Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Data File : VX004040.D
Acq On : 14 Aug 2018 19:30
Operator : JC/MD
Sample : J4438-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-291-SRI3

Quant Time: Aug 15 09:29:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192106	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.12%		
35) Dibromofluoromethane	5.50	113	164337	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.92%		
50) Toluene-d8	8.72	98	593856	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.40%		
62) 4-Bromofluorobenzene	11.14	95	204630	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.70%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	649	0.207	ug/l	94
5) Bromomethane	1.65	94	911	0.353	ug/l #	78
6) Chloroethane	1.60	64	2333	Below Cal	#	61
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4878	1.647	ug/l	98
10) Methyl Iodide	2.52	142	775	5.231	ug/l #	90
11) Tert butyl alcohol	3.03	59	1343	1.807	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	16201	5.880	ug/l	92
13) Acrolein	2.29	56	101	11.141	ug/l #	79
14) Allyl chloride	2.60	41	6013	1.147	ug/l #	58
16) Acetone	2.44	43	4251	2.216	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	65429	6.740	ug/l	97
20) Methylene Chloride	2.86	84	301	Below Cal	#	84
24) 1,1-Dichloroethane	3.70	63	8775	1.508	ug/l	98
25) 2-Butanone	4.70	43	663	0.212	ug/l #	48
27) cis-1,2-Dichloroethene	4.59	96	4034	1.146	ug/l	89
30) Chloroform	5.21	83	5250	0.924	ug/l	97
36) 1,1-Dichloropropene	5.66	75	17584	3.727	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23812	5.195	ug/l #	14
44) Trichloroethene	7.21	130	48065	12.498	ug/l	92
49) 1,4-Dioxane	7.76	88	46	0.536	ug/l #	59
51) 4-Methyl-2-Pentanone	8.71	43	2522	0.406	ug/l #	1
60) Dibromochloromethane	9.34	129	2894	0.813	ug/l #	11
64) Tetrachloroethene	9.34	164	3261	0.871	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	97740	23.256	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	97740	71.991	ug/l #	9
95) Naphthalene	13.84	128	721	1.192	ug/l #	90

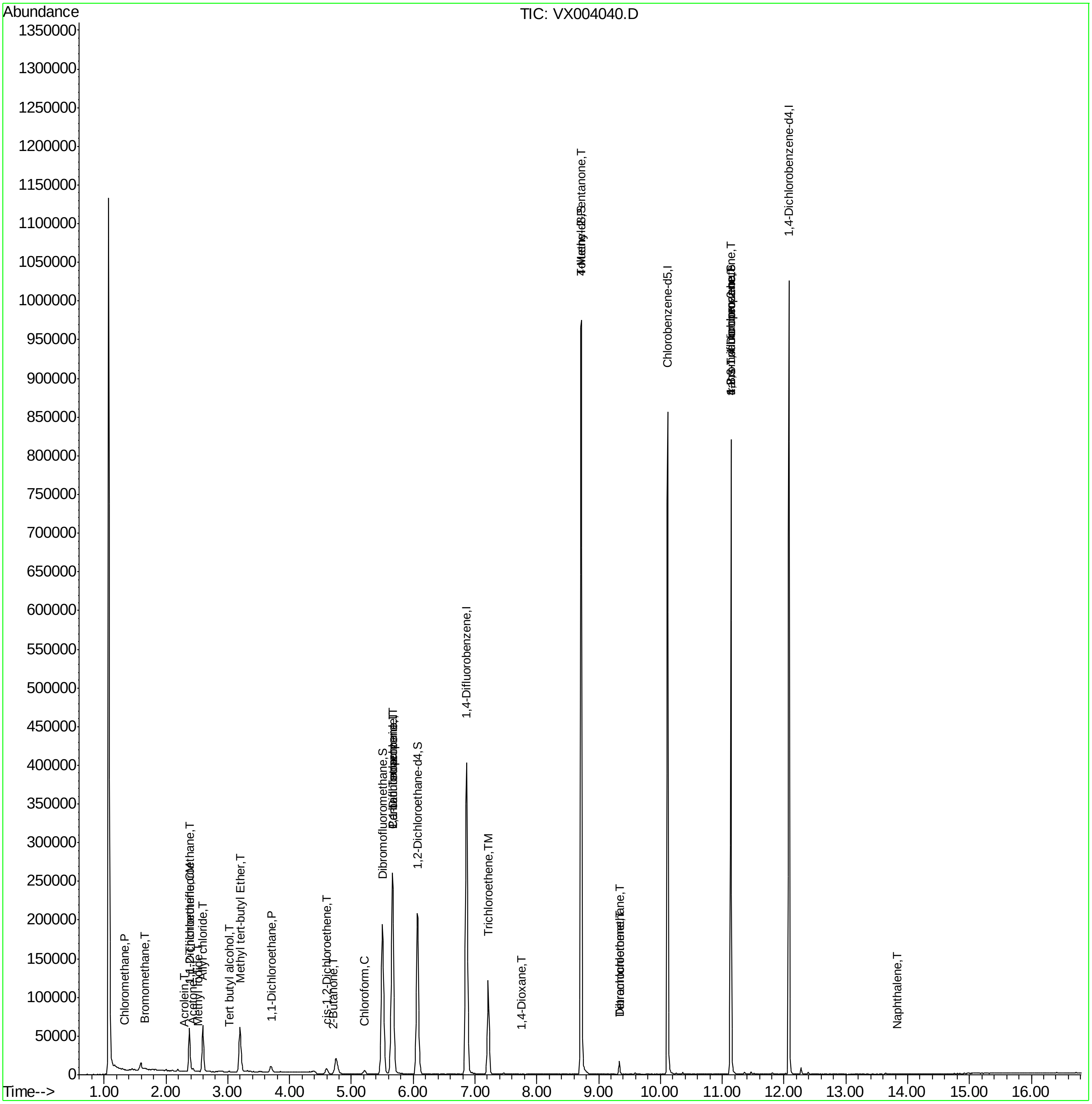
(#) = qualifier out of range (m) = manual integration (+) = signals summed

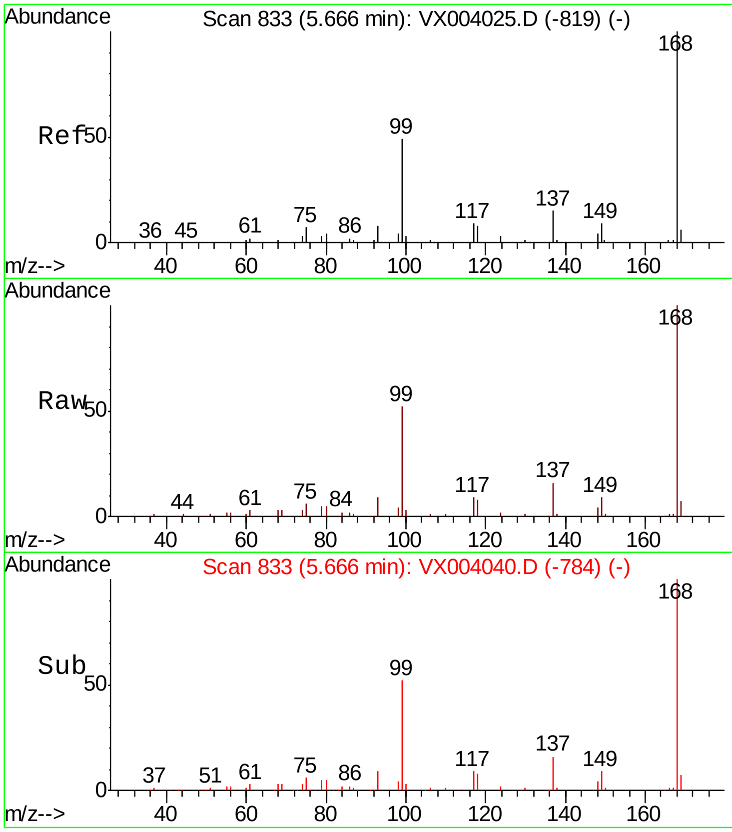
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Data File : VX004040.D
Acq On : 14 Aug 2018 19:30
Operator : JC/MD
Sample : J4438-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

Quant Time: Aug 15 09:29:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration



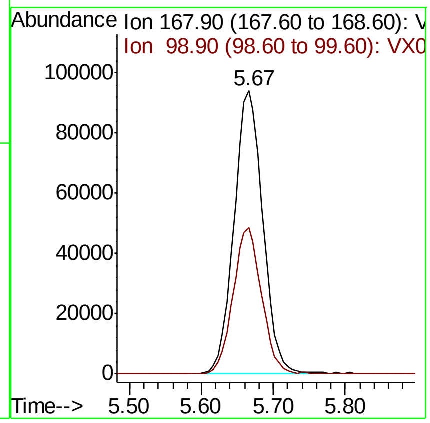


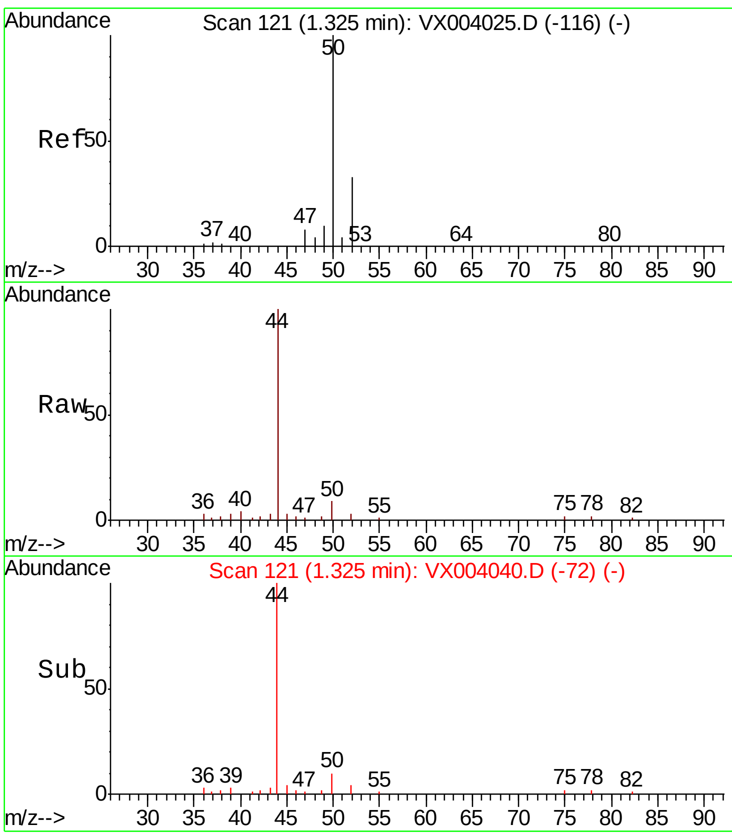
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

