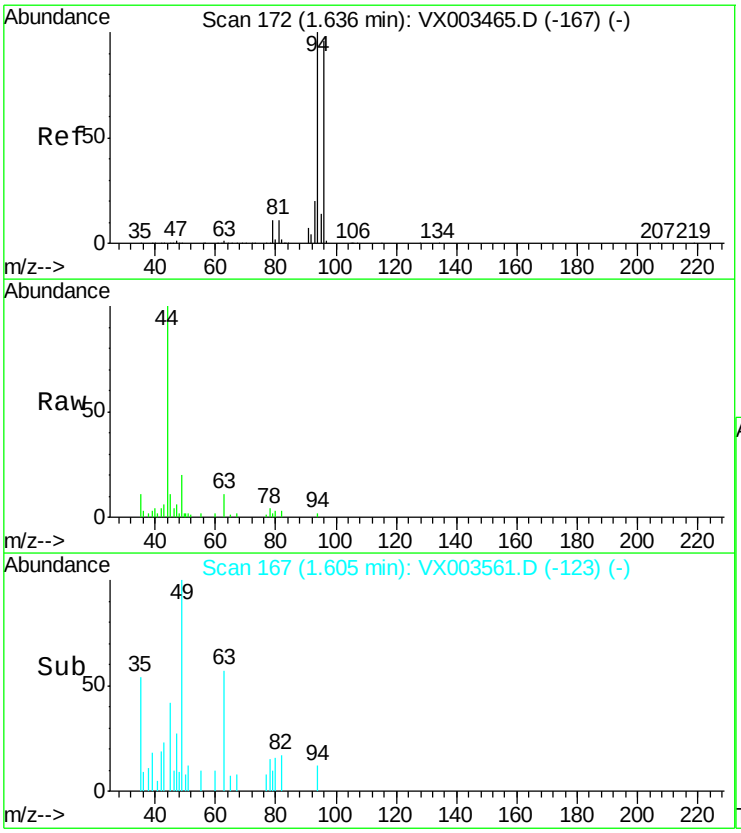
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion: 50 Resp: 1525

Ion	Ratio	Lower	Upper
50	100		
52	37.2	25.7	38.5

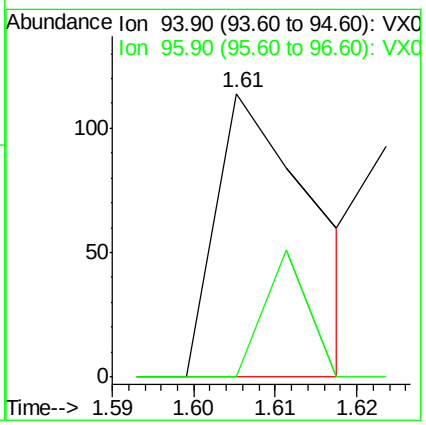


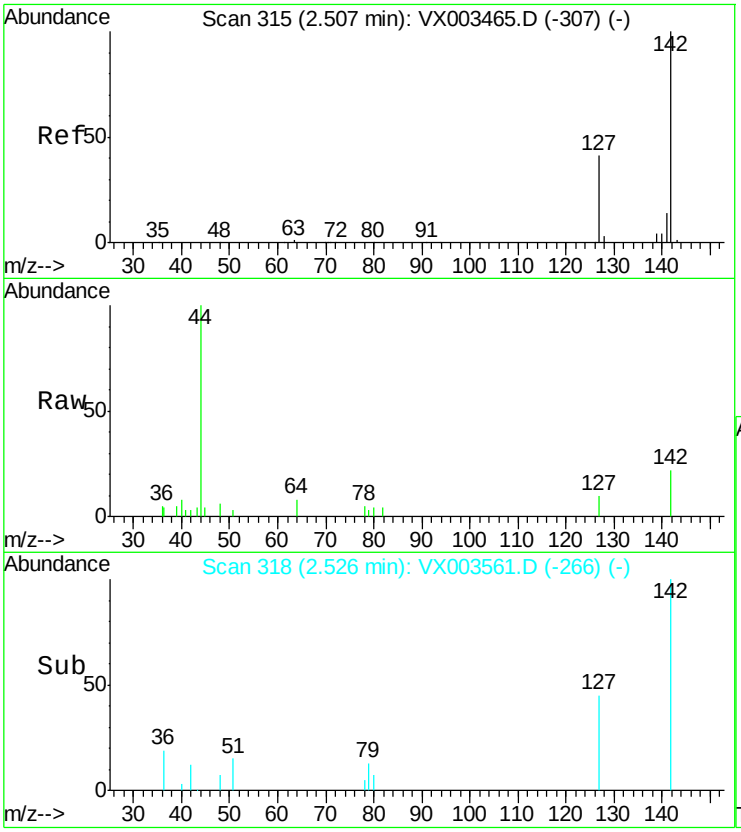


#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 167
Delta R.T. -0.03 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 94 Resp: 94

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.9	112.3#



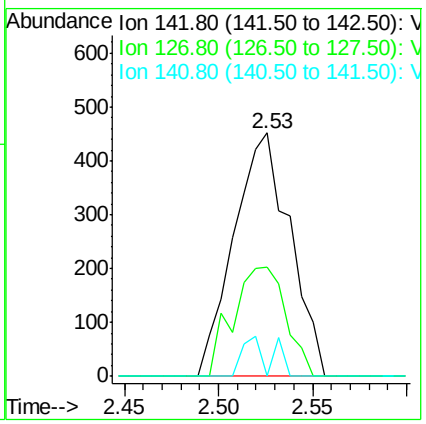


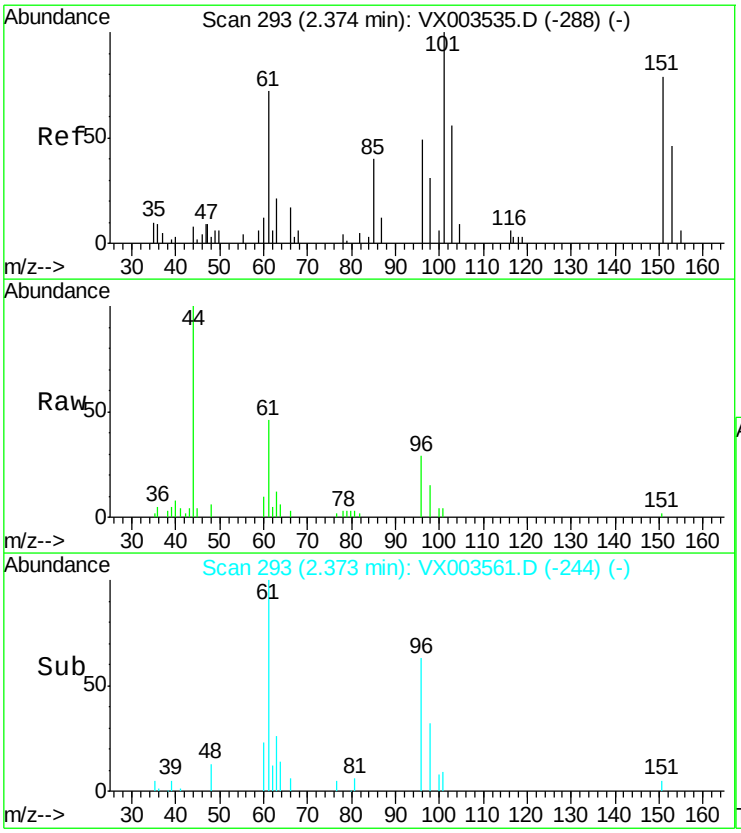
#10
Methyl Iodide
Concen: 0.27 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument : MSVOA_X
ClientSampleId : RE104D2-071318RE

Tgt Ion:142 Resp: 931

Ion	Ratio	Lower	Upper
142	100		
127	42.2	36.6	55.0
141	8.1	11.3	16.9#

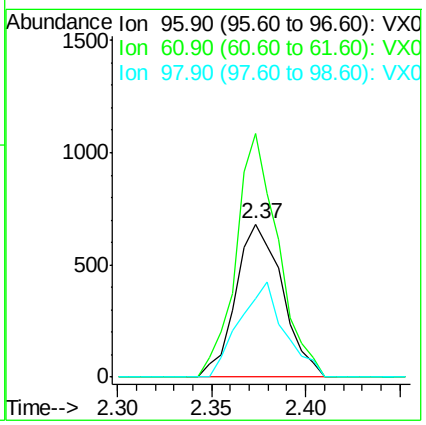


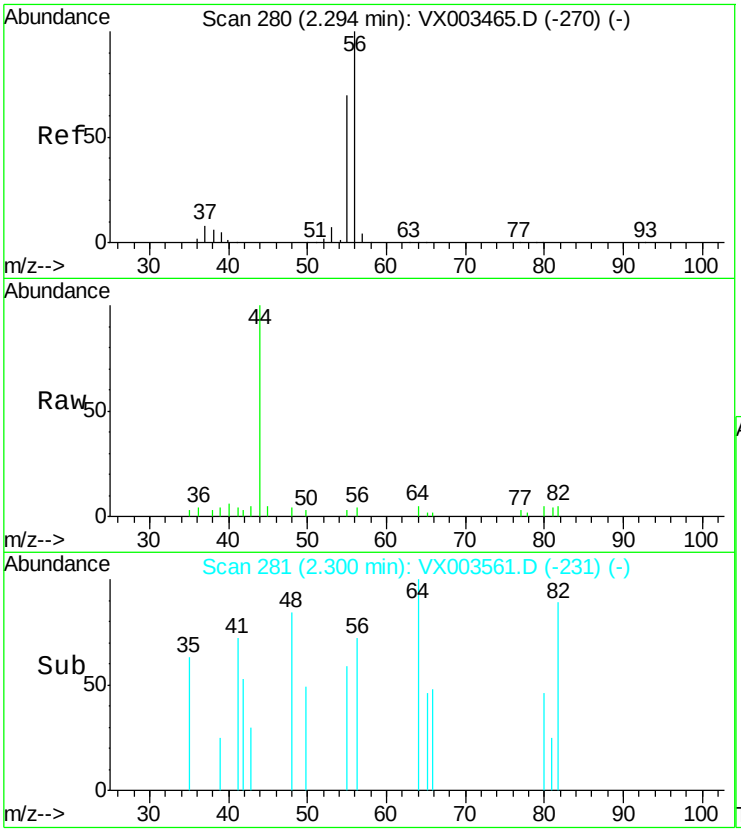


#12
1,1-Dichloroethene
Concen: 0.44 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 96 Resp: 1170

