Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
Data File : VX005350.D
Acq On : 15 Oct 2018 18:08
Operator : JC/MD
Sample : PB113825ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 16 03:38:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154555	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.26%			
35) Dibromofluoromethane	5.50	113	123864	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.40%			
50) Toluene-d8	8.71	98	463913	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.24%			
62) 4-Bromofluorobenzene	11.14	95	151783	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.54%			
Target Compounds						Qvalue
5) Bromomethane	1.67	94	129	0.661	ug/l	97
6) Chloroethane	1.66	64	95	0.384	ug/l #	44
11) Tert butyl alcohol	3.02	59	3600	4.511	ug/l #	74
13) Acrolein	2.28	56	28	Below Cal	#	1
16) Acetone	2.45	43	16347	9.993	ug/l	100
18) Methyl Acetate	2.78	43	14115	3.033	ug/l	93
20) Methylene Chloride	2.86	84	2886	Below Cal		93
25) 2-Butanone	4.70	43	2960	1.237	ug/l	95
29) Tetrahydrofuran	5.17	42	1181	0.774	ug/l #	70
31) Cyclohexane	5.67	56	4479	1.152	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16547	4.449	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22511	6.023	ug/l #	15
43) Isopropyl Acetate	6.46	43	183044	28.727	ug/l	96
44) Trichloroethene	7.21	130	89	Below Cal		95
48) Methyl methacrylate	7.68	41	8099	2.451	ug/l #	22
51) 4-Methyl-2-Pentanone	8.62	43	3377	0.765	ug/l #	44
54) cis-1,3-Dichloropropene	8.62	75	1102	0.281	ug/l #	74
59) 2-Hexanone	9.44	43	1335	0.376	ug/l #	22
76) 1,2,3-Trichloropropane	11.14	75	75089	22.805	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	2041	0.236	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	75089	69.292	ug/l #	10

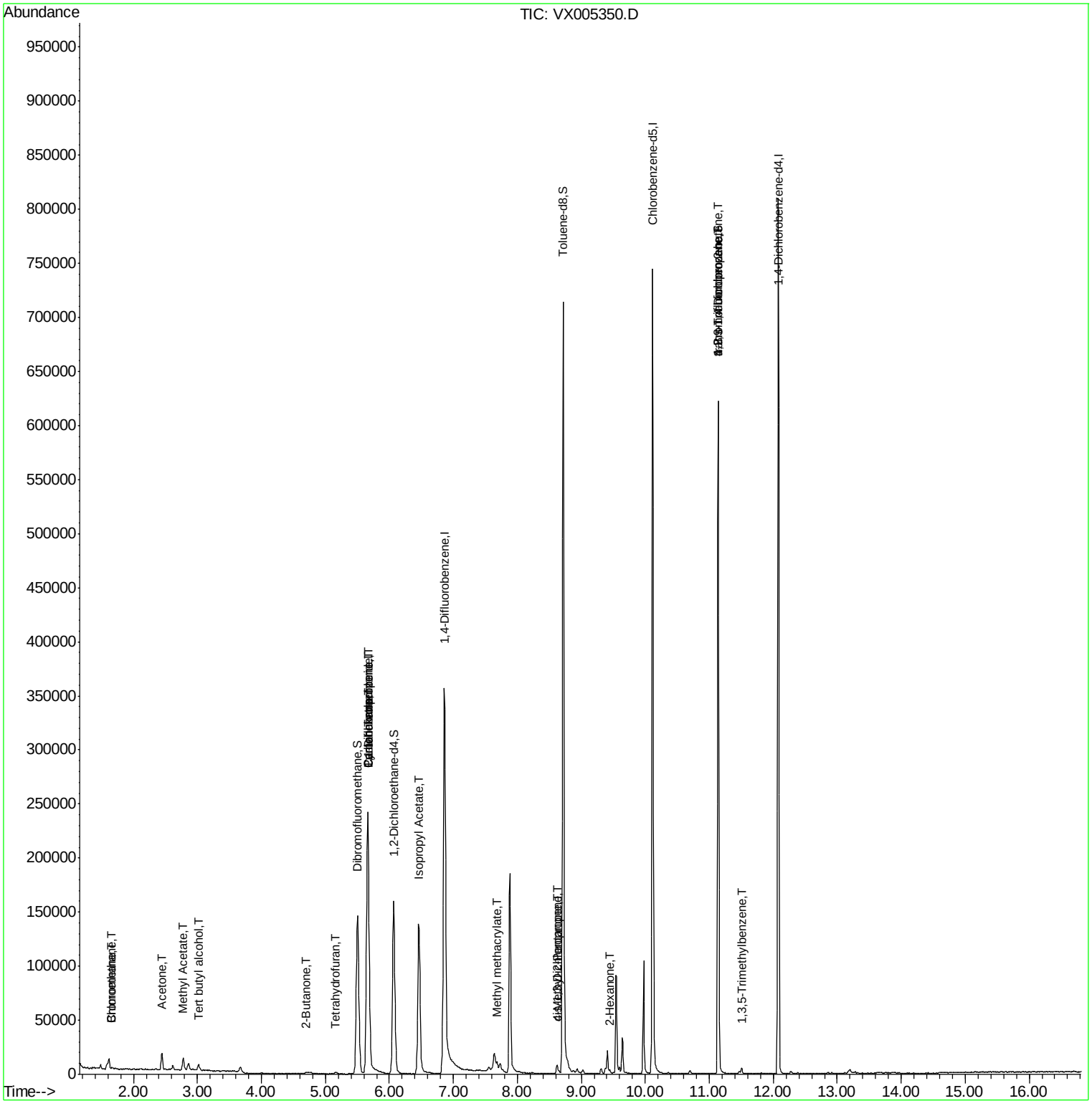
(#) = qualifier out of range (m) = manual integration (+) = signals summed

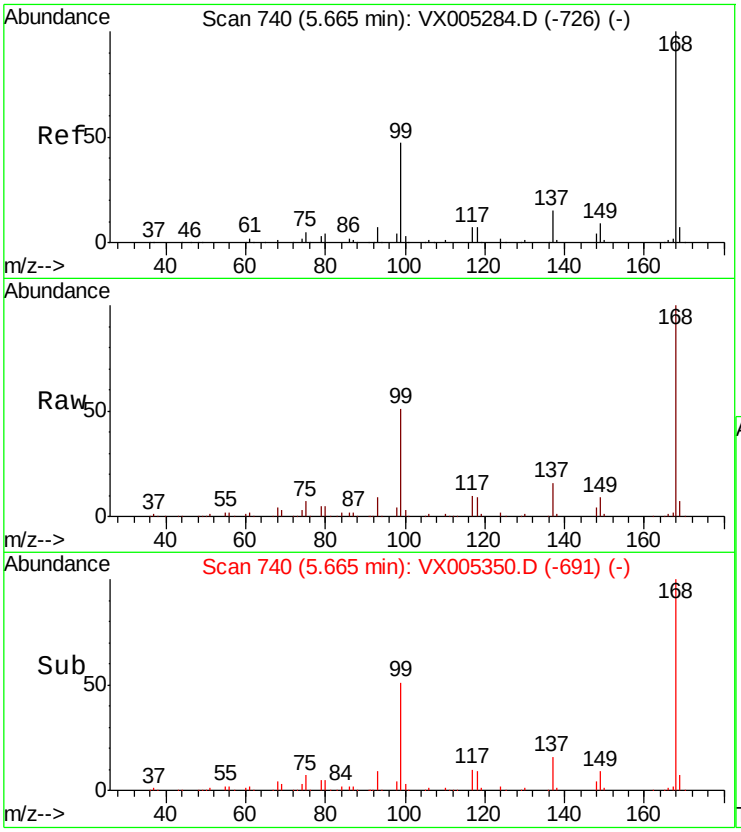
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
Data File : VX005350.D
Acq On : 15 Oct 2018 18:08
Operator : JC/MD
Sample : PB113825ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 16 03:38:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



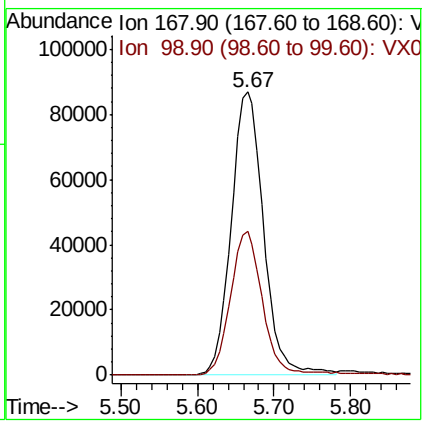


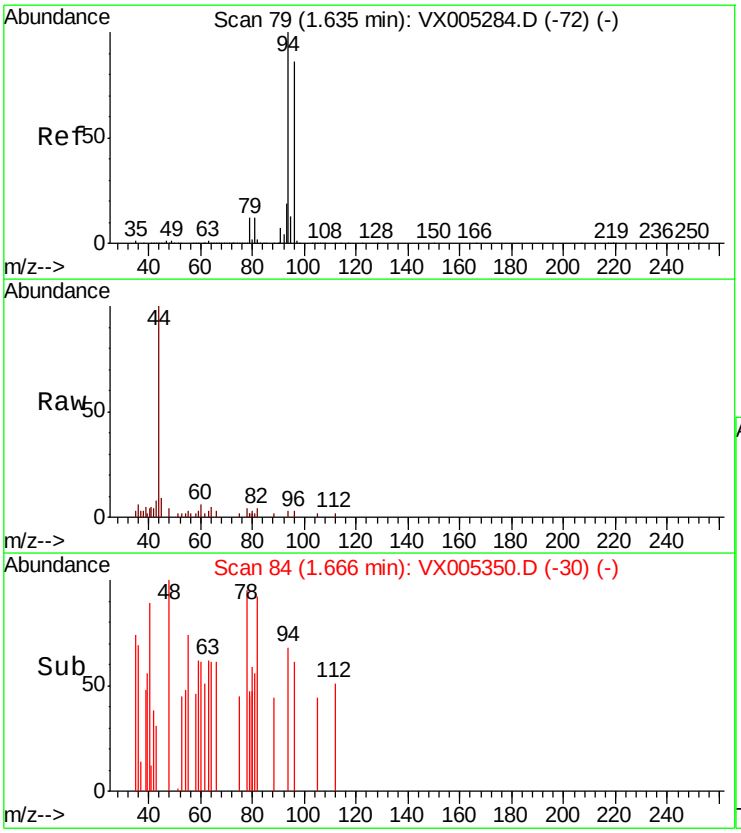
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 254921