Tgt Ion:168 Resp: 261905

Ion	Ratio	Lower	Upper
168	100		
99	51.5	40.1	60.1

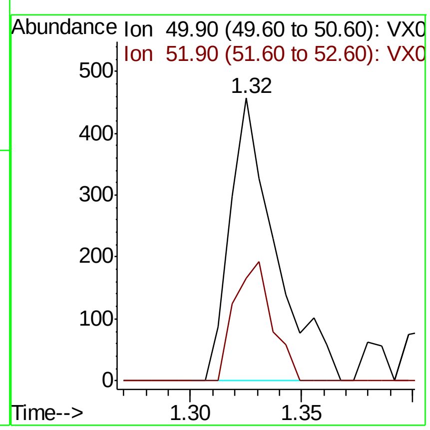


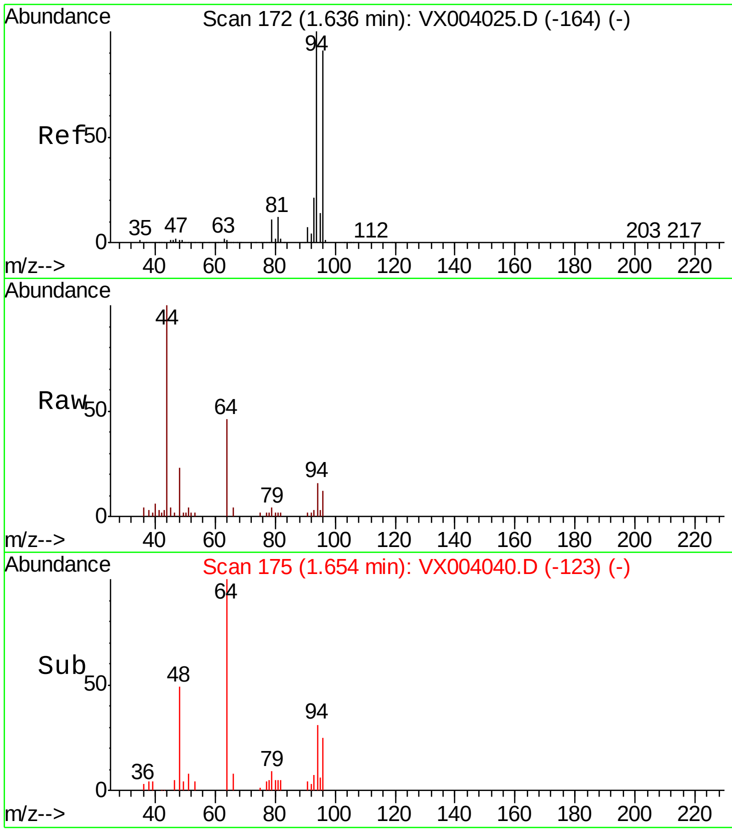


#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 50 Resp: 649

Ion	Ratio	Lower	Upper
50	100		
52	36.3	26.6	39.8



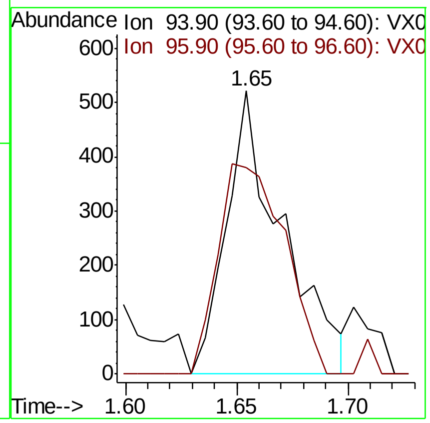


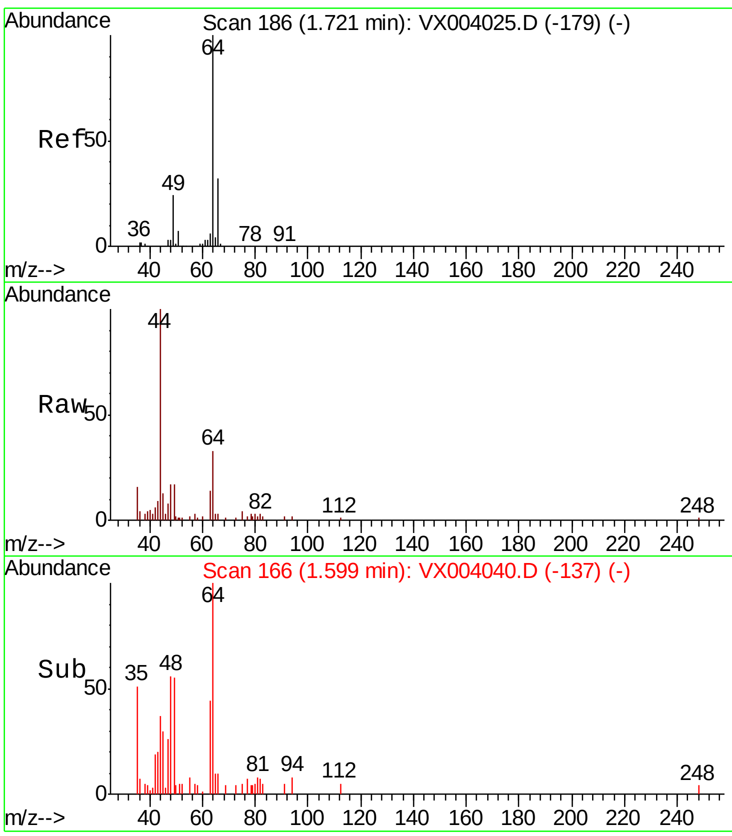
#5
Bromomethane
Concen: 0.353 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

Tgt Ion: 94 Resp: 911

Ion	Ratio	Lower	Upper
94	100		
96	72.9	75.2	112.8#

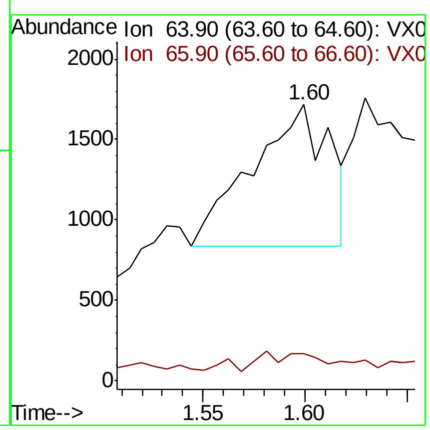


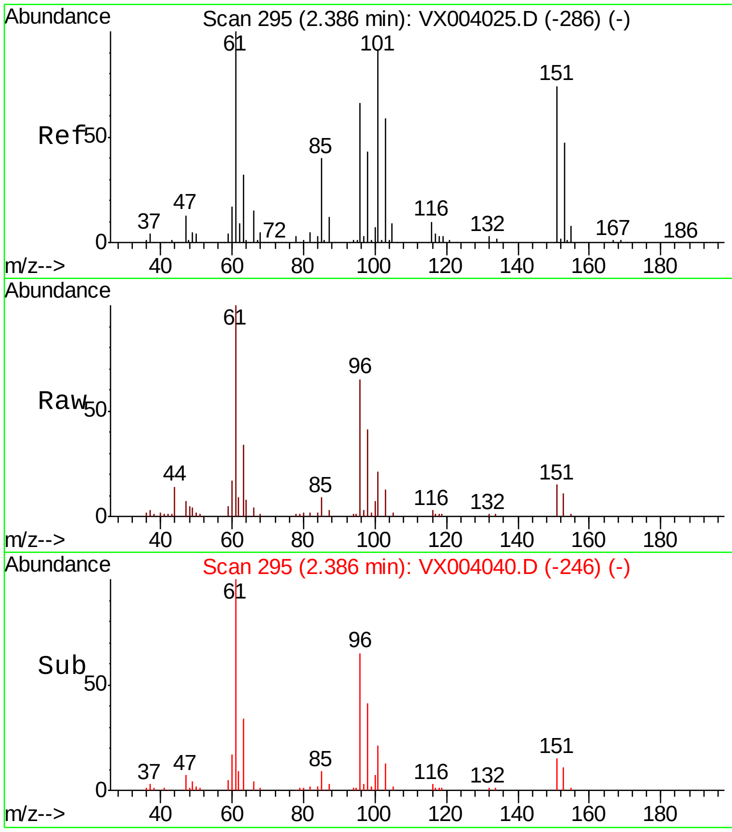


#6
Chloroethane
Concen: Below Cal
RT: 1.60 min Scan# 166
Delta R.T. -0.12 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 64 Resp: 2333

Ion	Ratio	Lower	Upper
64	100		
66	10.8	26.5	39.7#



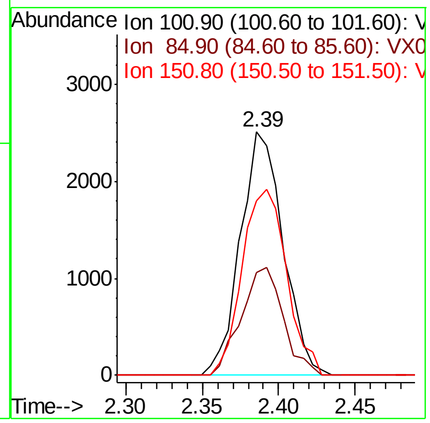


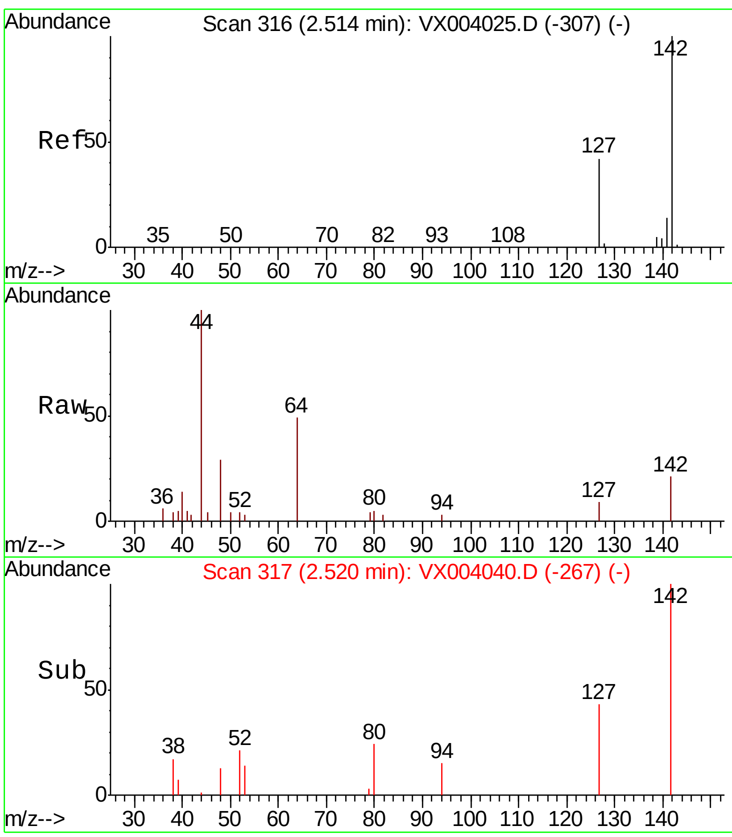
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.647 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

Tgt Ion:101 Resp: 4878

Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.2	51.4
151	79.7	65.0	97.4

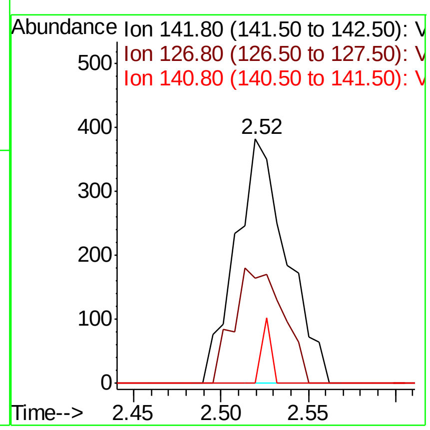


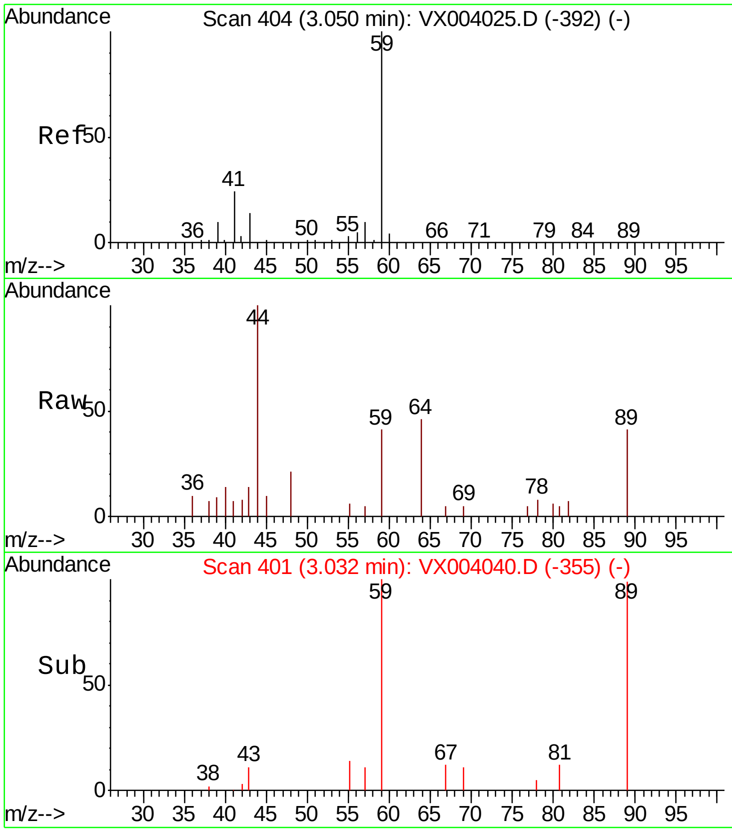


#10
Methyl Iodide
Concen: 5.231 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion:142 Resp: 775

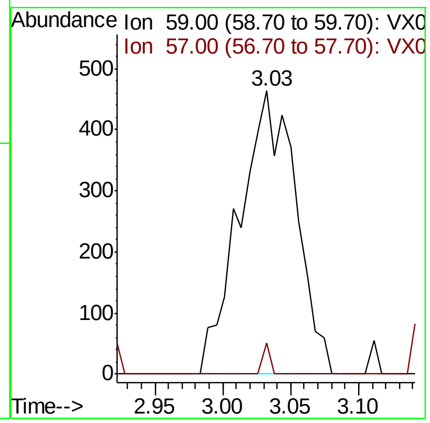
Ion	Ratio	Lower	Upper
142	100		
127	45.4	33.1	49.7
141	4.8	11.1	16.7#