Ion	Ratio	Lower	Upper
96	100		
61	159.3	137.9	206.9
98	51.1	51.6	77.4#



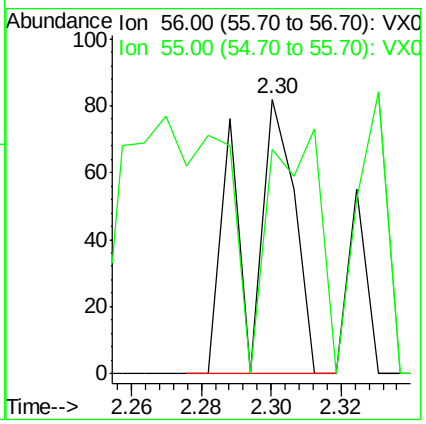


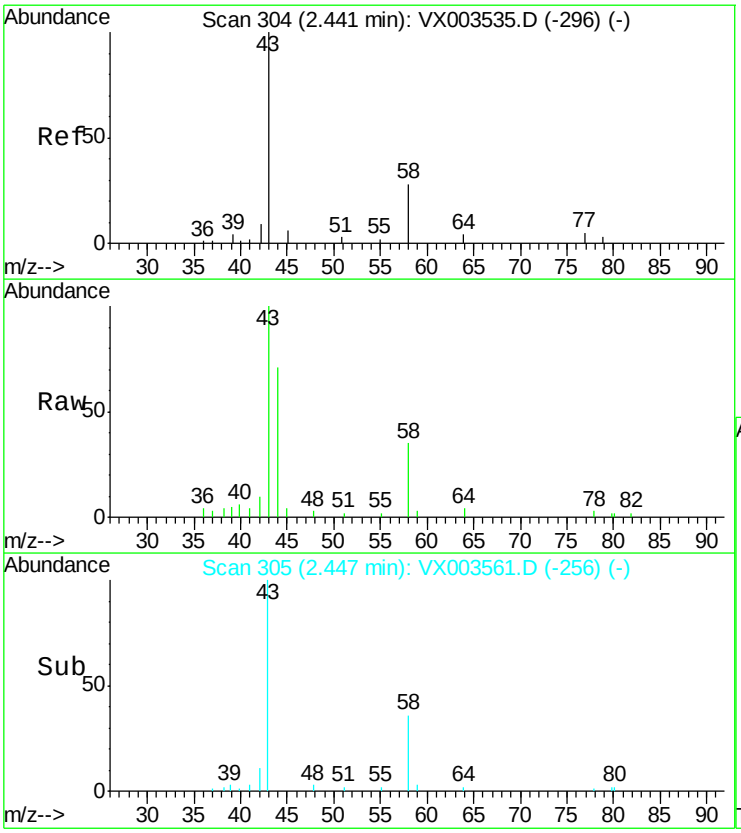
#13
Acrolein
Concen: 0.29 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion: 56 Resp: 78

Ion	Ratio	Lower	Upper
56	100		
55	93.6	57.0	85.4#

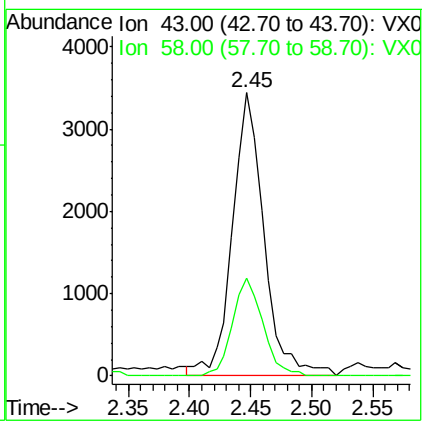


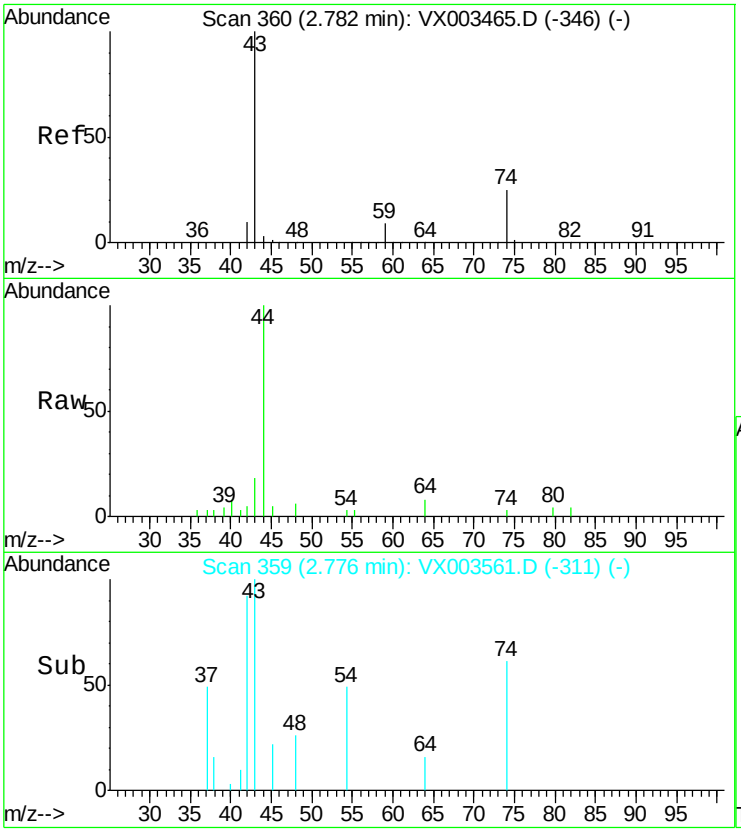


#16
Acetone
Concen: 5.33 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 43 Resp: 6162

Ion	Ratio	Lower	Upper
43	100		
58	34.6	22.1	33.1#



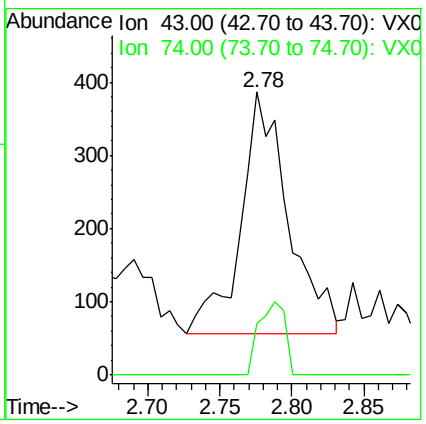


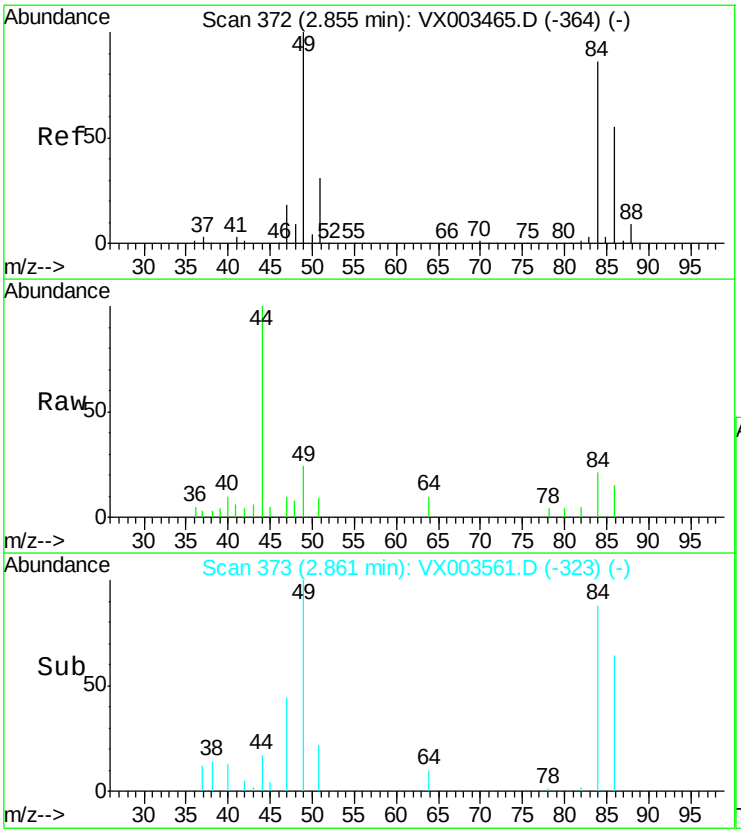
#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument : MSVOA_X
ClientSampleId : RE104D2-071318RE