Ion	Ratio	Lower	Upper
168	100		
99	50.6	39.9	59.9

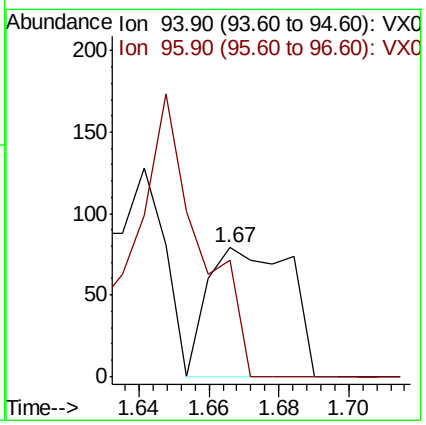


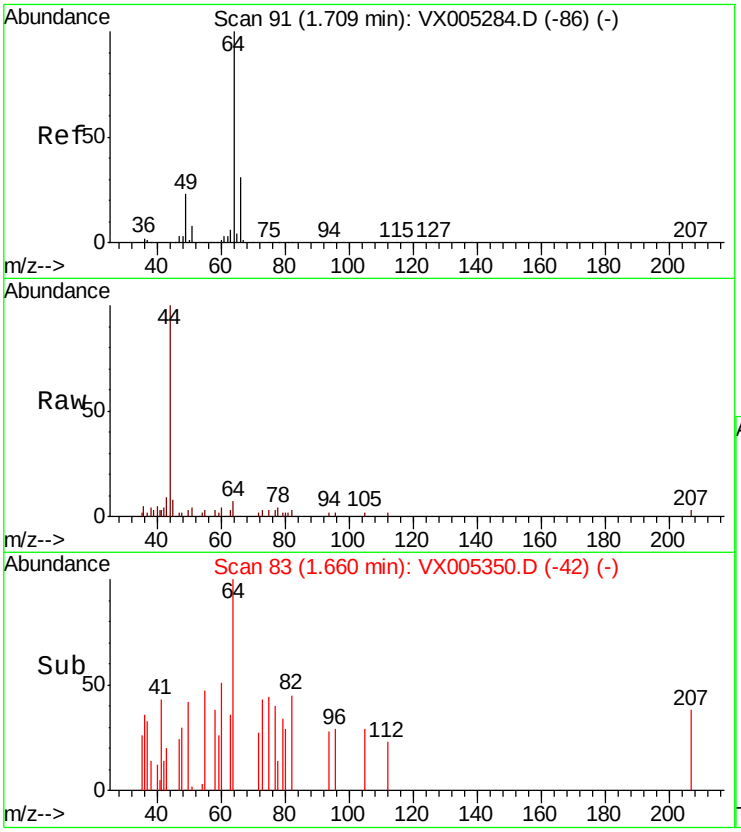


#5
Bromomethane
Concen: 0.661 ug/l
RT: 1.67 min Scan# 84
Delta R.T. 0.03 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 94 Resp: 129

Ion	Ratio	Lower	Upper
94	100		
96	89.9	74.5	111.7



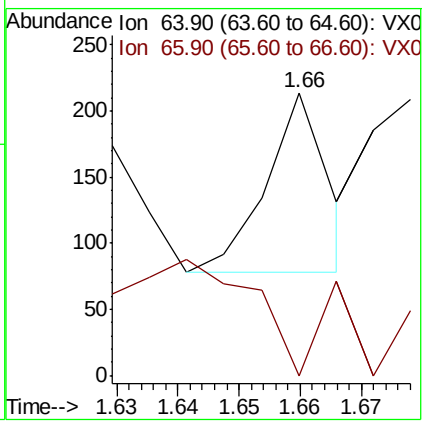


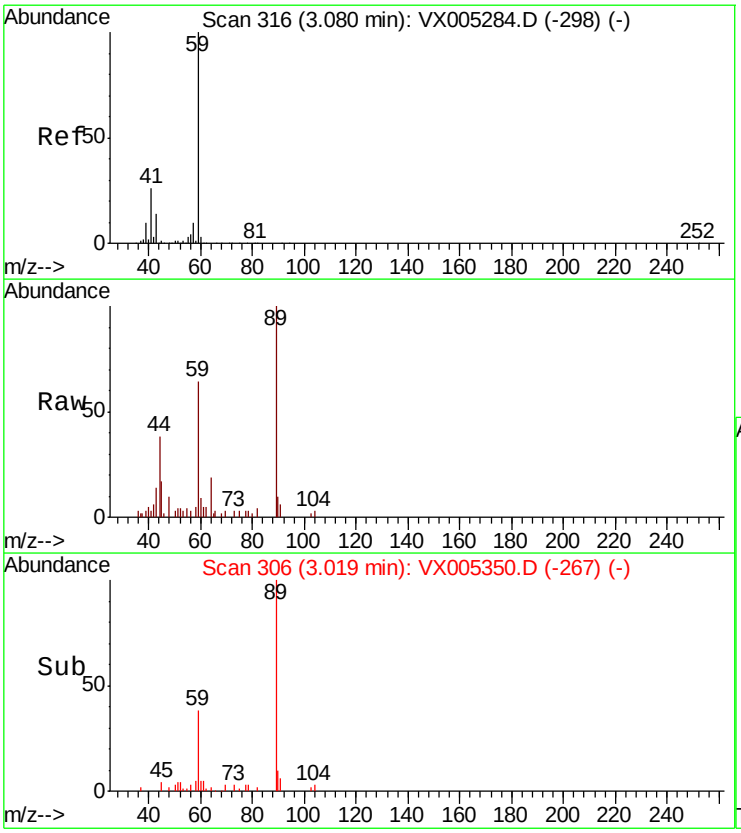
#6
Chloroethane
Concen: 0.384 ug/l
RT: 1.66 min Scan# 83
Delta R.T. -0.05 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 95

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#

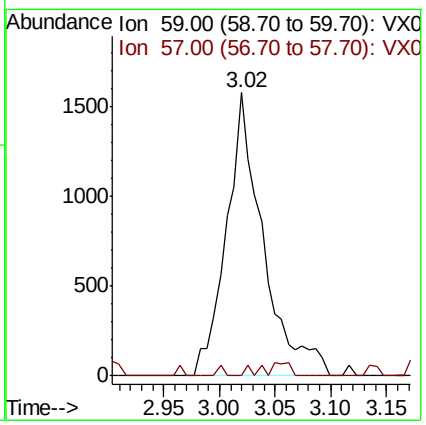


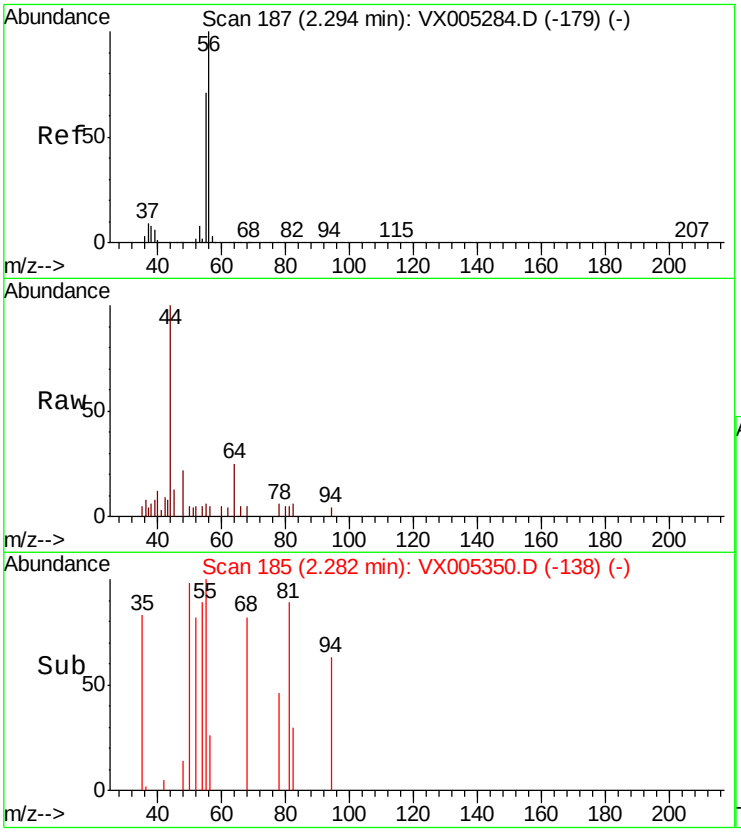


#11
Tert butyl alcohol
Concen: 4.511 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 59 Resp: 3600

Ion	Ratio	Lower	Upper
59	100		
57	0.6	8.2	12.4#



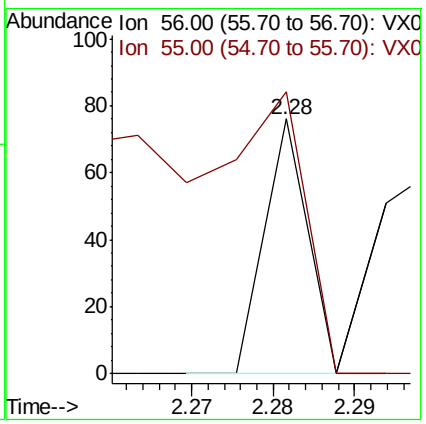


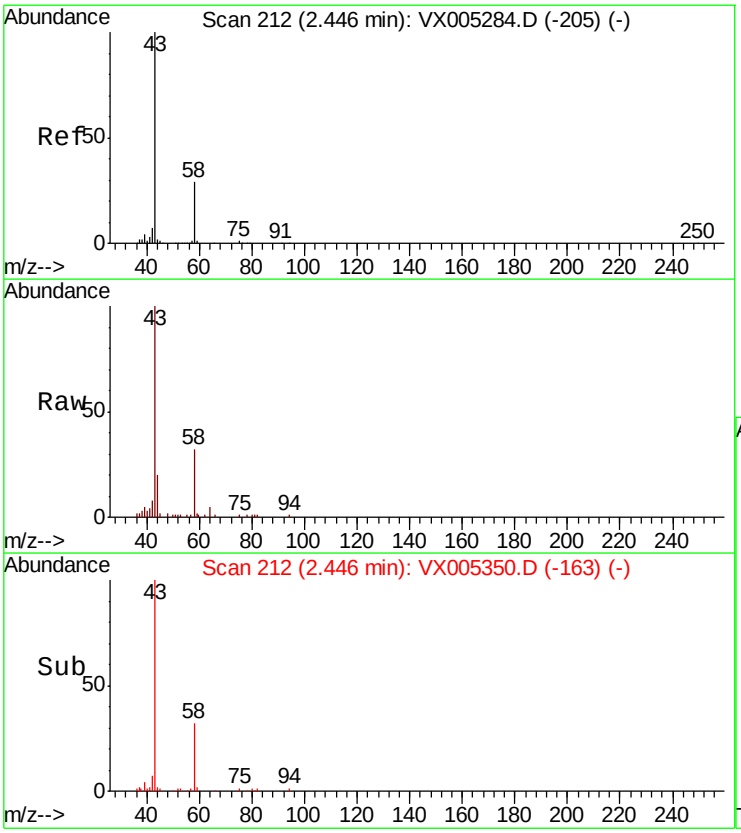
#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 28