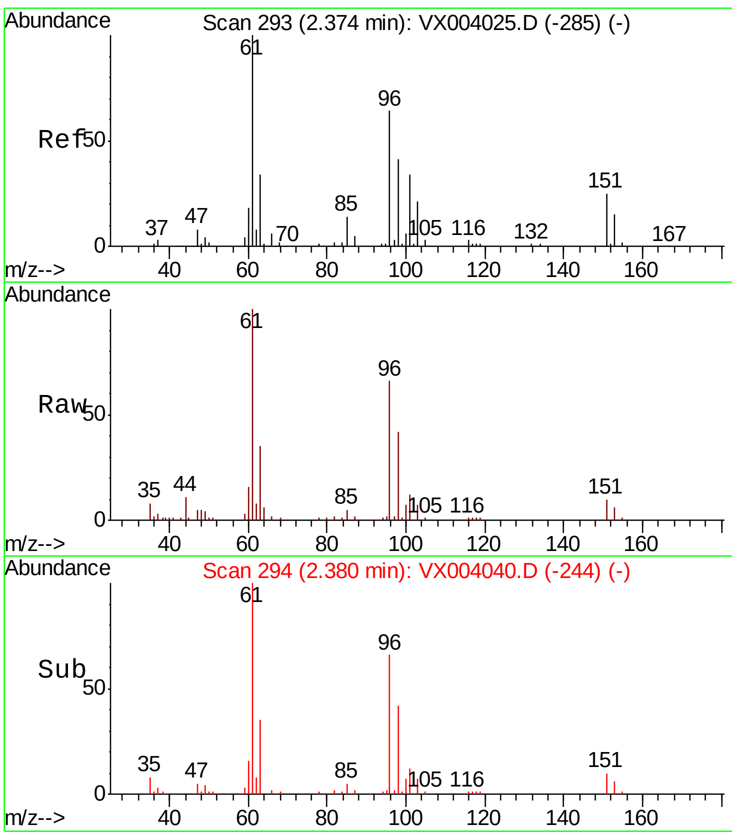




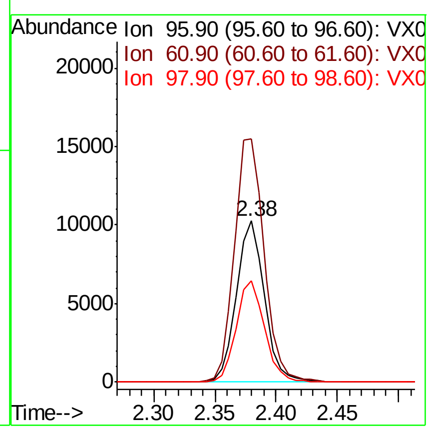

```
#11
Tert butyl alcohol
Concen:    1.807 ug/l
RT: 3.03 min  Scan# 401
Delta R.T.   -0.02 min
Lab File:   VX004040.D
Acq: 14 Aug 2018  19:30

Tgt Ion: 59 Resp:    1343
Ion  Ratio  Lower  Upper
 59  100
 57    0.0    8.1   12.1#
```

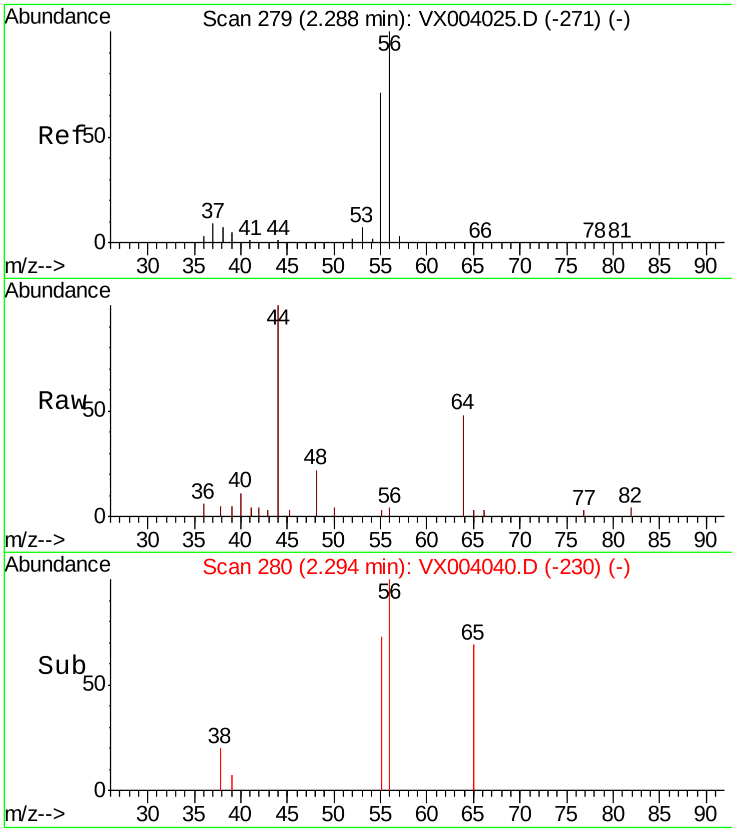
Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3






```
#12
1,1-Dichloroethene
Concen:    5.880 ug/l
RT: 2.38 min  Scan# 294
Delta R.T.    0.01 min
Lab File:   VX004040.D
Acq: 14 Aug 2018  19:30

Tgt Ion: 96 Resp:   16201
Ion  Ratio  Lower  Upper
 96  100
 61  150.9  131.3  196.9
 98   63.0   51.8   77.6
```



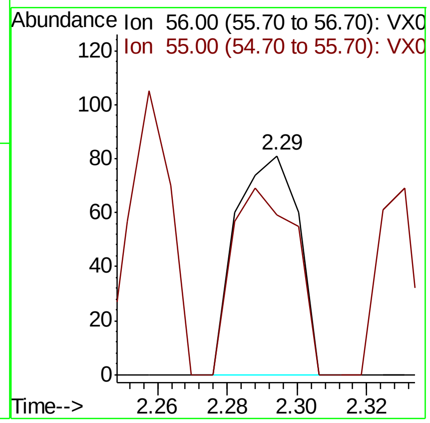


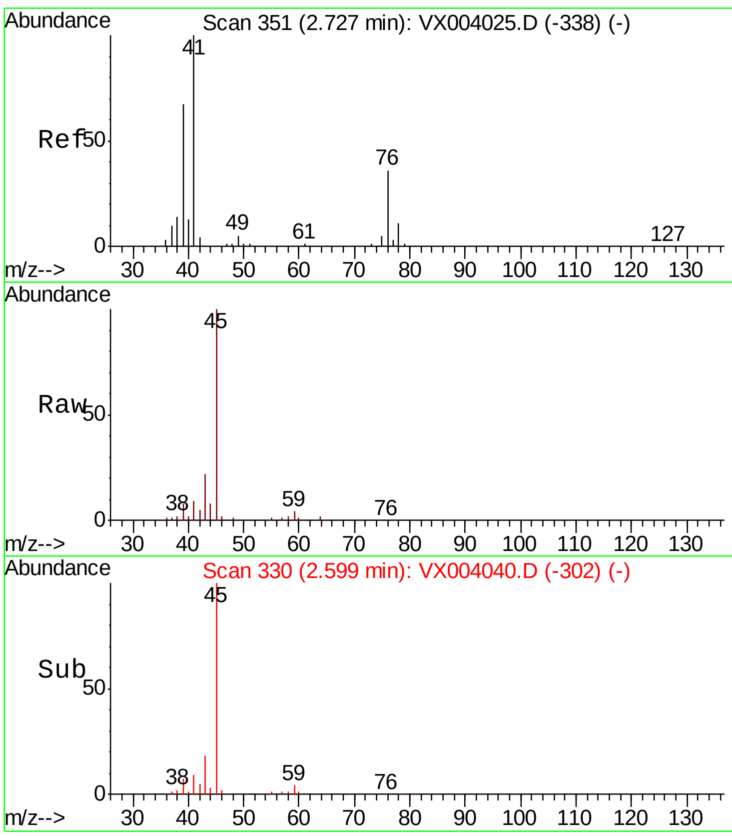
#13
Acrolein
Concen: 11.141 ug/l
RT: 2.29 min Scan# 280
Delta R.T.   0.01 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 56 Resp: 101

Ion	Ratio	Lower	Upper
56	100		
55	87.1	56.1	84.1#

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

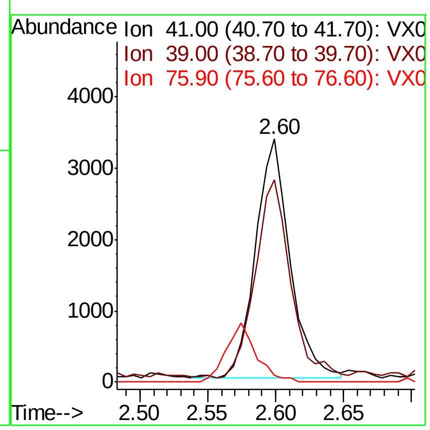




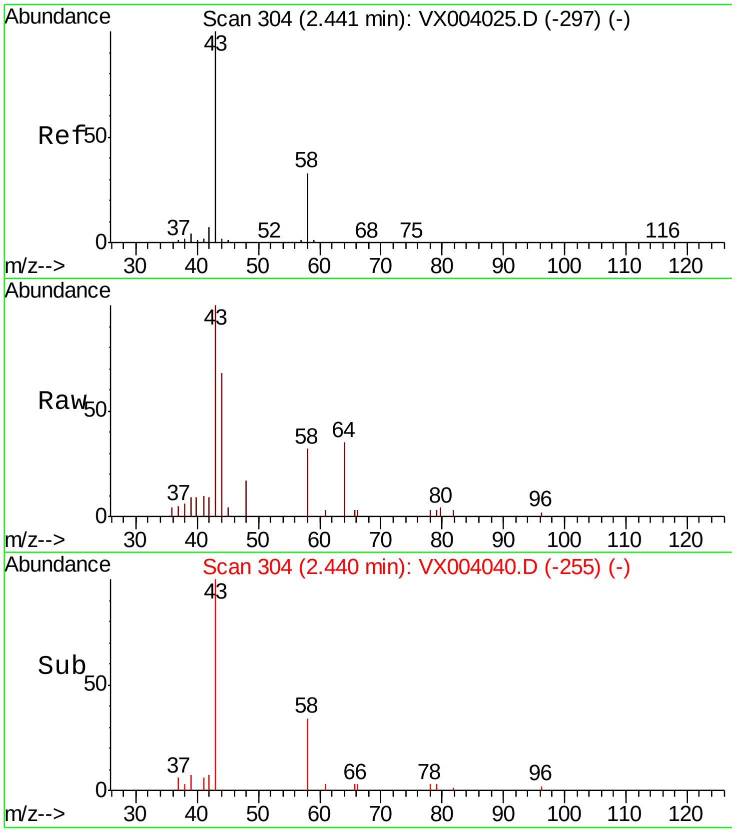
#14
Allyl chloride
Concen: 1.147 ug/l
RT: 2.60 min Scan# 330
Delta R.T.   -0.13 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 41 Resp: 6013

Ion	Ratio	Lower	Upper
41	100		
39	84.1	47.4	71.0#
76	0.0	26.0	39.0#



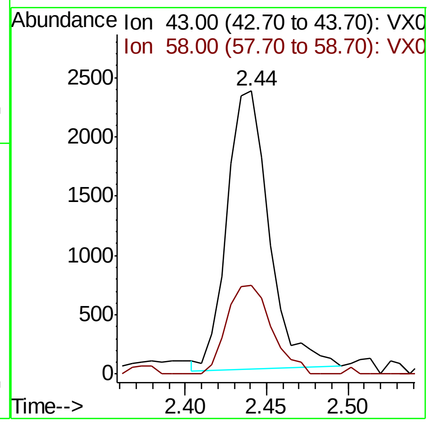
Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

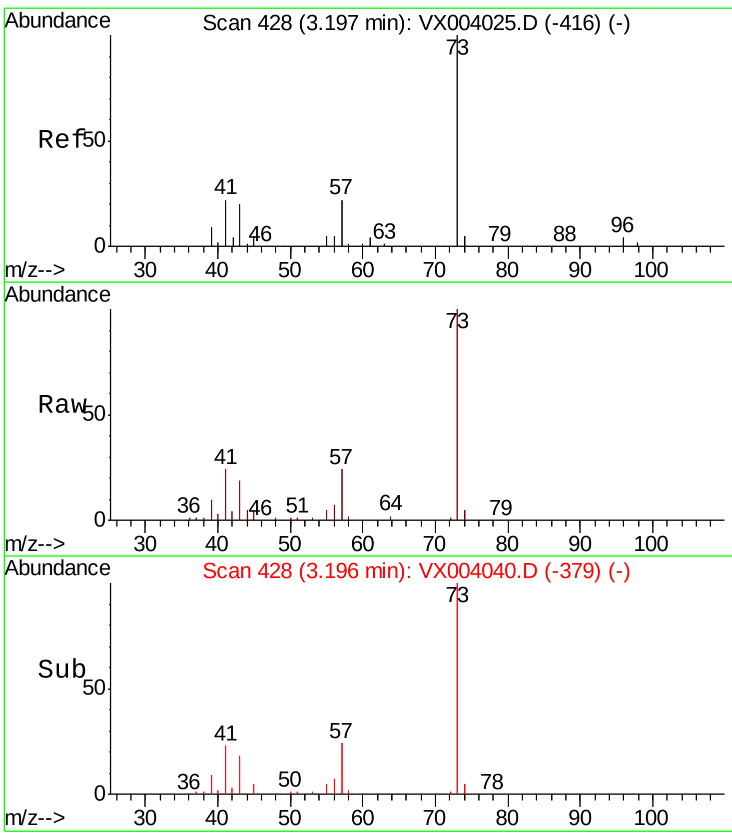


#16
Acetone
Concen: 2.216 ug/l
RT: 2.44 min Scan# 304
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 43 Resp: 4251

Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.4	39.6

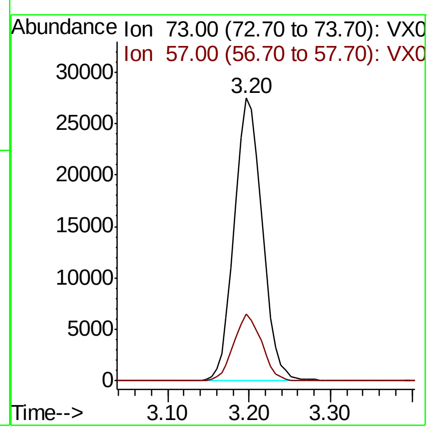


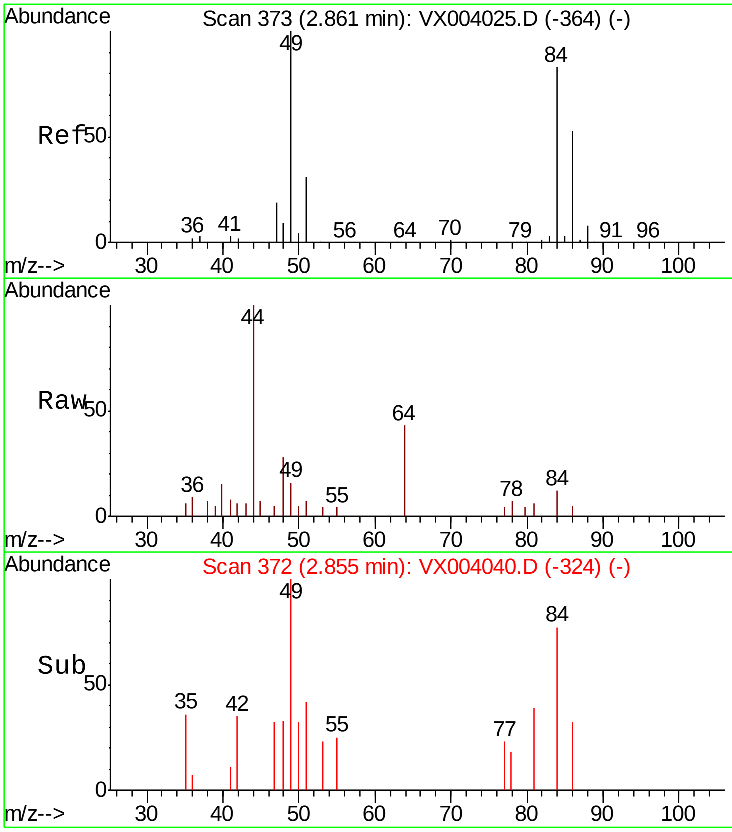


#19
Methyl tert-butyl Ether
Concen: 6.740 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 73 Resp: 65429

Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.0	27.0



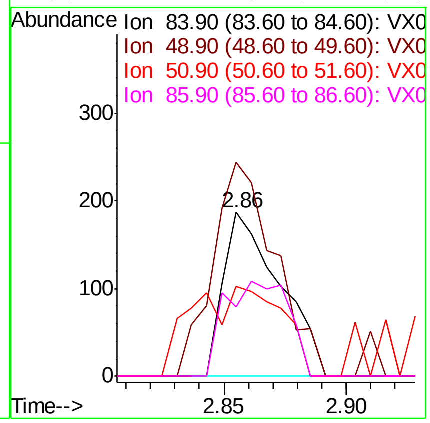


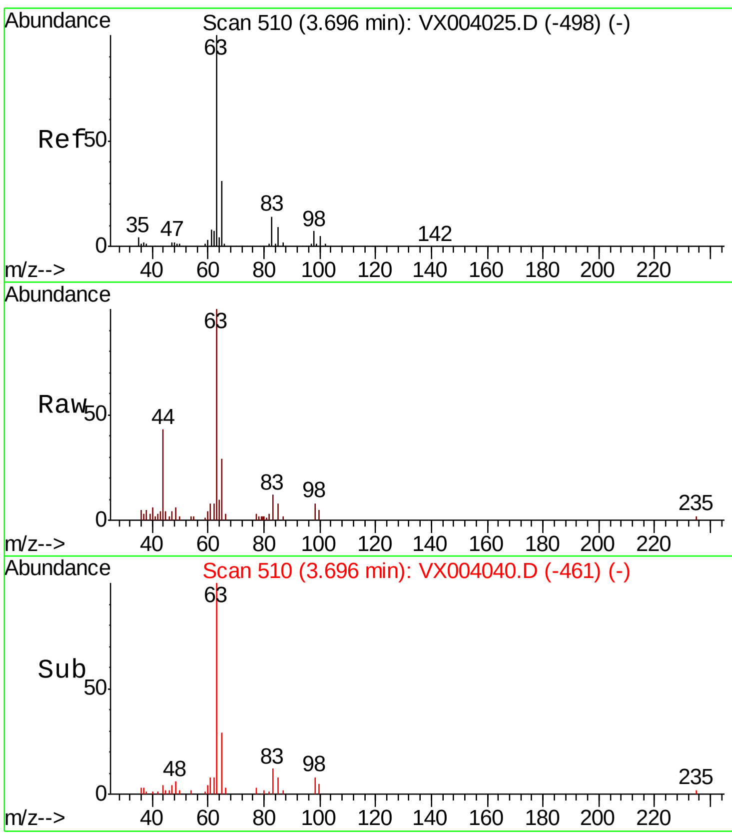
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

Tgt Ion: 84 Resp: 301

Ion	Ratio	Lower	Upper
84	100		
49	130.5	98.9	148.3
51	55.1	29.9	44.9#
86	42.2	51.0	76.6#

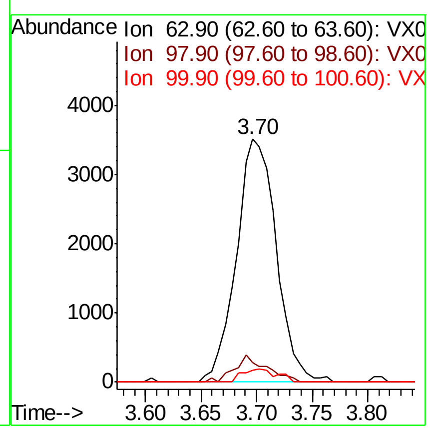




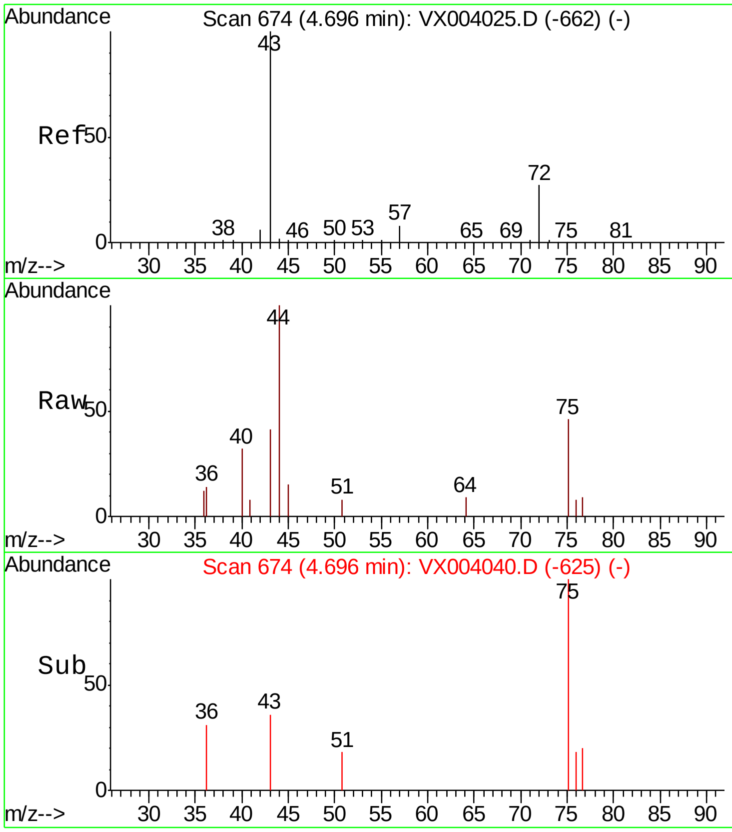
#24
1,1-Dichloroethane
Concen: 1.508 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 63 Resp: 8775

Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.5	10.5
100	4.9	2.3	6.8



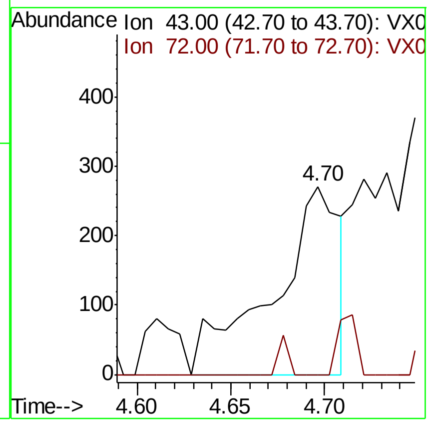
Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

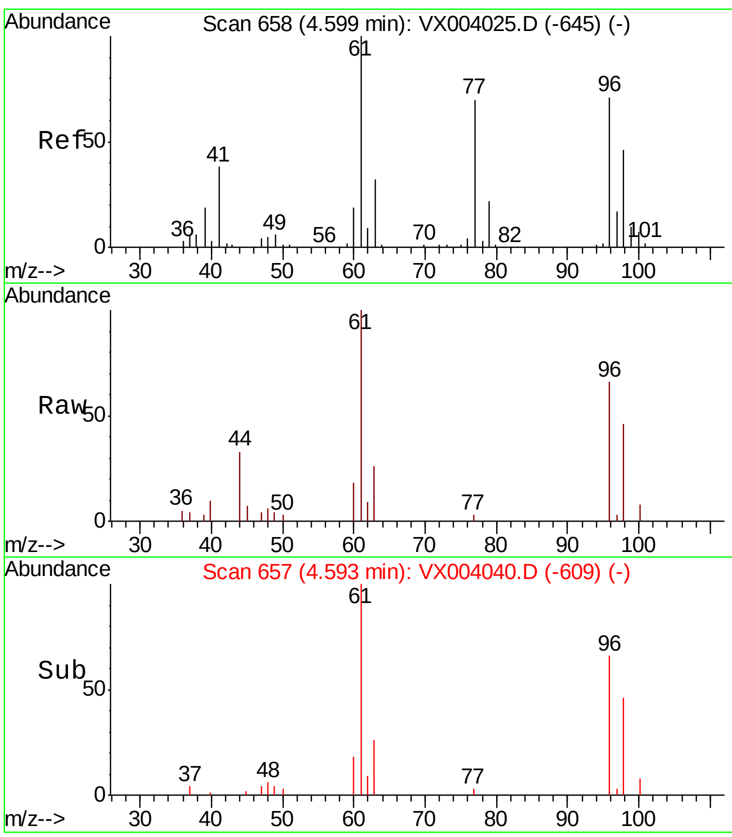


#25
2-Butanone
Concen: 0.212 ug/l
RT: 4.70 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 43 Resp: 663

