Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102319\
Data File : VY000388.D
Acq On : 23 Oct 2019 17:55
Operator : SY/MD
Sample : K5500-04
Misc : 7.47G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 24 04:47:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	227202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	394320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	345506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	128702	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.40%			
35) Dibromofluoromethane	7.73	113	111783	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.00%			
50) Toluene-d8	10.18	98	460342	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.62%			
62) 4-Bromofluorobenzene	12.48	95	148301	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.93	85	186	Below Cal	#	41
10) Methyl Iodide	4.10	142	38	1.197	ug/l #	41
11) Tert butyl alcohol	4.99	59	447	1.782	ug/l #	73
16) Acetone	3.96	43	10424	13.431	ug/l	92
20) Methylene Chloride	4.72	84	2106	Below Cal	#	78
25) 2-Butanone	7.00	43	2636	2.411	ug/l	93
31) Cyclohexane	7.79	56	4693	1.024	ug/l #	22
36) 1,1-Dichloropropene	7.80	75	17031	4.411	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21723	5.811	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	80156	41.762	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80156	91.374	ug/l #	14

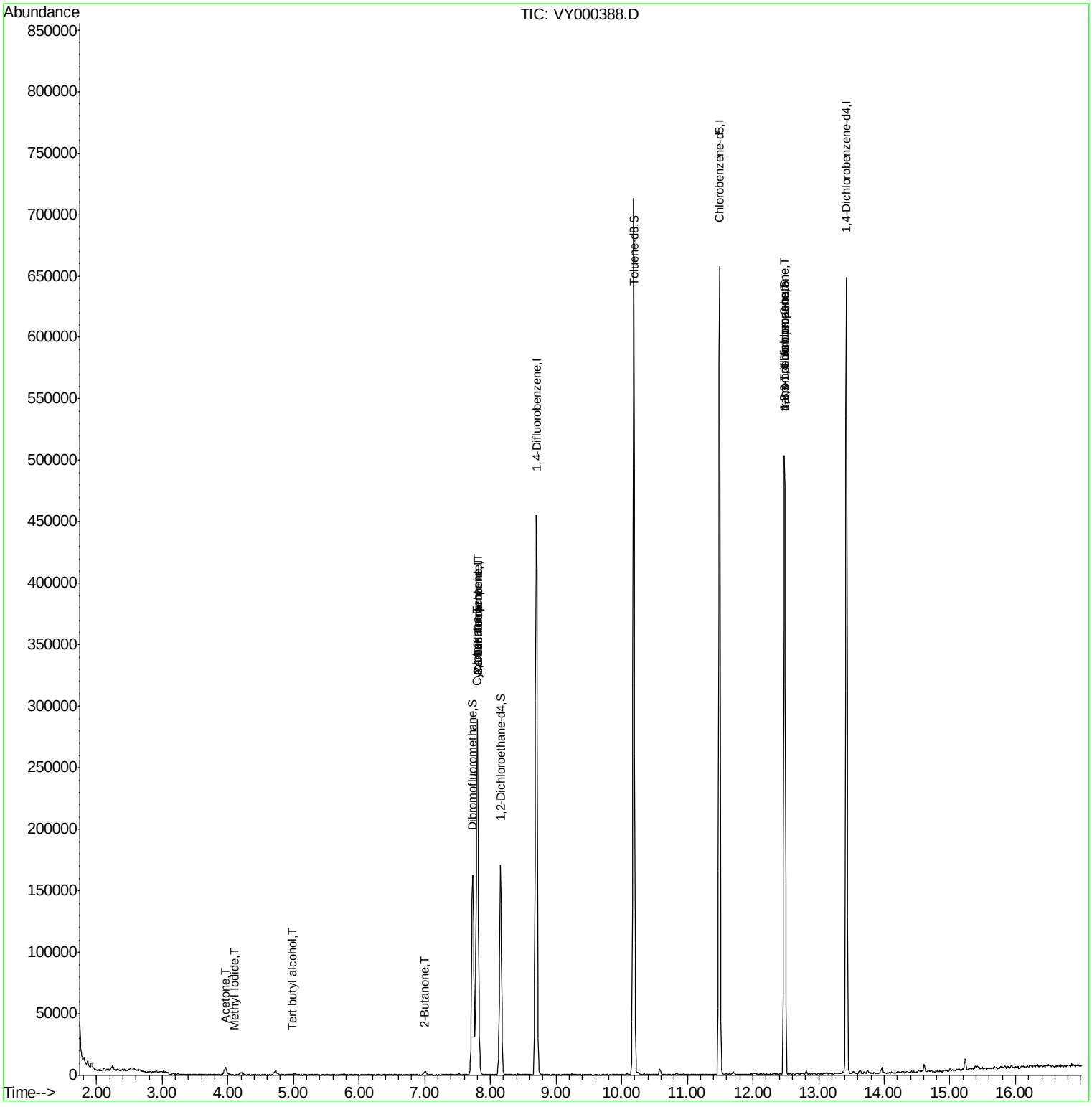
(#) = qualifier out of range (m) = manual integration (+) = signals summed

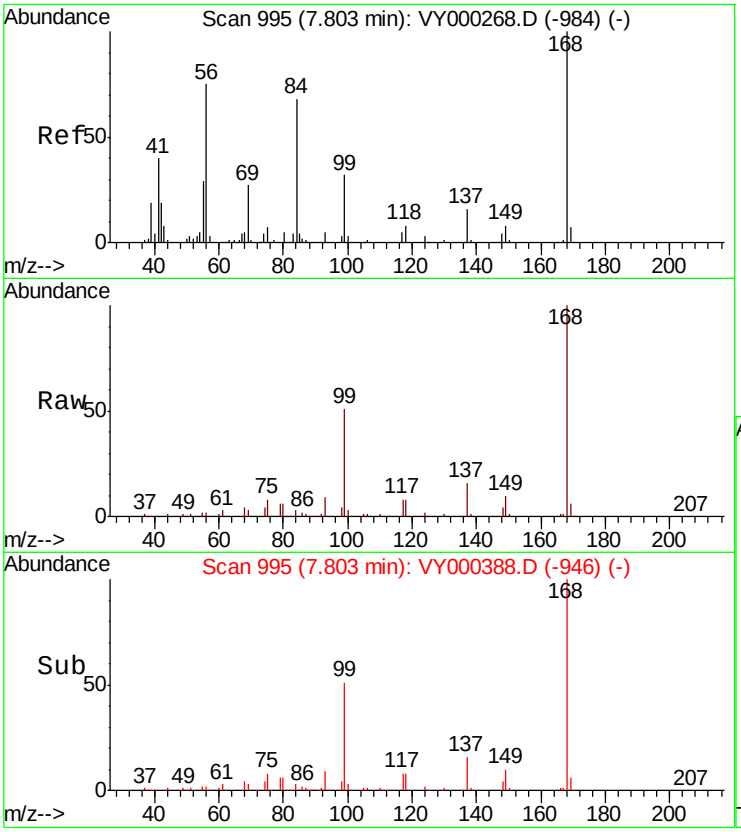
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102319\
Data File : VY000388.D
Acq On : 23 Oct 2019 17:55
Operator : SY/MD
Sample : K5500-04
Misc : 7.47G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 24 04:47:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration



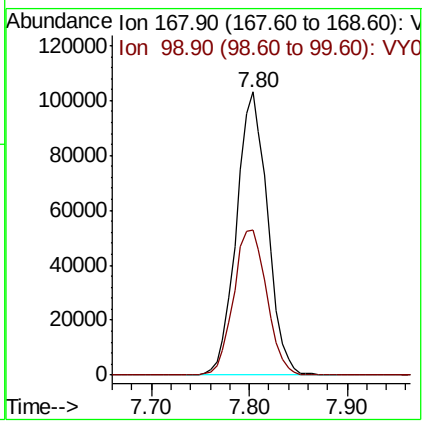


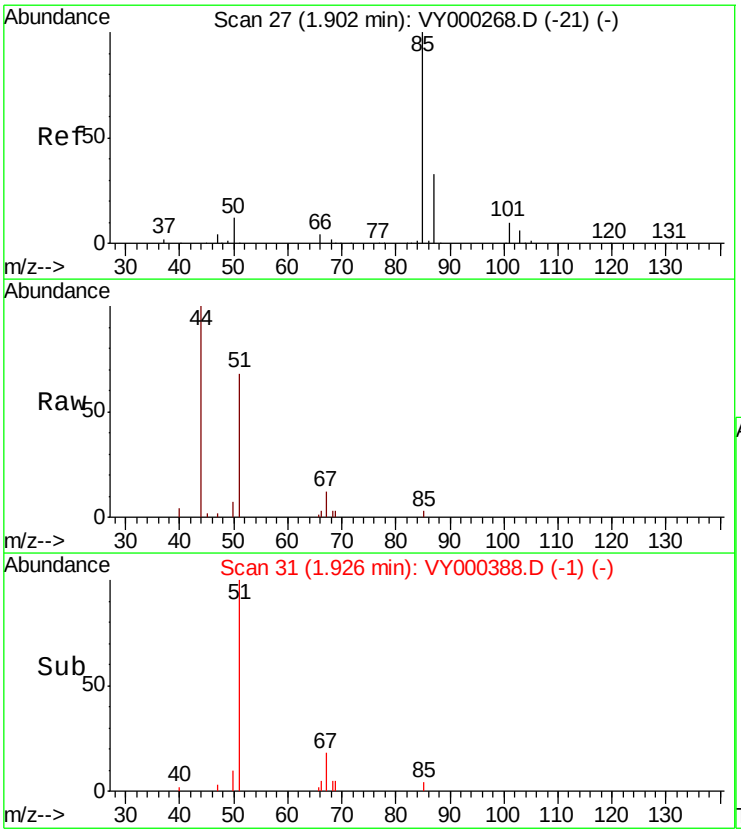
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 227202

Ion	Ratio	Lower	Upper
168	100		
99	51.4	46.6	69.8

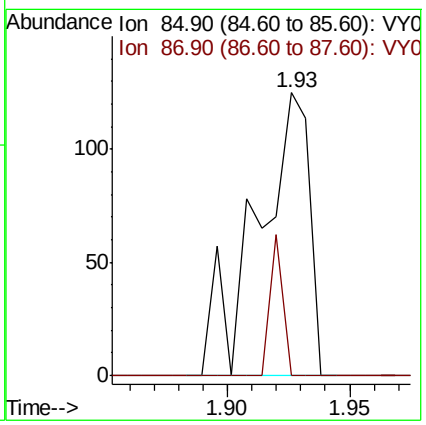


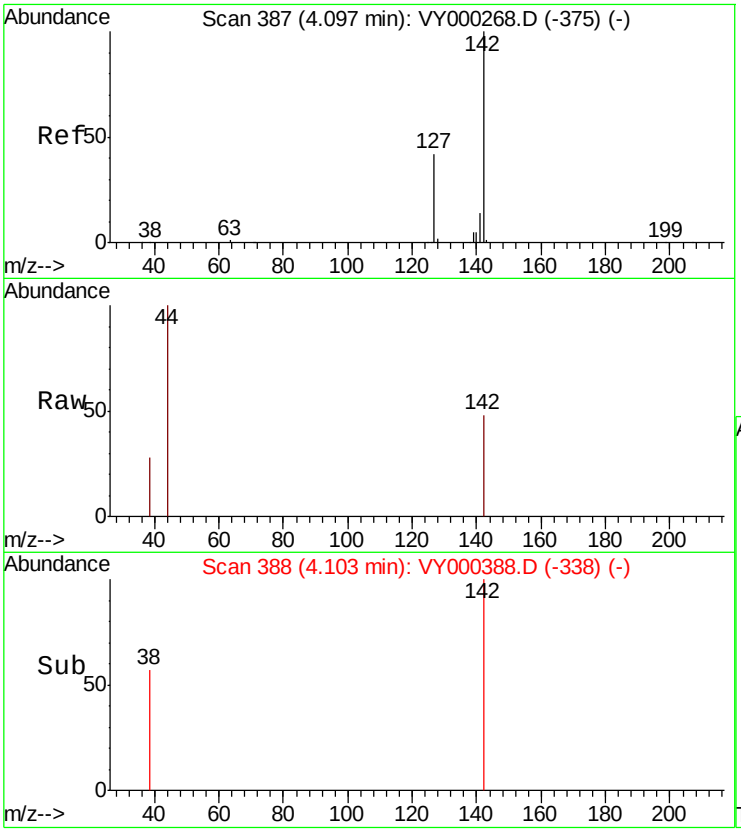


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.93 min Scan# 31
Delta R.T. 0.03 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Tgt Ion: 85 Resp: 186