Tgt Ion: 43 Resp: 752

Ion	Ratio	Lower	Upper
43	100		
74	16.5	16.7	25.1#

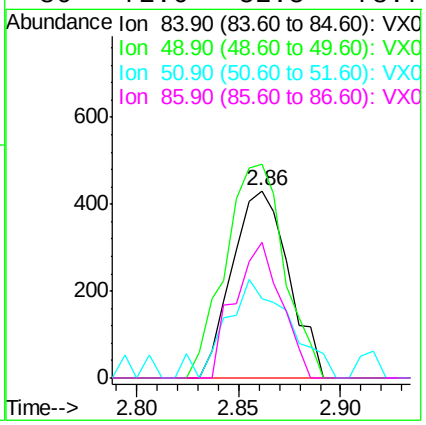


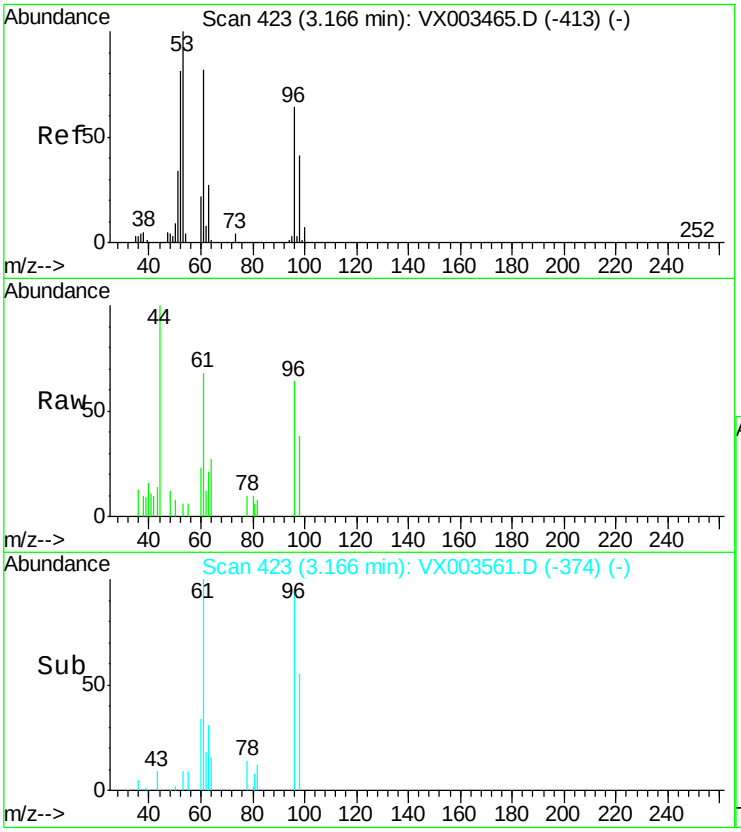


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 84 Resp: 830

Ion	Ratio	Lower	Upper
84	100		
49	114.2	107.8	161.6
51	42.5	32.8	49.2
86	72.6	52.5	78.7



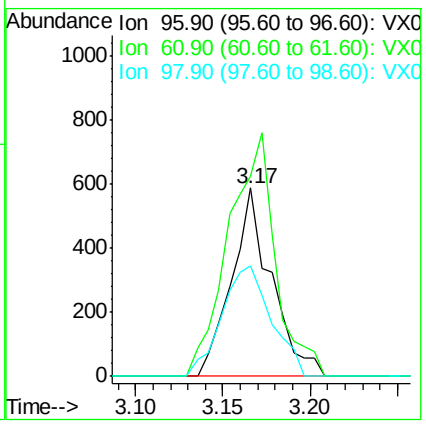


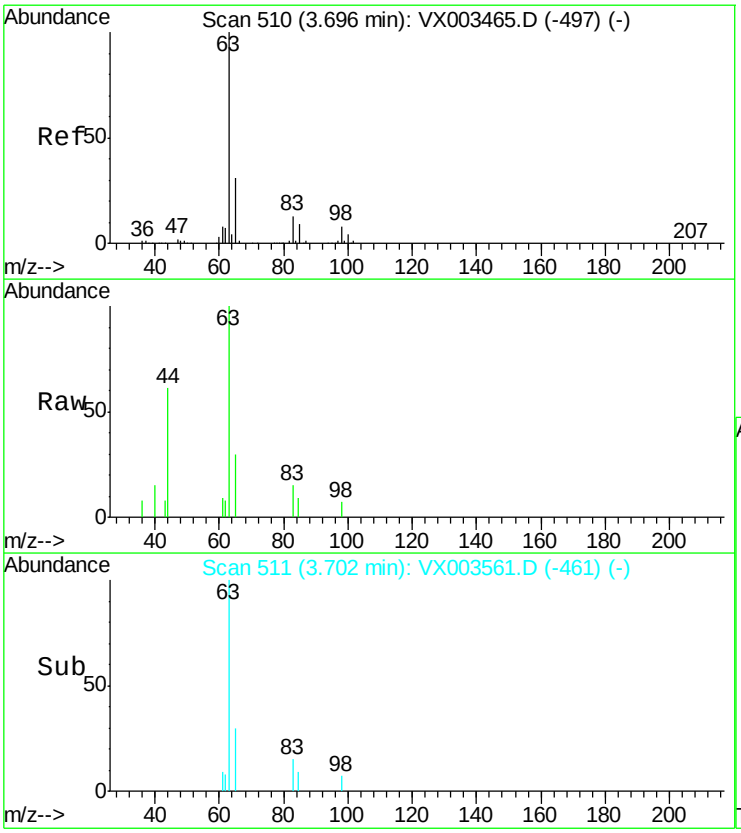
#21
trans-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion: 96 Resp: 927

Ion	Ratio	Lower	Upper
96	100		
61	106.5	117.0	175.4#
98	58.4	52.4	78.6

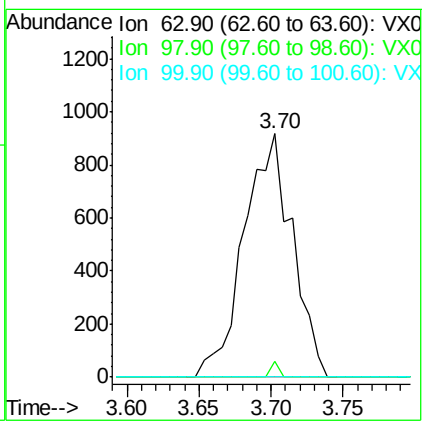


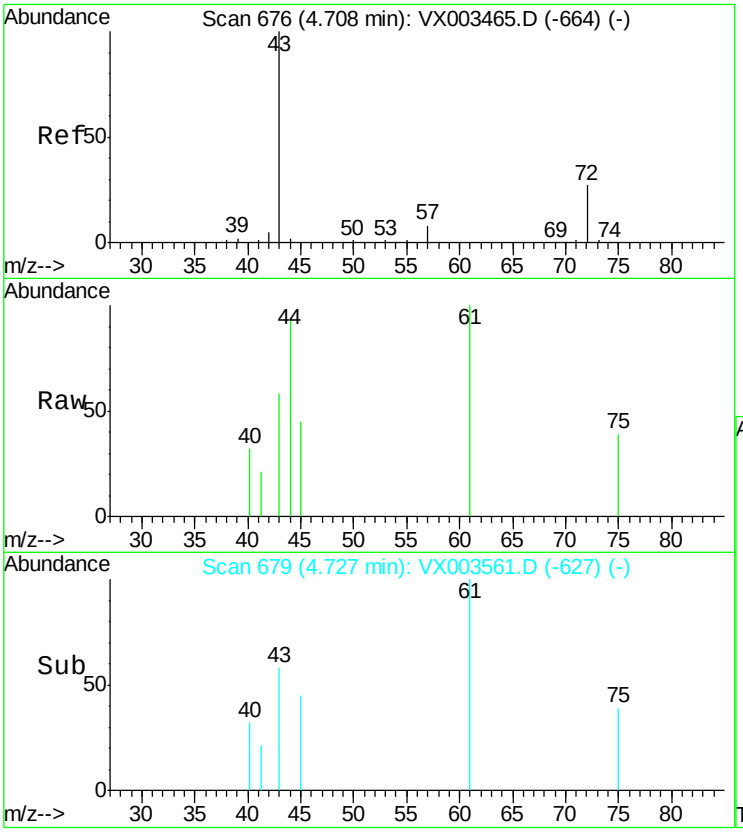


#24
1,1-Dichloroethane
Concen: 0.41 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 63 Resp: 2132

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.2
100	0.0	2.0	6.0#



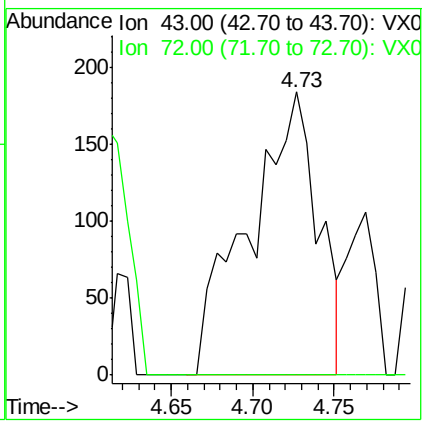


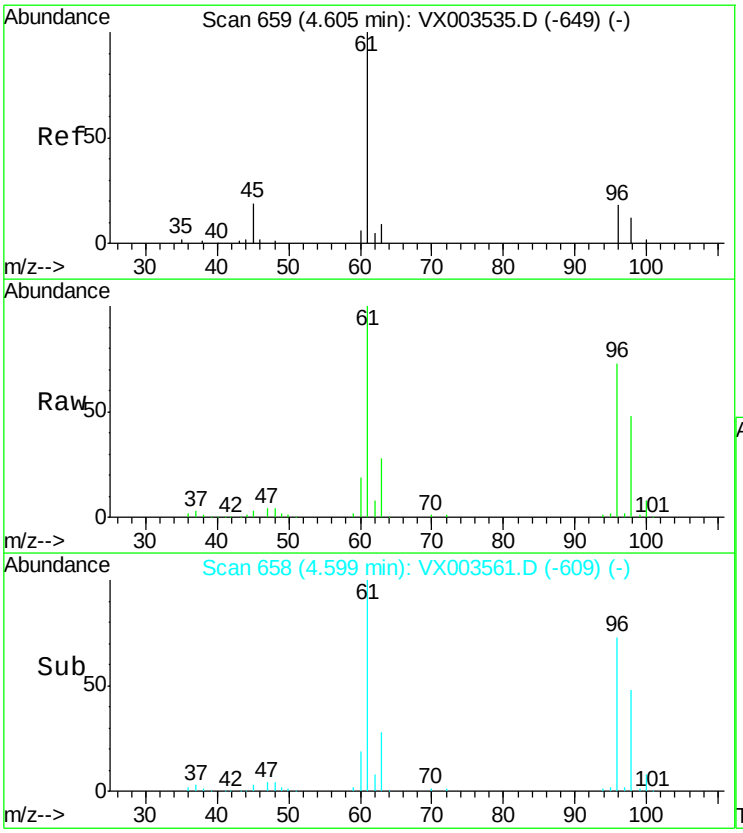
#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.02 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument : MSVOA_X
ClientSampleId : RE104D2-071318RE