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.0#

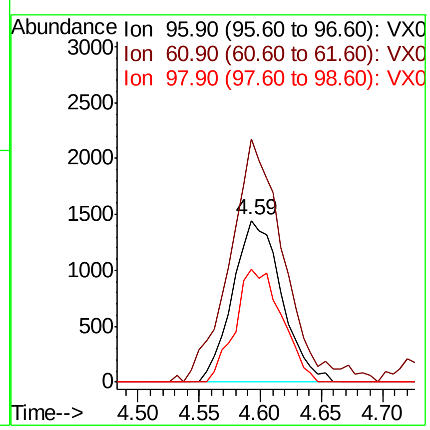


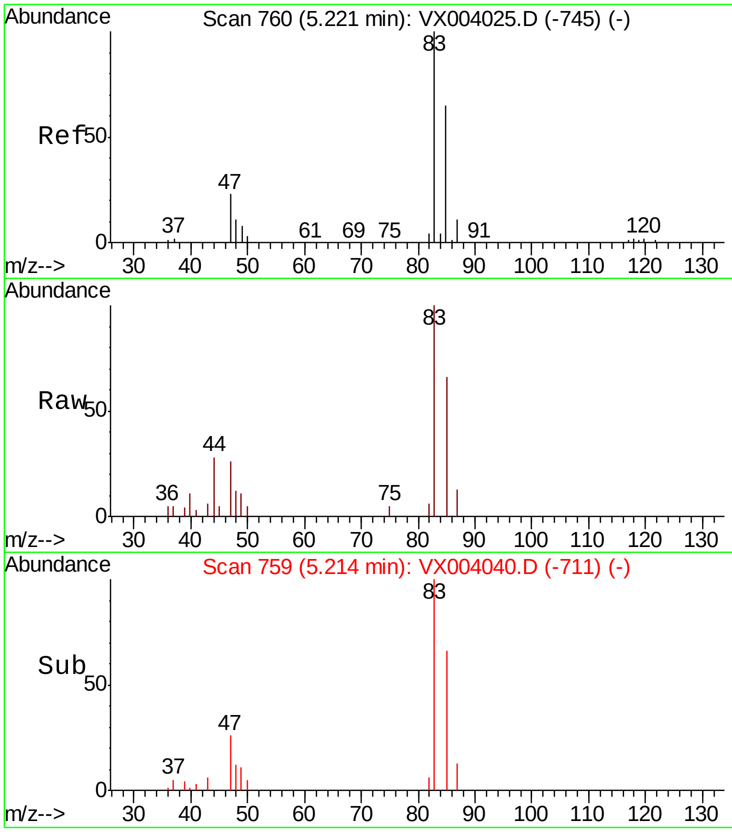


#27
cis-1,2-Dichloroethene
Concen: 1.146 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 96 Resp: 4034

Ion	Ratio	Lower	Upper
96	100		
61	166.5	0.0	293.0
98	66.5	0.0	131.8

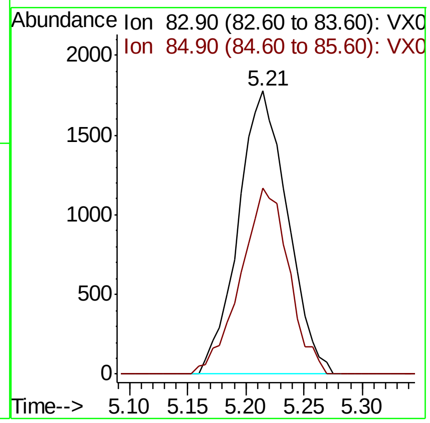


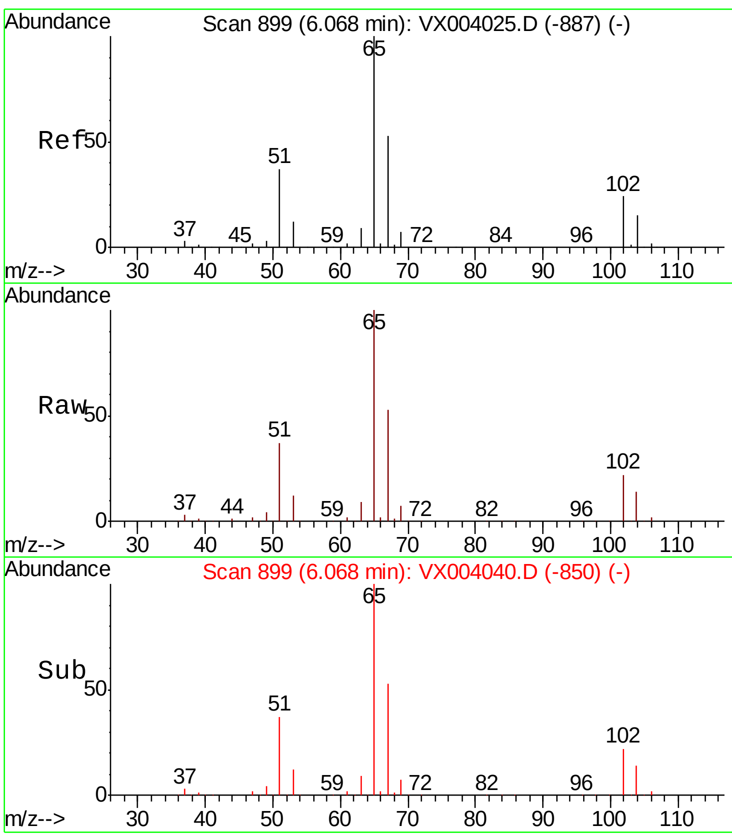


#30
Chloroform
Concen: 0.924 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

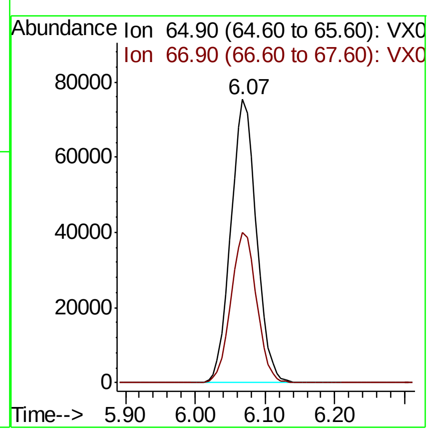
Tgt Ion: 83	Resp:		5250
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.7	76.1

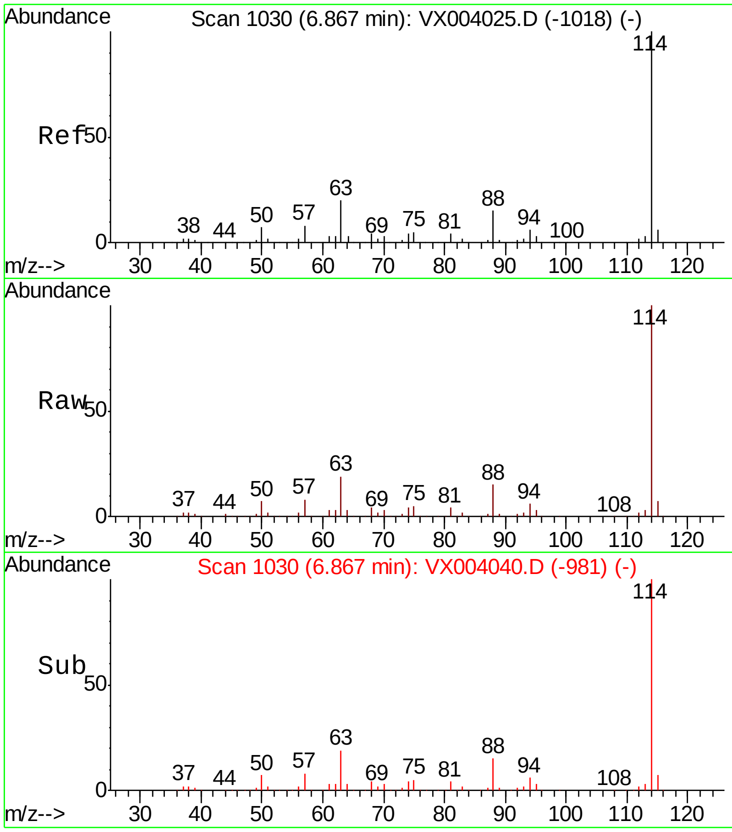




#33
1,2-Dichloroethane-d4
Concen: 52.060 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

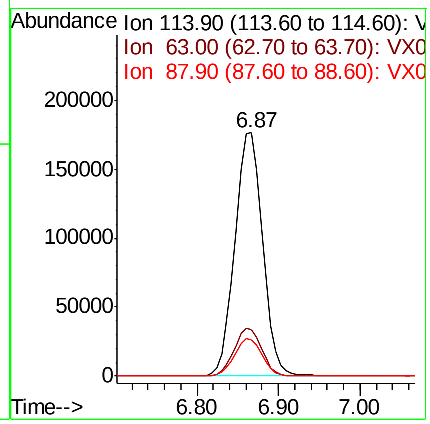
Tgt Ion: 65	Resp:		192106
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.8

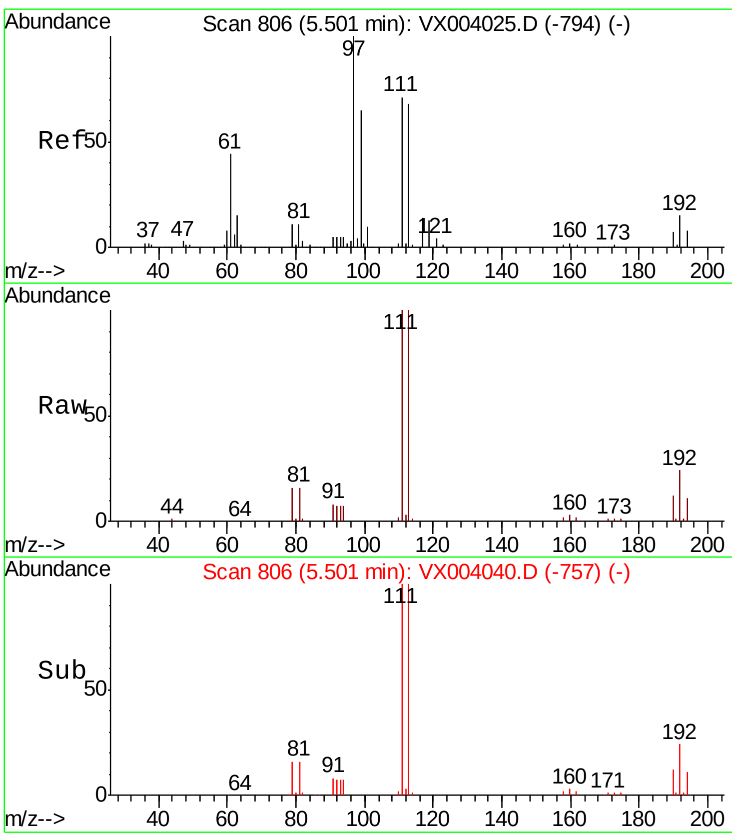




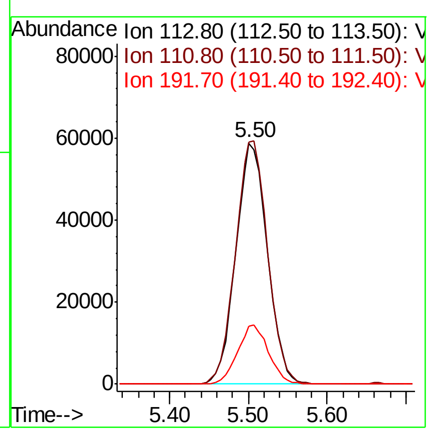

```
#34
1,4-Difluorobenzene
Concen:    50.000 ug/l
RT: 6.87 min   Scan# 1030
Delta R.T.    -0.00 min
Lab File:    VX004040.D
Acq: 14 Aug 2018   19:30

Tgt Ion:114 Resp:   414600
Ion  Ratio  Lower   Upper
114  100
 63   19.2    0.0    39.0
 88   14.9    0.0    32.0
```

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

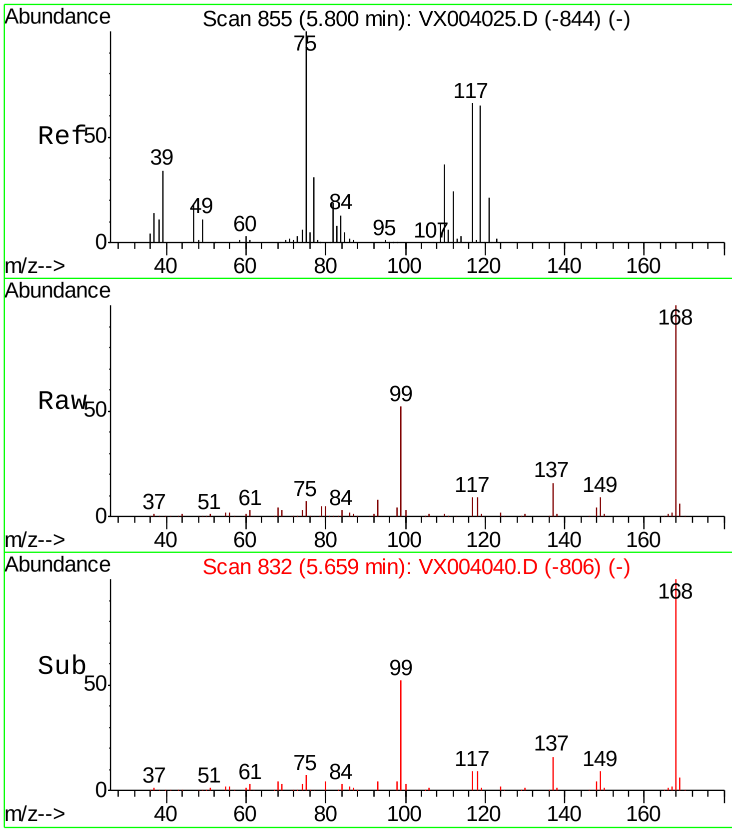




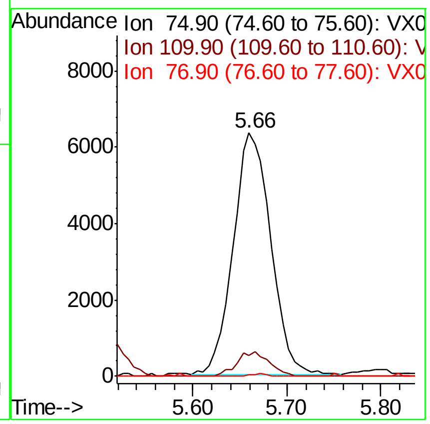

```
#35
Dibromofluoromethane
Concen:    52.962 ug/l
RT: 5.50 min   Scan# 806
Delta R.T.    -0.00 min
Lab File:    VX004040.D
Acq: 14 Aug 2018   19:30

Tgt Ion:113 Resp:   164337
Ion  Ratio  Lower   Upper
113  100
111  102.4   82.0   123.0
192   24.0   19.0    28.4
```