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



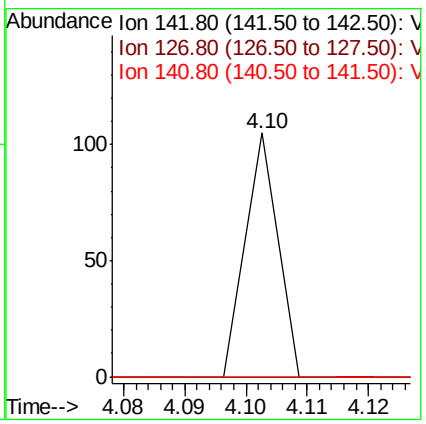


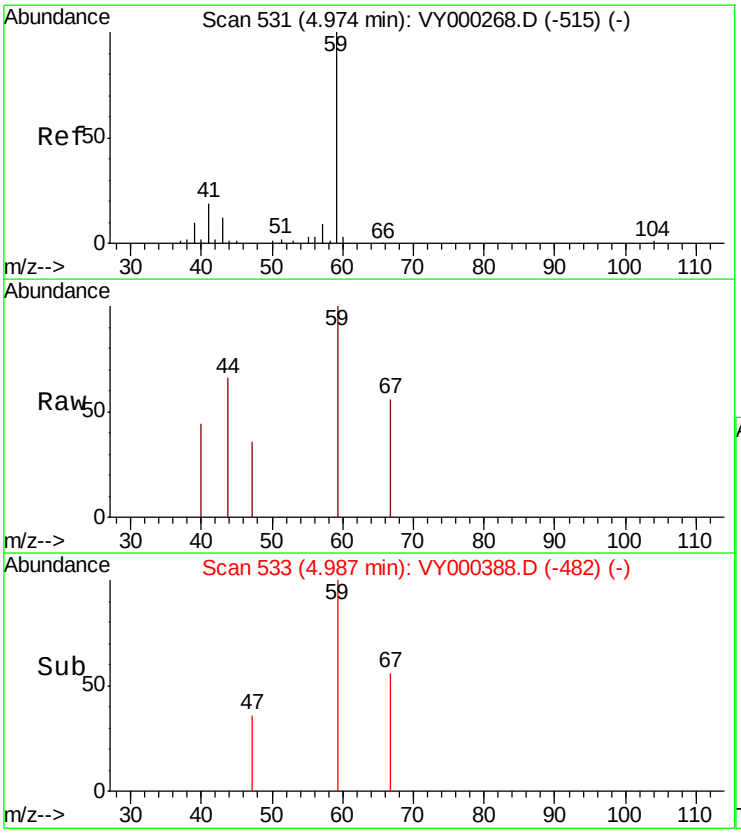
#10
Methyl Iodide
Concen: 1.197 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 38

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.9	50.9#
141	0.0	11.2	16.8#

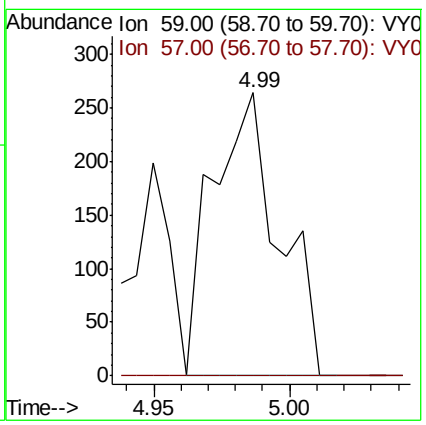


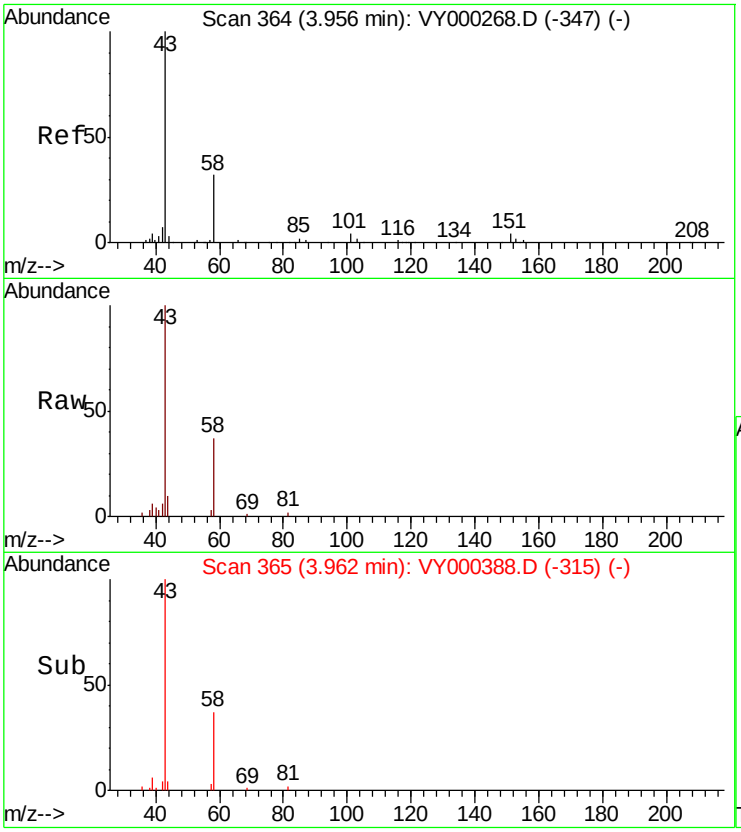


#11
Tert butyl alcohol
Concen: 1.782 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Tgt Ion: 59 Resp: 447

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



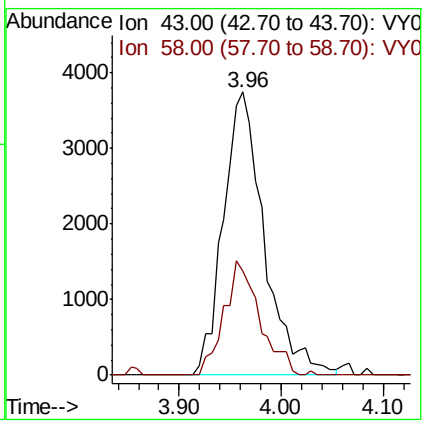


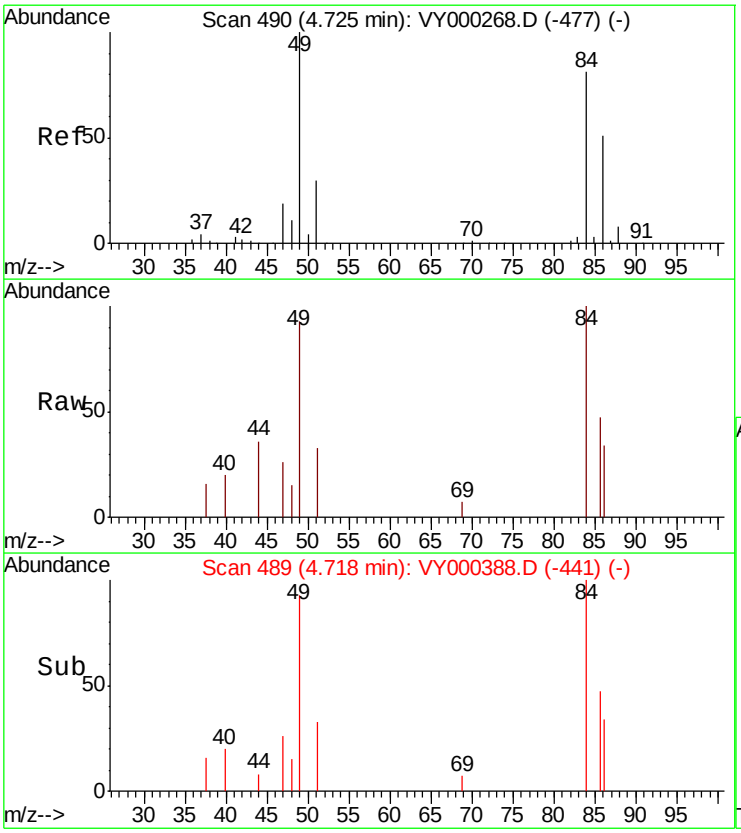
#16
Acetone
Concen: 13.431 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 10424

