Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041319\
Data File : VX008929.D
Acq On : 13 Apr 2019 14:12
Operator : JC/SP
Sample : K2371-01DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 14 04:12:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196692	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315309	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268320	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115672	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.06	65	126177	43.98 ug/l	0.00
Spiked Amount 50.000			Recovery =	87.96%	
35) Dibromofluoromethane	5.50	113	93785	46.52 ug/l	0.00
Spiked Amount 50.000			Recovery =	93.04%	
50) Toluene-d8	8.71	98	386659	48.17 ug/l	0.00
Spiked Amount 50.000			Recovery =	96.34%	
62) 4-Bromofluorobenzene	11.13	95	129313	45.43 ug/l	0.00
Spiked Amount 50.000			Recovery =	90.86%	
Target Compounds					Qvalue
3) Chloromethane	1.33	50	395	Below Cal #	56
5) Bromomethane	1.64	94	259	2.051 ug/l #	78
6) Chloroethane	1.70	64	140	Below Cal #	43
10) Methyl Iodide	2.51	142	188	4.090 ug/l #	76
11) Tert butyl alcohol	3.05	59	761	1.133 ug/l	98
13) Acrolein	2.31	56	131	0.393 ug/l	95
16) Acetone	2.44	43	97801	59.188 ug/l	99
17) Carbon Disulfide	2.56	76	848	Below Cal #	75
18) Methyl Acetate	2.78	43	3922	0.979 ug/l	96
20) Methylene Chloride	2.85	84	705	0.255 ug/l #	70
25) 2-Butanone	4.69	43	2742	1.050 ug/l	99
28) Bromochloromethane	5.01	49	19	Below Cal #	22
31) Cyclohexane	5.66	56	4142	0.836 ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15153	4.396 ug/l #	50
38) Carbon Tetrachloride	5.67	117	18817	6.596 ug/l #	16
51) 4-Methyl-2-Pentanone	8.64	43	1666	0.359 ug/l	98
52) Toluene	8.79	92	137062	22.642 ug/l	99
53) t-1,3-Dichloropropene	8.78	75	1639	0.457 ug/l #	1
59) 2-Hexanone	9.59	43	1626	0.451 ug/l #	55
67) Ethyl Benzene	10.25	91	6774	0.611 ug/l	98
68) m/p-Xylenes	10.36	106	10381	2.603 ug/l	98
69) o-Xylene	10.69	106	4523	1.170 ug/l	92
76) 1,2,3-Trichloropropane	11.13	75	64851	20.409 ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	3279	0.407 ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	64851	56.257 ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	6923	0.850 ug/l	98
85) sec-Butylbenzene	11.80	105	6923	0.753 ug/l #	58

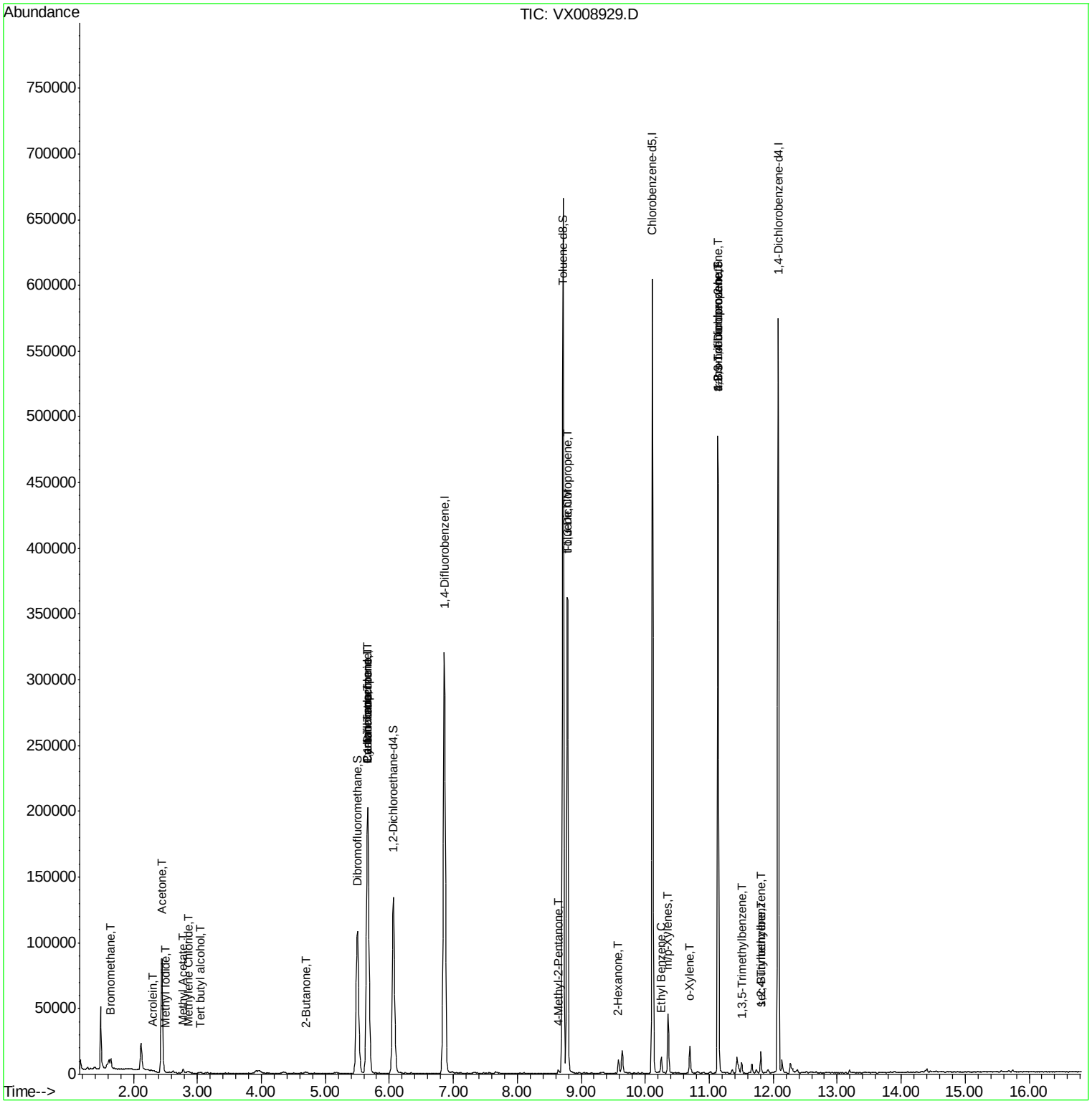
(#) = qualifier out of range (m) = manual integration (+) = signals summed

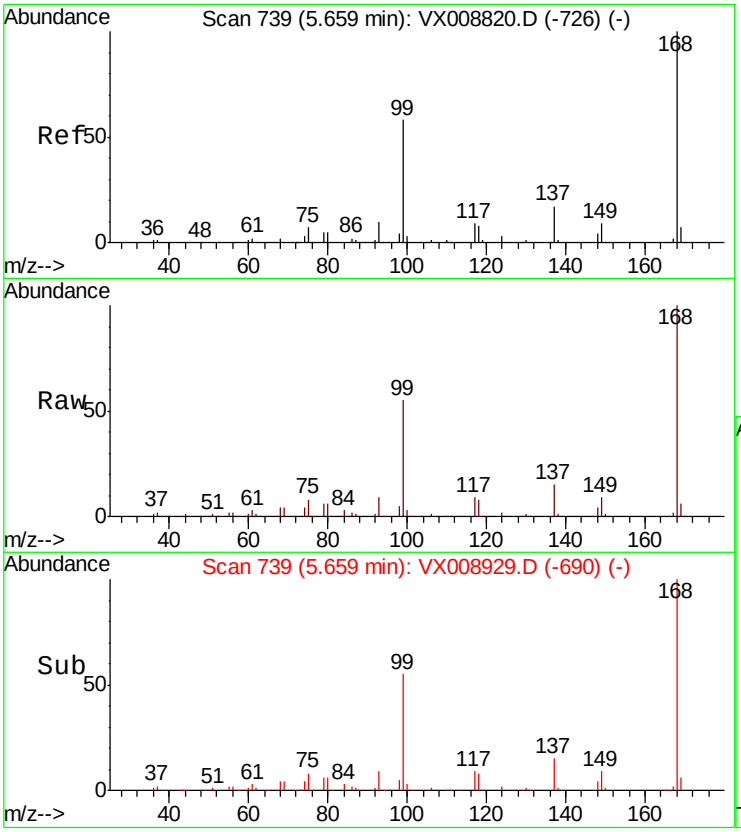
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041319\
Data File : VX008929.D
Acq On : 13 Apr 2019 14:12
Operator : JC/SP
Sample : K2371-01DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 14 04:12:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration



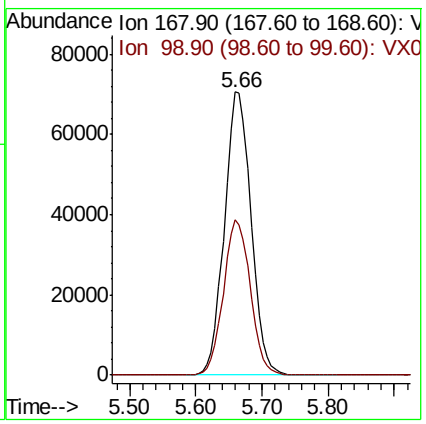


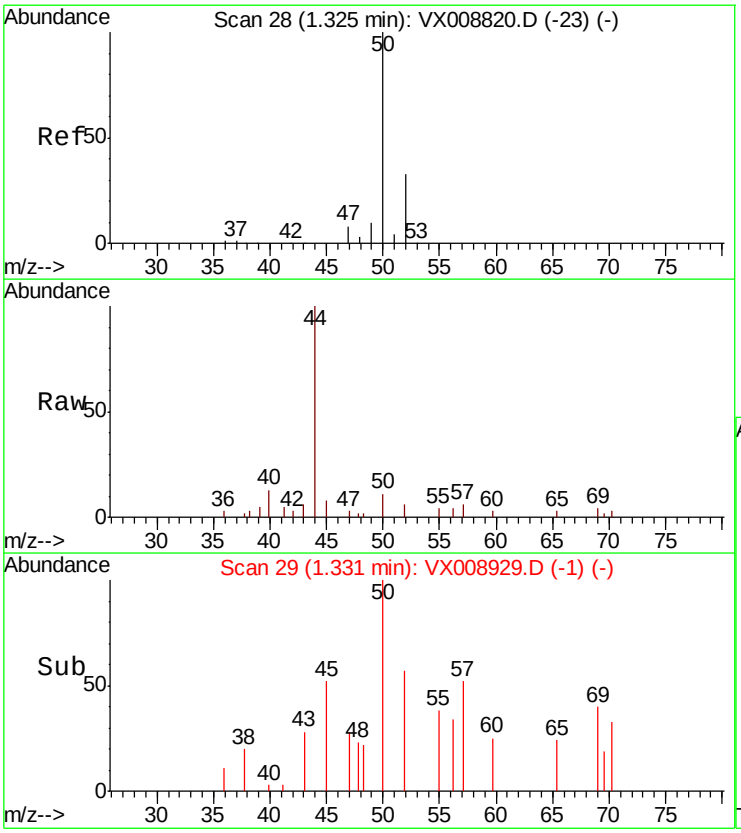
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 196692