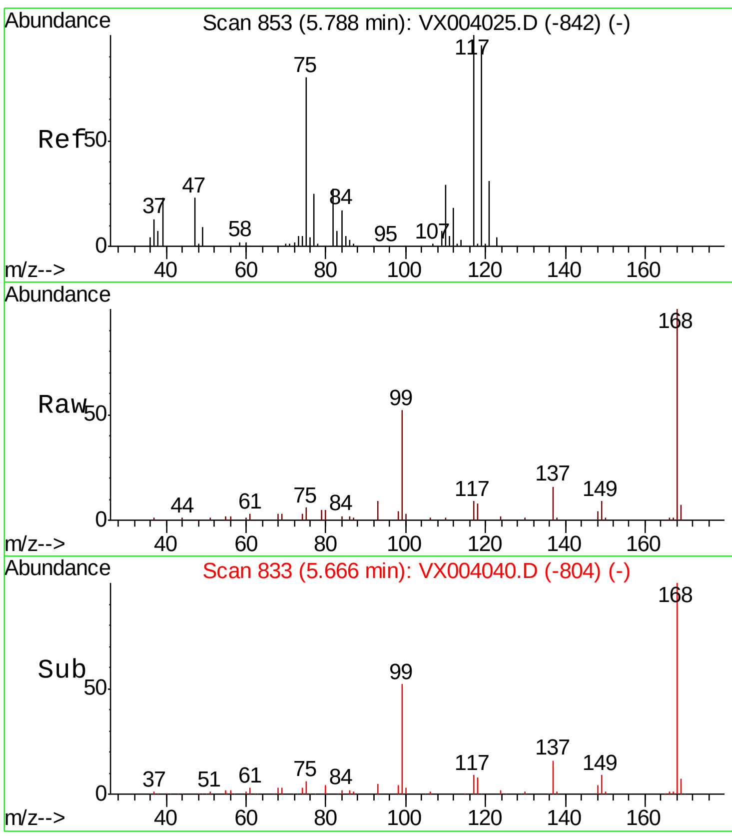


Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

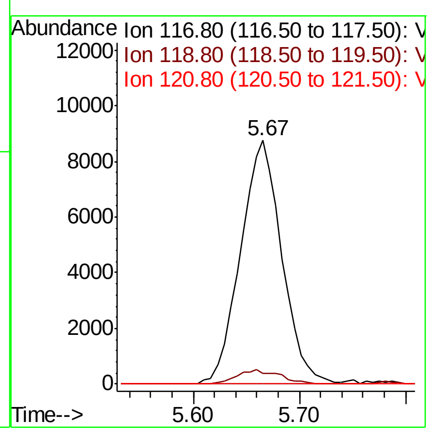


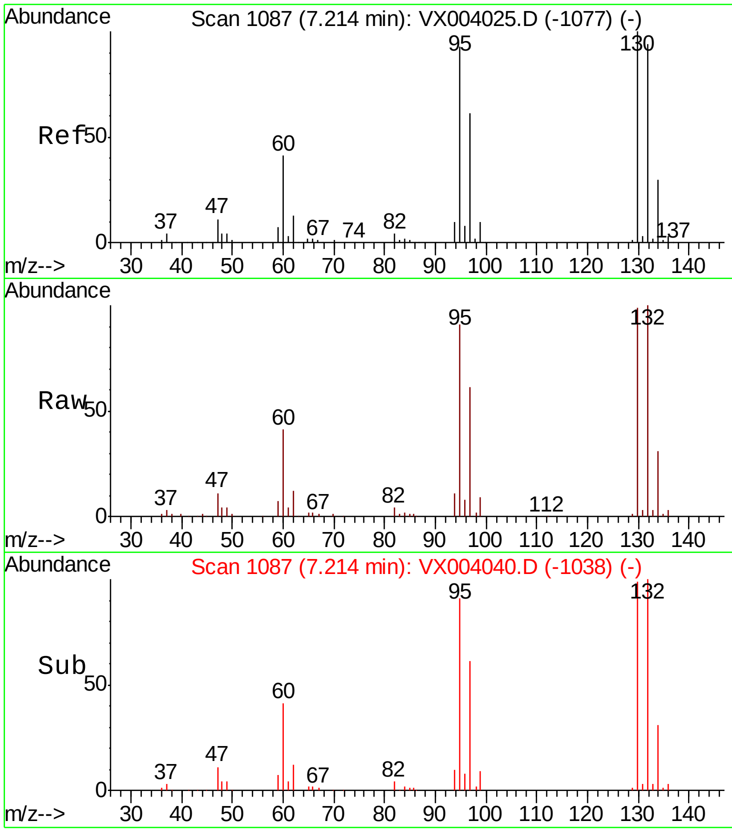

```
#36
1,1-Dichloropropene
Concen:    3.727 ug/l
RT: 5.66 min  Scan# 832
Delta R.T.   -0.14 min
Lab File:   VX004040.D
Acq: 14 Aug 2018  19:30

Tgt Ion: 75 Resp:   17584
Ion  Ratio  Lower  Upper
 75  100
110    9.0   18.2   54.6#
 77    0.5   25.0   37.4#
```






```
#38
Carbon Tetrachloride
Concen:    5.195 ug/l
RT: 5.67 min  Scan# 833
Delta R.T.   -0.12 min
Lab File:   VX004040.D
Acq: 14 Aug 2018  19:30

Tgt Ion:117 Resp:   23812
Ion  Ratio  Lower  Upper
117  100
119    4.2   79.5  119.3#
121    0.0   25.0   37.4#
```



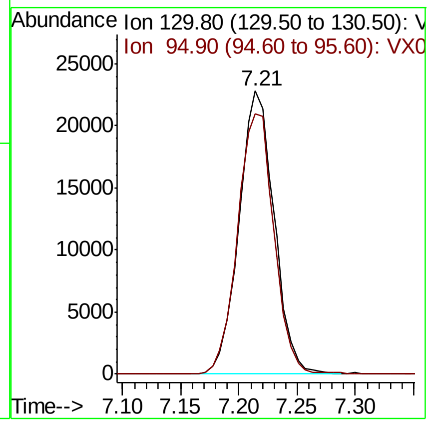


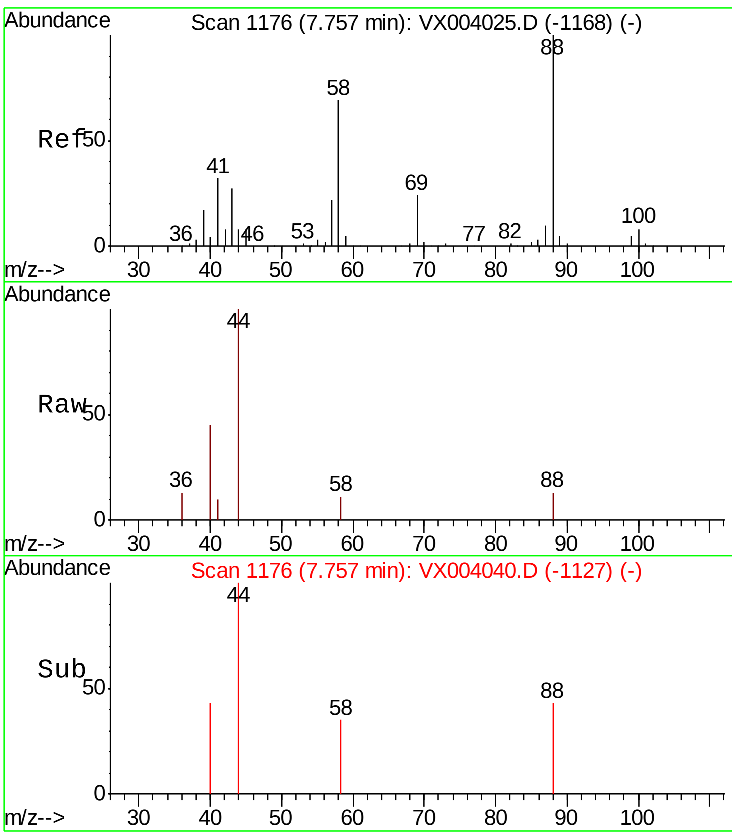
#44
Trichloroethene
Concen: 12.498 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

Tgt Ion:130 Resp: 48065

Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	199.4

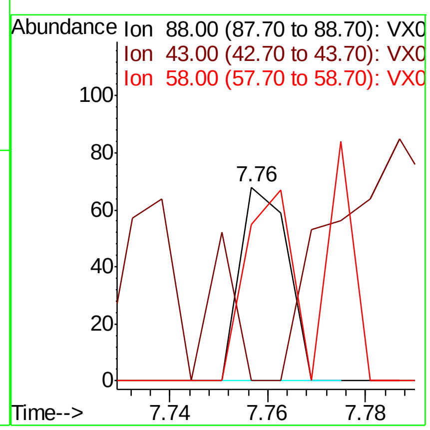


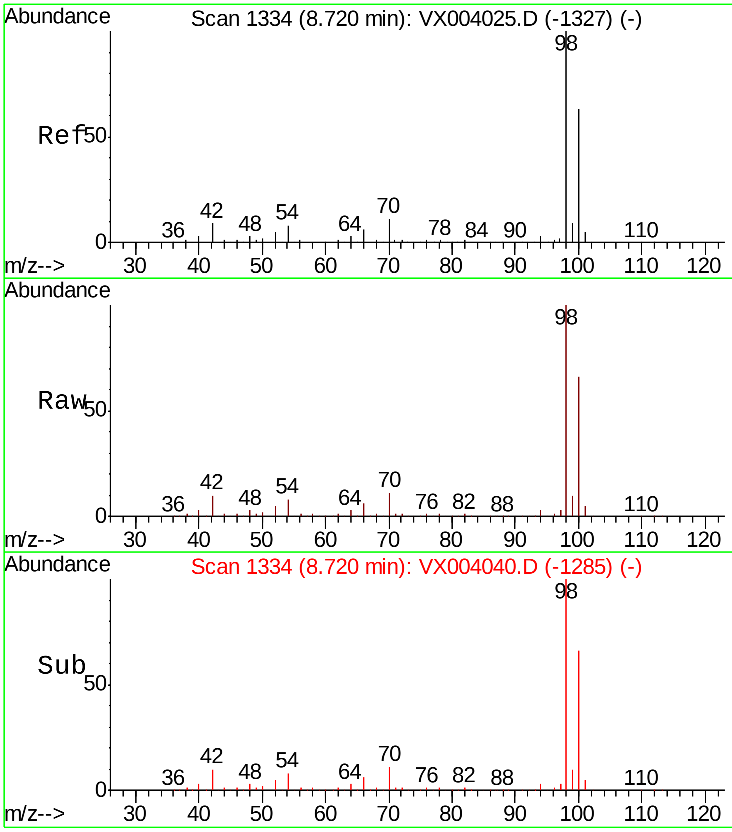


#49
1,4-Dioxane
Concen: 0.536 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 88 Resp: 46