Ion	Ratio	Lower	Upper
43	100		
58	36.8	25.8	38.6

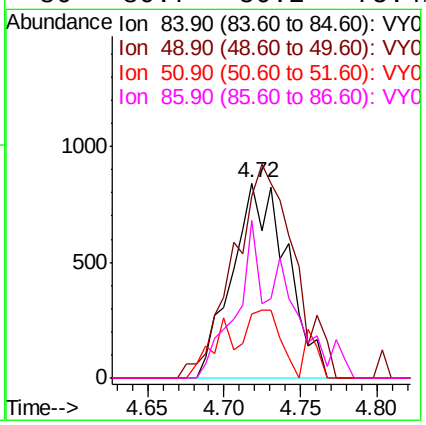


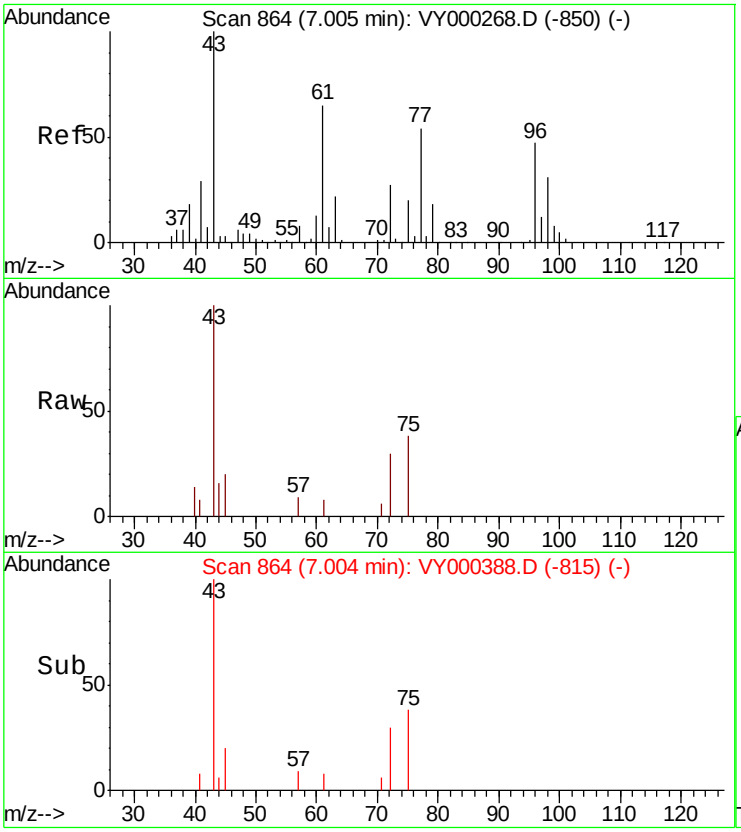


#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Tgt Ion: 84 Resp: 2106

Ion	Ratio	Lower	Upper
84	100		
49	93.5	99.0	148.4#
51	32.9	29.3	43.9
86	80.7	50.2	75.4#



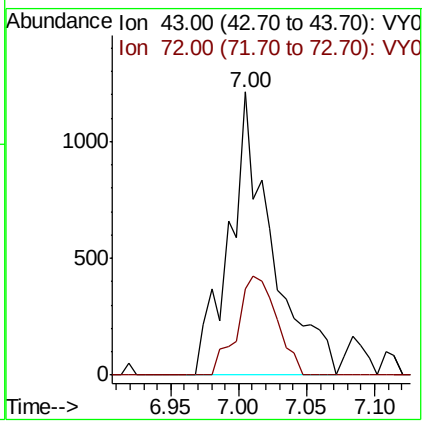


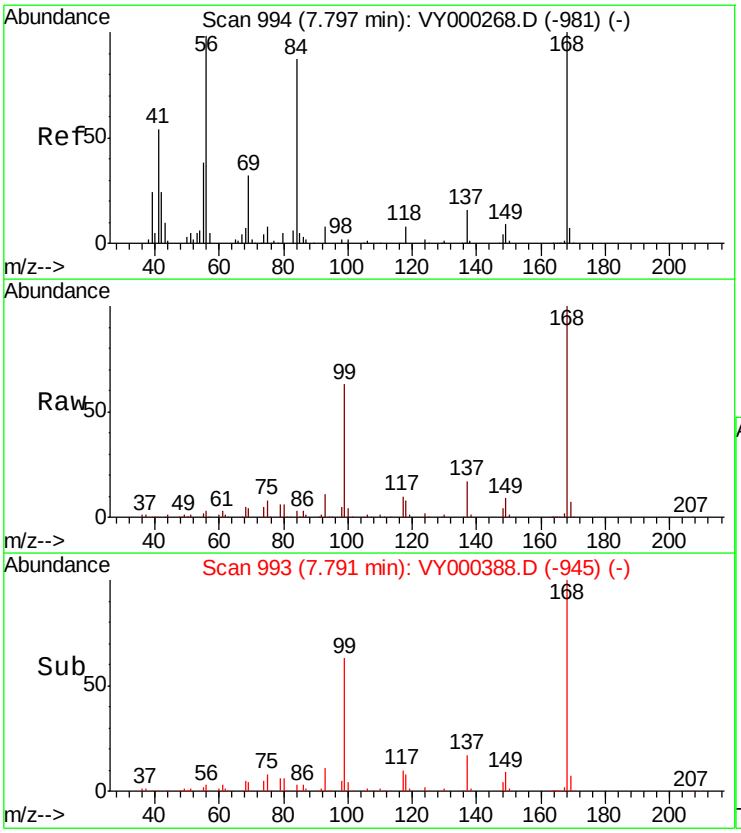
#25
2-Butanone
Concen: 2.411 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2636