Ion	Ratio	Lower	Upper
56	100		
55	635.7	54.7	82.1#

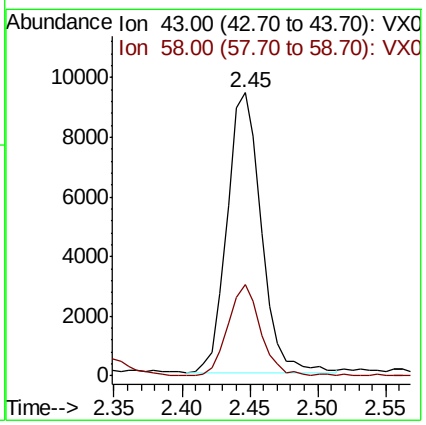


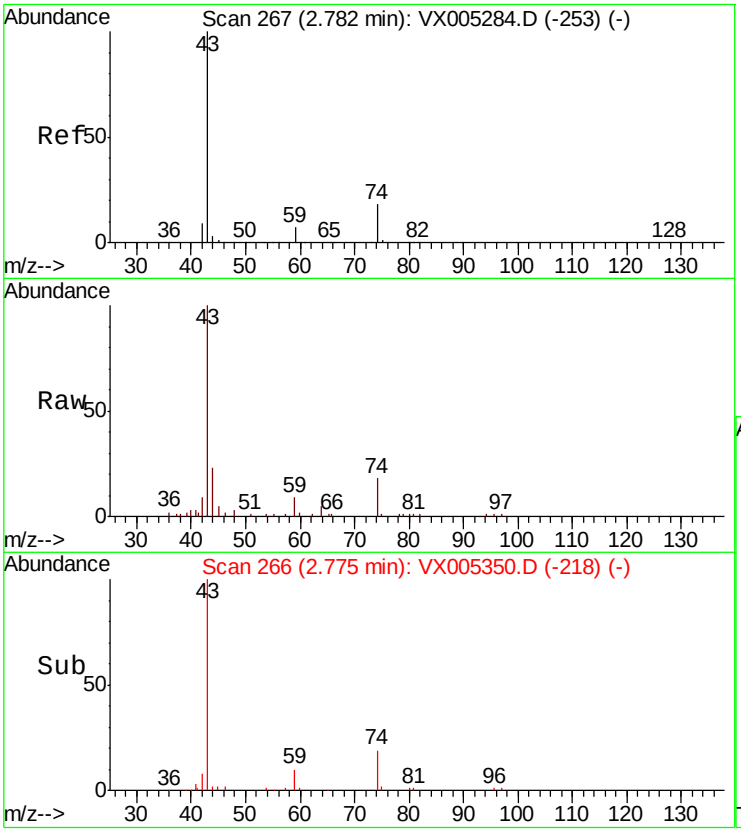


#16
Acetone
Concen: 9.993 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 43 Resp: 16347

Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.2	39.4



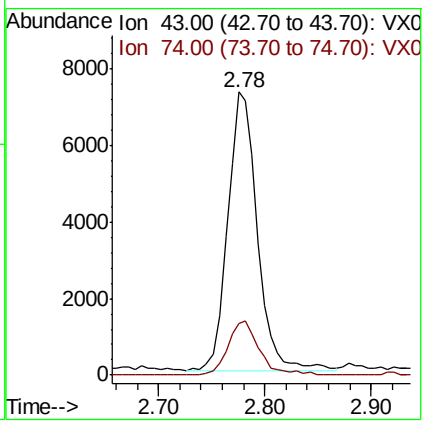


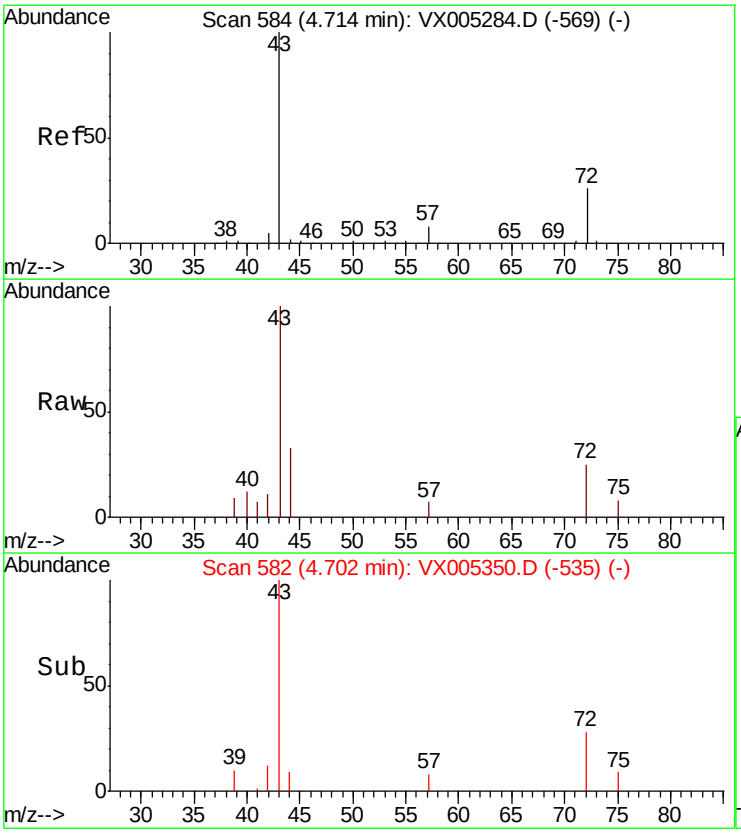
#18
Methyl Acetate
Concen: 3.033 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 14115

Ion	Ratio	Lower	Upper
43	100		
74	20.8	19.4	29.2

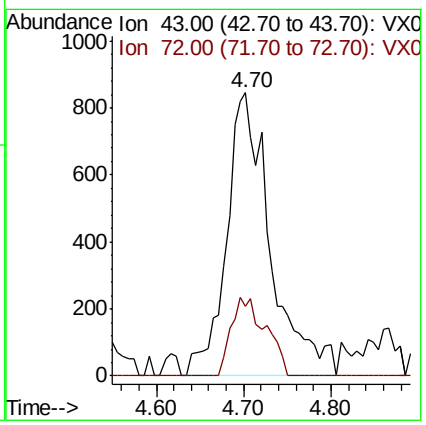


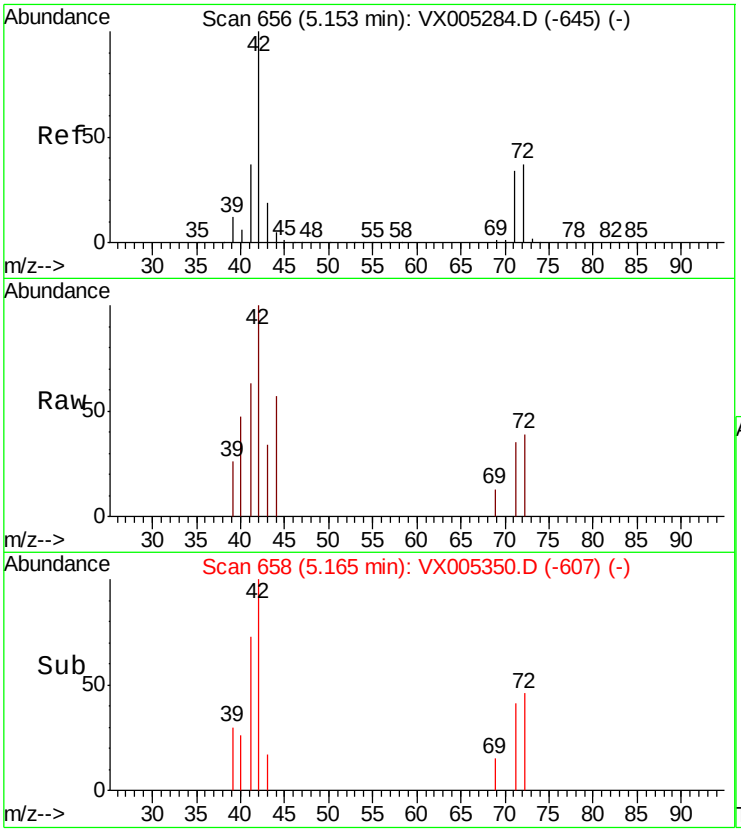


#25
2-Butanone
Concen: 1.237 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 43 Resp: 2960