Tgt Ion: 43 Resp: 544

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#

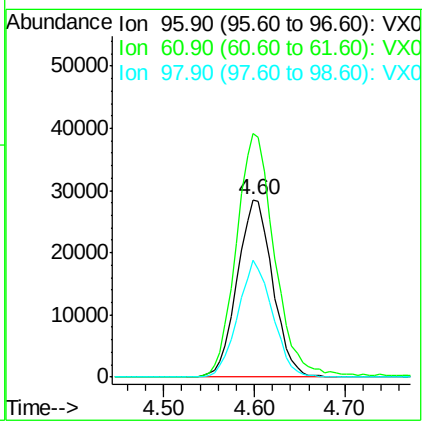


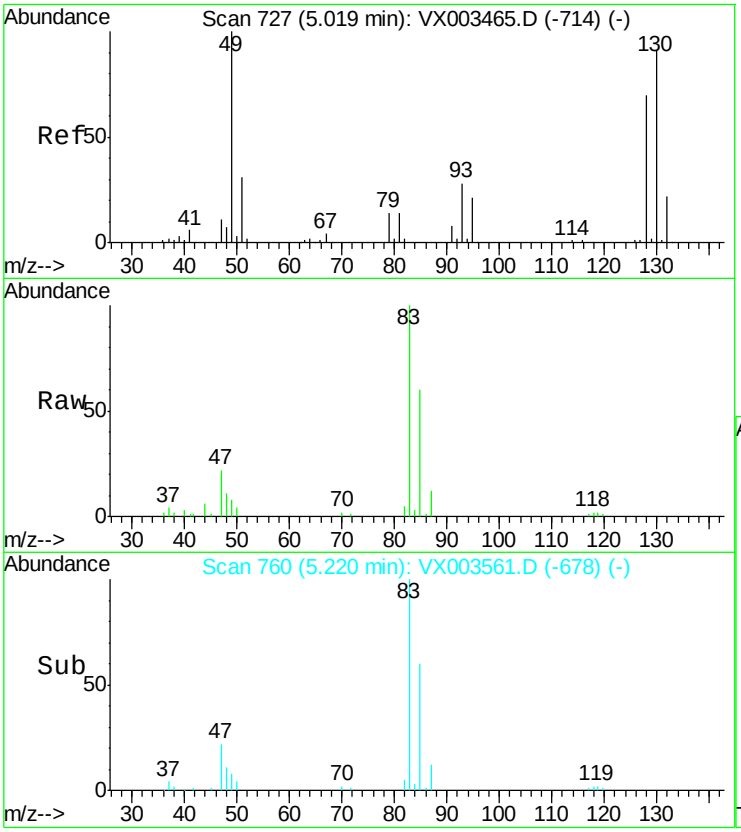


#27
cis-1,2-Dichloroethene
Concen: 23.60 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 96 Resp: 77201

Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	330.2
98	64.3	0.0	130.2



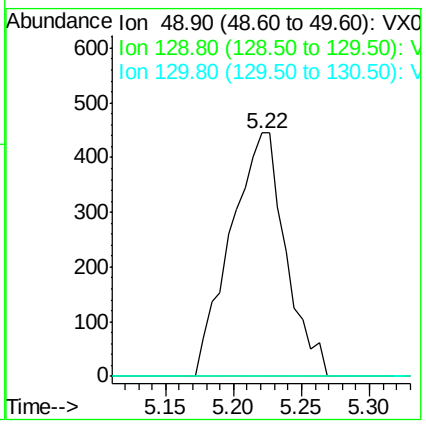


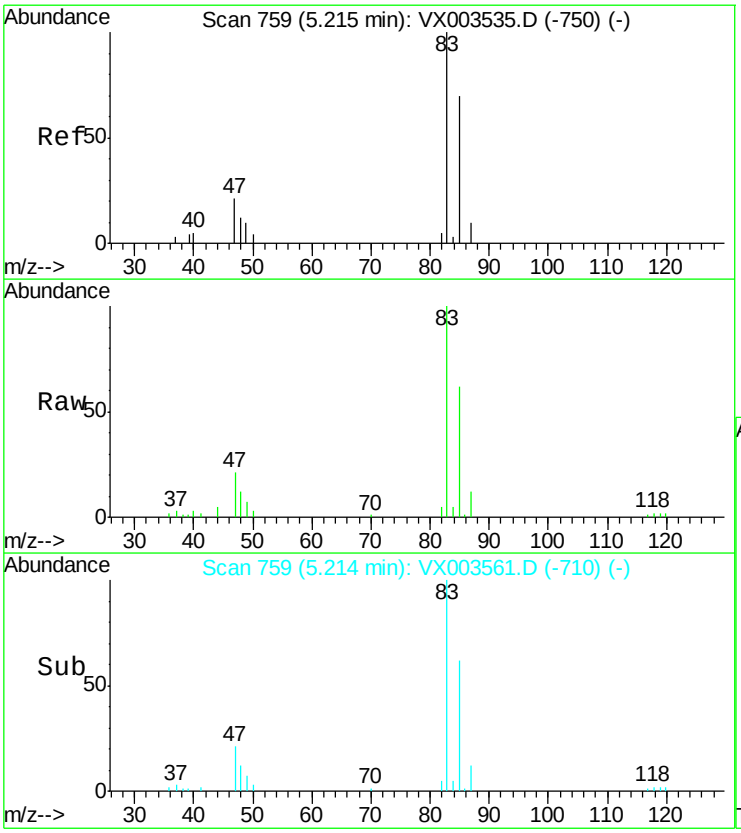
#28
Bromochloromethane
Concen: 0.56 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.20 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument : MSVOA_X
ClientSampleId : RE104D2-071318RE

Tgt Ion: 49 Resp: 1259

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#

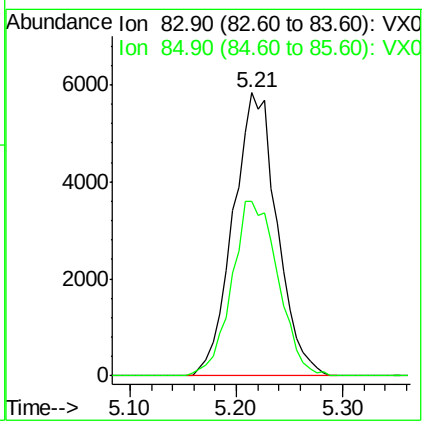


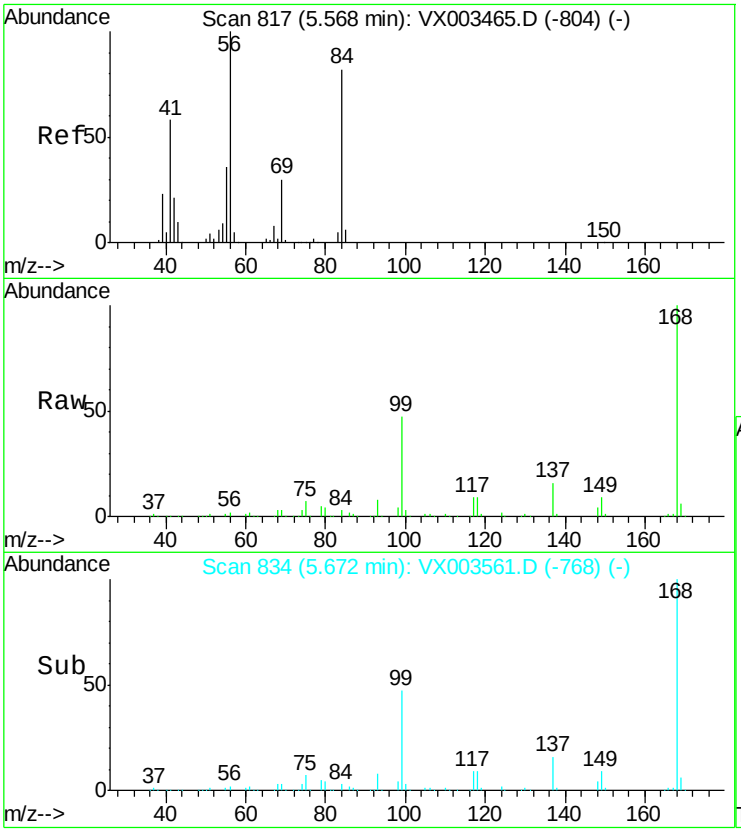


#30
Chloroform
Concen: 3.36 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 83 Resp: 16940

Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.4	75.6



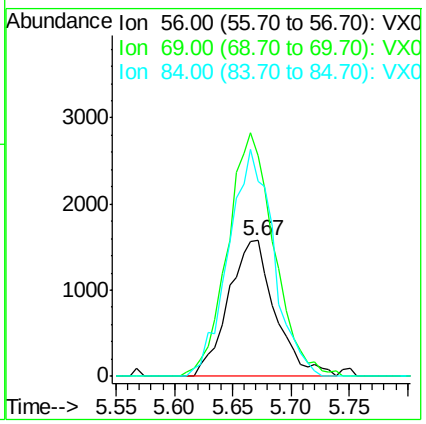


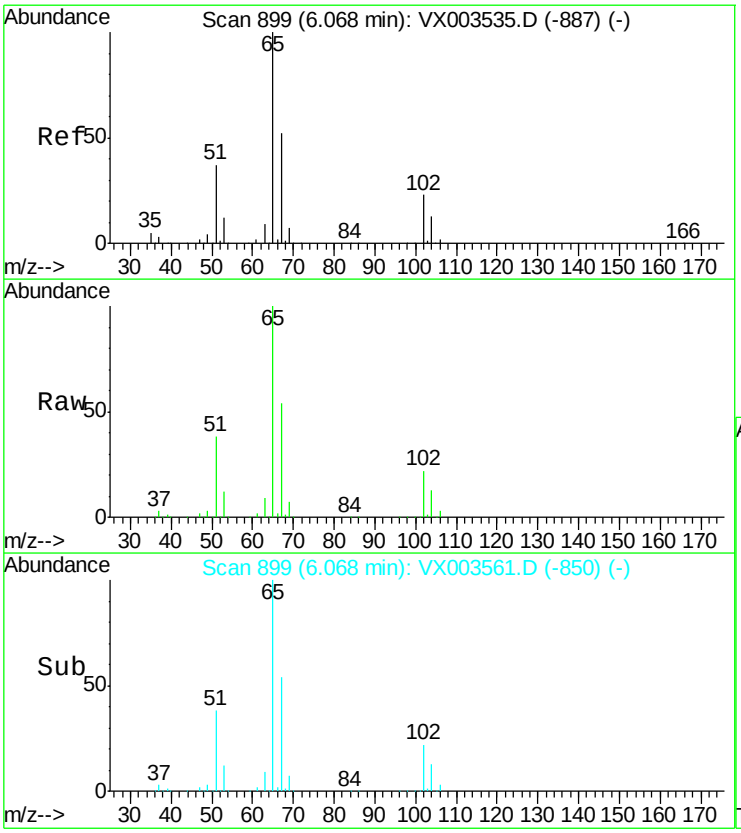
#31
Cyclohexane
Concen: 0.96 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.10 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion: 56 Resp: 4408