Ion	Ratio	Lower	Upper
43	100		
72	30.4	21.4	32.2

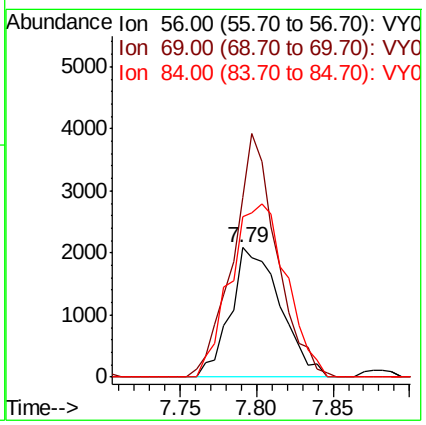


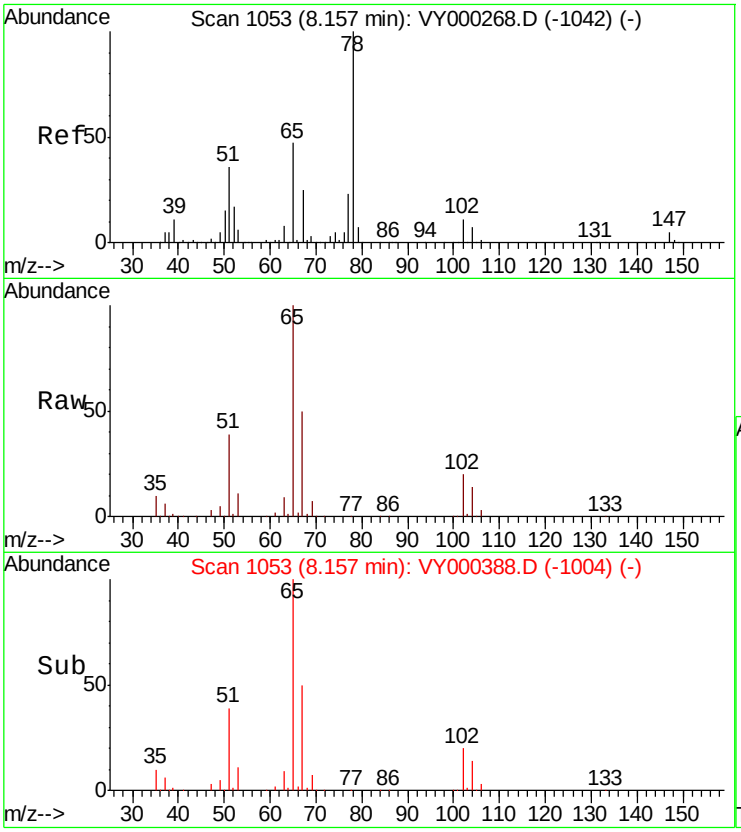


#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Tgt Ion: 56 Resp: 4693

Ion	Ratio	Lower	Upper
56	100		
69	138.3	26.3	39.5#
84	123.9	70.8	106.2#



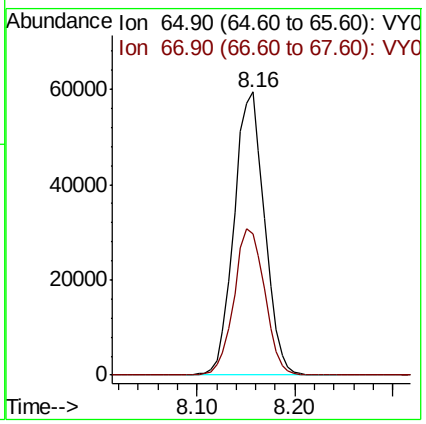


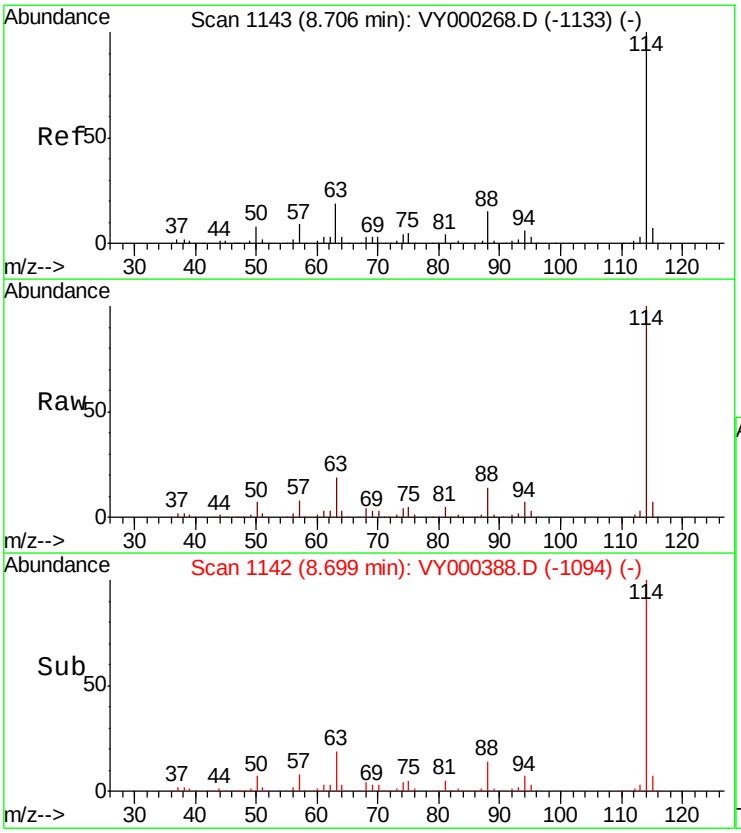
#33
1,2-Dichloroethane-d4
Concen: 53.701 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 128702