Ion	Ratio	Lower	Upper
43	100		
72	24.7	22.0	33.0



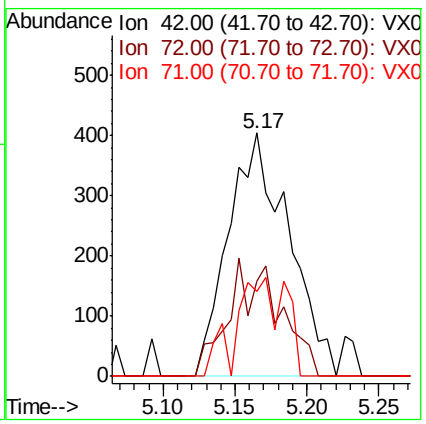


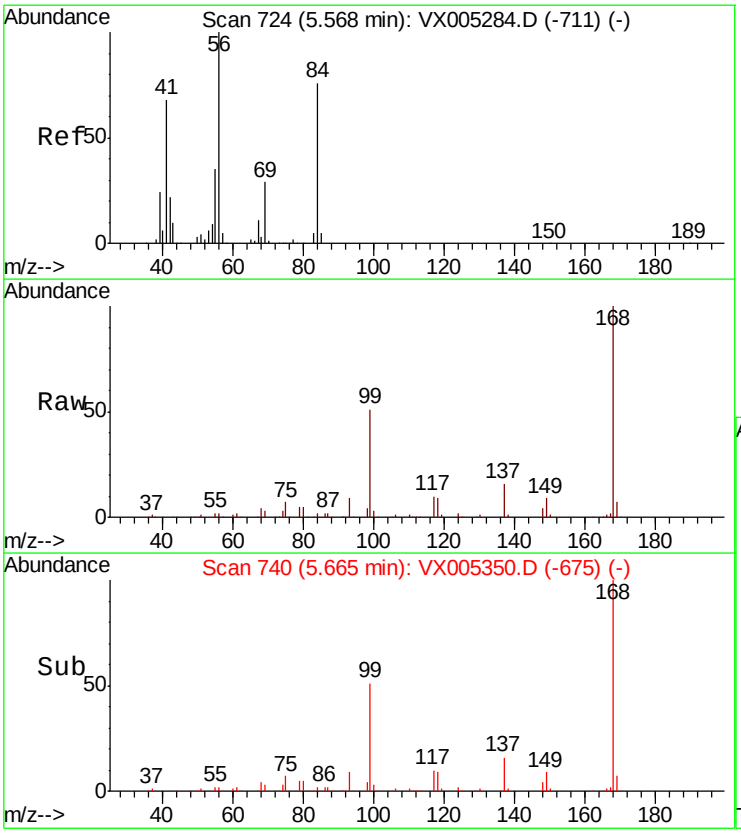
#29
Tetrahydrofuran
Concen: 0.774 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1181

Ion	Ratio	Lower	Upper
42	100		
72	18.0	37.4	56.0#
71	33.4	34.5	51.7#

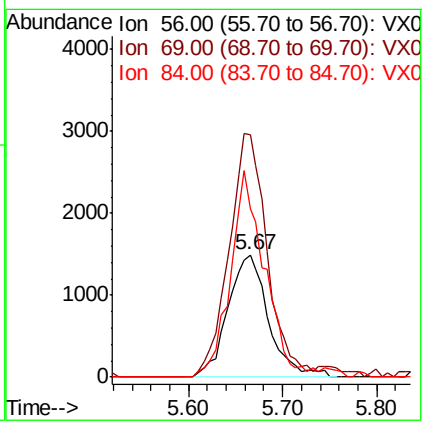


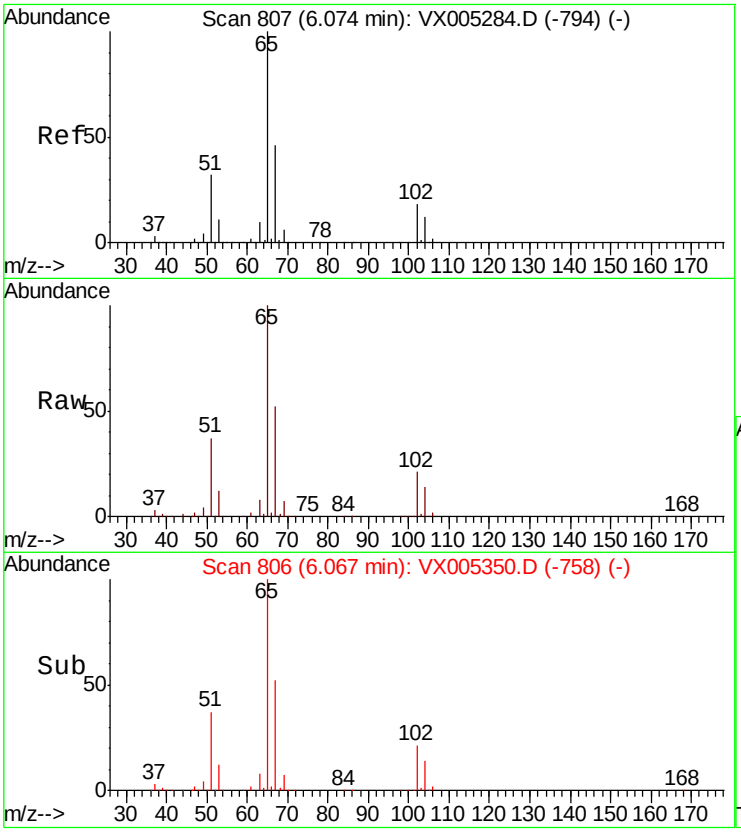


#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.10 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 56 Resp: 4479

Ion	Ratio	Lower	Upper
56	100		
69	199.0	25.4	38.2#
84	137.7	71.4	107.2#



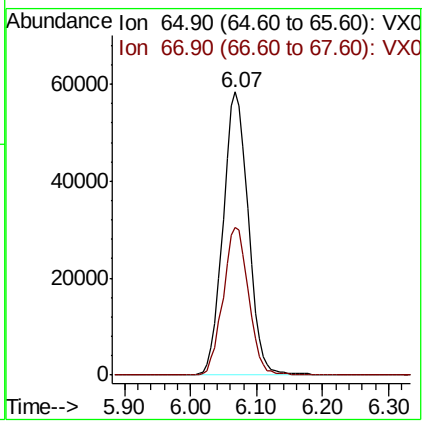


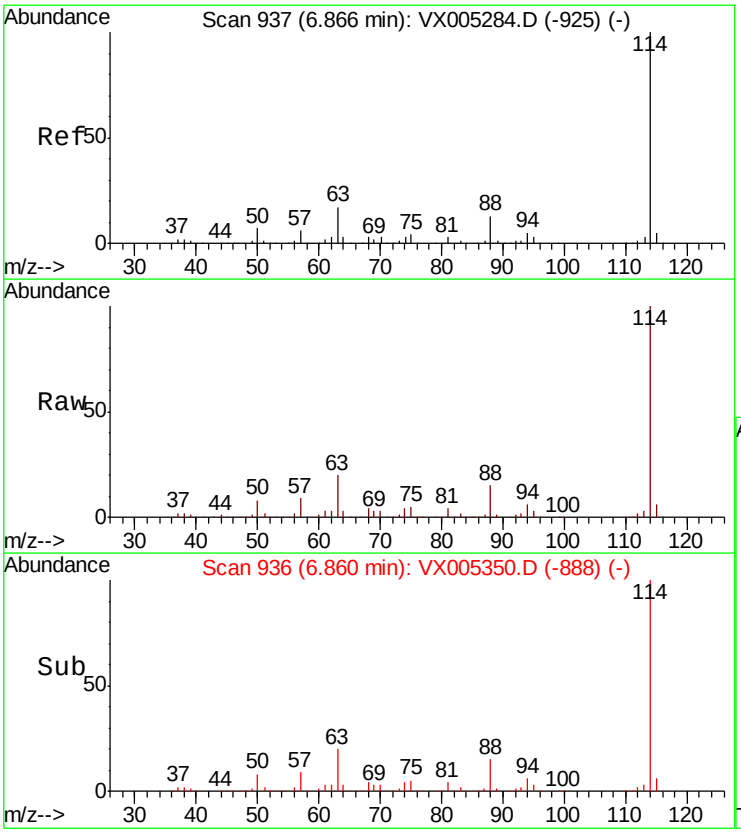
#33
1,2-Dichloroethane-d4
Concen: 54.628 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 154555