Ion	Ratio	Lower	Upper
56	100		
69	158.4	23.7	35.5#
84	143.8	64.1	96.1#

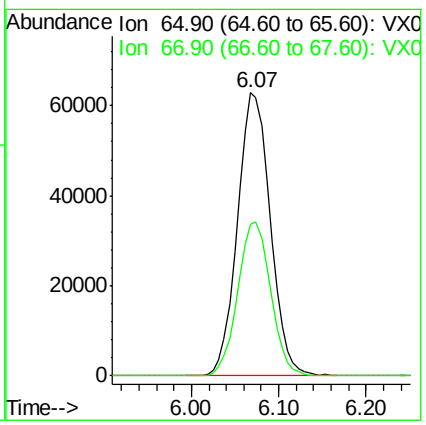


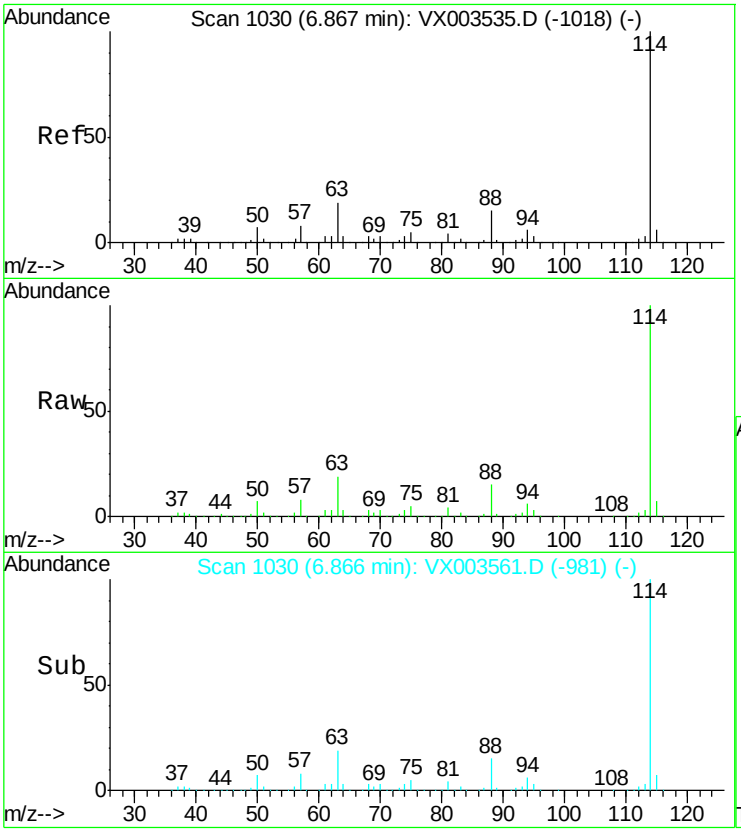


#33
1,2-Dichloroethane-d4
Concen: 53.78 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 65 Resp: 164568

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	102.6



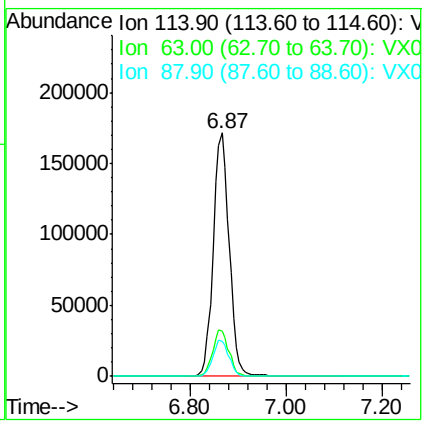


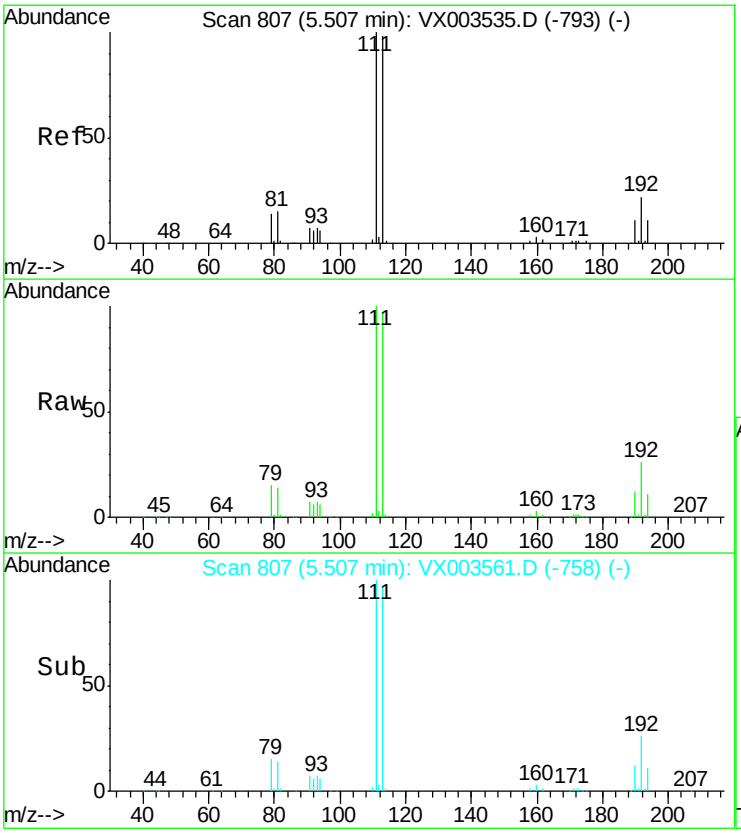
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion:114 Resp: 396822

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	41.4
88	14.6	0.0	30.0

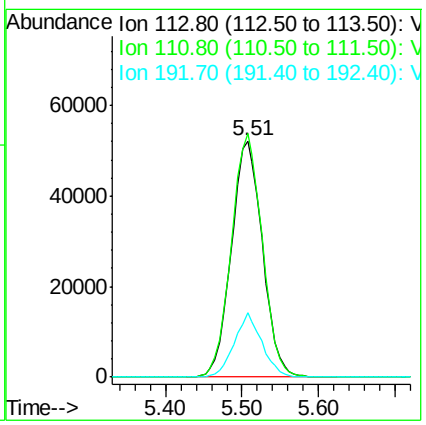


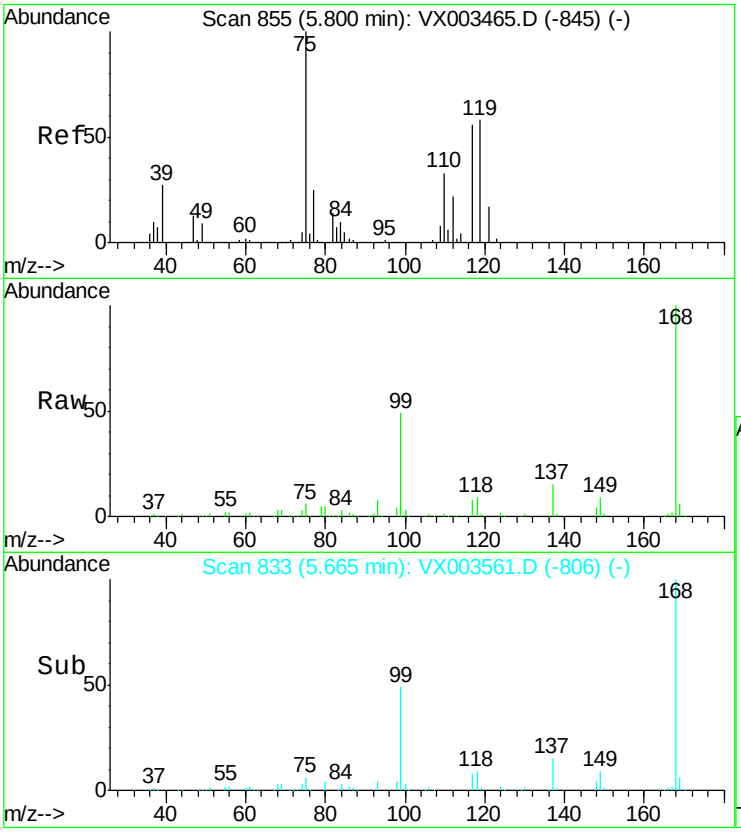


#35
Dibromofluoromethane
Concen: 48.50 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion:113 Resp: 146591