Ion	Ratio	Lower	Upper
168	100		
99	54.8	46.7	70.1

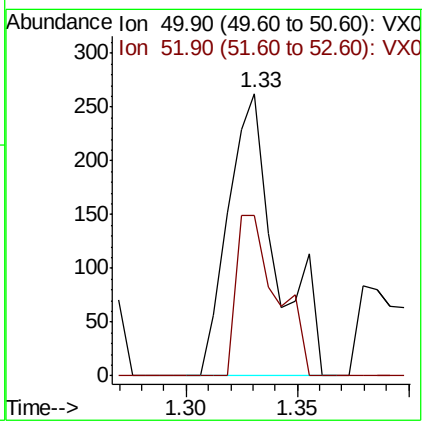


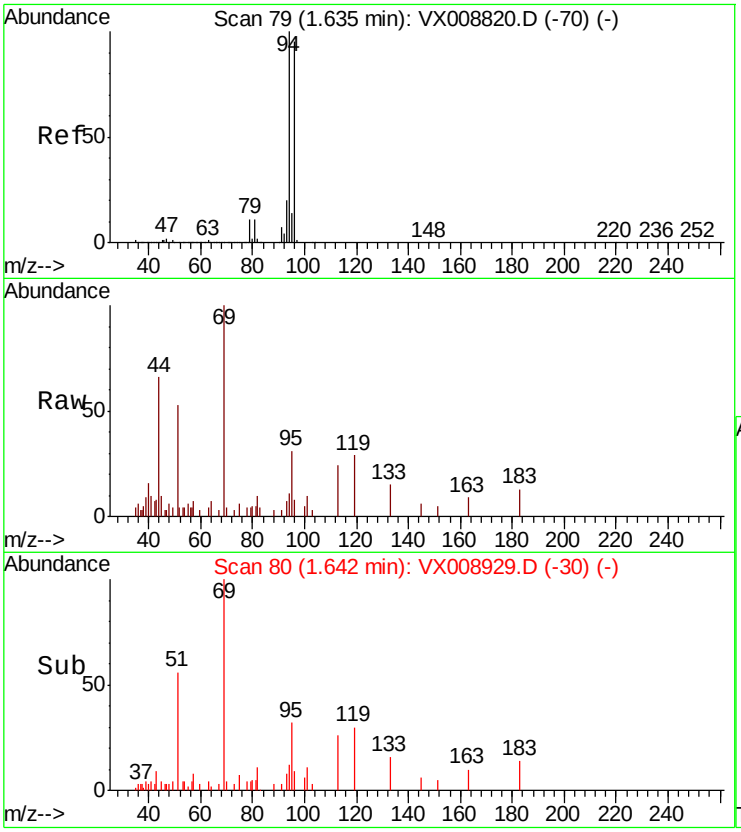


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 50 Resp: 395

Ion	Ratio	Lower	Upper
50	100		
52	56.7	25.8	38.8#



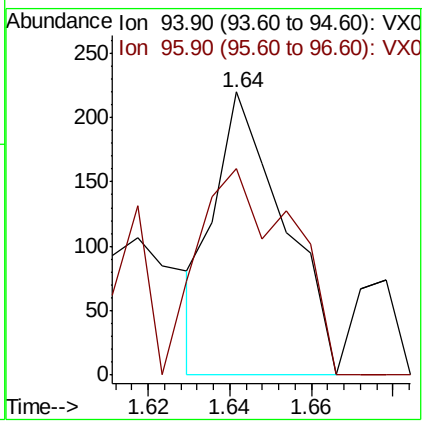


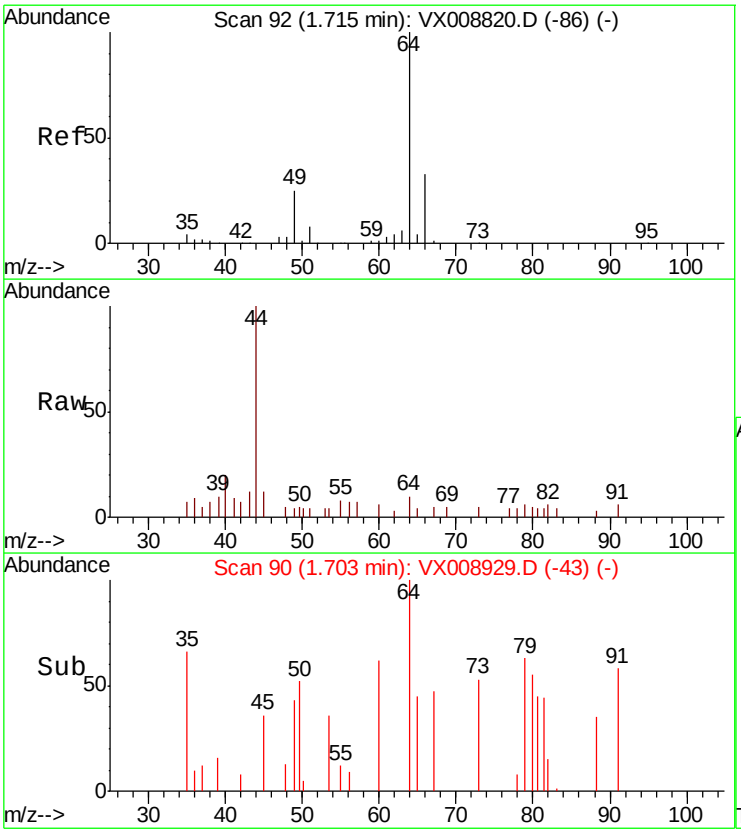
#5
Bromomethane
Concen: 2.051 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 259

Ion	Ratio	Lower	Upper
94	100		
96	72.7	75.2	112.8#

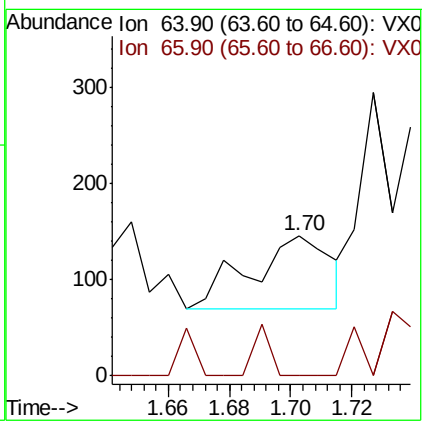


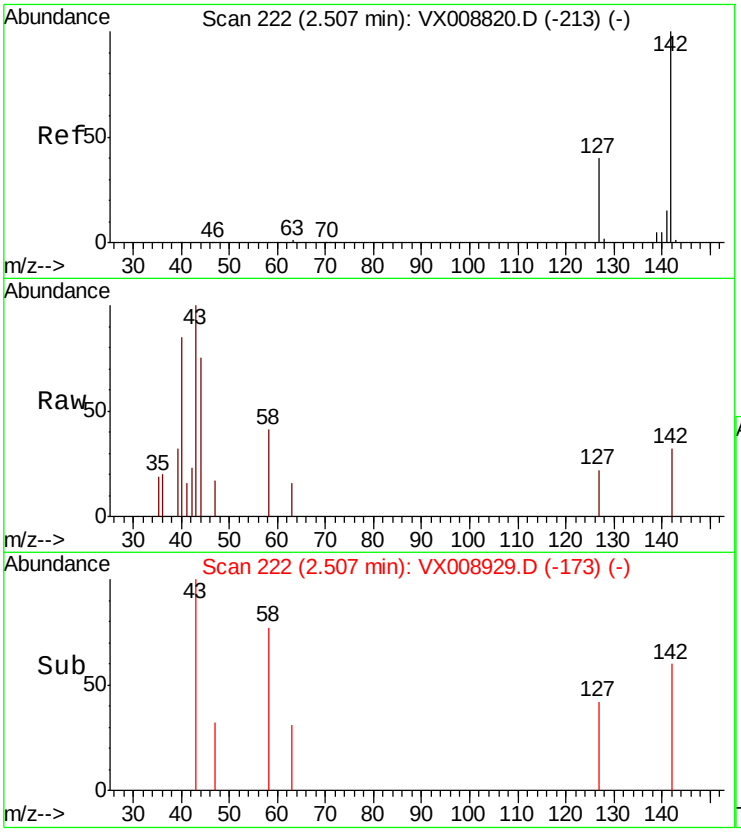


#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 64 Resp: 140

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



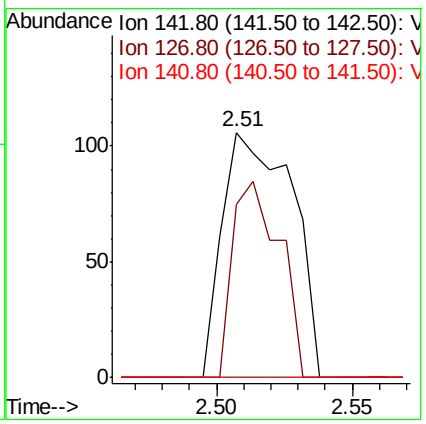


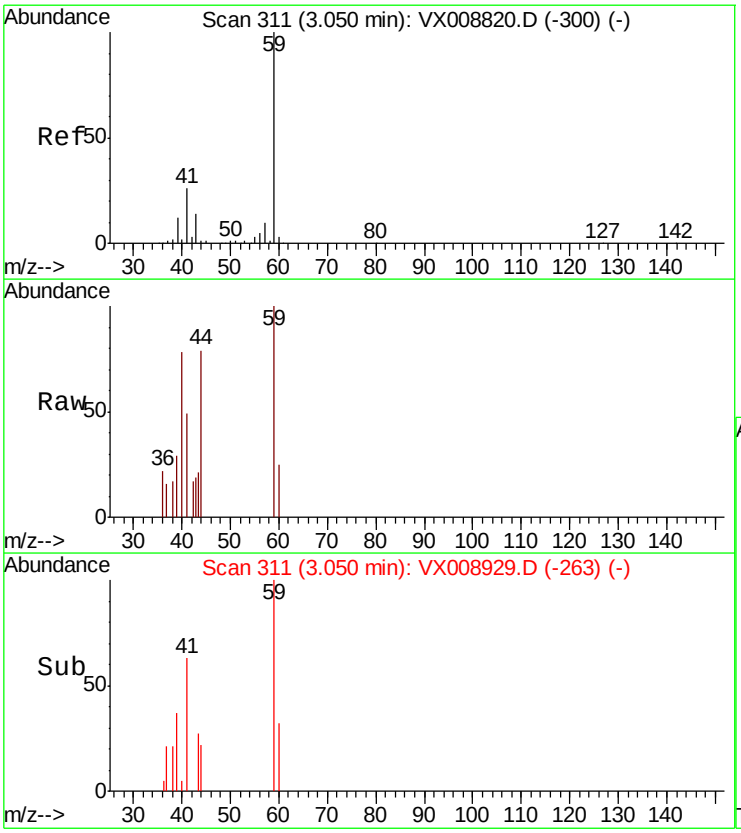
#10
Methyl Iodide
Concen: 4.090 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 188

Ion	Ratio	Lower	Upper
142	100		
127	54.3	33.0	49.6#
141	0.0	11.4	17.2#

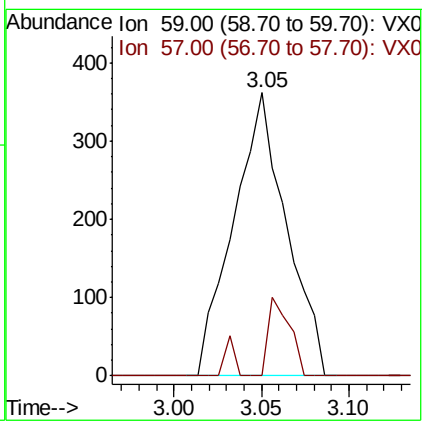


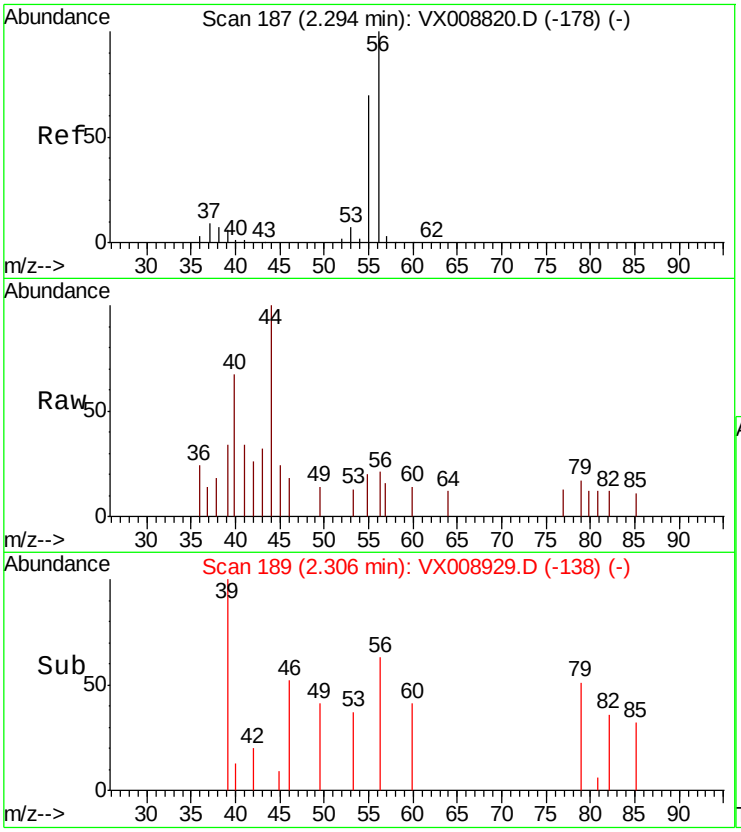


#11
Tert butyl alcohol
Concen: 1.133 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 59 Resp: 761

Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.3	12.5



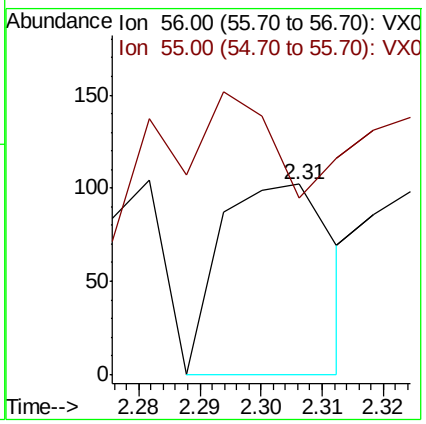


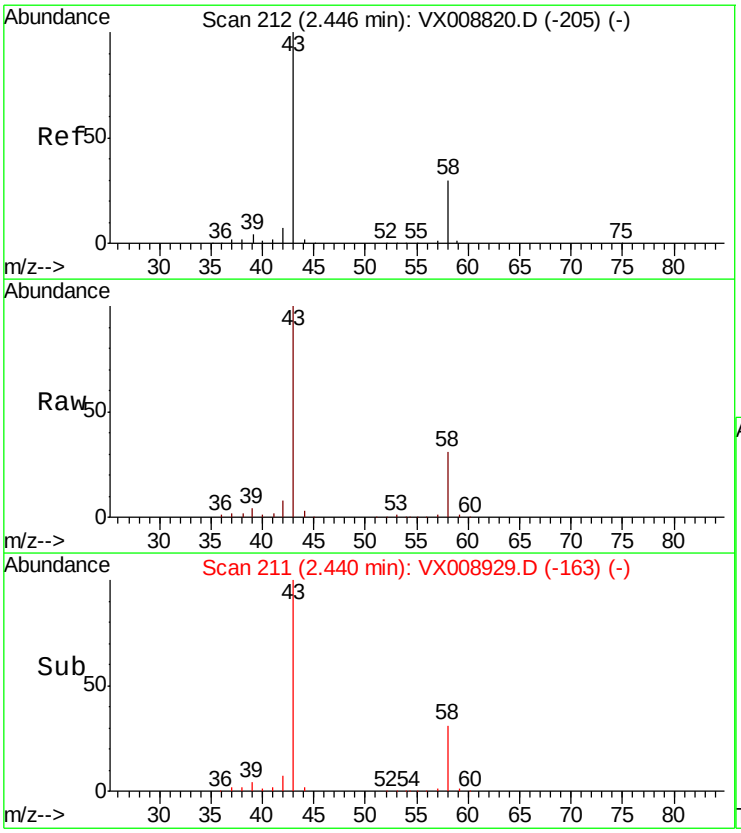
#13
Acrolein
Concen: 0.393 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 131

Ion	Ratio	Lower	Upper
56	100		
55	77.1	58.0	87.0

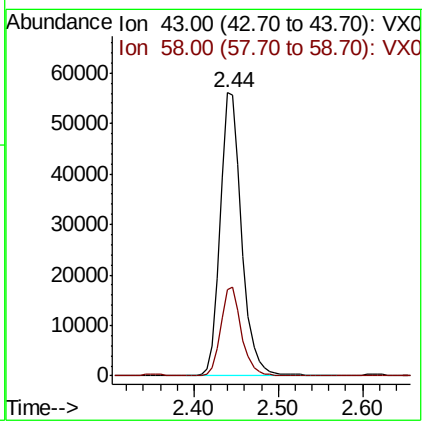


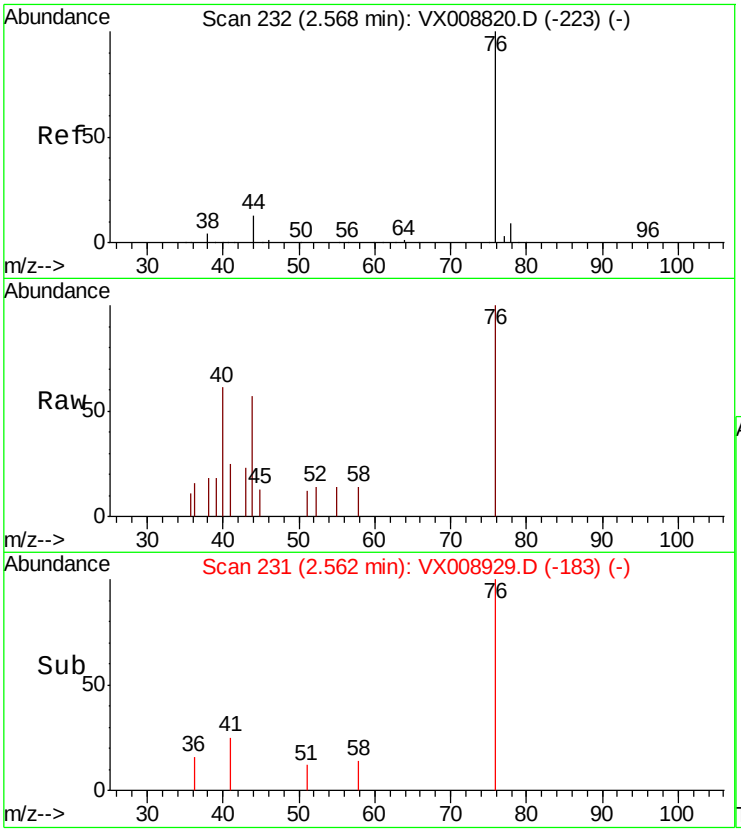


#16
Acetone
Concen: 59.188 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 43 Resp: 97801

Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.8	37.2



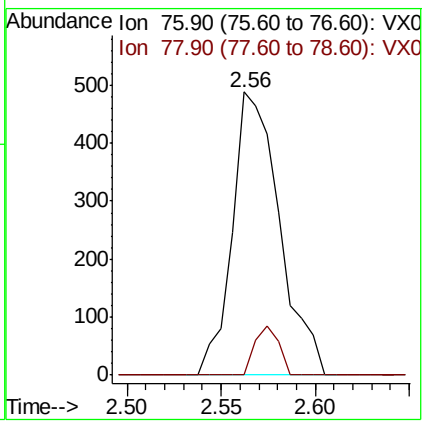


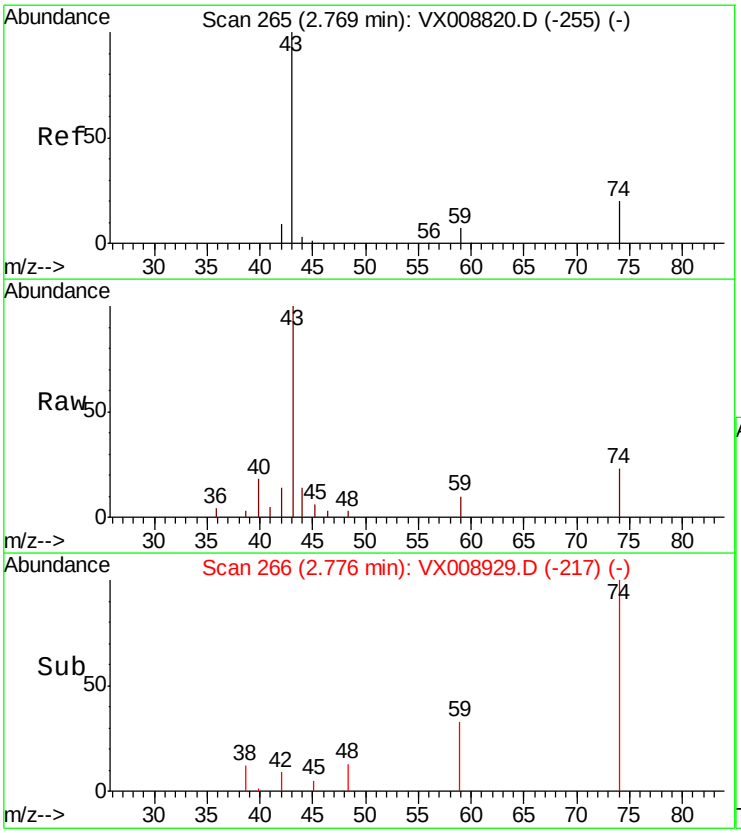
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 848

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

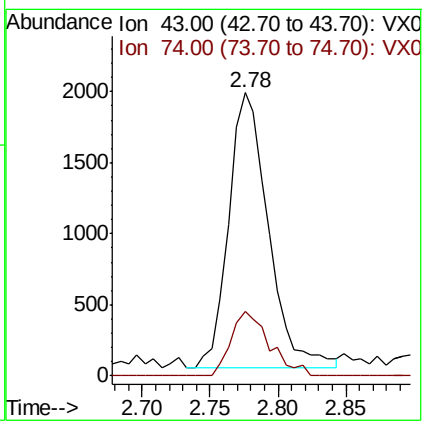


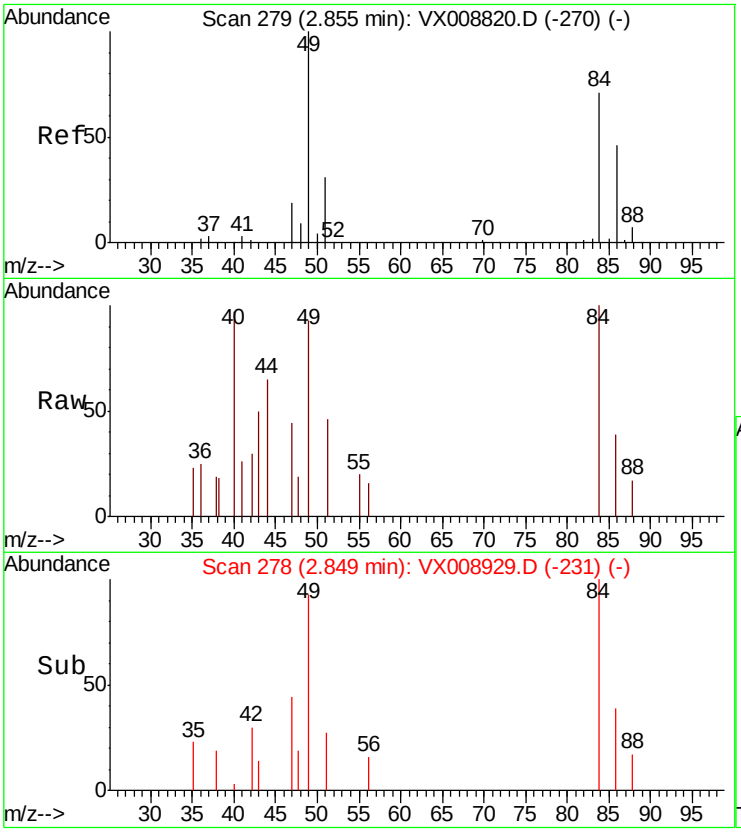


#18
Methyl Acetate
Concen: 0.979 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 43 Resp: 3922

Ion	Ratio	Lower	Upper
43	100		
74	22.6	16.5	24.7



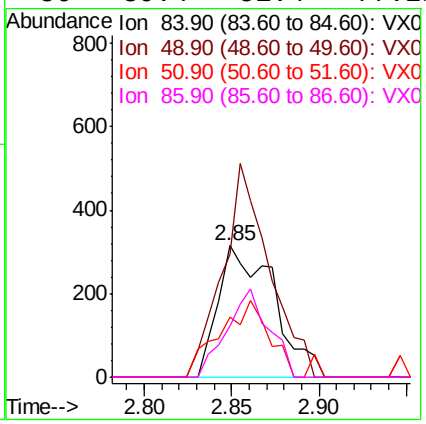


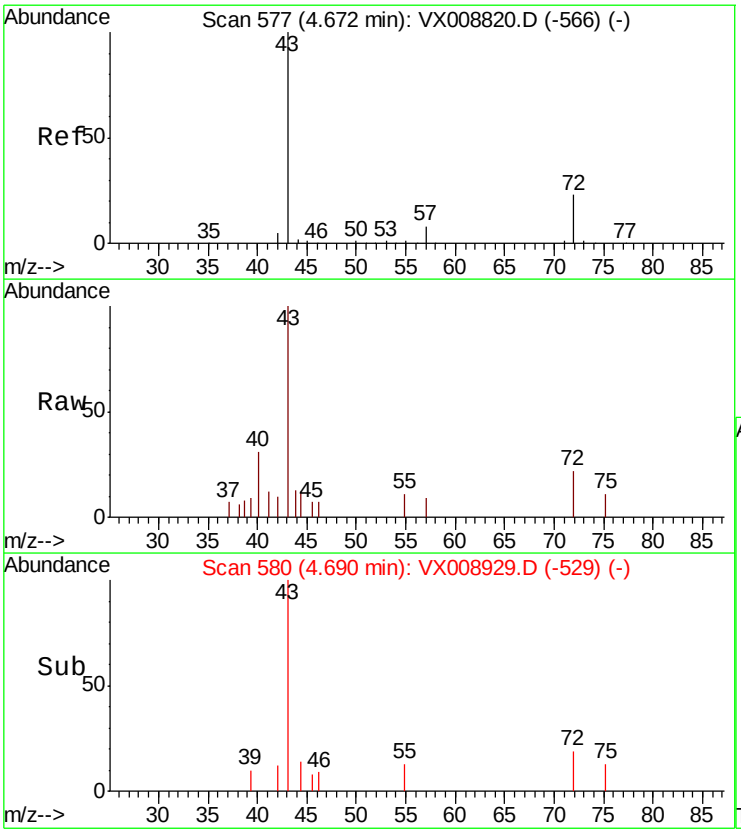
#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 705