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.8

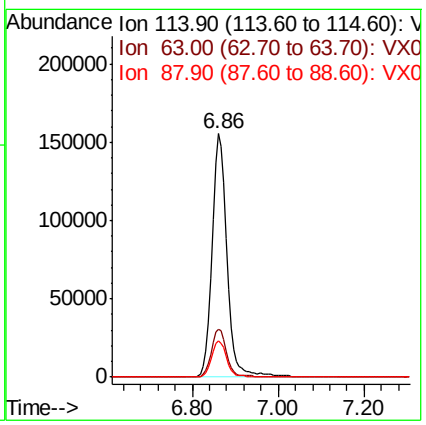


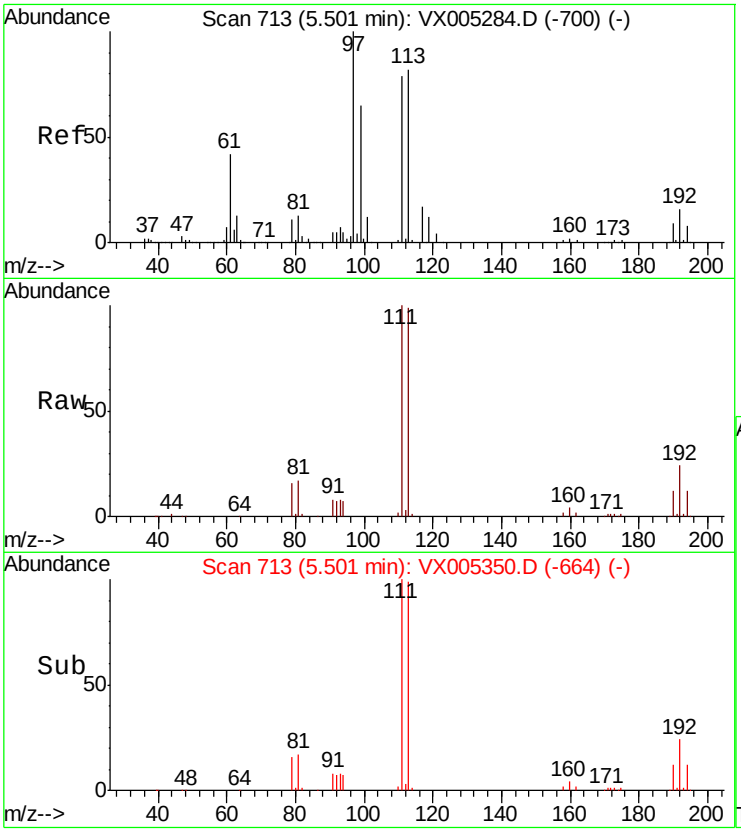


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion:114 Resp: 384049

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	14.8	0.0	30.4



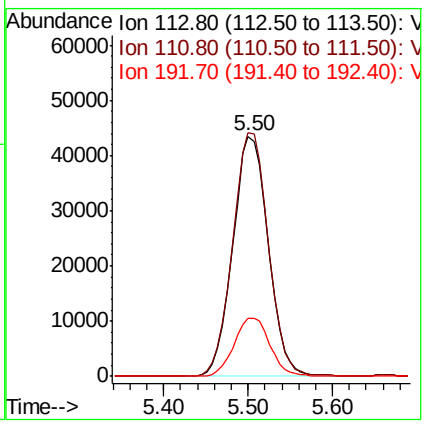


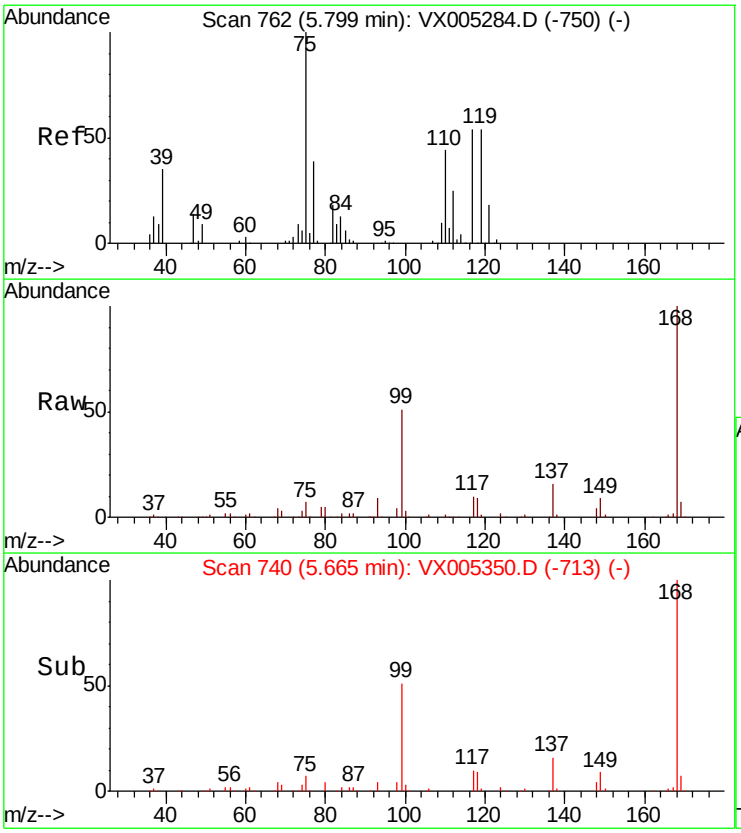
#35
Dibromofluoromethane
Concen: 48.695 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 123864

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	24.5	19.4	29.2

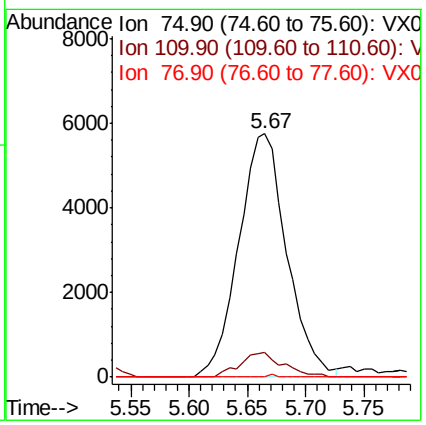


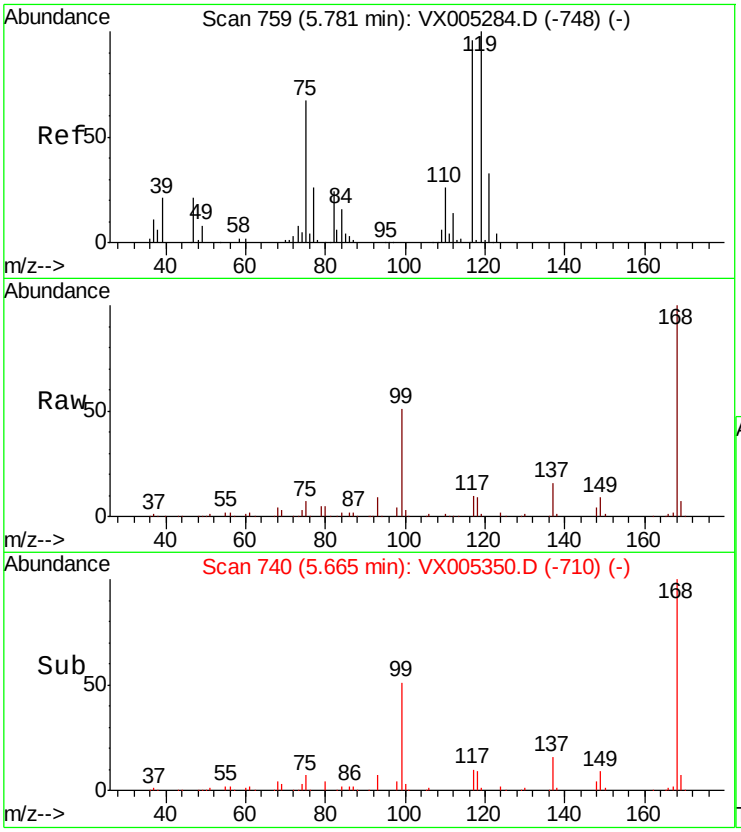


#36
1,1-Dichloropropene
Concen: 4.449 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 75 Resp: 16547

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.0	54.0#
77	0.1	24.6	36.8#



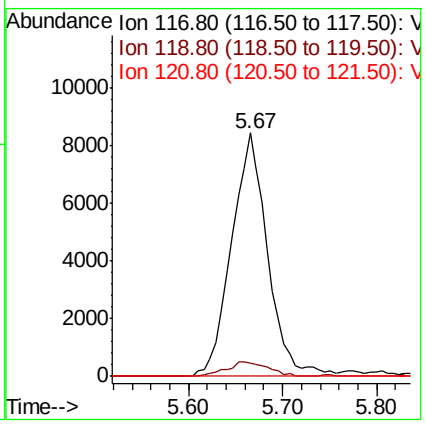


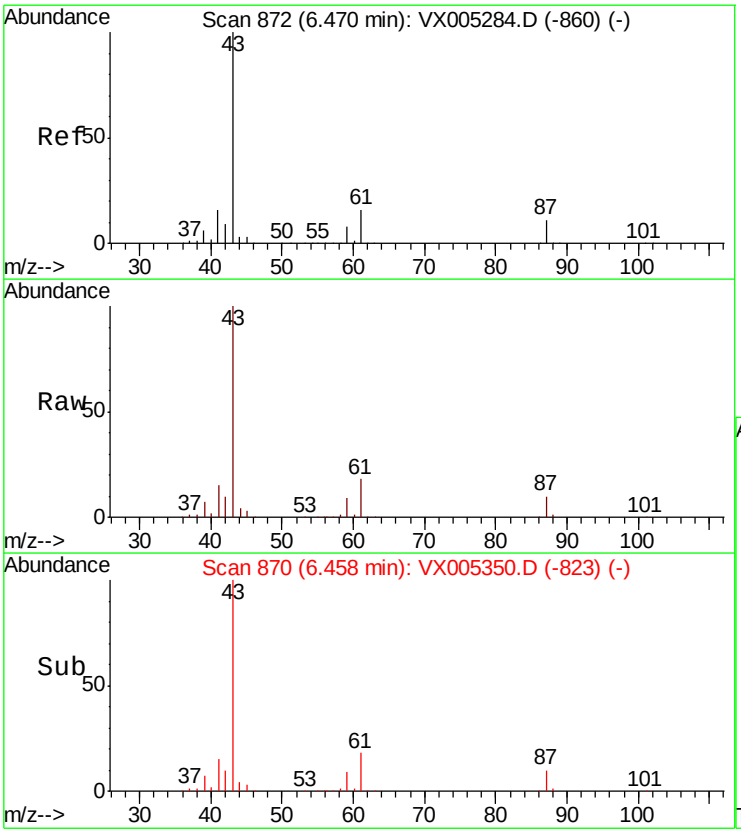
#38
Carbon Tetrachloride
Concen: 6.023 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22511

Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.8	118.2#
121	0.0	24.9	37.3#

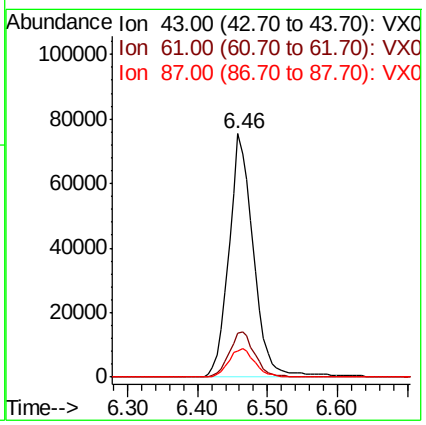


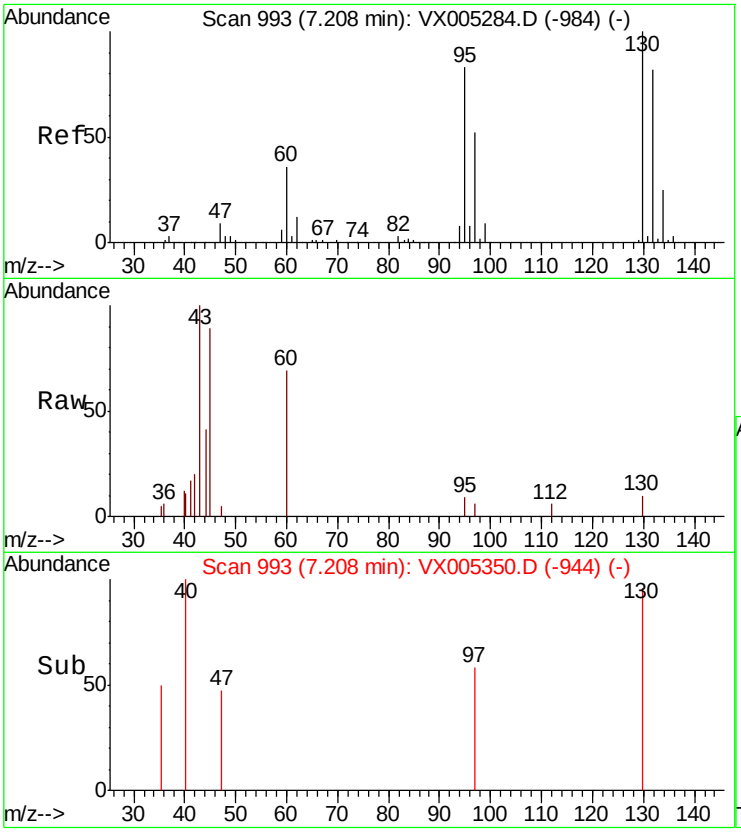


#43
Isopropyl Acetate
Concen: 28.727 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 43 Resp: 183044

Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.0	25.4
87	12.3	11.4	17.2



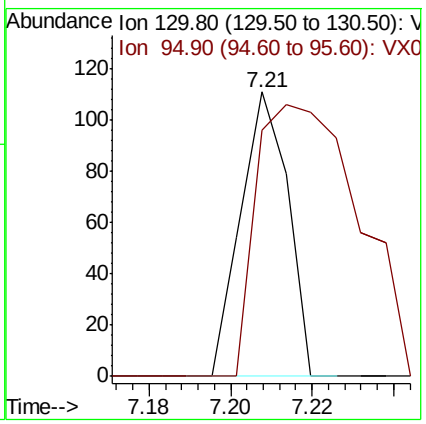


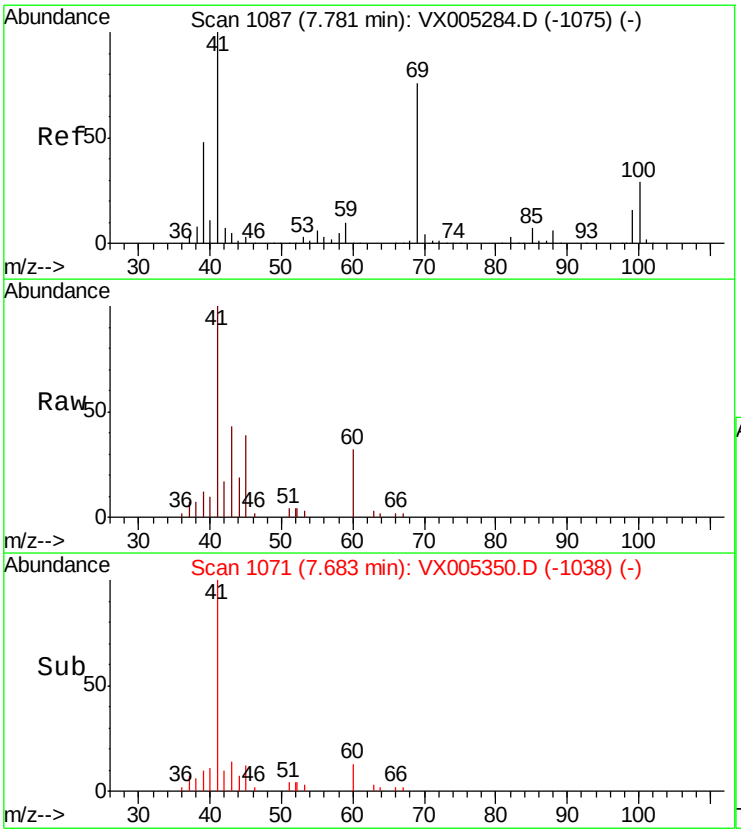
#44
Trichloroethene
Concen: Below Cal
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 89

Ion	Ratio	Lower	Upper
130	100		
95	86.5	0.0	181.6

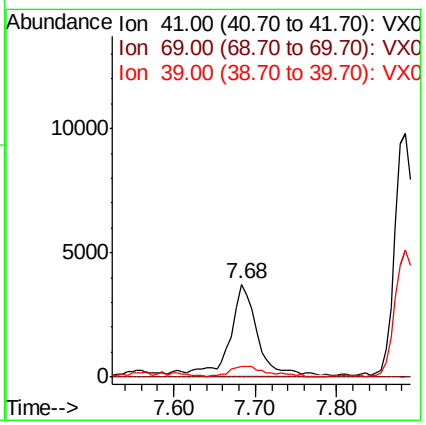


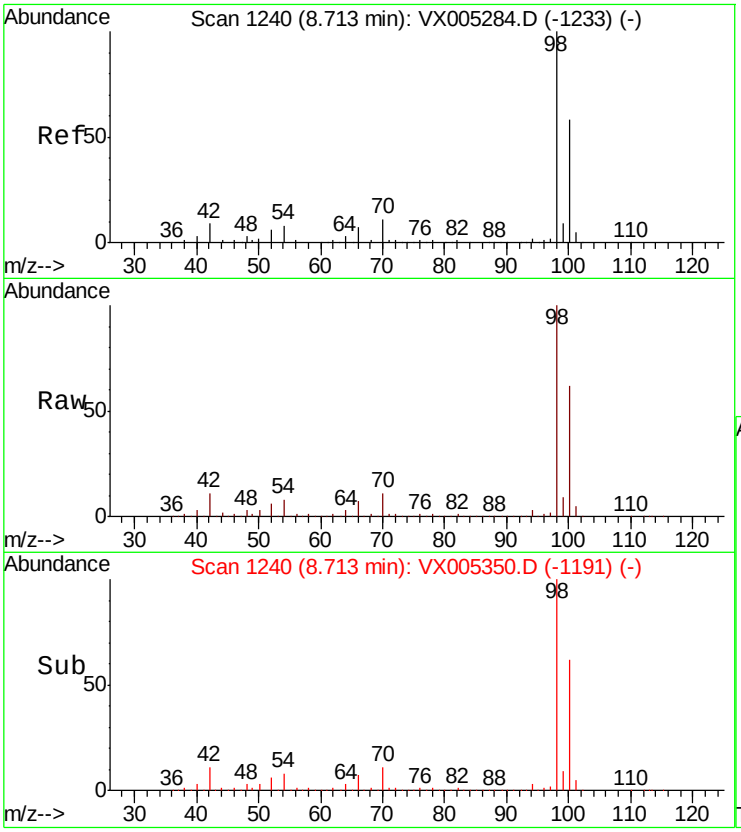


#48
Methyl methacrylate
Concen: 2.451 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.10 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 41 Resp: 8099

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	17.8	42.7	64.1#



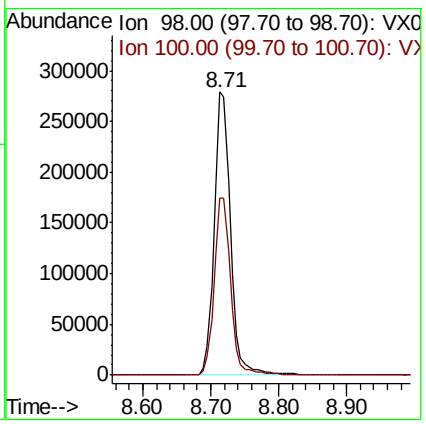


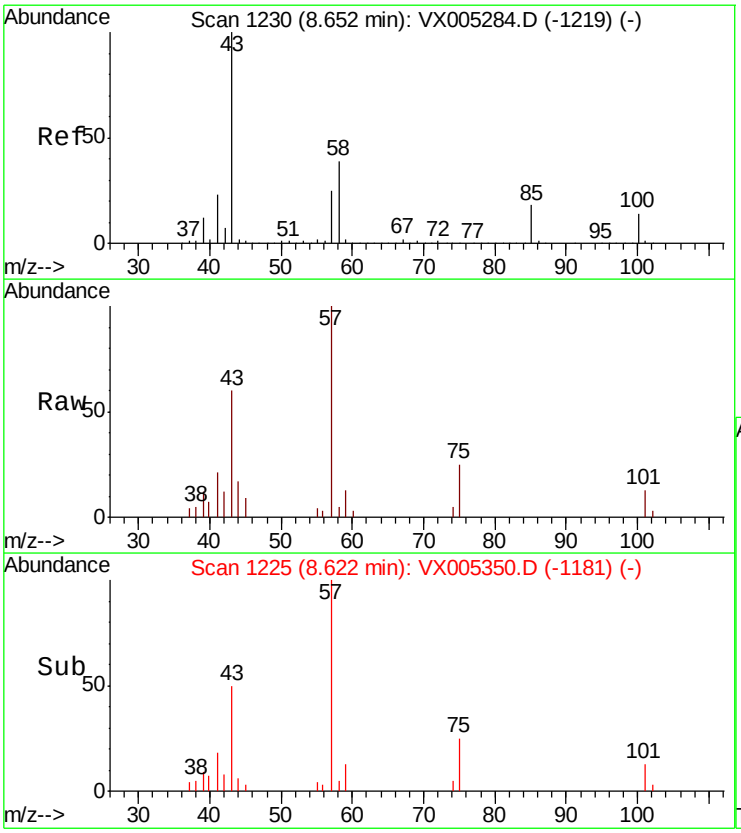
#50
Toluene-d8
Concen: 53.125 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 463913

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.9	79.3

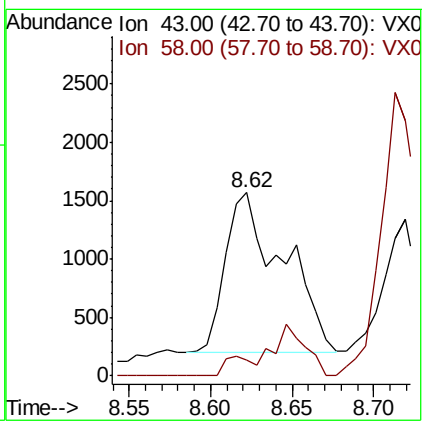


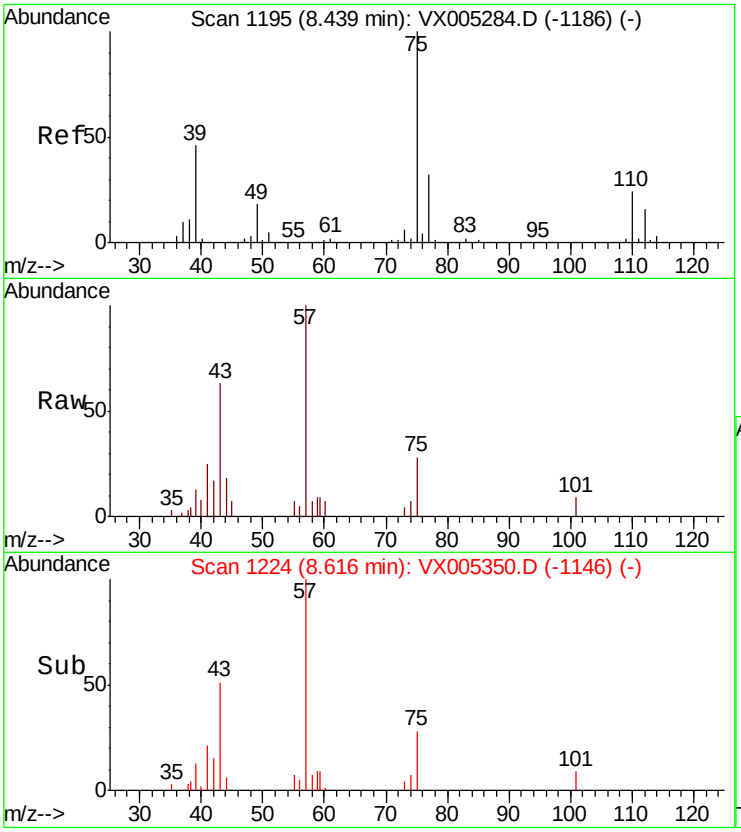


#51
4-Methyl-2-Pentanone
Concen: 0.765 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 43 Resp: 3377