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	24.3	19.1	28.7



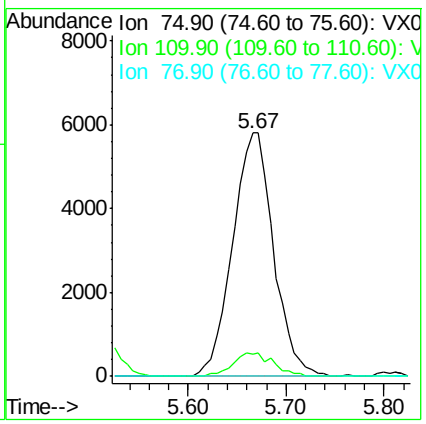


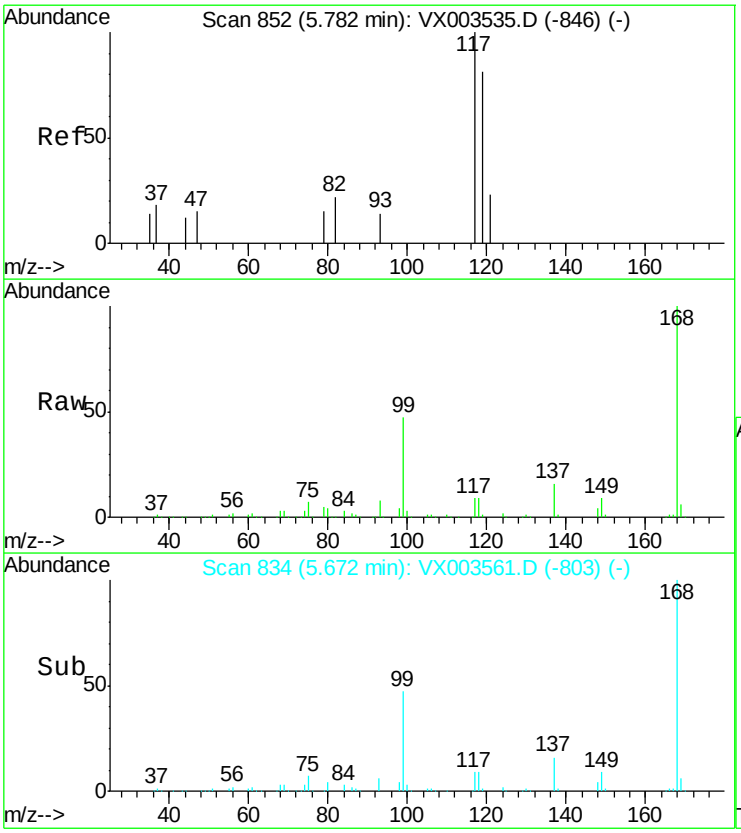
#36
1,1-Dichloropropene
Concen: 3.93 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion: 75 Resp: 16836

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	24.3	36.5#

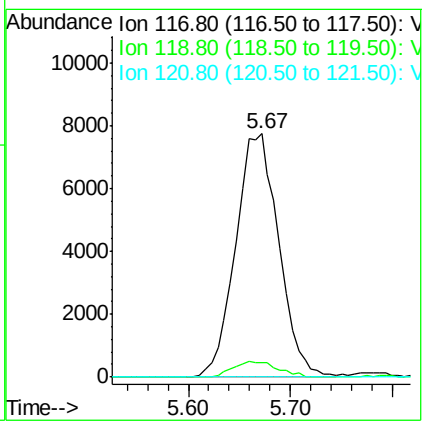


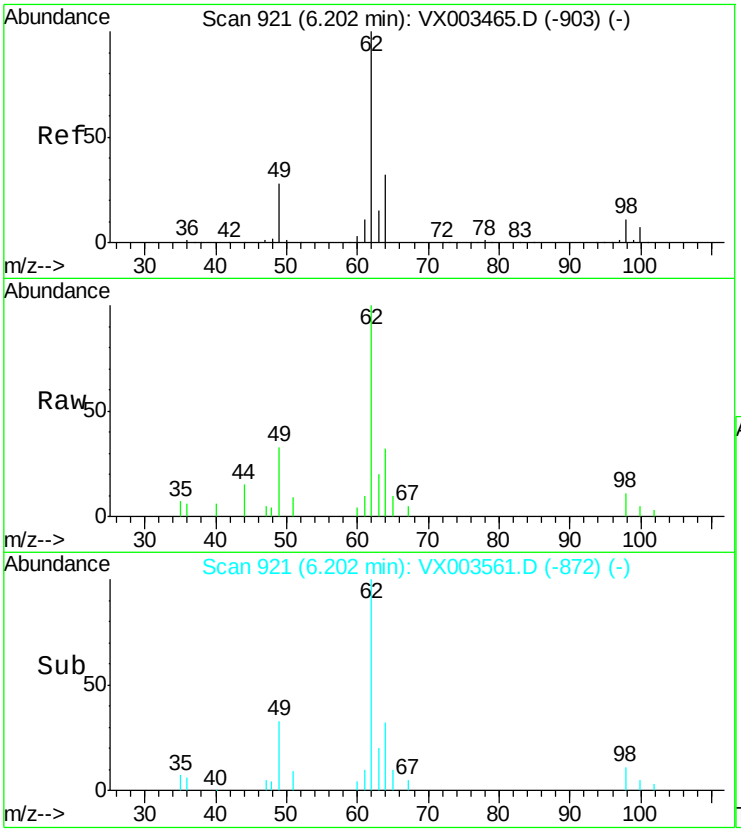


#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.11 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion:117 Resp: 22741

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.4	116.0#
121	0.0	24.4	36.6#



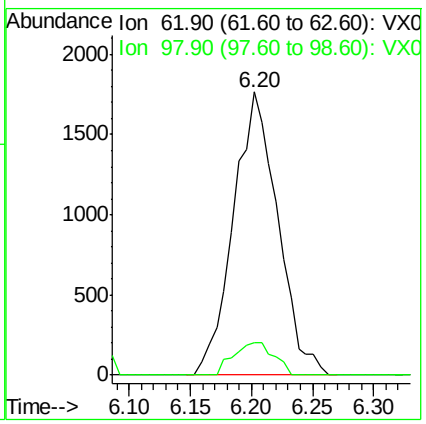


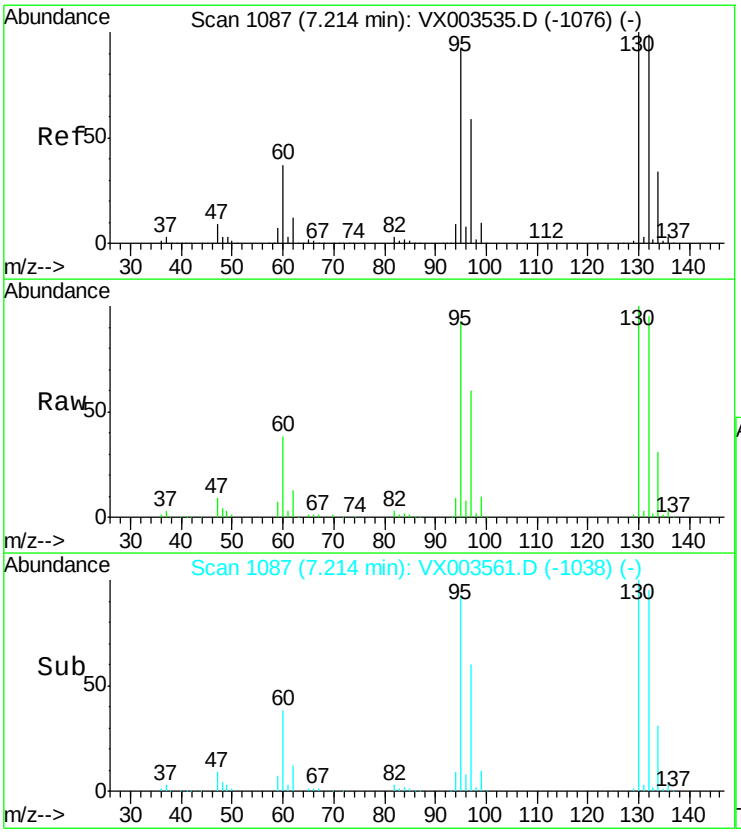
#42
1,2-Dichloroethane
Concen: 1.09 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion: 62 Resp: 4440

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	16.6

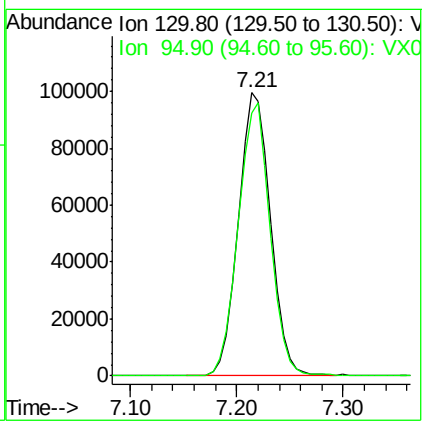


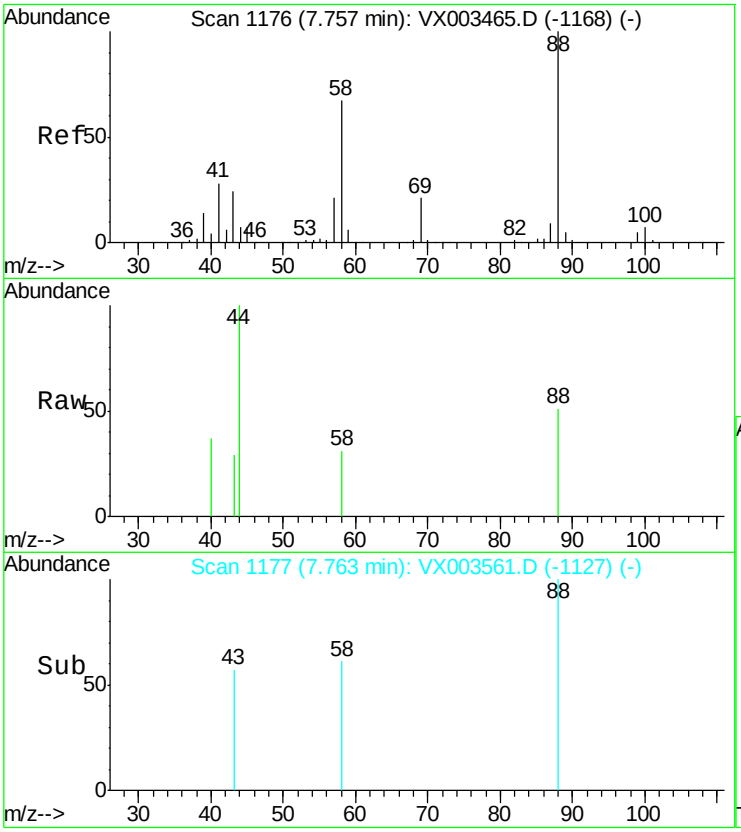


#44
Trichloroethene
Concen: 54.88 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion:130 Resp: 211720

Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	185.4



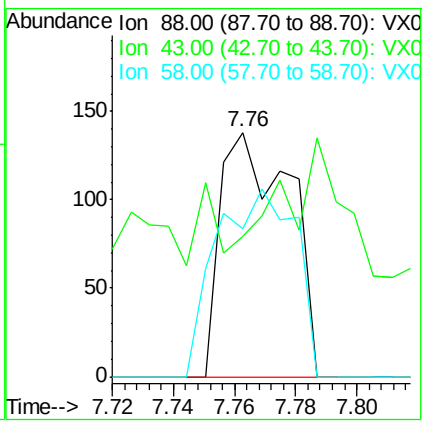


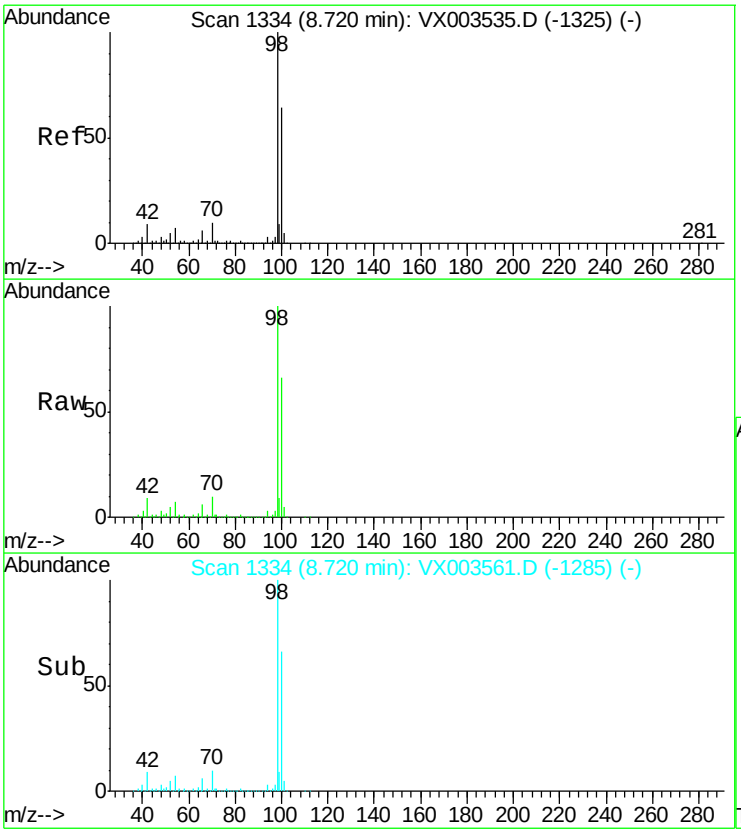
#49
1,4-Dioxane
Concen: 2.92 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion: 88 Resp: 215

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	88.8	57.1	85.7#

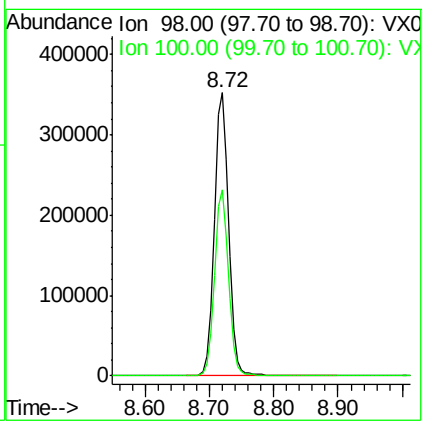


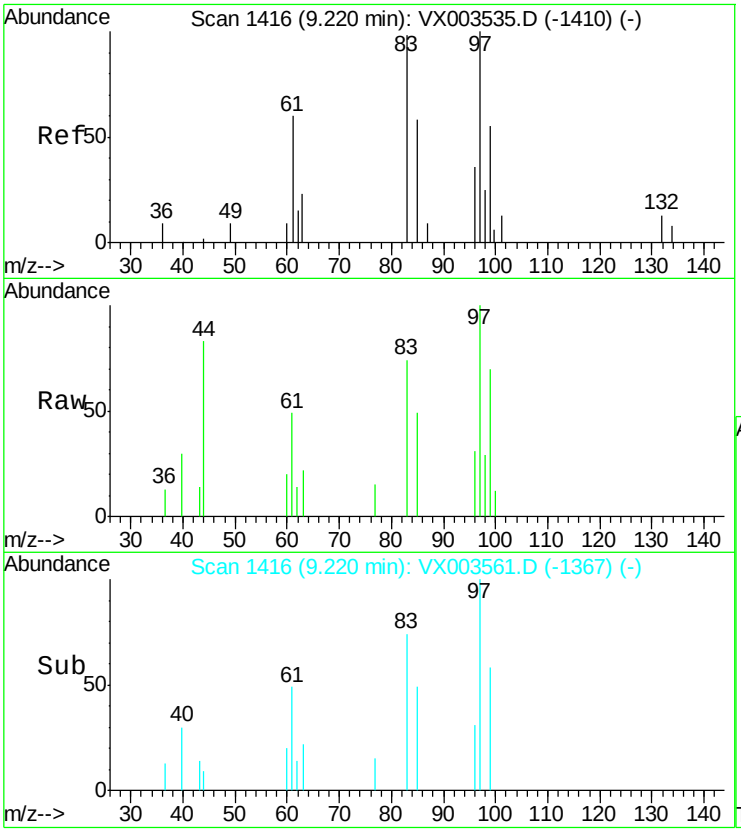


#50
Toluene-d8
Concen: 48.72 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 98 Resp: 553452

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3



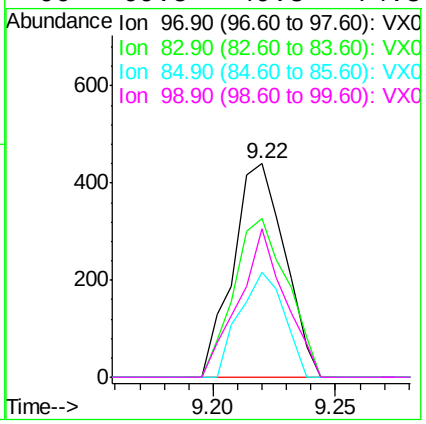


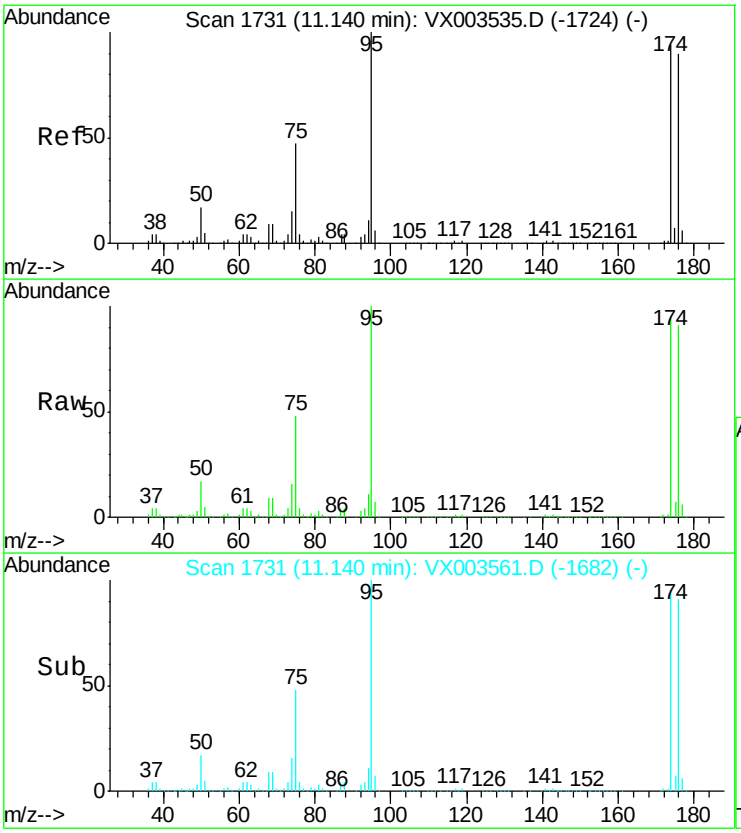
#55
1,1,2-Trichloroethane
Concen: 0.20 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion: 97 Resp: 649

Ion	Ratio	Lower	Upper
97	100		
83	74.1	70.2	105.2
85	49.3	44.9	67.3
99	69.5	49.8	74.8