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	97.8	55.4	83.0#



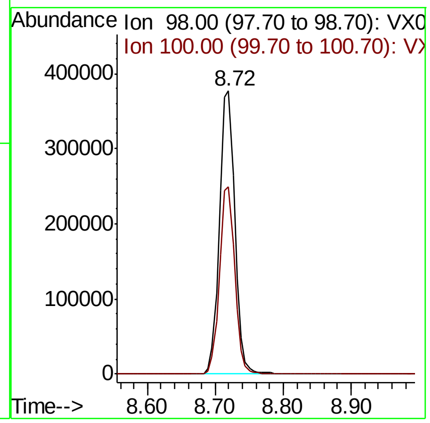


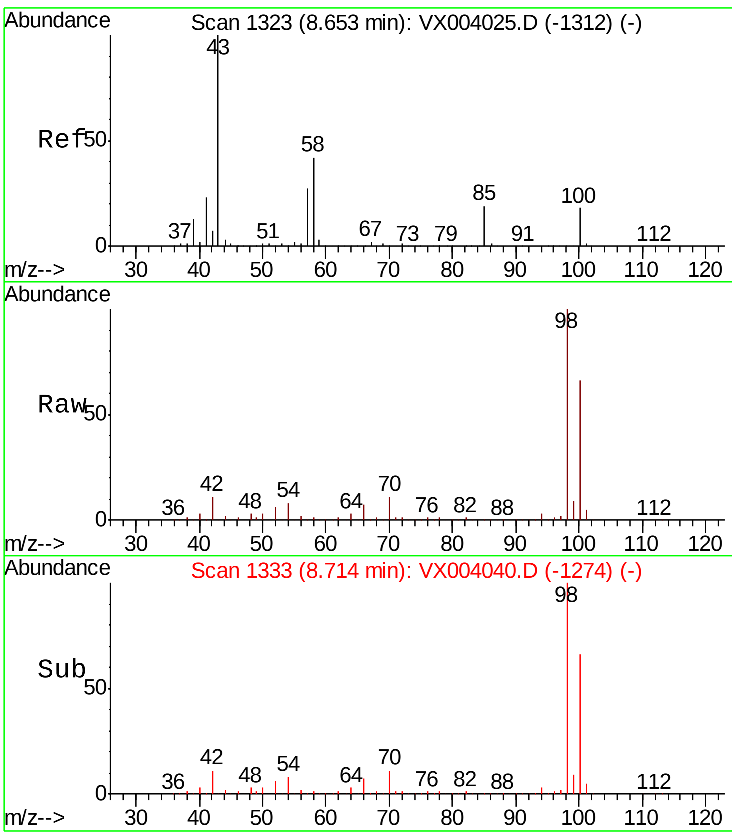
#50
Toluene-d8
Concen: 47.204 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Instrument : MSVOA_X
ClientSampleId : MW-291-SRI3

Tgt Ion: 98 Resp: 593856

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.3	79.9

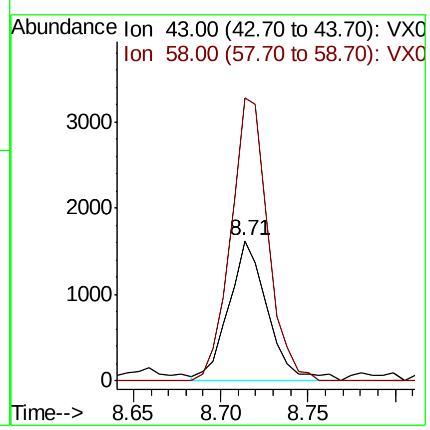


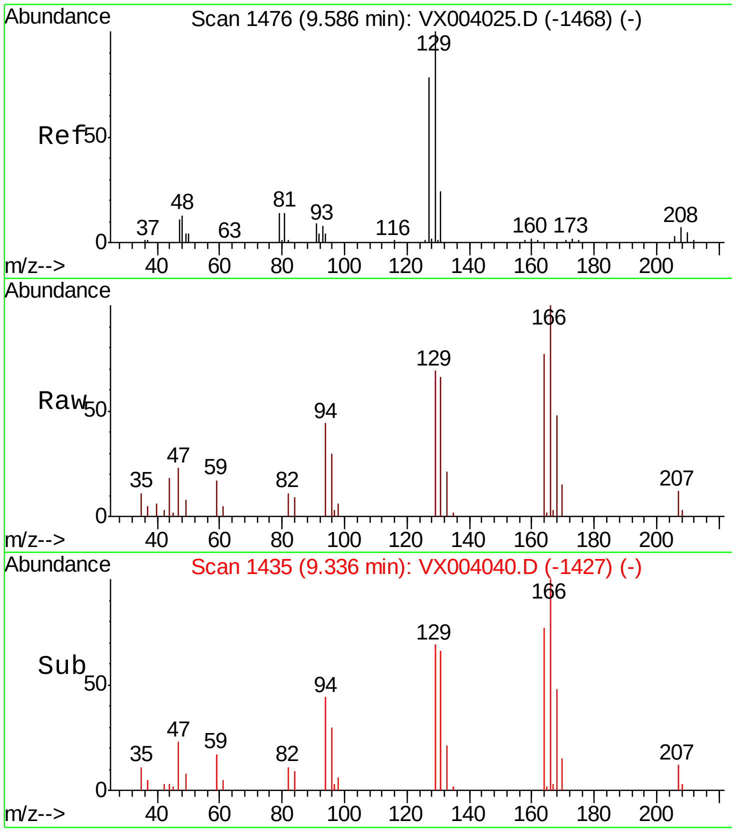


#51
4-Methyl-2-Pentanone
Concen: 0.406 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.06 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion: 43 Resp: 2522

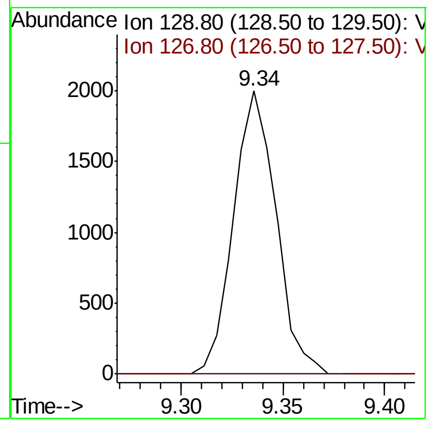
Ion	Ratio	Lower	Upper
43	100		
58	191.8	33.0	49.6#

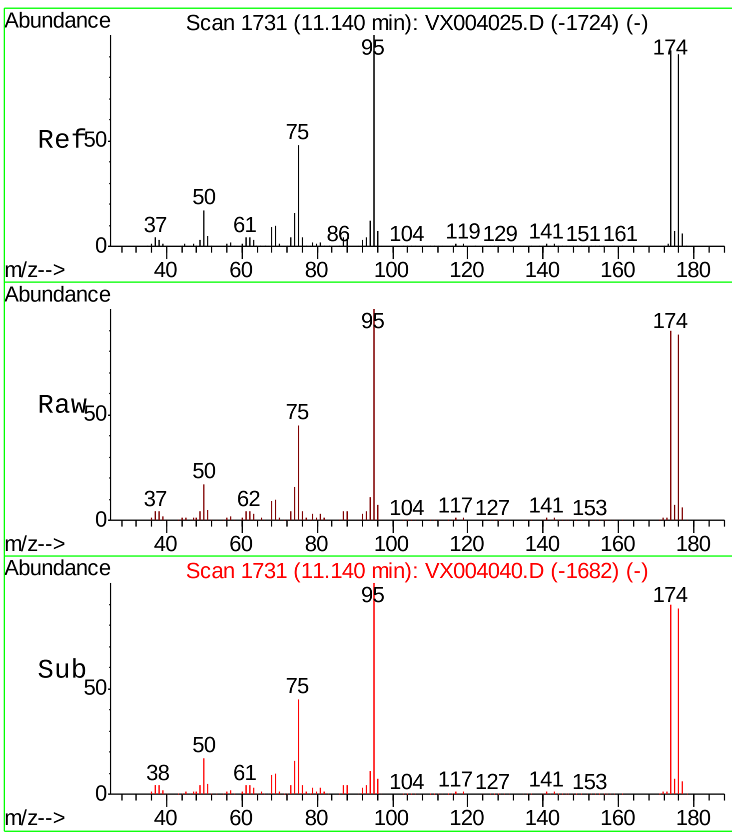




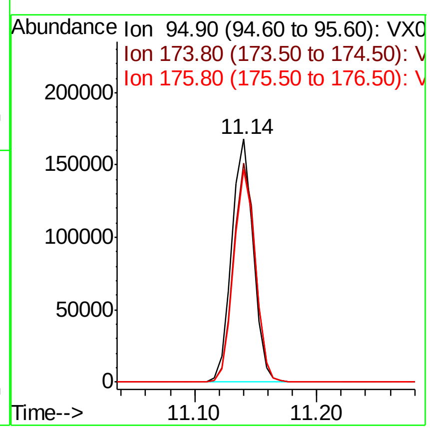

```
#60
Dibromochloromethane
Concen:    0.813 ug/l
RT: 9.34 min  Scan# 1435
Delta R.T.   -0.25 min
Lab File:   VX004040.D
Acq: 14 Aug 2018  19:30

Tgt Ion:129 Resp:    2894
Ion  Ratio  Lower  Upper
129  100
127    0.0   38.8  116.3#
```

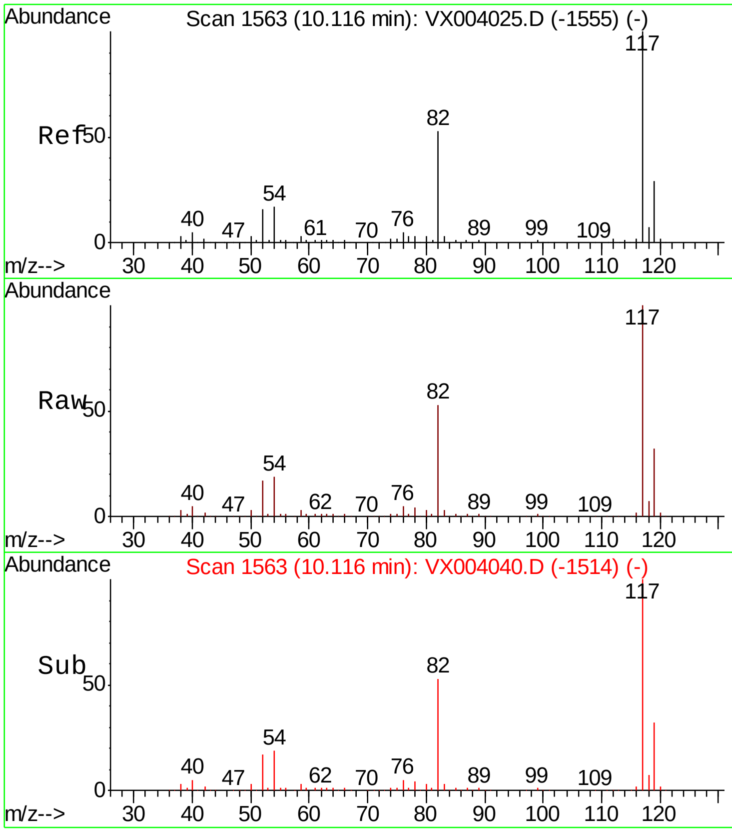
Instrument : MSVOA_X
ClientSampleId : MW-291-SRI3






```
#62
4-Bromofluorobenzene
Concen:   44.846 ug/l
RT: 11.14 min  Scan# 1731
Delta R.T.   -0.00 min
Lab File:   VX004040.D
Acq: 14 Aug 2018  19:30

Tgt Ion: 95 Resp:  204630
Ion  Ratio  Lower  Upper
 95  100
174   91.0    0.0  182.8
176   87.9    0.0  179.0
```



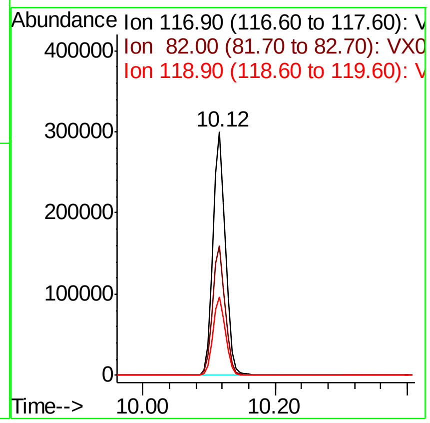


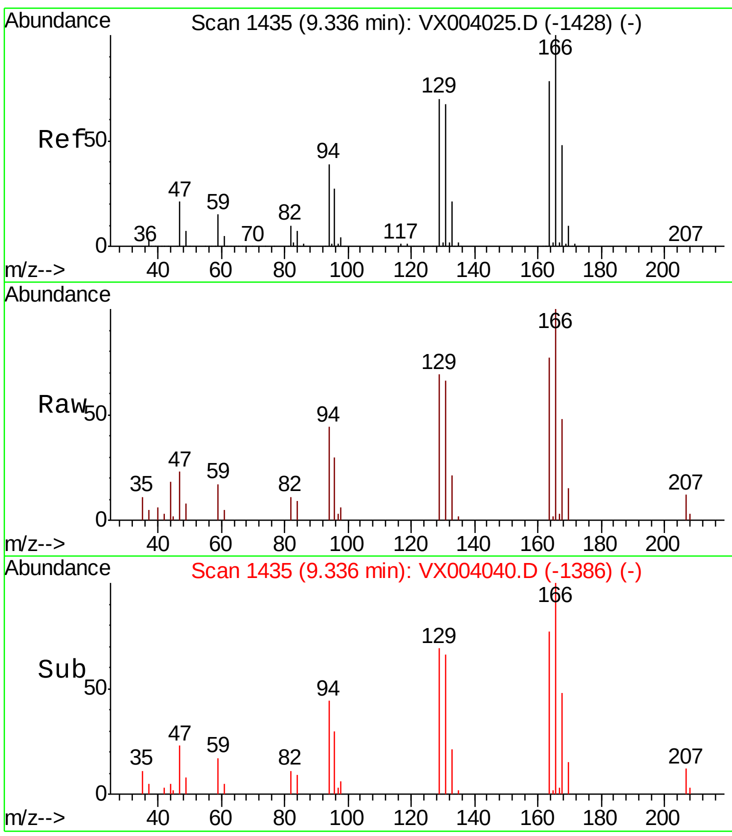
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Instrument : MSVOA_X
ClientSampleId : MW-291-SRI3