Ion	Ratio	Lower	Upper
43	100		
58	6.0	33.1	49.7#



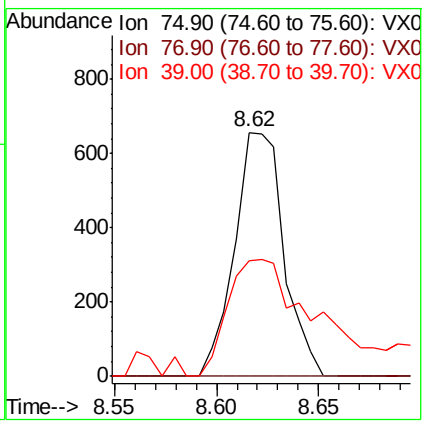


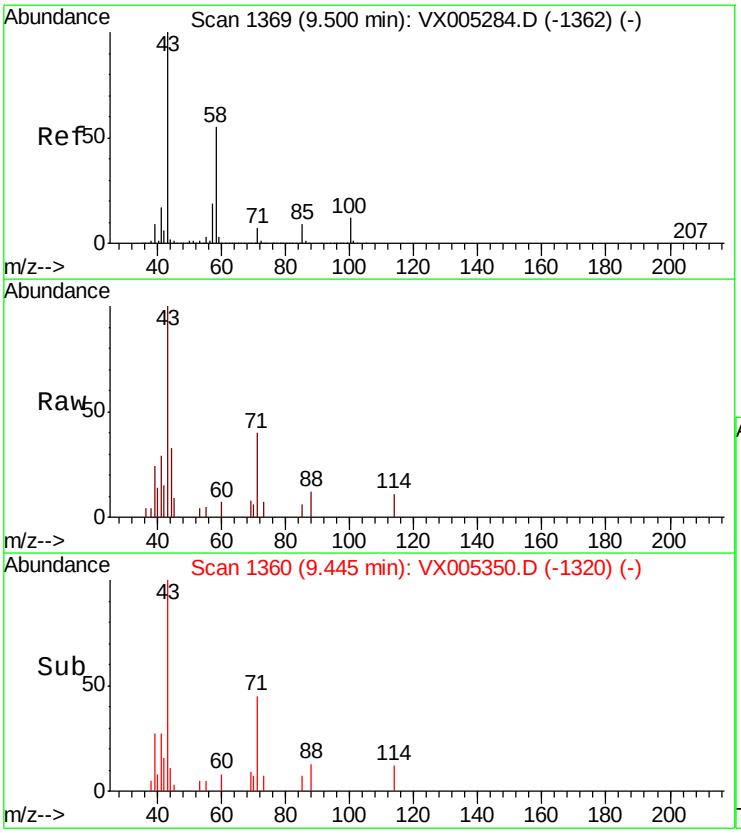
#54
cis-1,3-Dichloropropene
Concen: 0.281 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1102

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	47.4	36.4	54.6

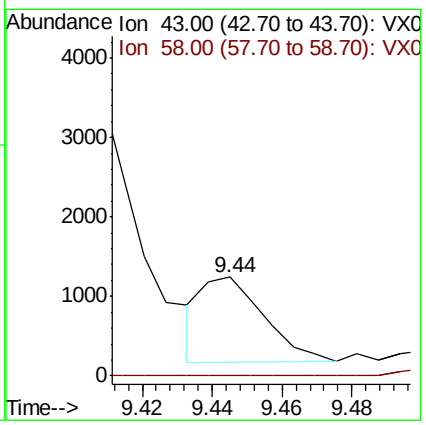


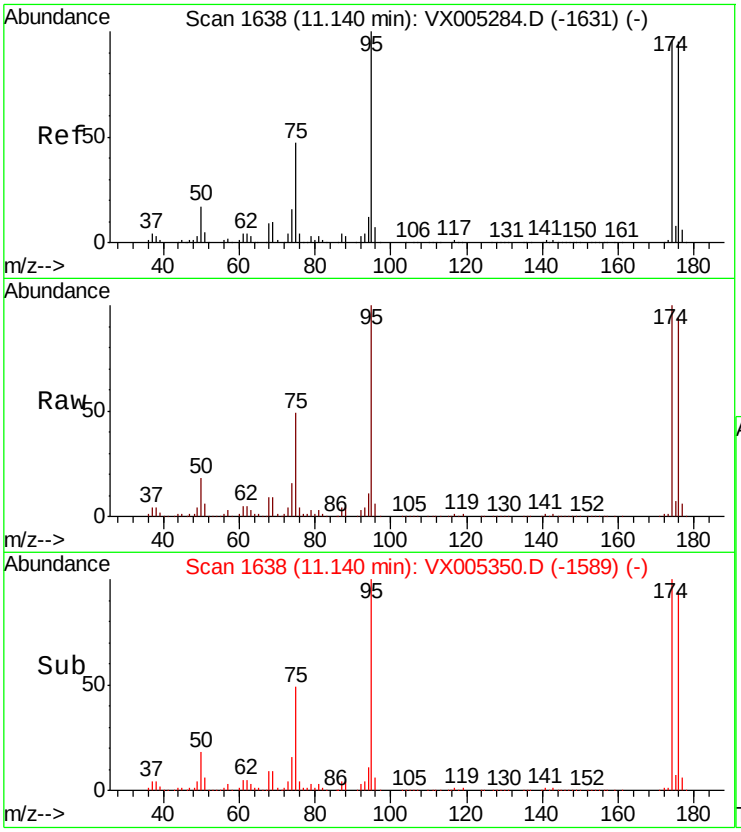


#59
2-Hexanone
Concen: 0.376 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.05 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 43 Resp: 1335

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	87.0#



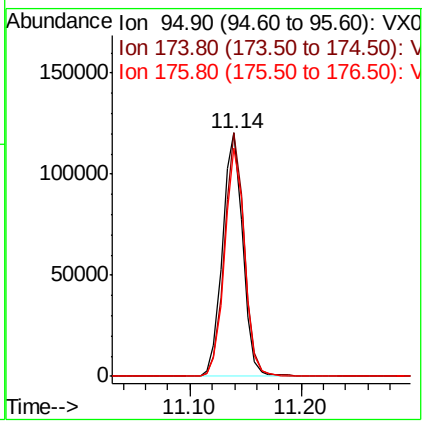


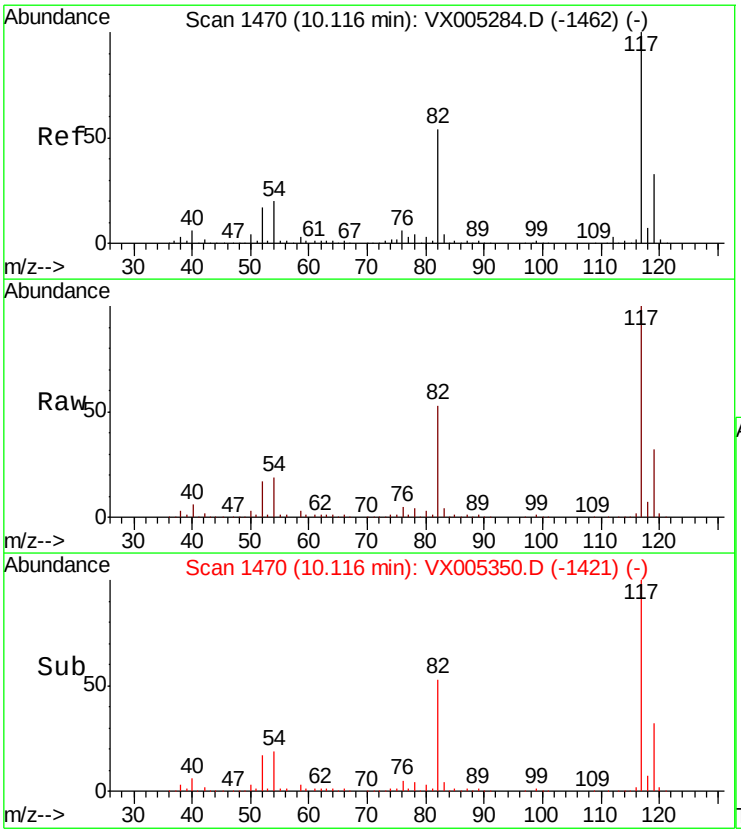
#62
4-Bromofluorobenzene
Concen: 46.268 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 151783