Ion	Ratio	Lower	Upper
84	100		
49	93.3	109.7	164.5#
51	45.7	33.6	50.4
86	39.4	51.4	77.2#

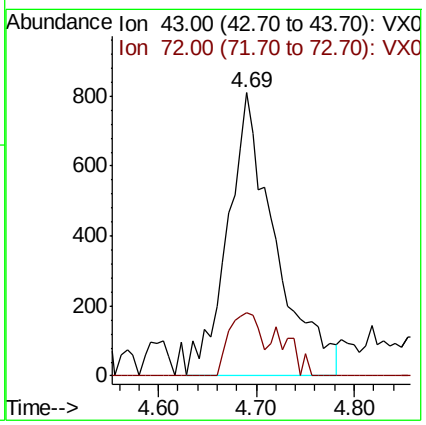


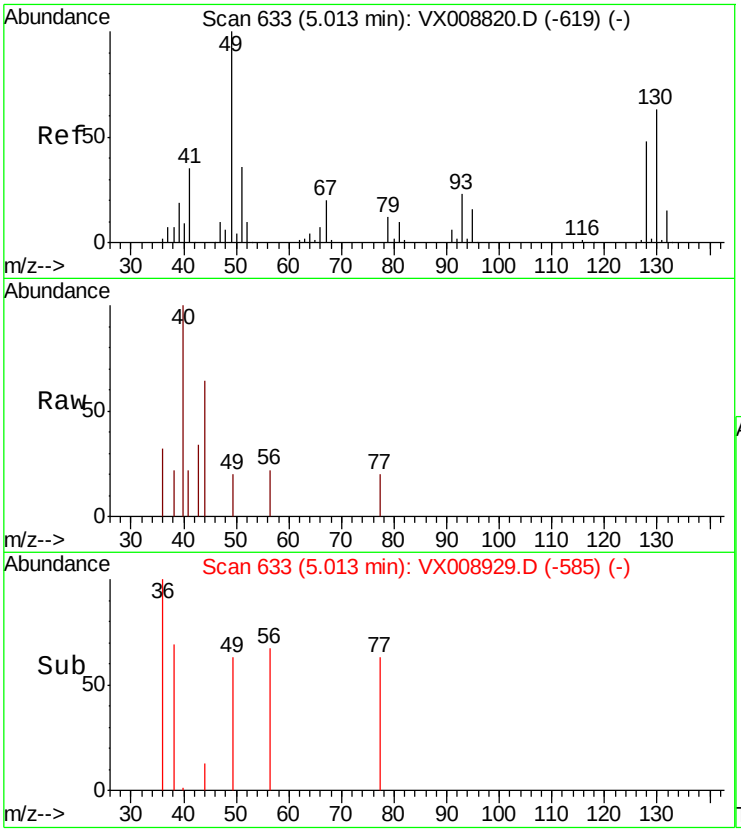


#25
2-Butanone
Concen: 1.050 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 43 Resp: 2742

Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.2	27.4



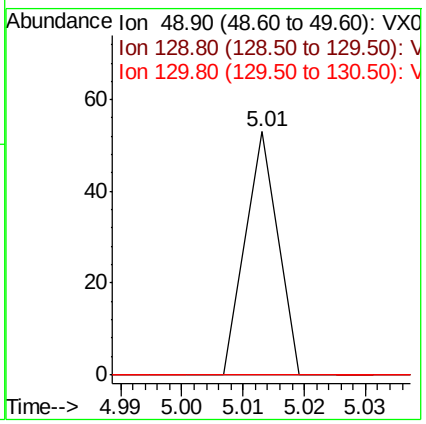


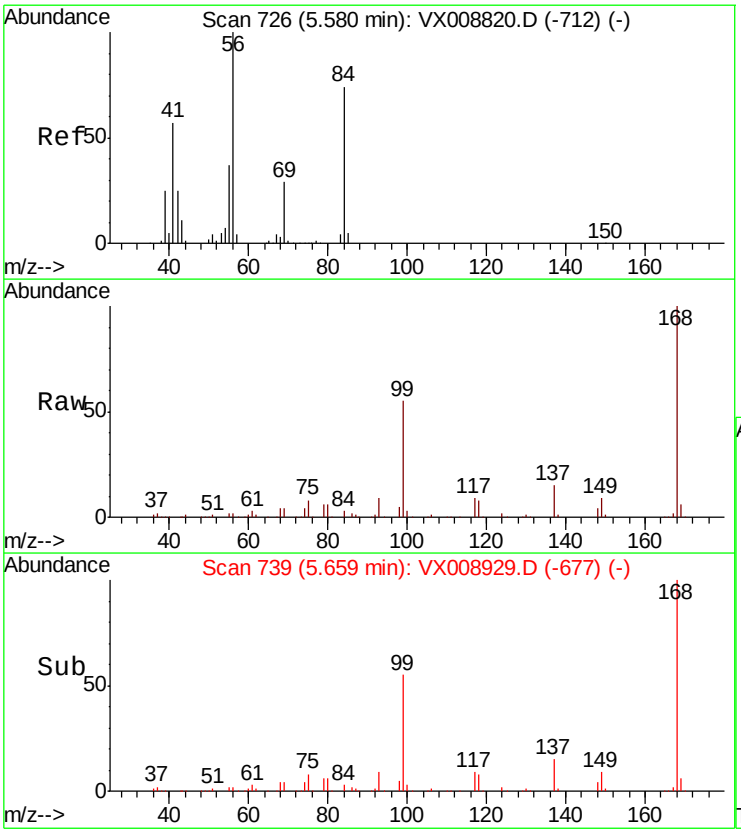
#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 19

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#

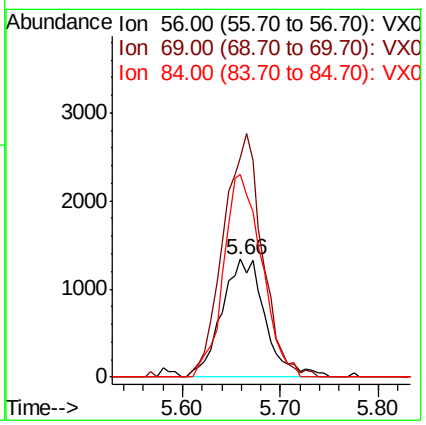


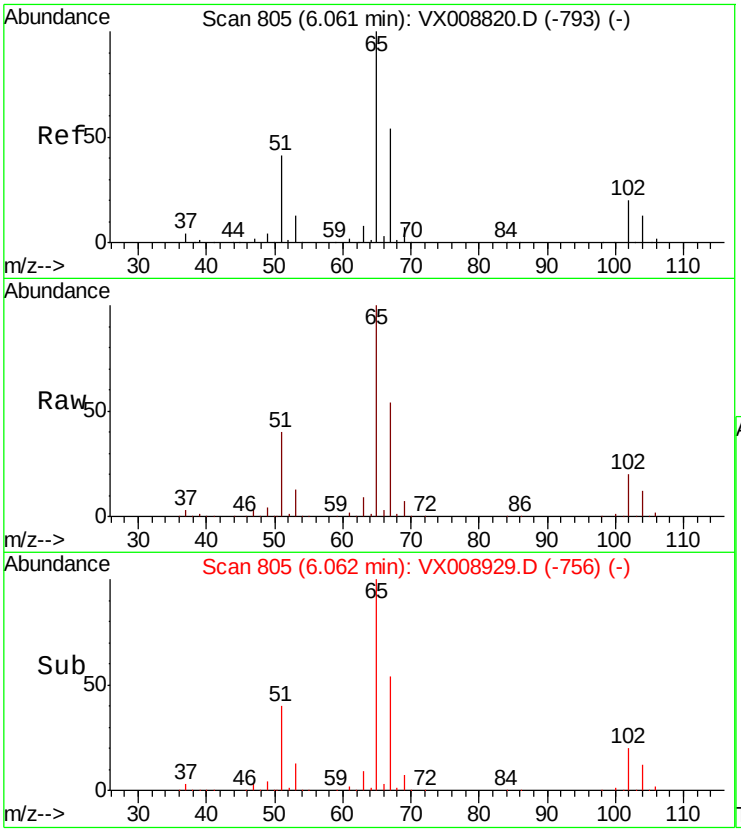


#31
Cyclohexane
Concen: 0.836 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 56 Resp: 4142

Ion	Ratio	Lower	Upper
56	100		
69	186.2	22.6	33.8#
84	172.0	59.3	88.9#



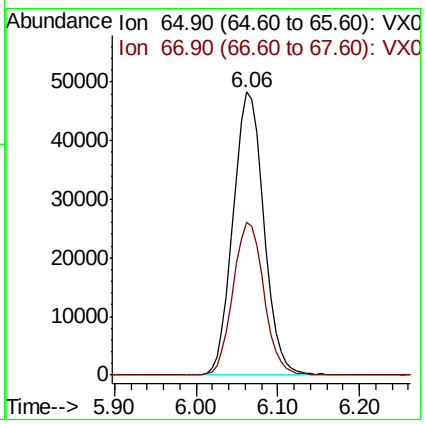


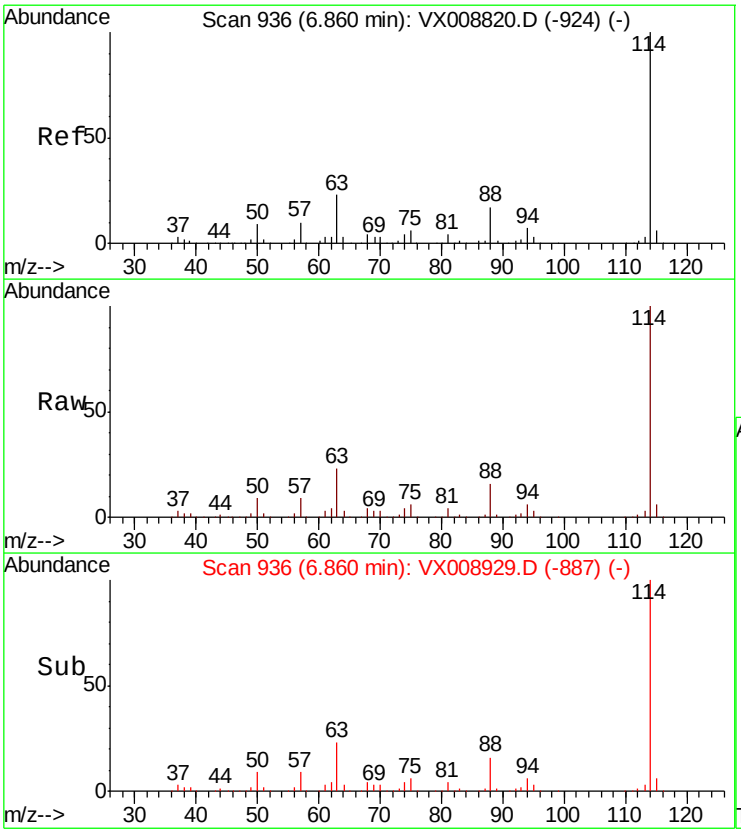
#33
1,2-Dichloroethane-d4
Concen: 43.981 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 126177