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	109.4

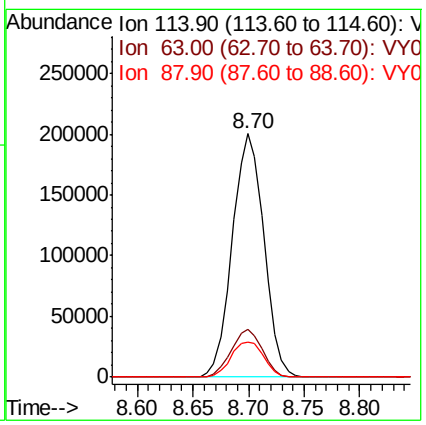


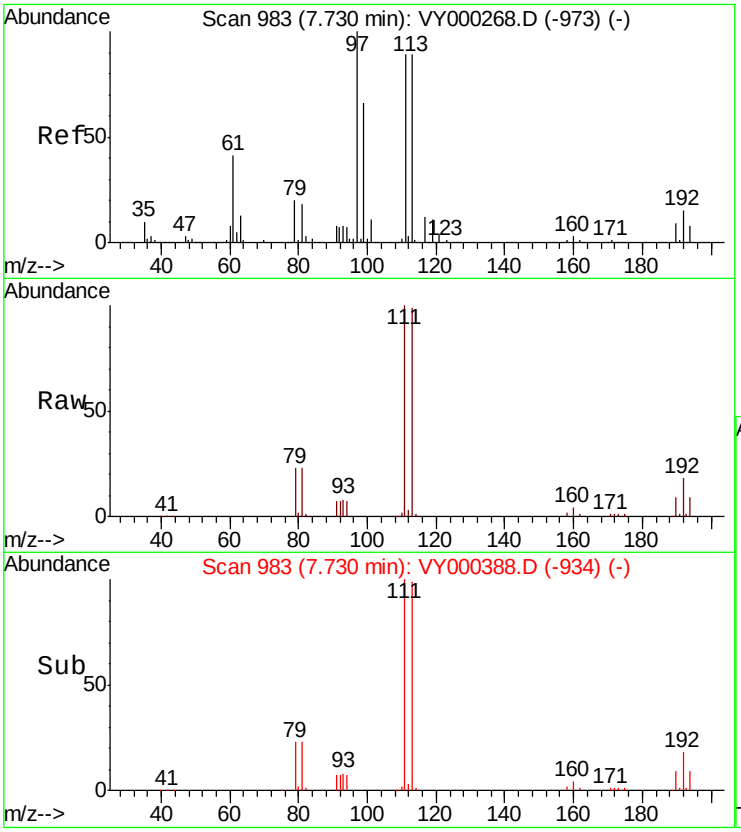


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Tgt Ion:114 Resp: 394320

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.2
88	14.2	0.0	30.2



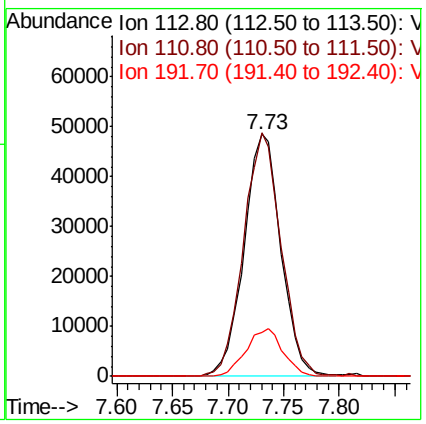


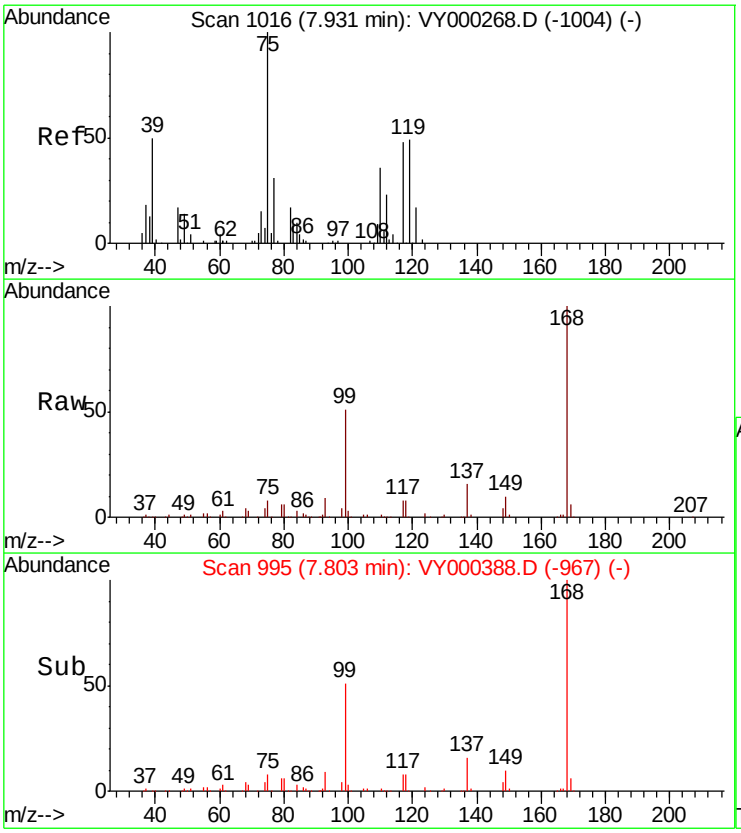
#35
Dibromofluoromethane
Concen: 46.996 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 111783

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	19.9	15.3	22.9

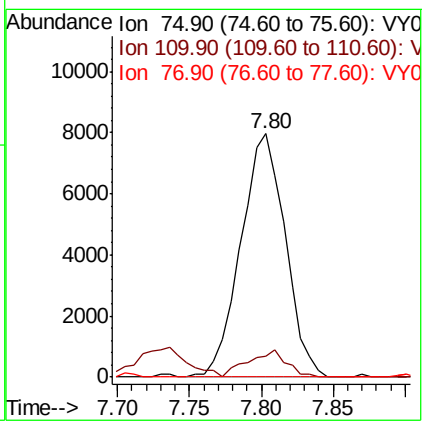


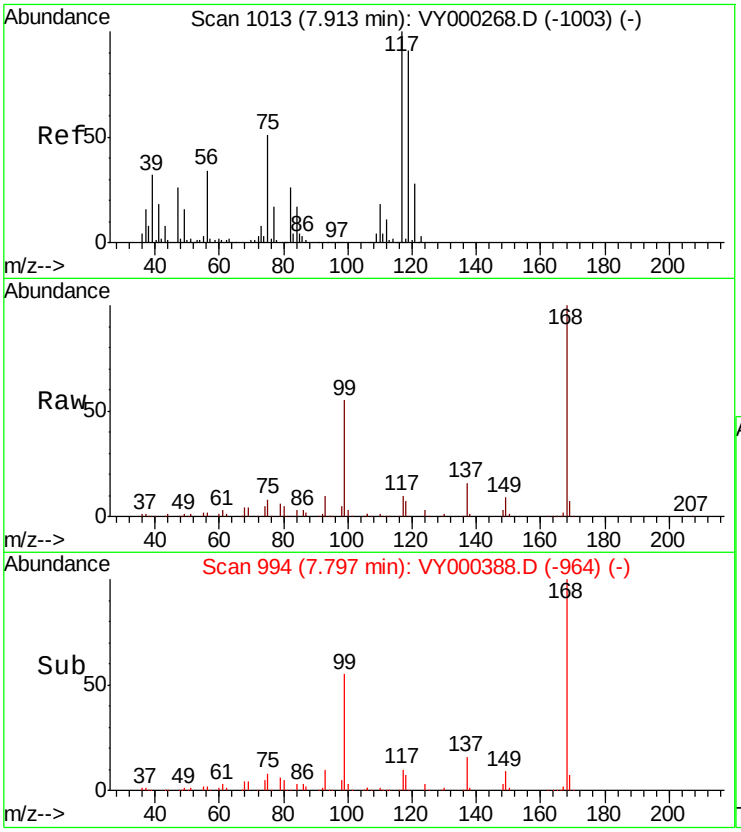


#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Tgt Ion: 75 Resp: 17031

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.4	55.4#
77	0.0	25.0	37.6#



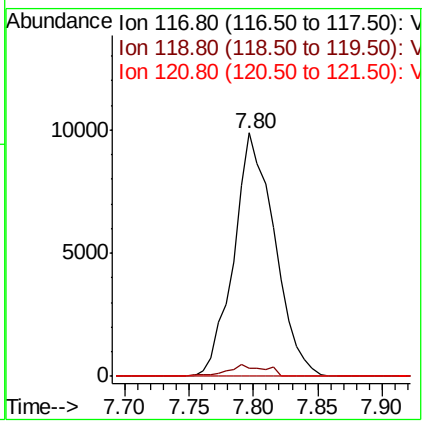


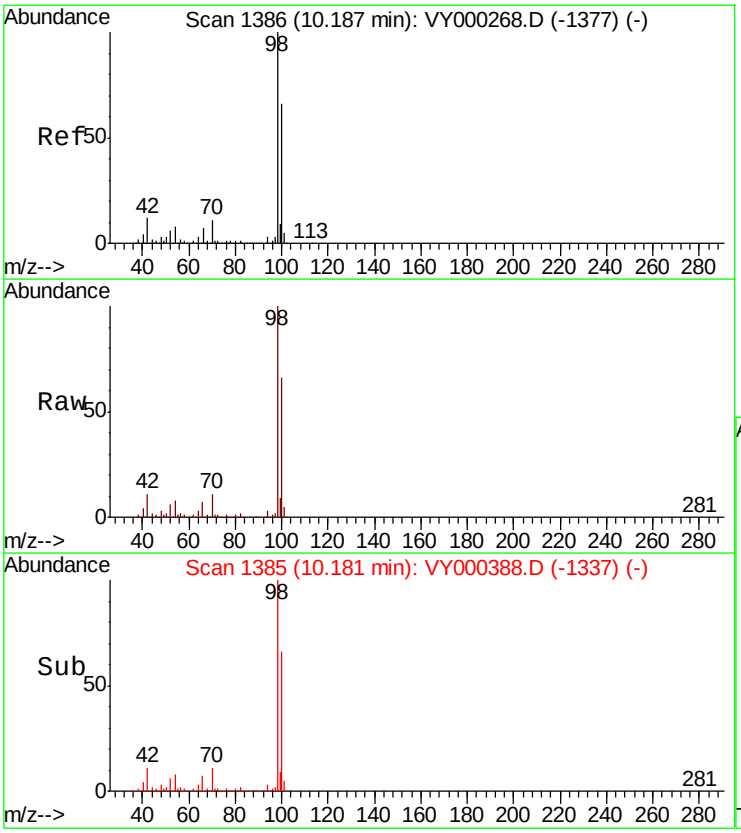
#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 21723