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	185.2
176	92.3	0.0	178.6

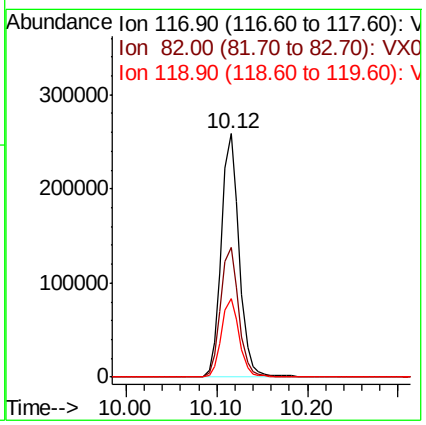


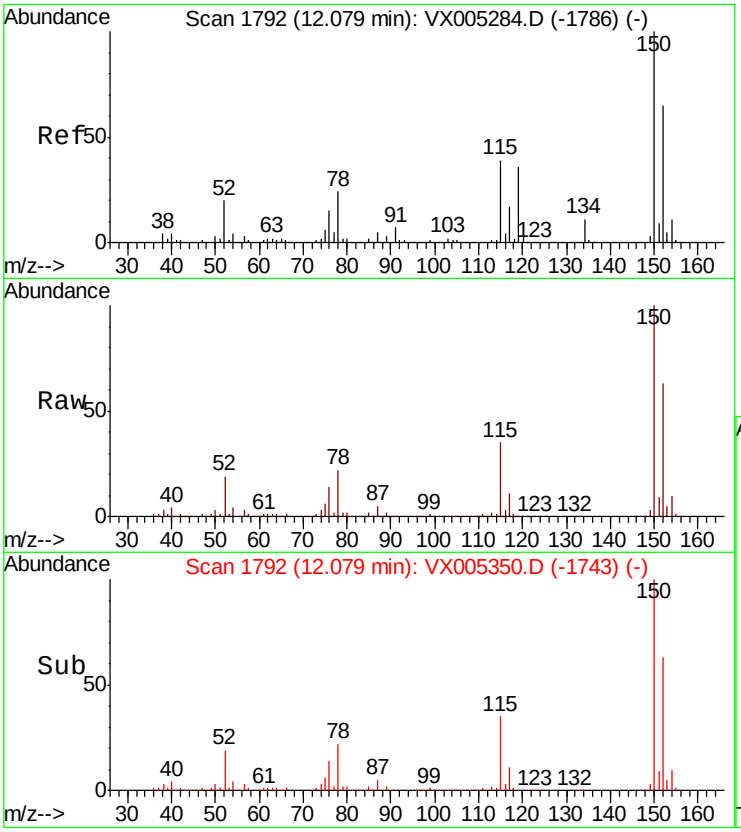


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion:117 Resp: 356289

Ion	Ratio	Lower	Upper
117	100		
82	53.3	47.8	71.6
119	32.2	29.3	43.9



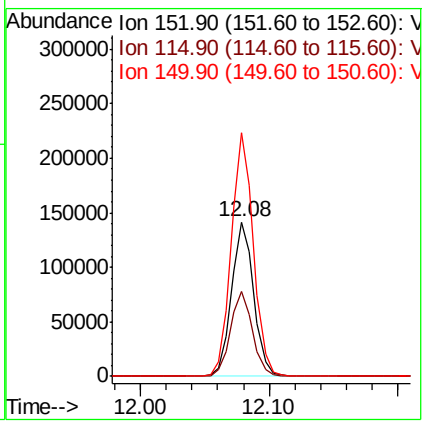


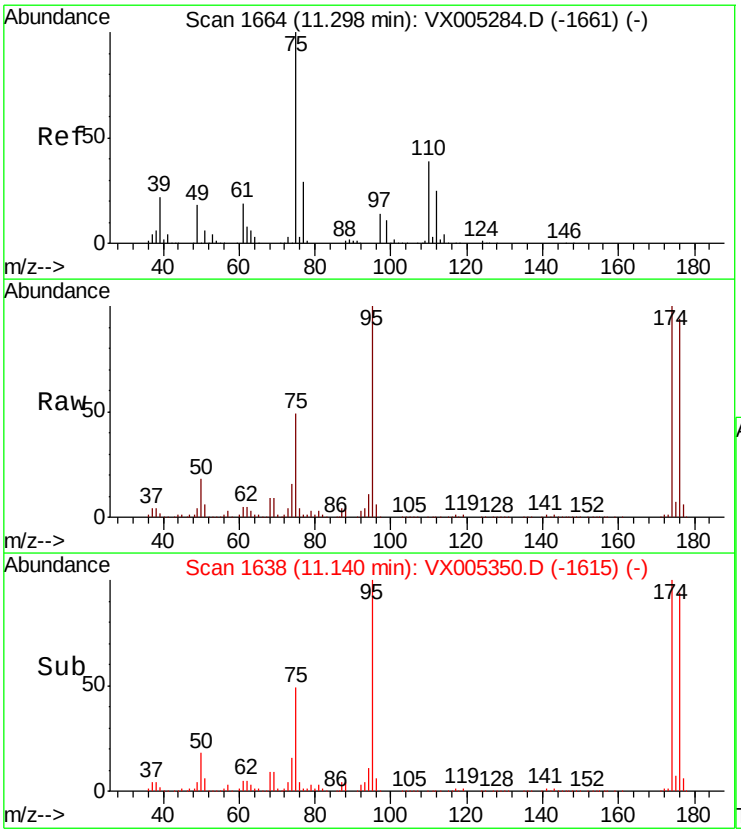
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 169750

Ion	Ratio	Lower	Upper
152	100		
115	54.8	39.0	117.0
150	157.5	0.0	351.0

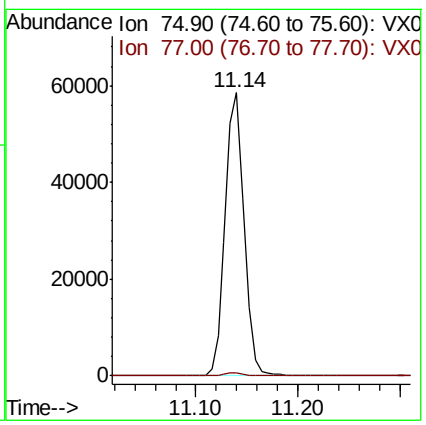


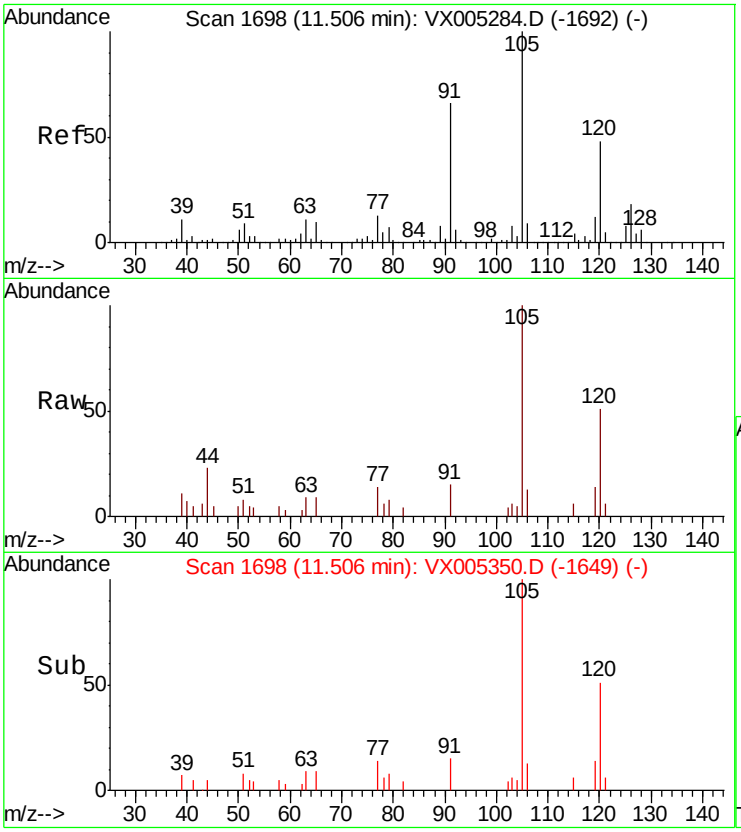


#76
1,2,3-Trichloropropane
Concen: 22.805 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 75 Resp: 75089

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.2	60.6#



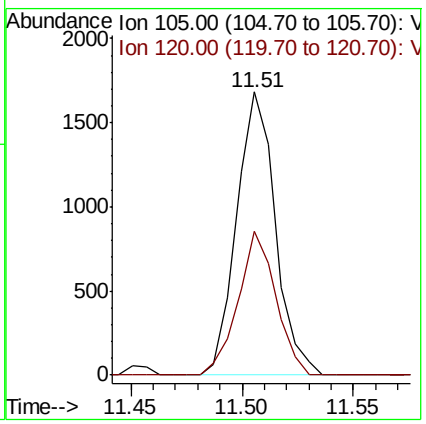


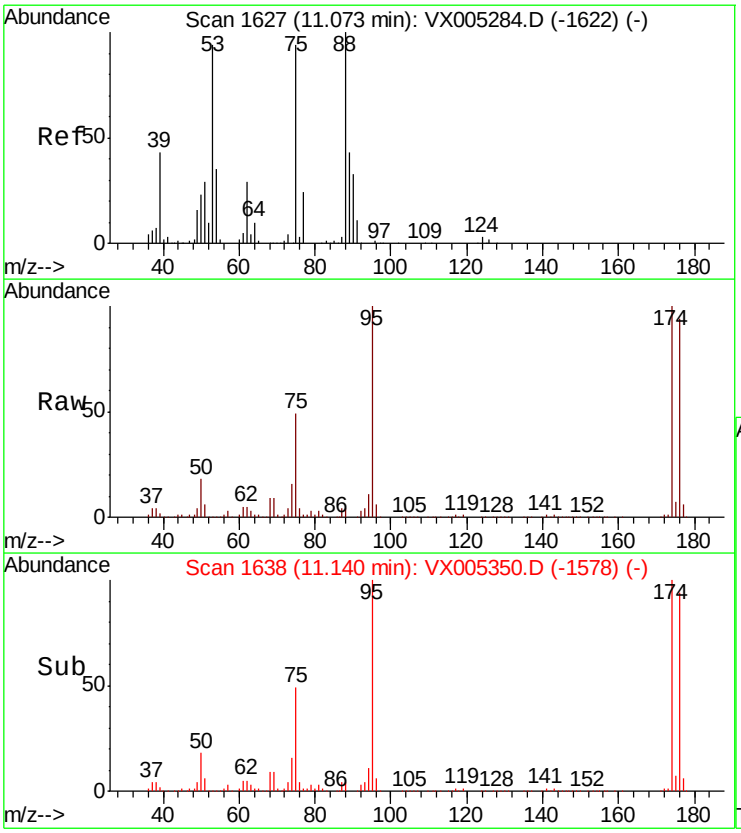
#80
1,3,5-Trimethylbenzene
Concen: 0.236 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2041

Ion	Ratio	Lower	Upper
105	100		
120	49.6	25.6	76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 69.292 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005350.D
Acq: 15 Oct 2018 18:08

Tgt Ion: 75 Resp: 75089

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.1	120.1#
89	0.0	37.2	55.8#