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.2

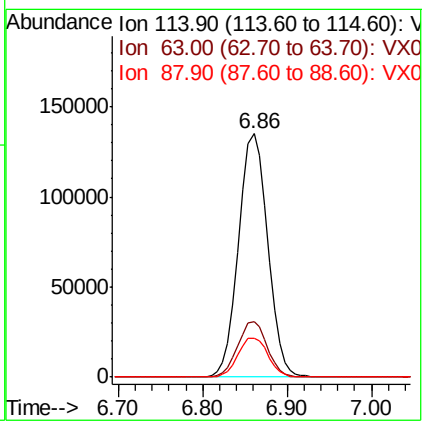


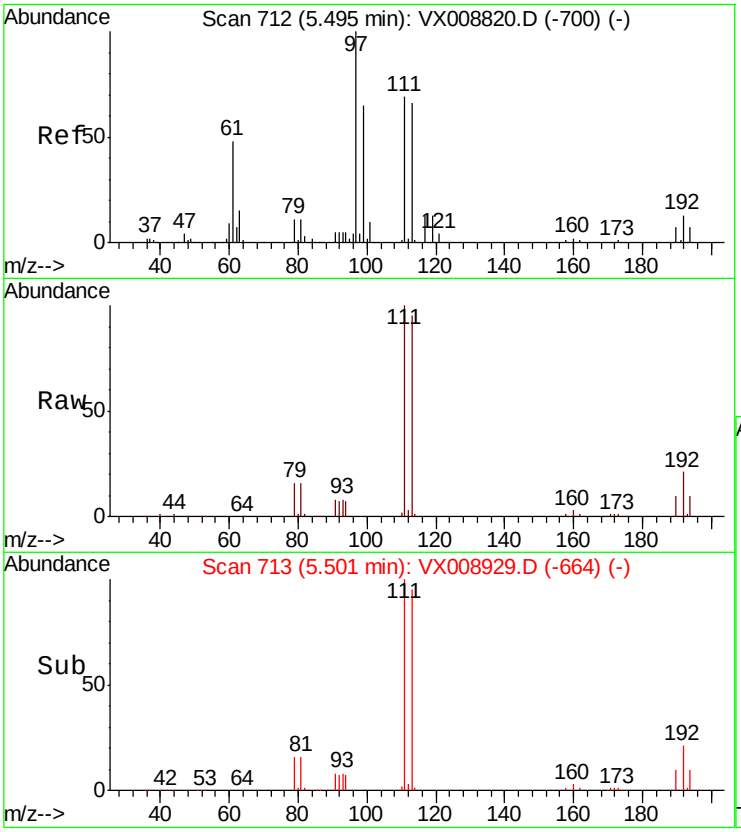


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion:114 Resp: 315309

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	47.2
88	16.0	0.0	34.0



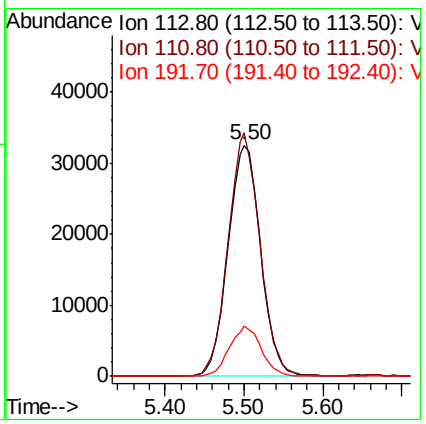


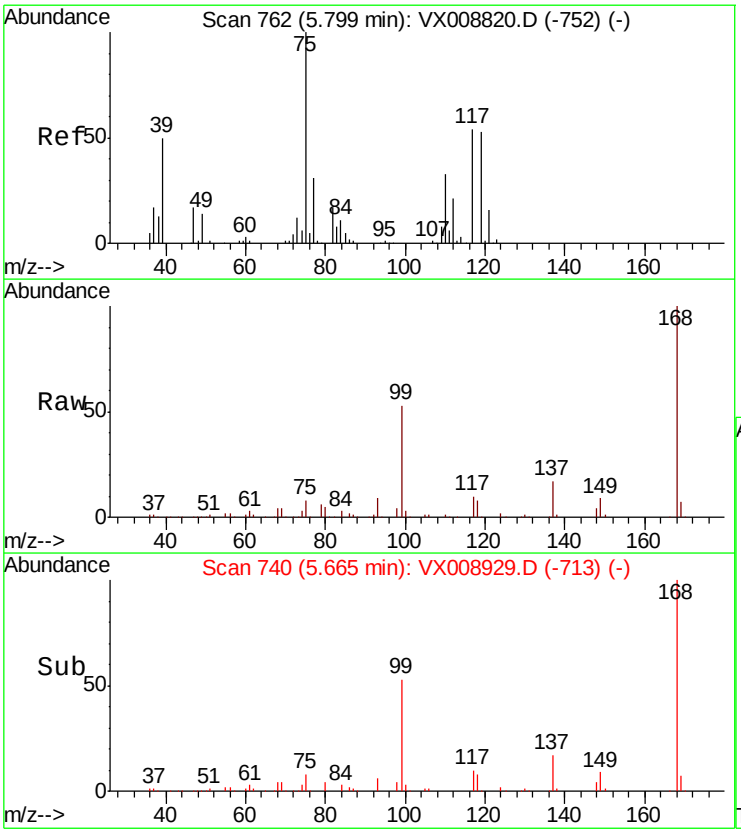
#35
Dibromofluoromethane
Concen: 46.521 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 93785

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.2
192	21.2	16.1	24.1

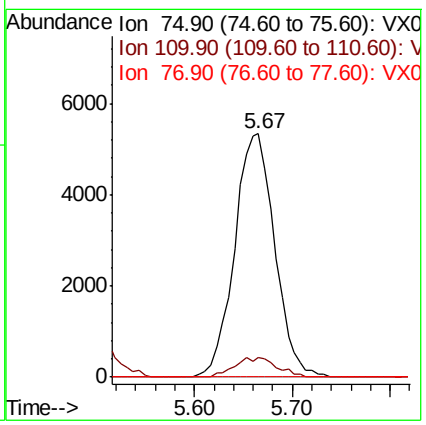


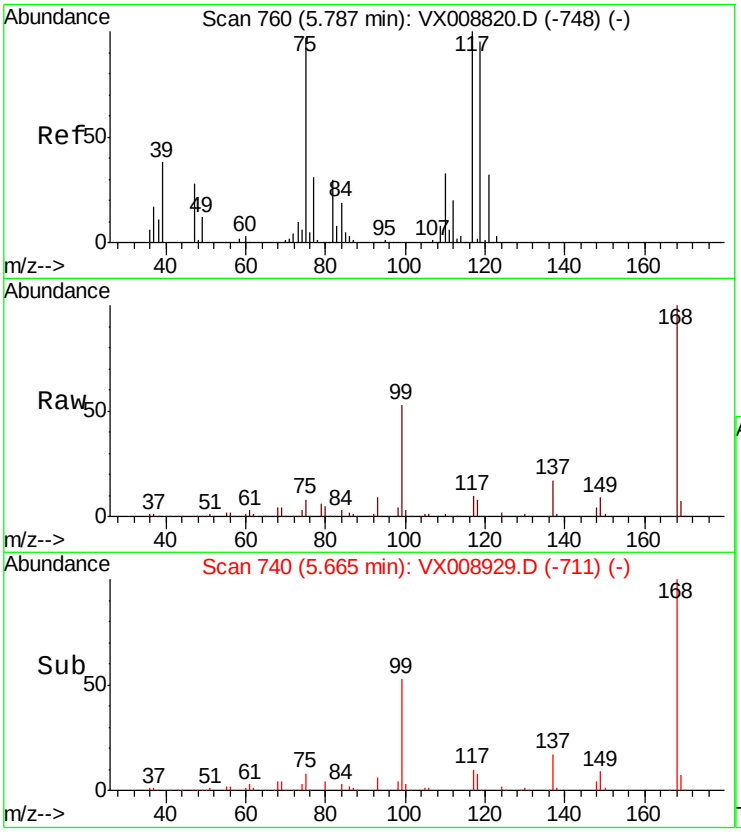


#36
1,1-Dichloropropene
Concen: 4.396 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 75 Resp: 15153

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.4	49.2#
77	0.0	24.7	37.1#



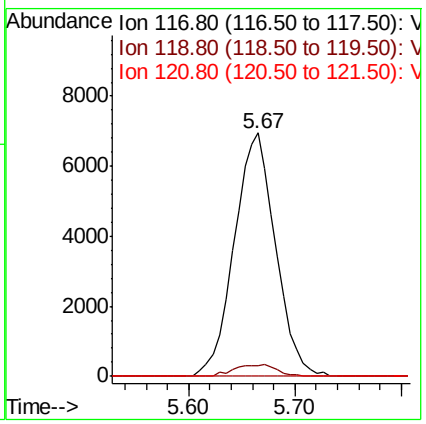


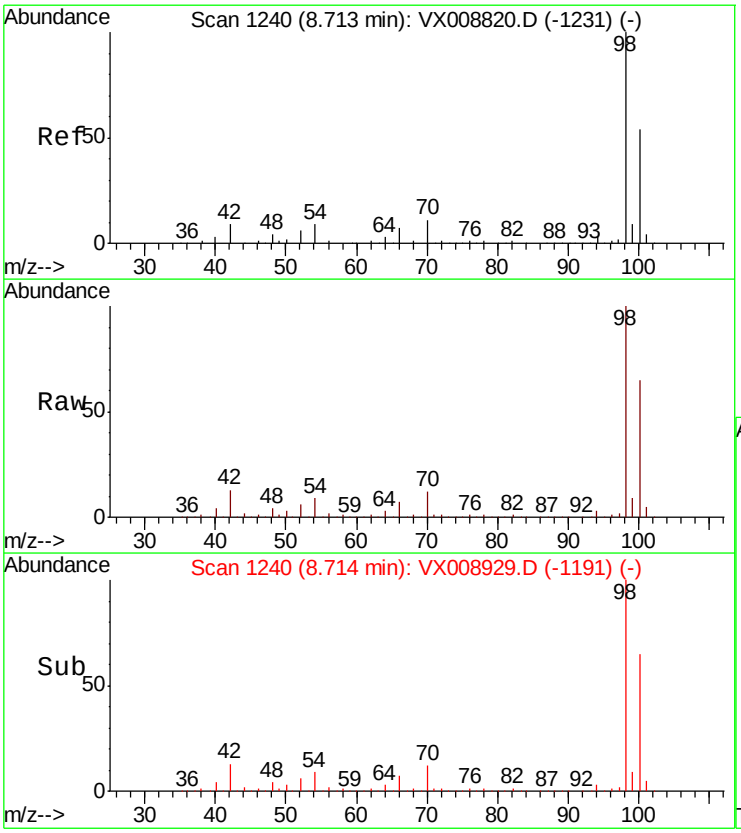
#38
Carbon Tetrachloride
Concen: 6.596 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 18817

Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.0	112.6#
121	0.0	24.3	36.5#

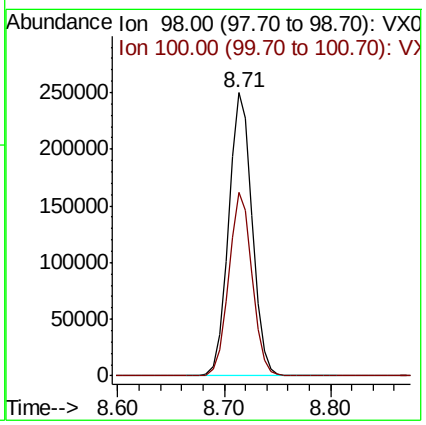


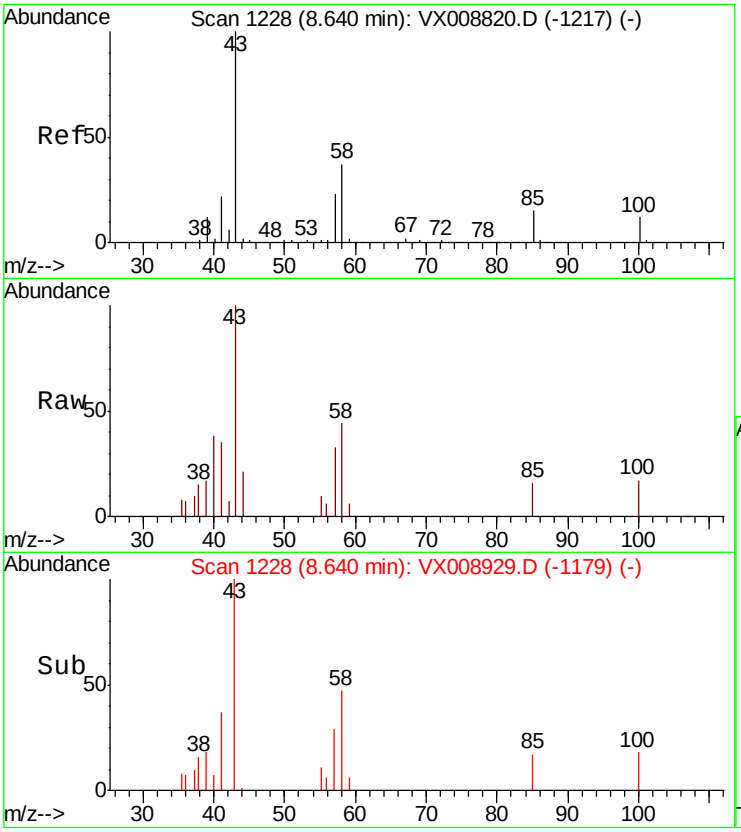


#50
Toluene-d8
Concen: 48.170 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 98 Resp: 386659