Tgt Ion:117 Resp: 394859

Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.0
119	32.3	26.6	40.0

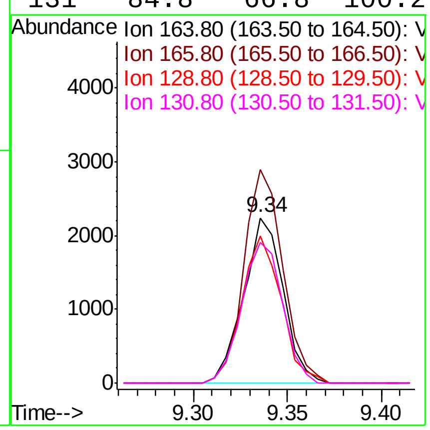


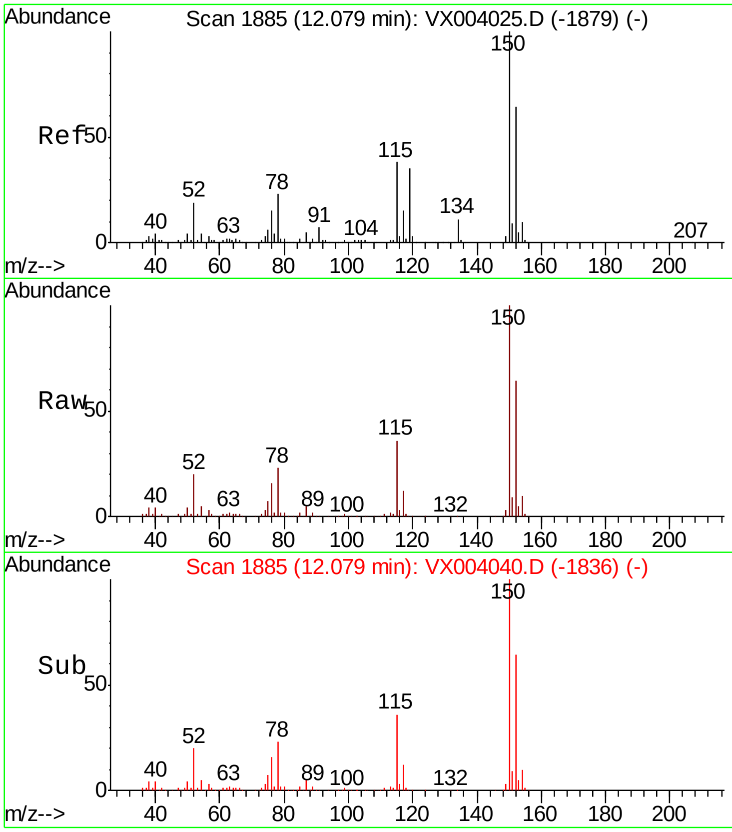


#64
Tetrachloroethene
Concen: 0.871 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018 19:30

Tgt Ion:164 Resp: 3261

Ion	Ratio	Lower	Upper
164	100		
166	129.1	98.0	147.0
129	89.1	64.3	96.5
131	84.8	66.8	100.2



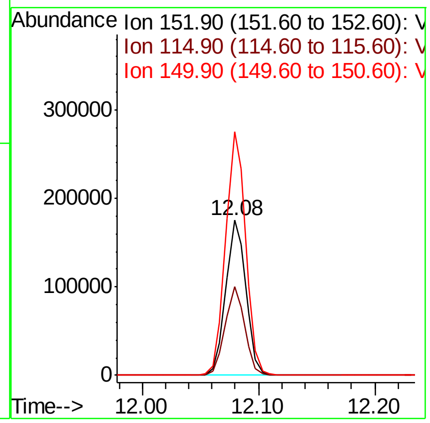


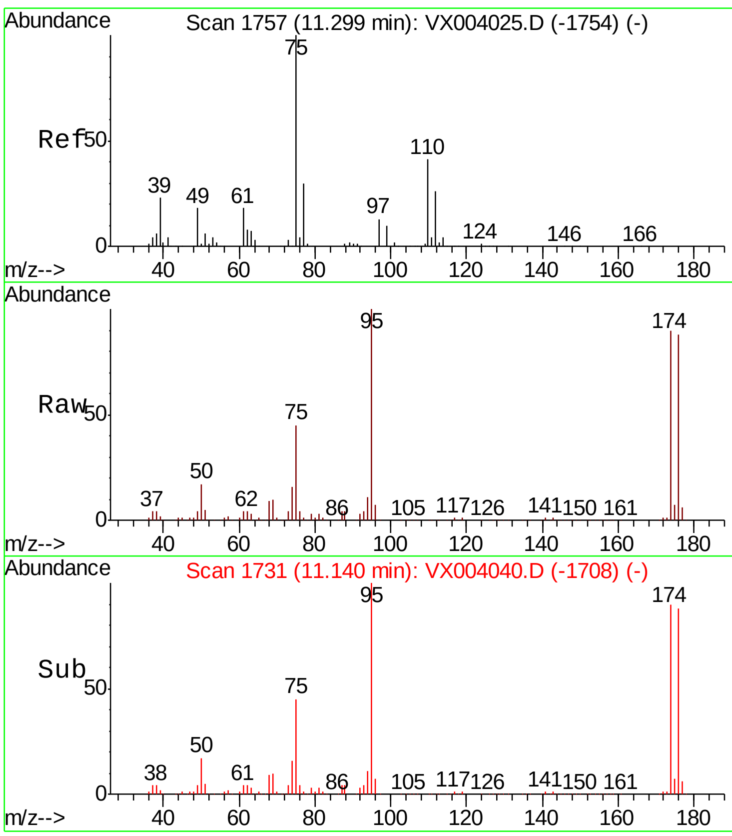
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min   Scan# 1885
Delta R.T.   -0.00 min
Lab File: VX004040.D
Acq: 14 Aug 2018   19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

Tgt Ion:152 Resp: 209568

Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.1	117.3
150	156.1	0.0	349.2

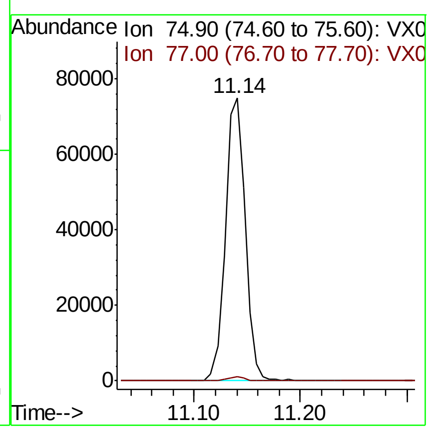


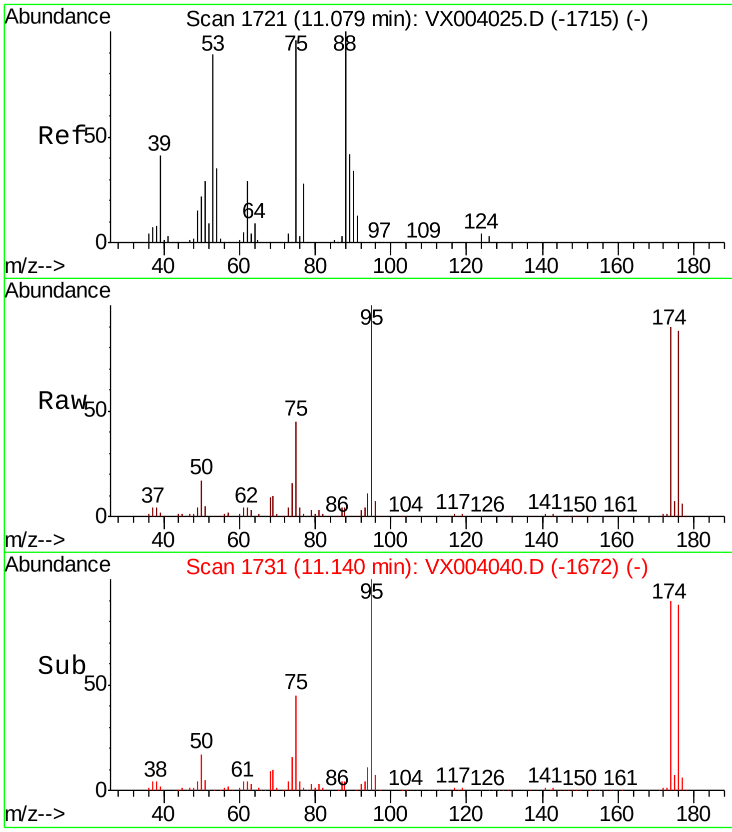


#76
1,2,3-Trichloropropane
Concen: 23.256 ug/l
RT: 11.14 min   Scan# 1731
Delta R.T.   -0.16 min
Lab File: VX004040.D
Acq: 14 Aug 2018   19:30

Tgt Ion: 75 Resp: 97740

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.5#



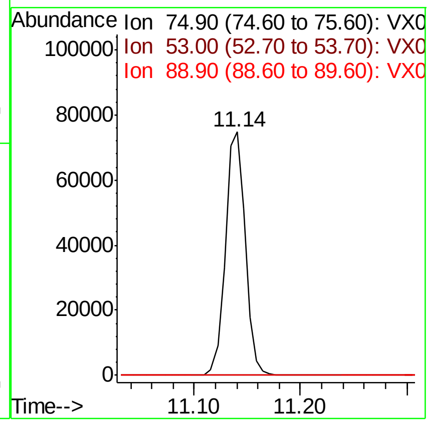


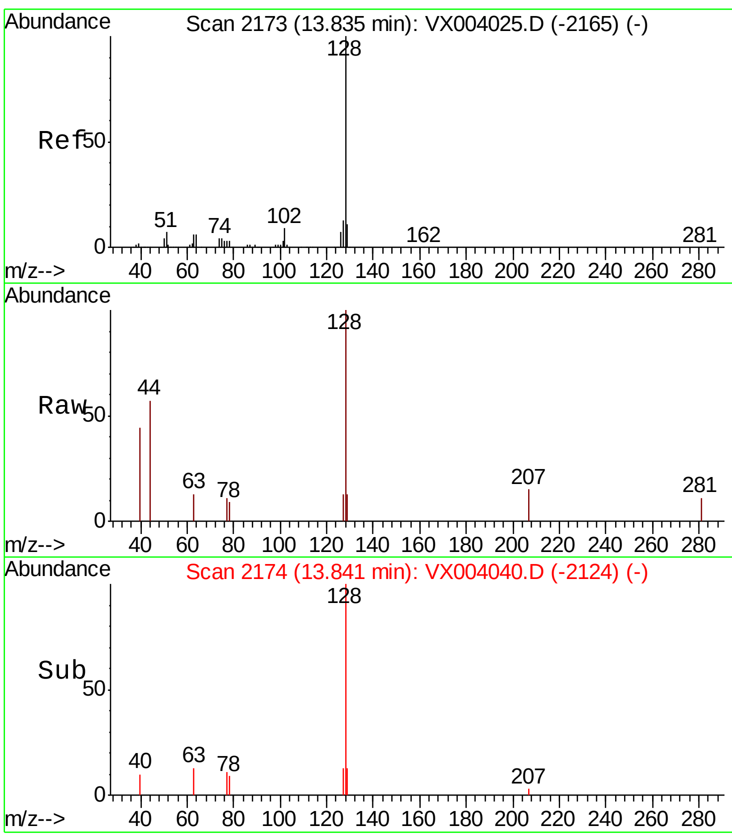
#81
trans-1,4-Dichloro-2-butene
Concen: 71.991 ug/l
RT: 11.14 min   Scan# 1731
Delta R.T.   0.06 min
Lab File: VX004040.D
Acq: 14 Aug 2018   19:30

Instrument :
MSVOA_X
ClientSampleId :
MW-291-SRI3

Tgt Ion: 75 Resp: 97740

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.3	120.5#
89	0.0	37.8	56.8#





#95
Naphthalene
Concen: 1.192 ug/l
RT: 13.84 min   Scan# 2174
Delta R.T.   0.01 min
Lab File: VX004040.D
Acq: 14 Aug 2018   19:30

Tgt Ion:128 Resp: 721

Ion	Ratio	Lower	Upper
128	100		
127	9.4	10.2	15.2#
129	6.2	8.8	13.2#