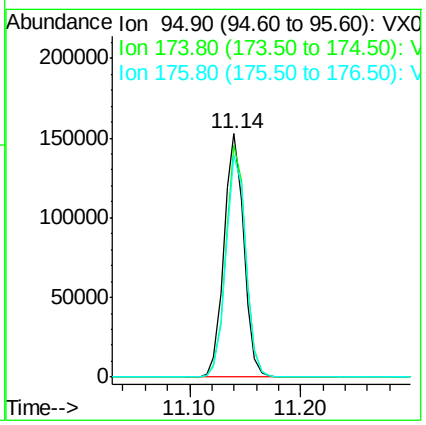


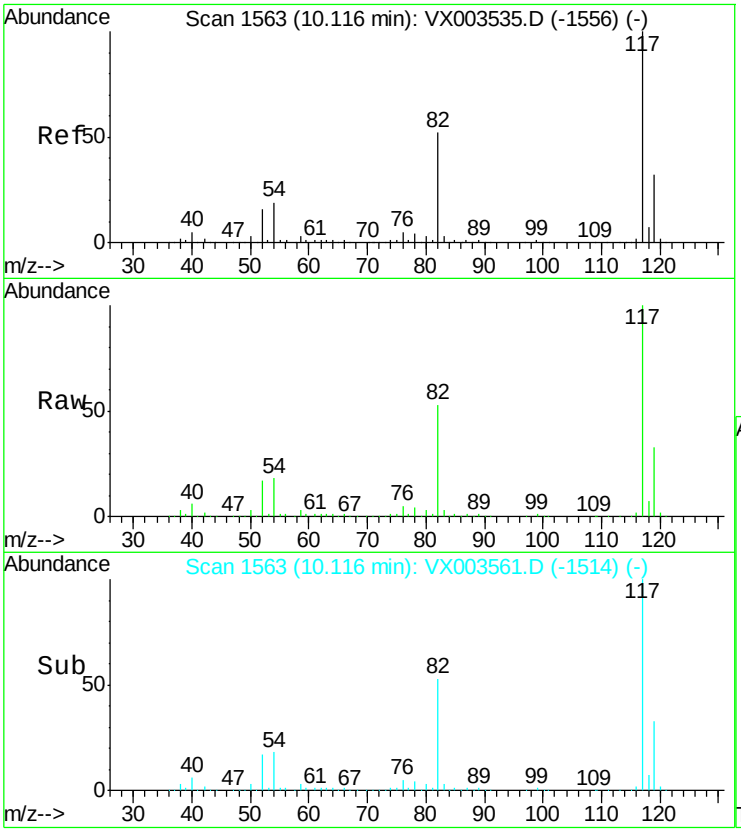


#62
4-Bromofluorobenzene
Concen: 45.18 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 95 Resp: 187291

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	187.4
176	92.0	0.0	181.0



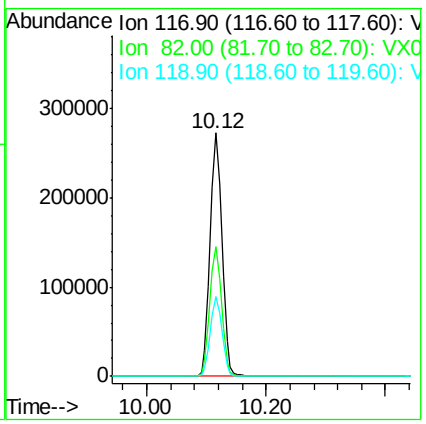


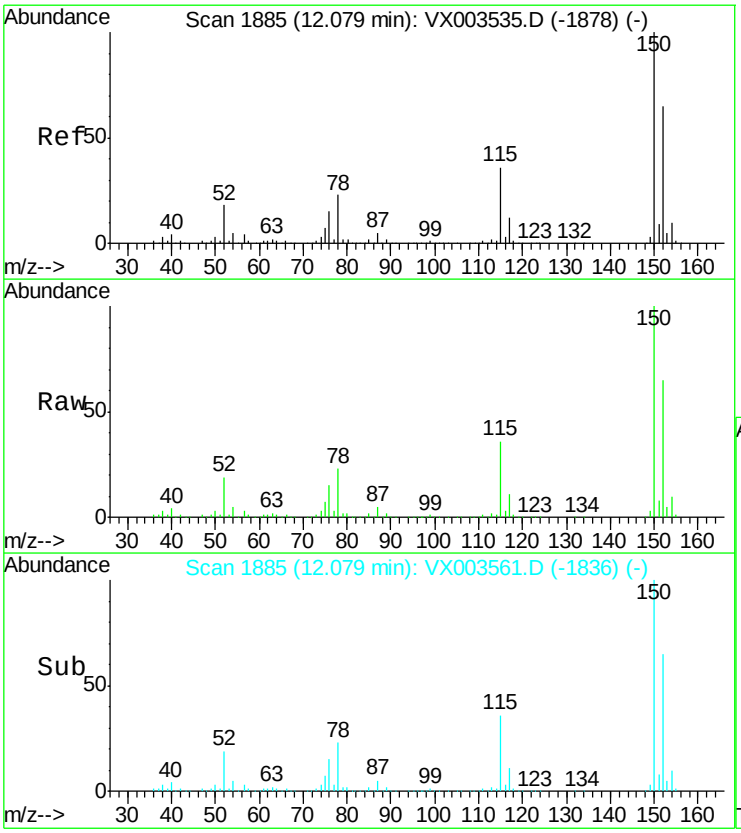
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion:117 Resp: 369800

Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.0	67.4
119	32.6	25.8	38.6

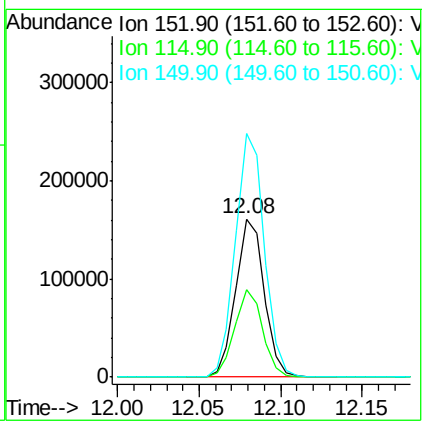


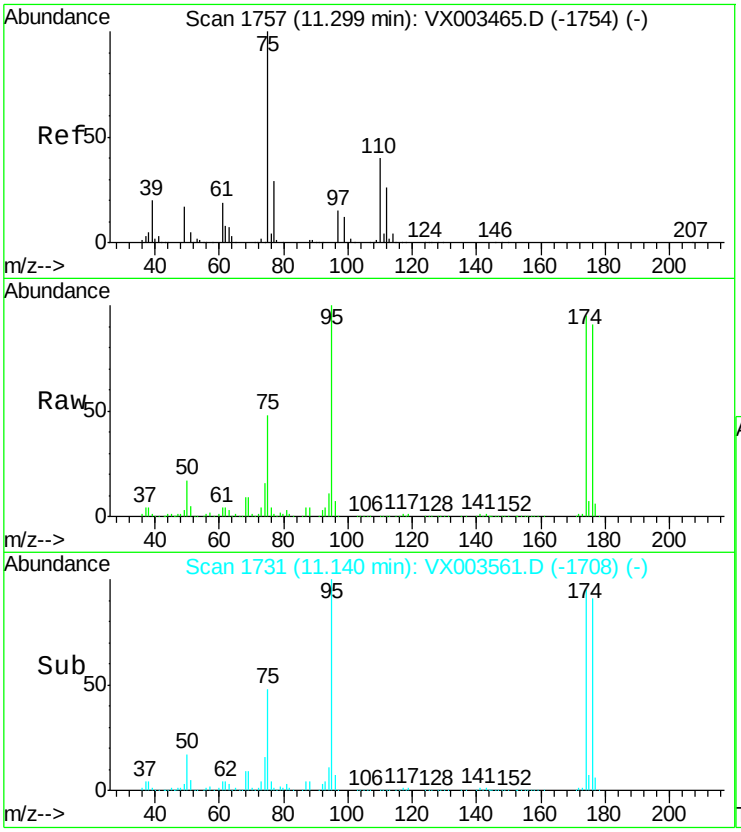


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion:152 Resp: 197173

Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.1	120.2
150	156.4	0.0	347.2



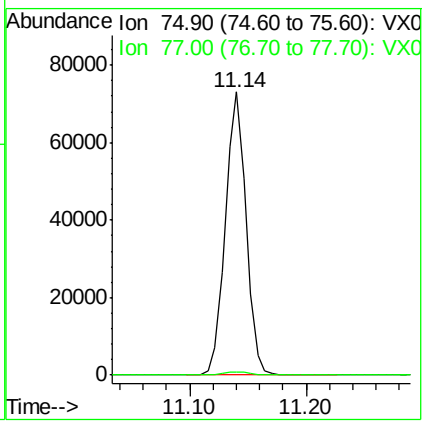


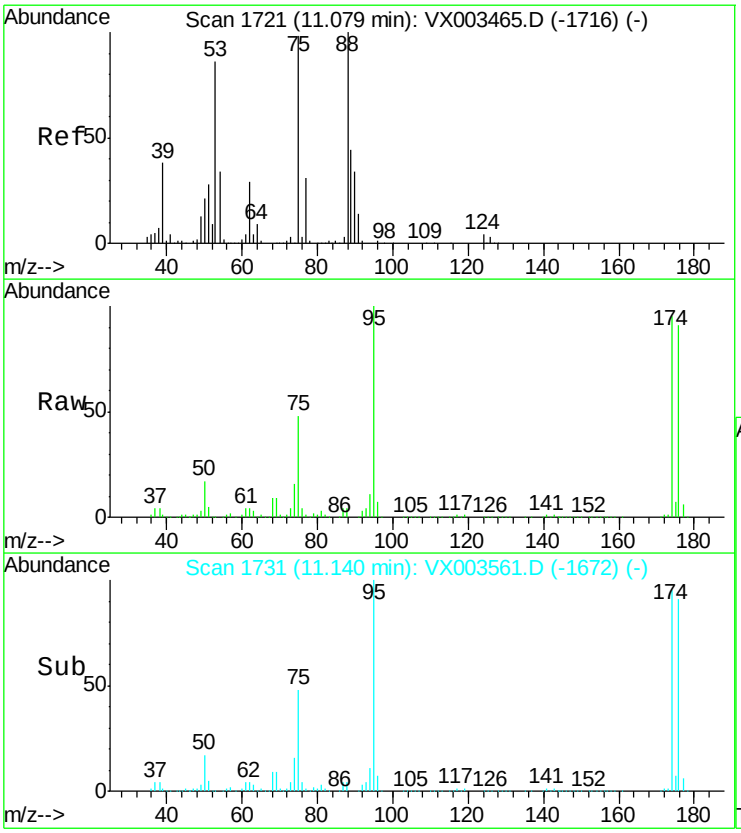
#76
1,2,3-Trichloropropane
Concen: 25.47 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-071318RE

Tgt Ion: 75 Resp: 90221

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.28 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003561.D
Acq: 21 Jul 2018 18:00

Tgt Ion: 75 Resp: 90221

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