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0



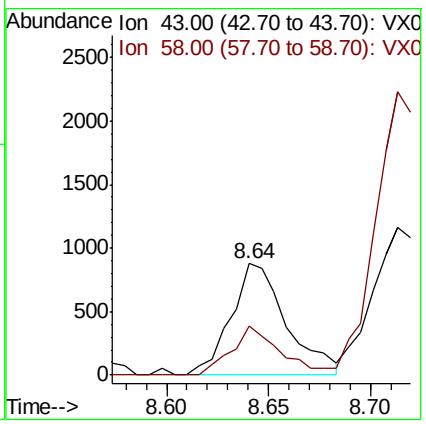


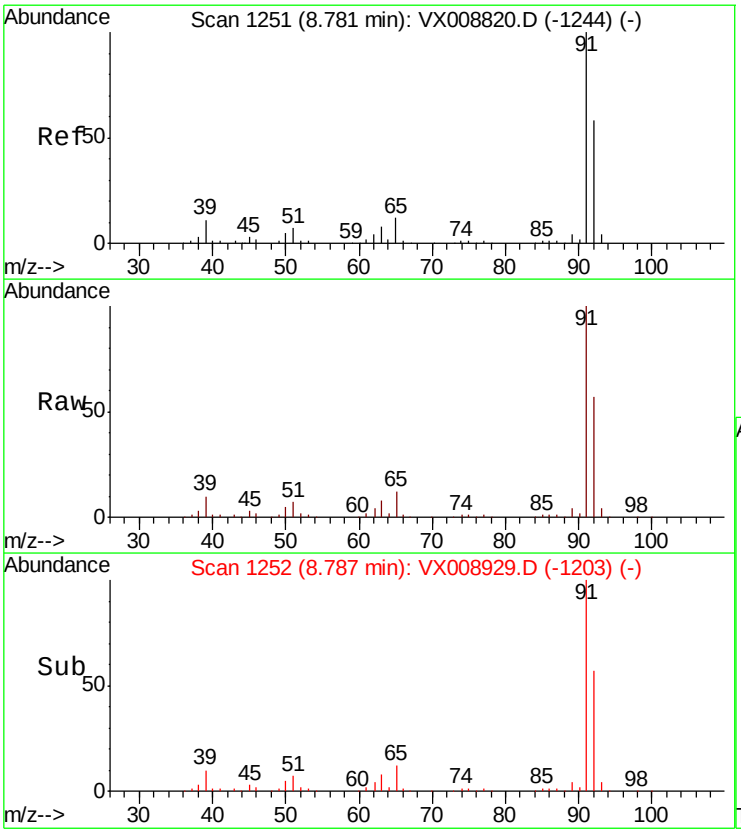
#51
4-Methyl-2-Pentanone
Concen: 0.359 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1666

Ion	Ratio	Lower	Upper
43	100		
58	38.4	29.5	44.3

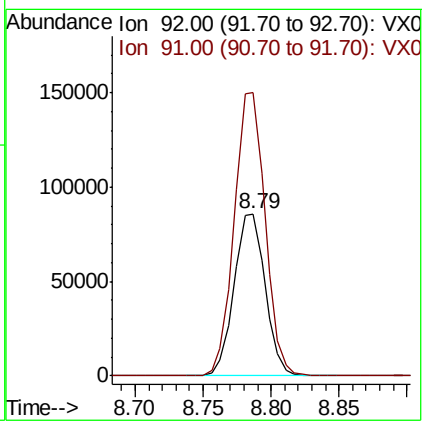


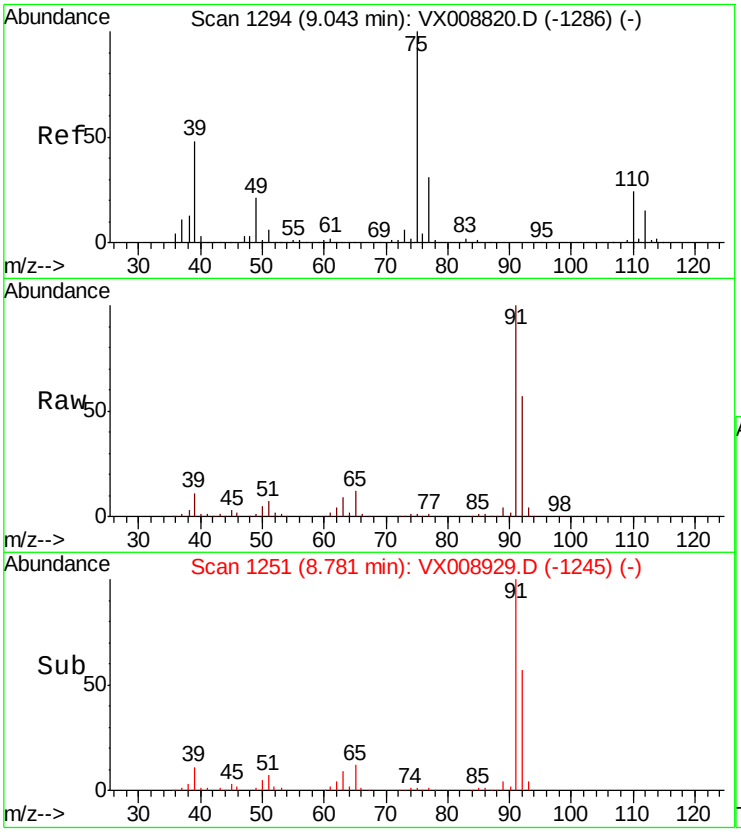


#52
Toluene
Concen: 22.642 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 92 Resp: 137062

Ion	Ratio	Lower	Upper
92	100		
91	174.0	138.5	207.7



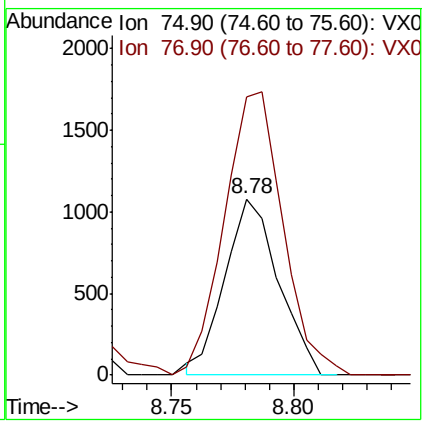


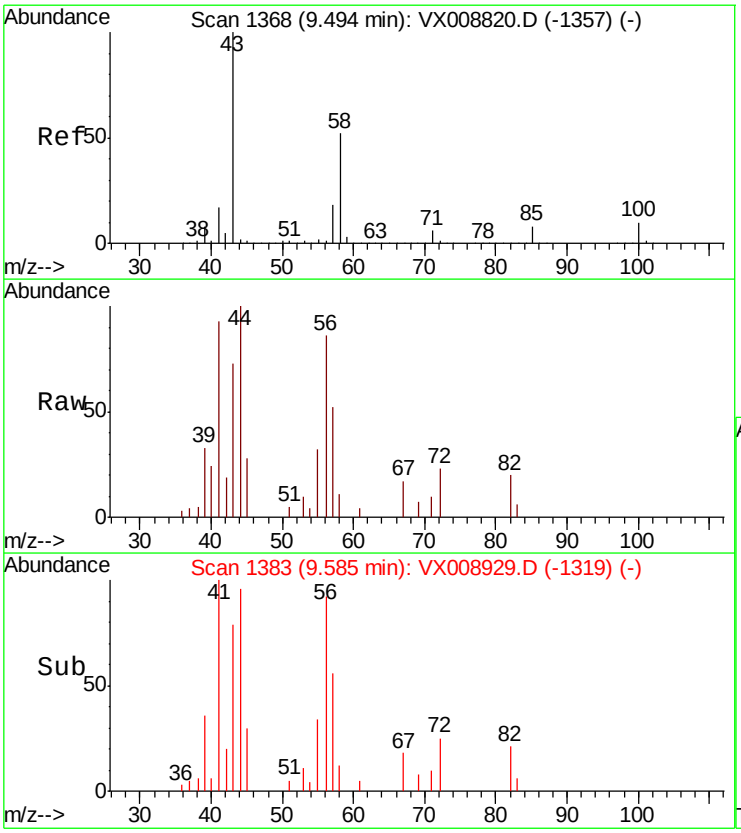
#53
t-1,3-Dichloropropene
Concen: 0.457 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.26 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1639

Ion	Ratio	Lower	Upper
75	100		
77	153.5	25.2	37.8#

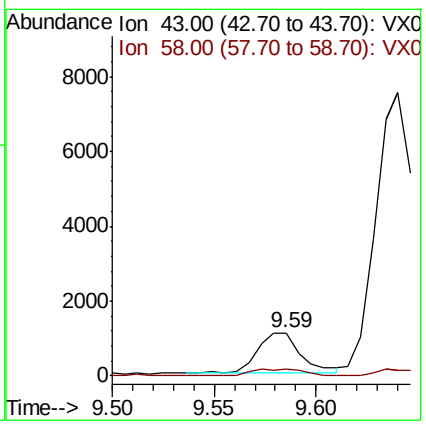


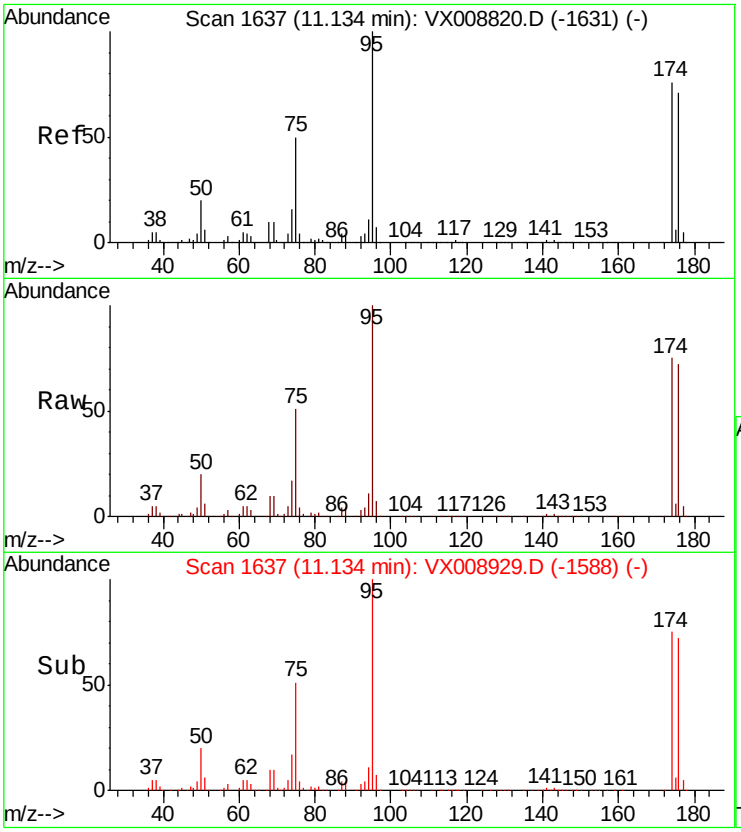


#59
2-Hexanone
Concen: 0.451 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.09 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion: 43 Resp: 1626

Ion	Ratio	Lower	Upper
43	100		
58	20.2	25.9	77.7#



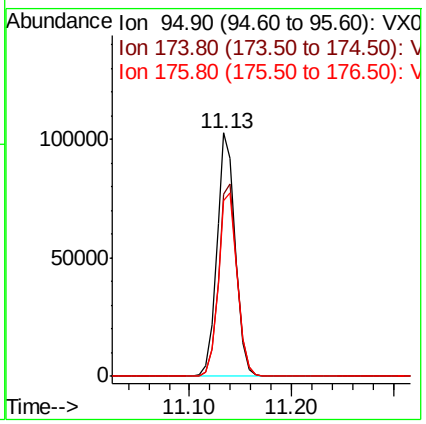


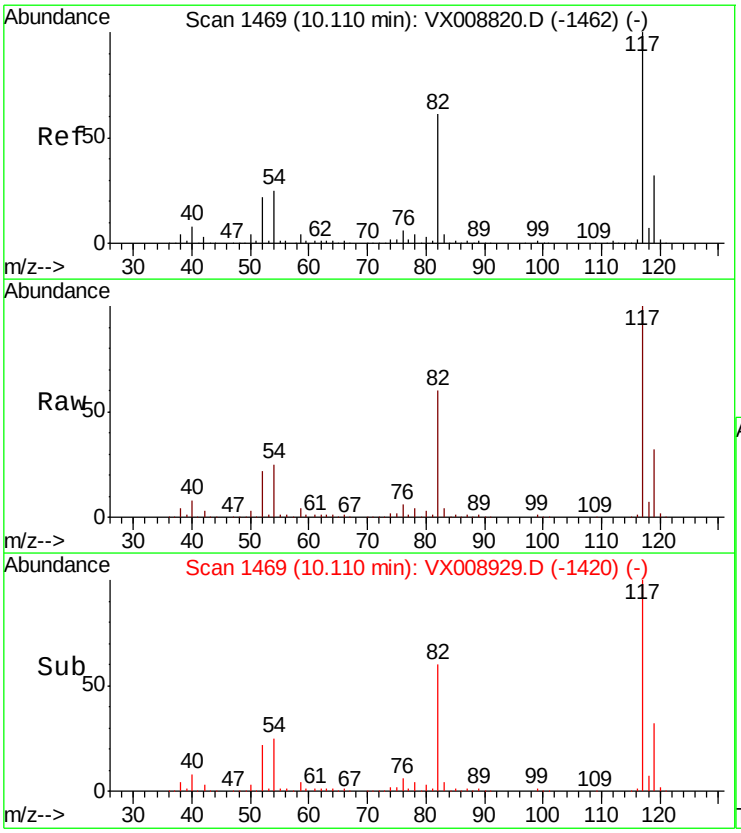
#62
4-Bromofluorobenzene
Concen: 45.429 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 129313