Ion	Ratio	Lower	Upper
117	100		
119	3.2	72.8	109.2#
121	0.0	22.2	33.2#

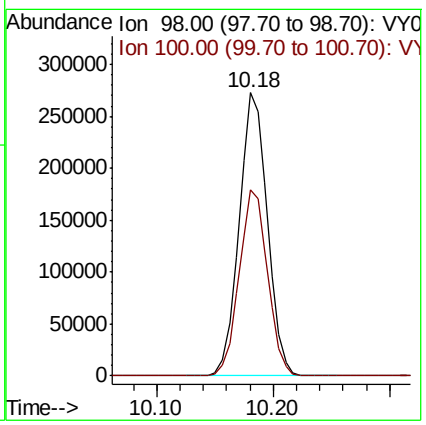


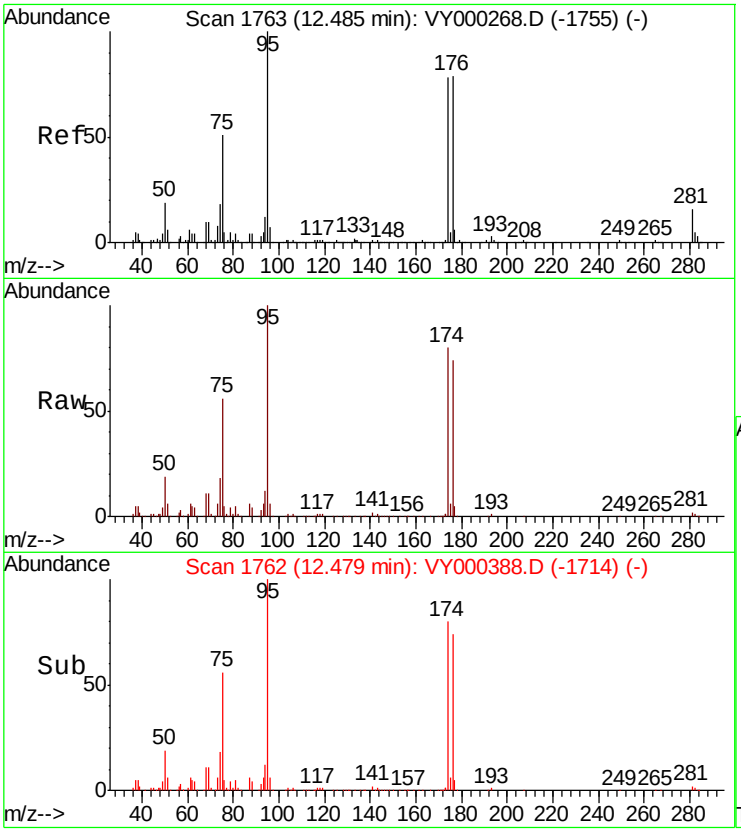


#50
Toluene-d8
Concen: 50.312 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Tgt Ion: 98 Resp: 460342

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.8	79.2



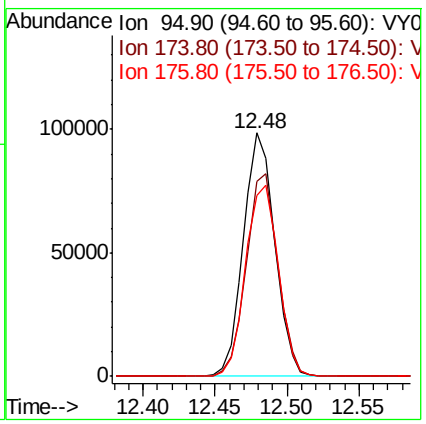


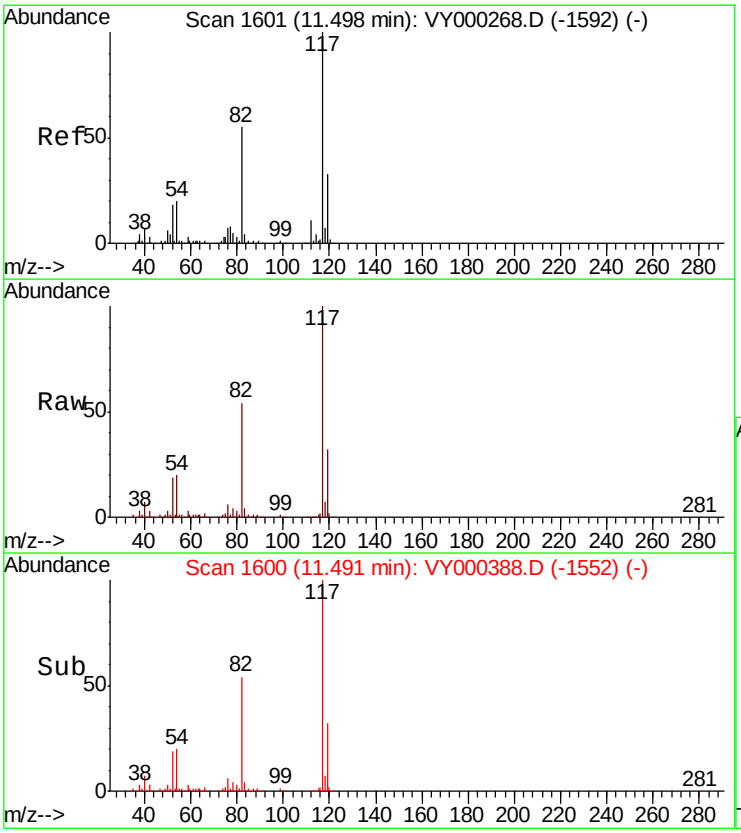
#62
4-Bromofluorobenzene
Concen: 42.663 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 148301

Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	159.6
176	81.9	0.0	153.8

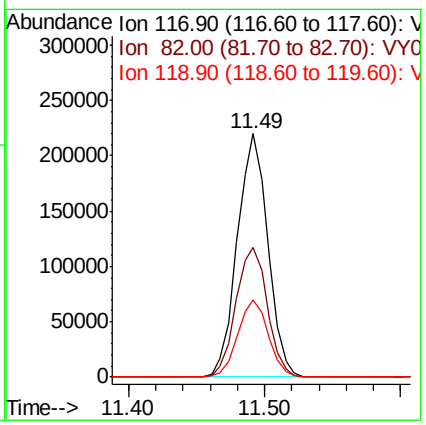


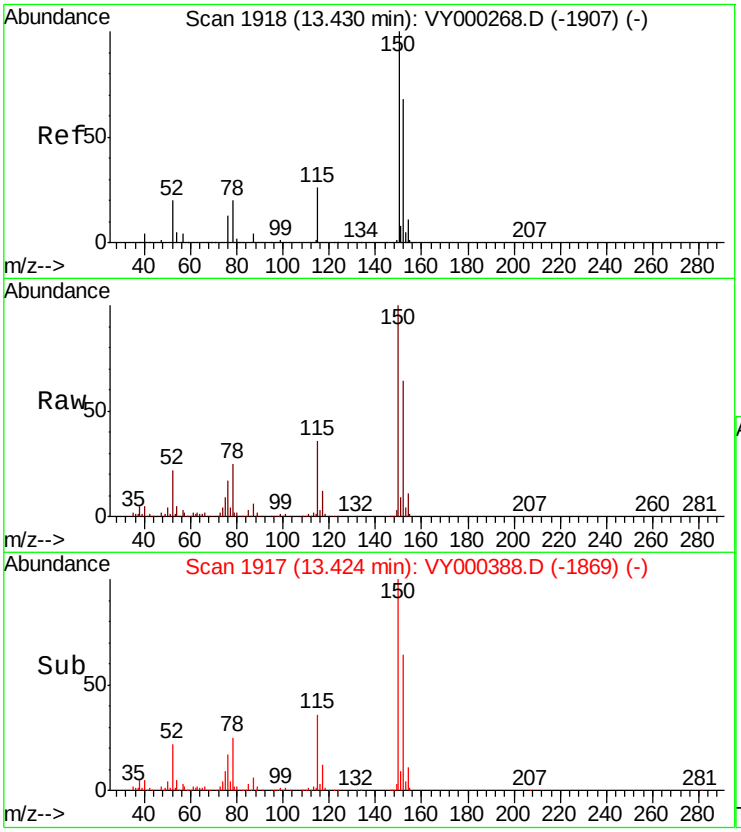


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Tgt Ion:117 Resp: 345506

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.7	65.5
119	31.7	26.6	39.8



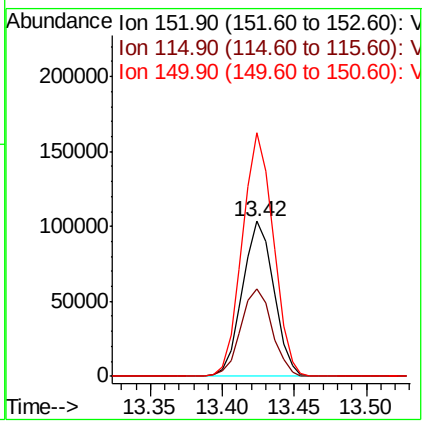


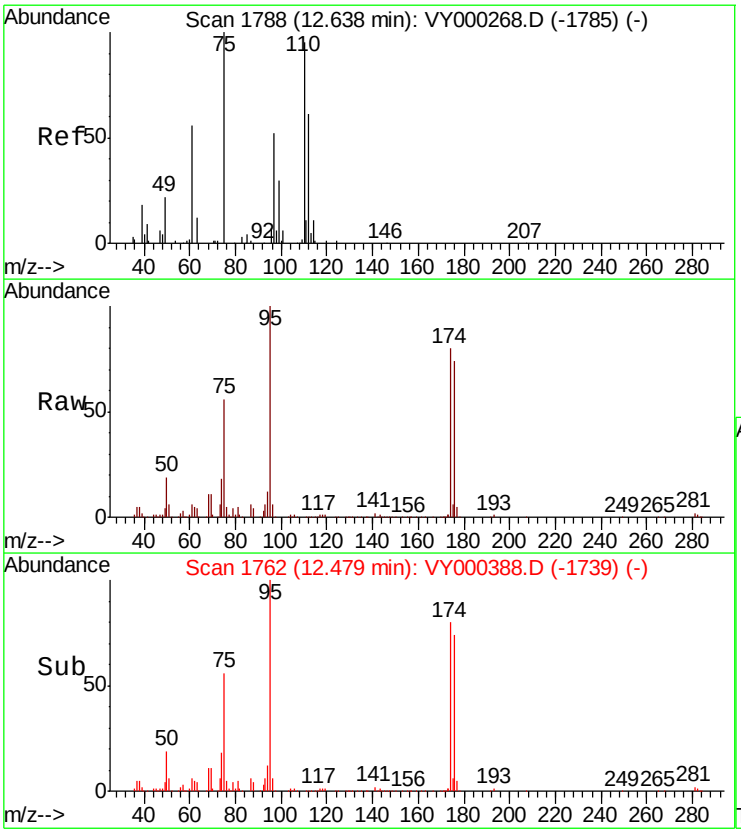
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 156088

Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.3	88.0
150	155.3	0.0	348.4

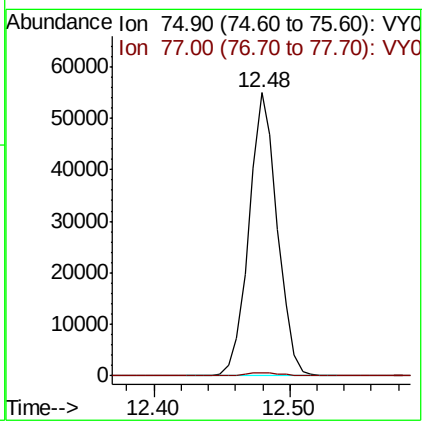


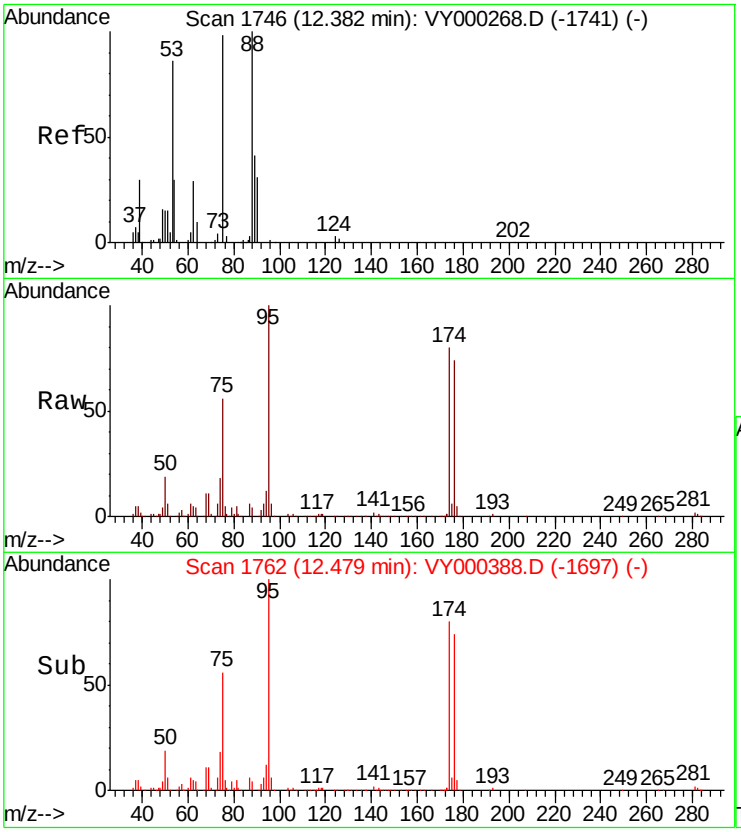


#76
1,2,3-Trichloropropane
Concen: 41.762 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Tgt Ion: 75 Resp: 80156

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.374 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000388.D
Acq: 23 Oct 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80156

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.0	35.1	52.7#