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	151.8
176	77.0	0.0	145.8

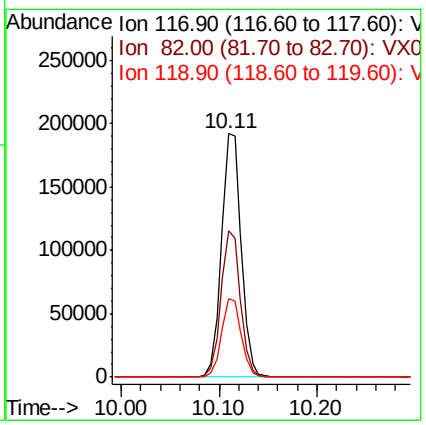


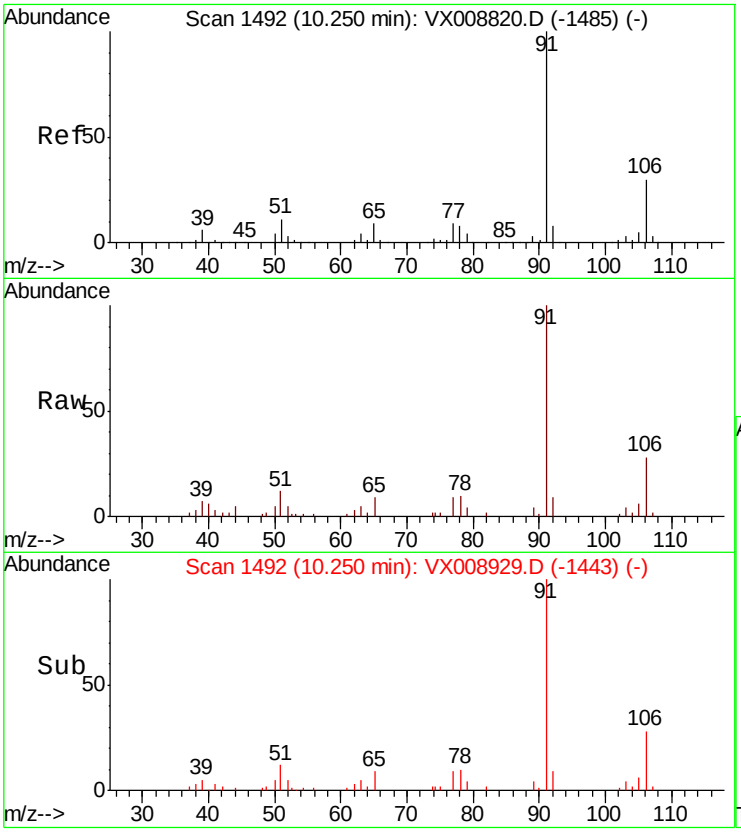


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion:117 Resp: 268320

Ion	Ratio	Lower	Upper
117	100		
82	60.2	49.6	74.4
119	32.2	25.0	37.4



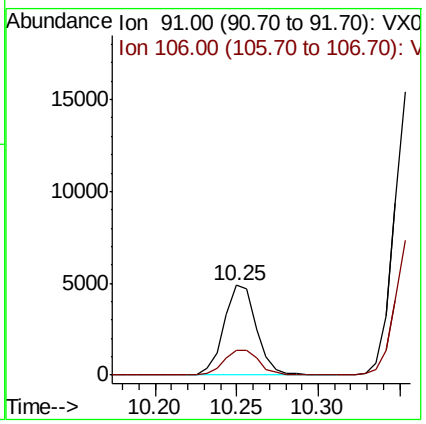


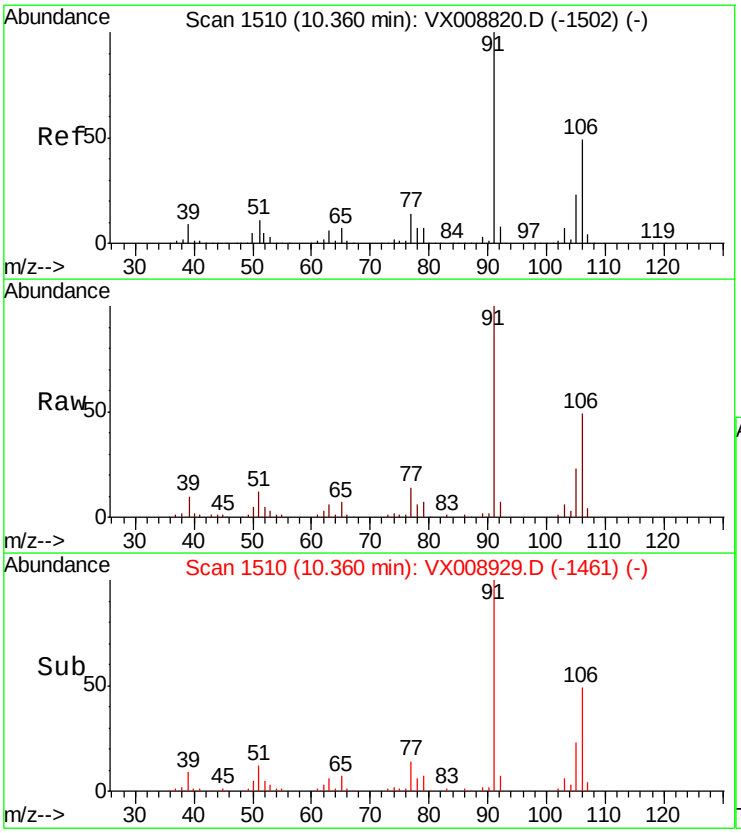
#67
Ethyl Benzene
Concen: 0.611 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 6774

Ion	Ratio	Lower	Upper
91	100		
106	28.3	23.7	35.5

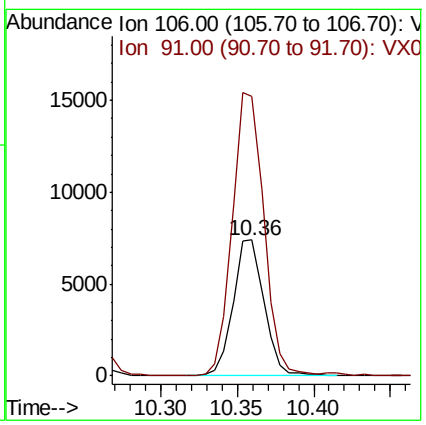


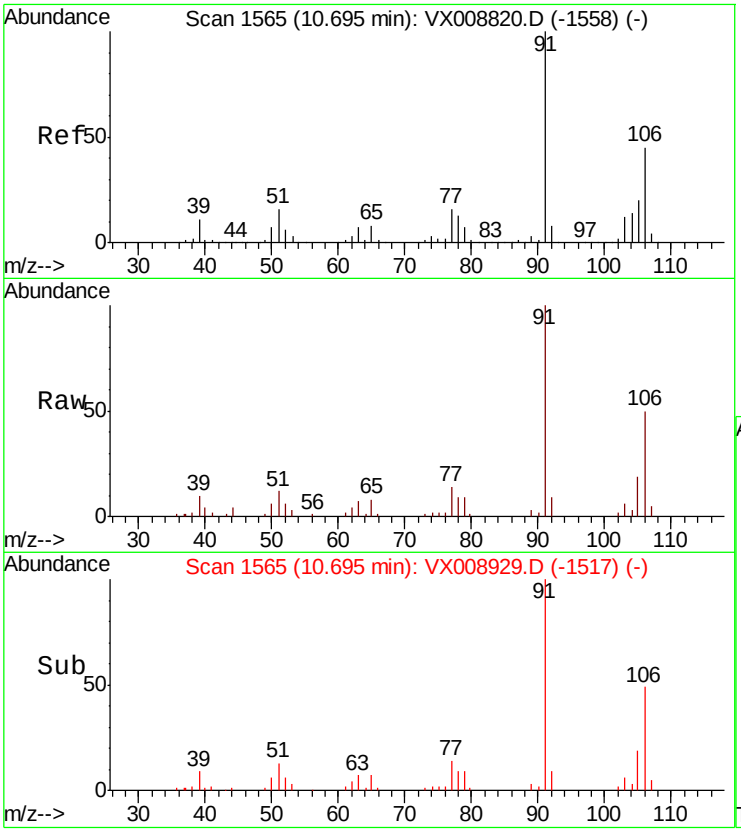


#68
m/p-Xylenes
Concen: 2.603 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion:106 Resp: 10381

Ion	Ratio	Lower	Upper
106	100		
91	213.1	168.5	252.7



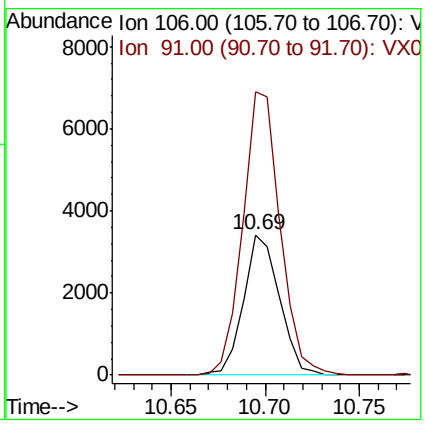


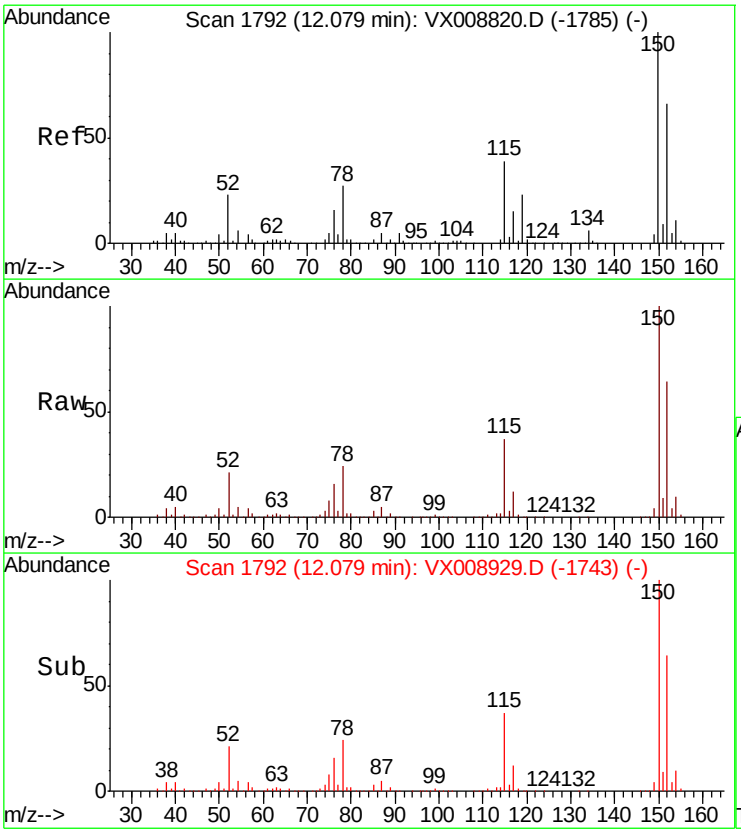
#69
o-Xylene
Concen: 1.170 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 4523

Ion	Ratio	Lower	Upper
106	100		
91	209.7	111.5	334.4

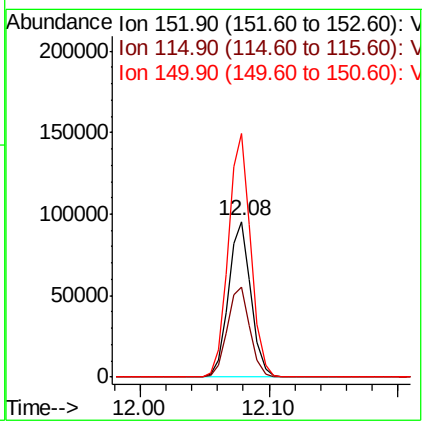


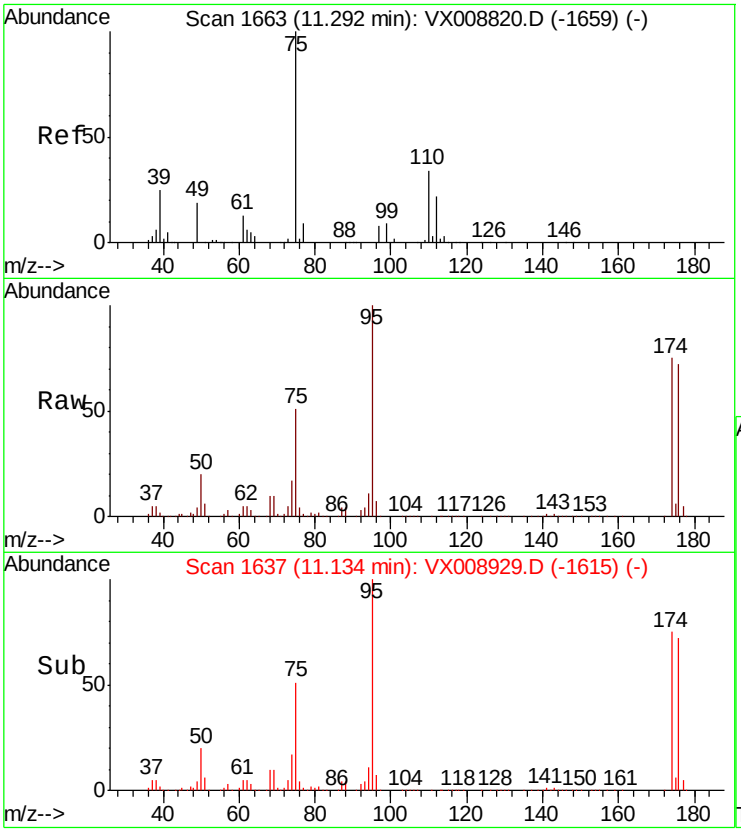


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion:152 Resp: 115672

Ion	Ratio	Lower	Upper
152	100		
115	58.8	43.5	130.5
150	157.5	0.0	348.8



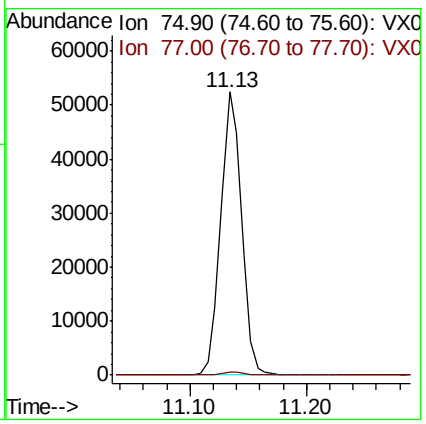


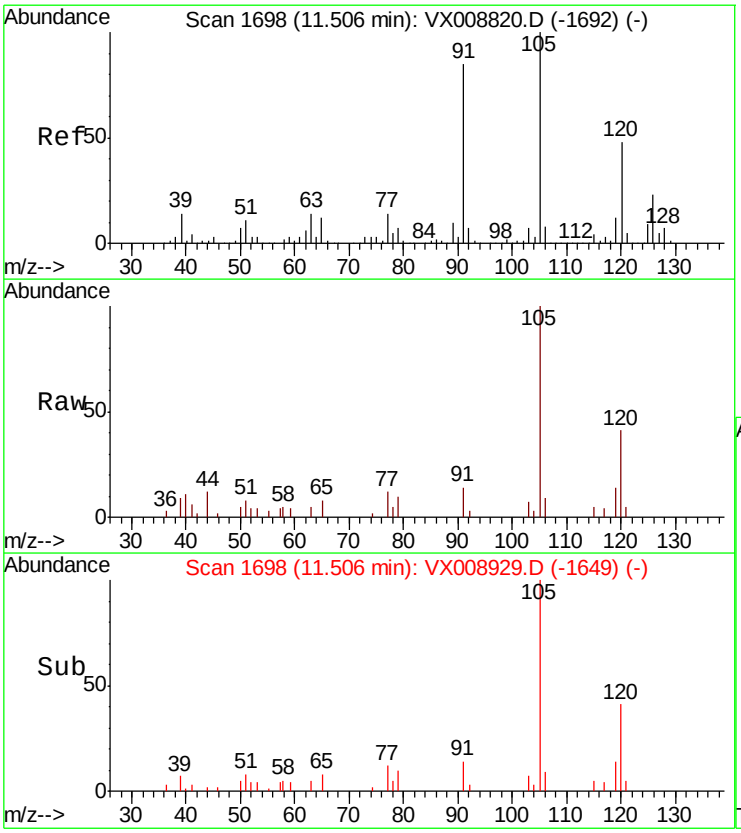
#76
1,2,3-Trichloropropane
Concen: 20.409 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 64851

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.3	66.8#

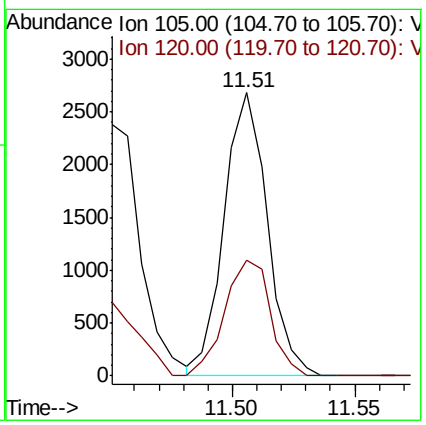


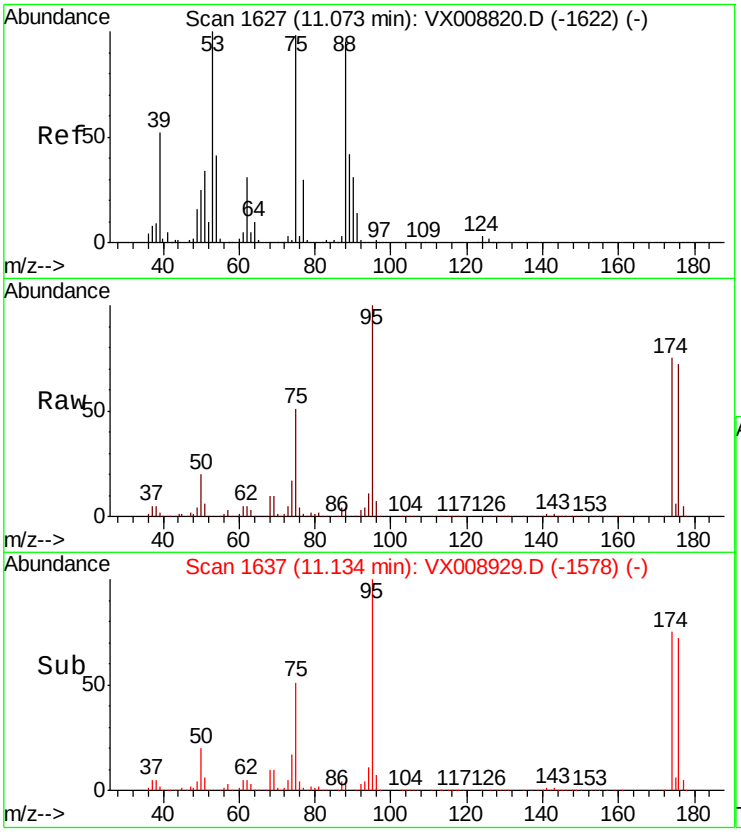


#80
1,3,5-Trimethylbenzene
Concen: 0.407 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion:105 Resp: 3279

Ion	Ratio	Lower	Upper
105	100		
120	43.5	23.5	70.6



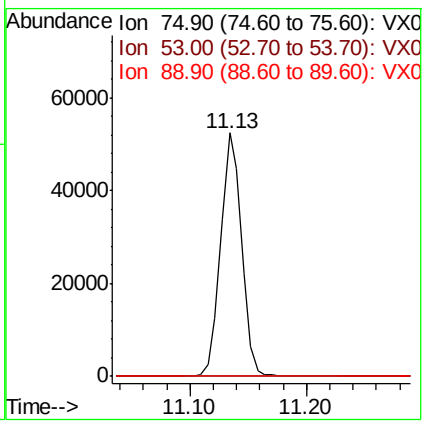


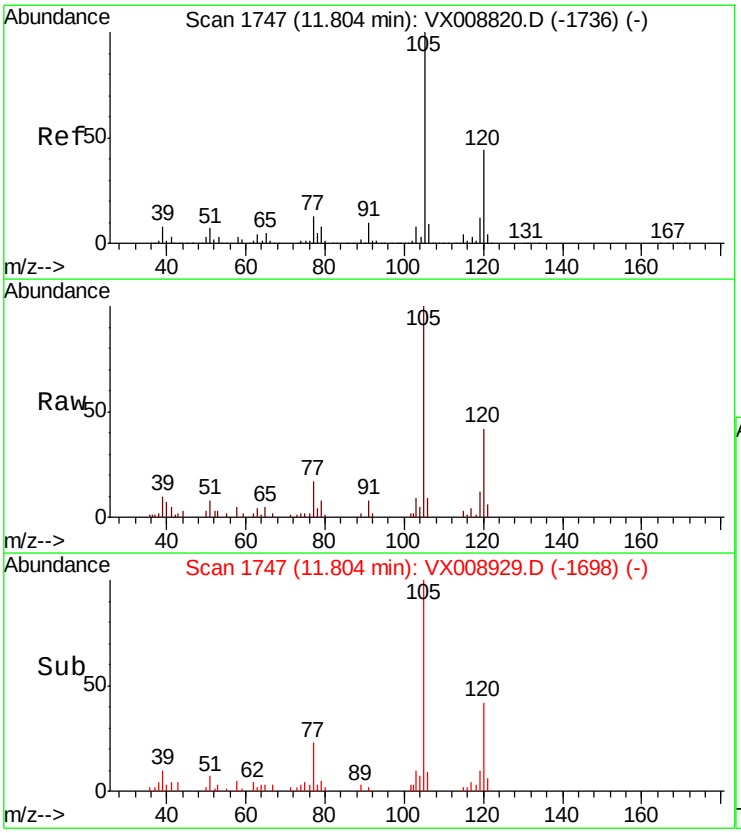
#81
trans-1,4-Dichloro-2-butene
Concen: 56.257 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 64851

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.3	121.9#
89	0.1	35.6	53.4#

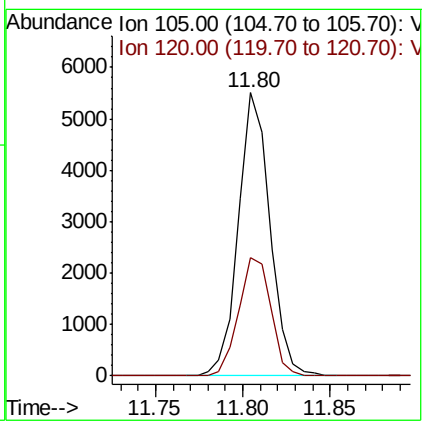


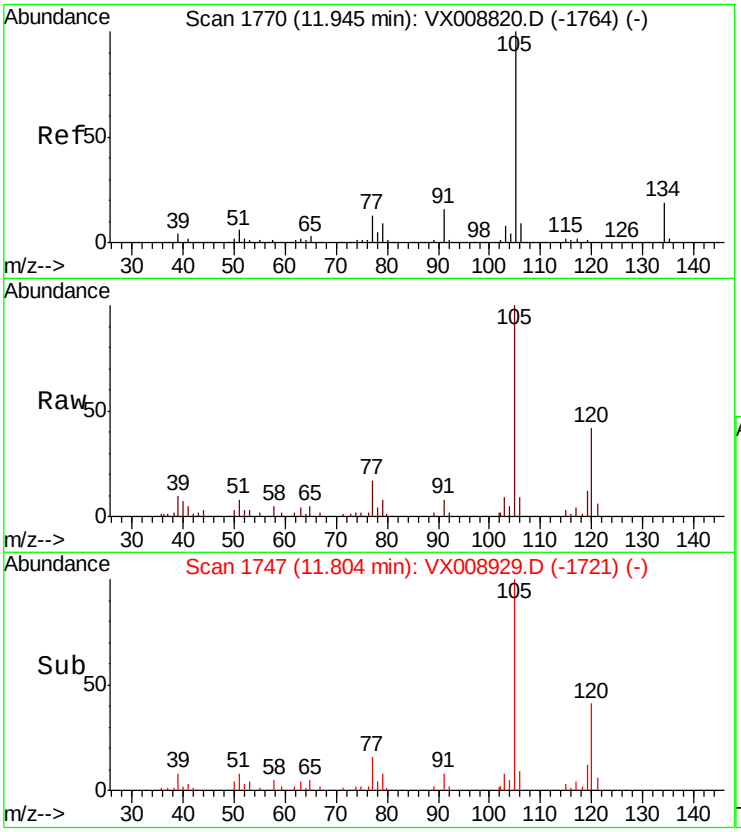


#84
1,2,4-Trimethylbenzene
Concen: 0.850 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion:105 Resp: 6923

Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.8	65.3

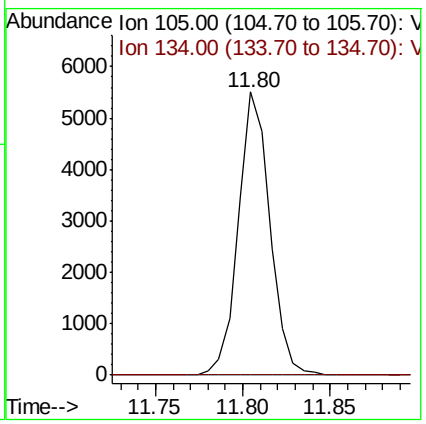




#85
sec-Butylbenzene
Concen: 0.753 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX008929.D
Acq: 13 Apr 2019 14:12

Tgt Ion:105 Resp: 6923

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.4	28.2#



Instrument :
MSVOA_X
ClientSampleId :