Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011020\
Data File : VY001159.D
Acq On : 10 Jan 2020 19:55
Operator : SY/MD
Sample : L1054-07
Misc : 5.78G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CIY1-SB-01-3-4

Quant Time: Jan 11 03:23:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	155004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	285616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	255881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	83001	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.40%			
35) Dibromofluoromethane	7.73	113	84531	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.10%			
50) Toluene-d8	10.18	98	338300	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.00%			
62) 4-Bromofluorobenzene	12.48	95	119948	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.06%			
Target Compounds						Qvalue
16) Acetone	3.96	43	19017	50.018	ug/l	99
17) Carbon Disulfide	4.21	76	15008	2.926	ug/l	99
25) 2-Butanone	7.00	43	8822	14.909	ug/l	100
95) Naphthalene	15.23	128	5016	1.029	ug/l #	96

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

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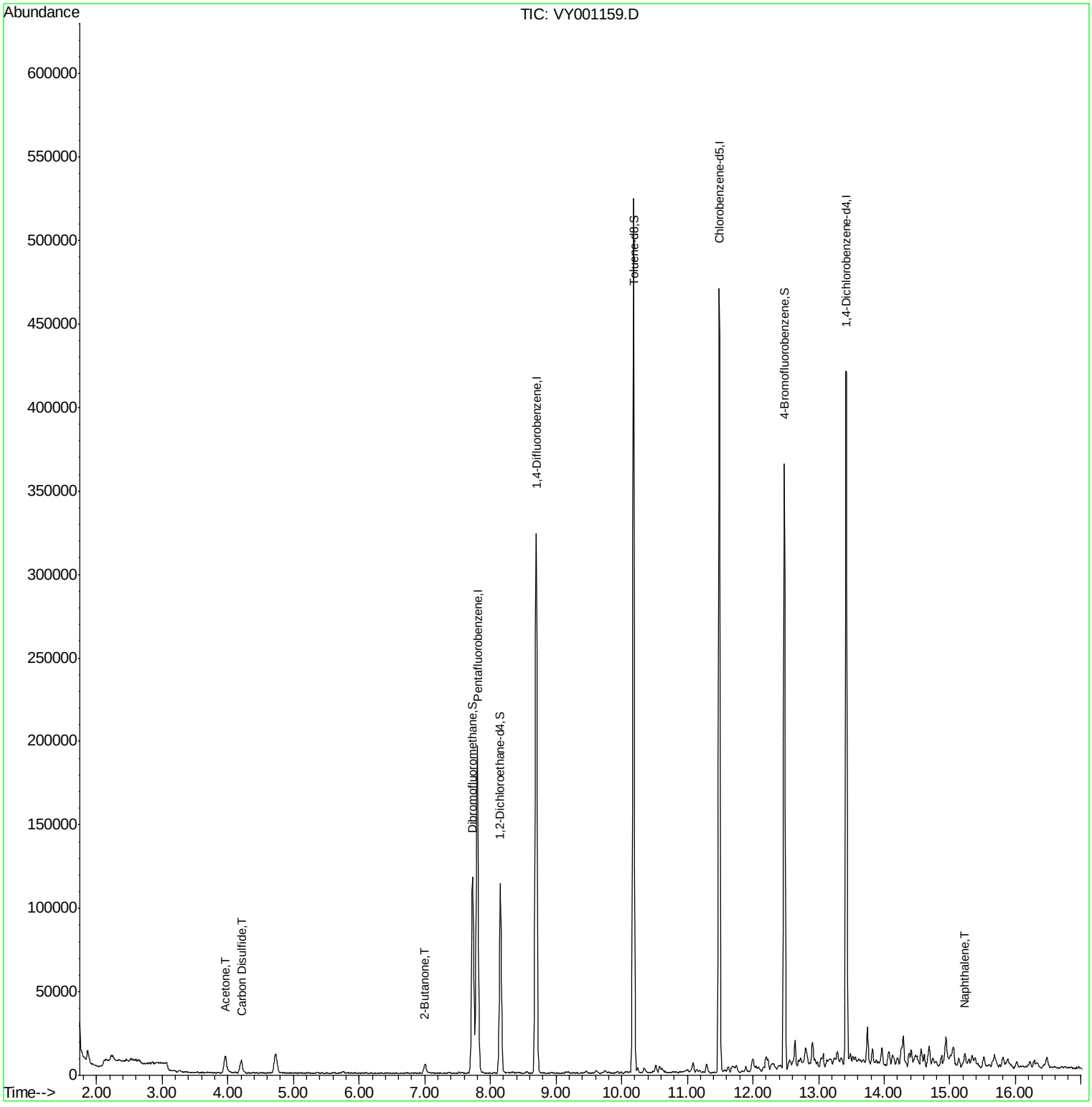
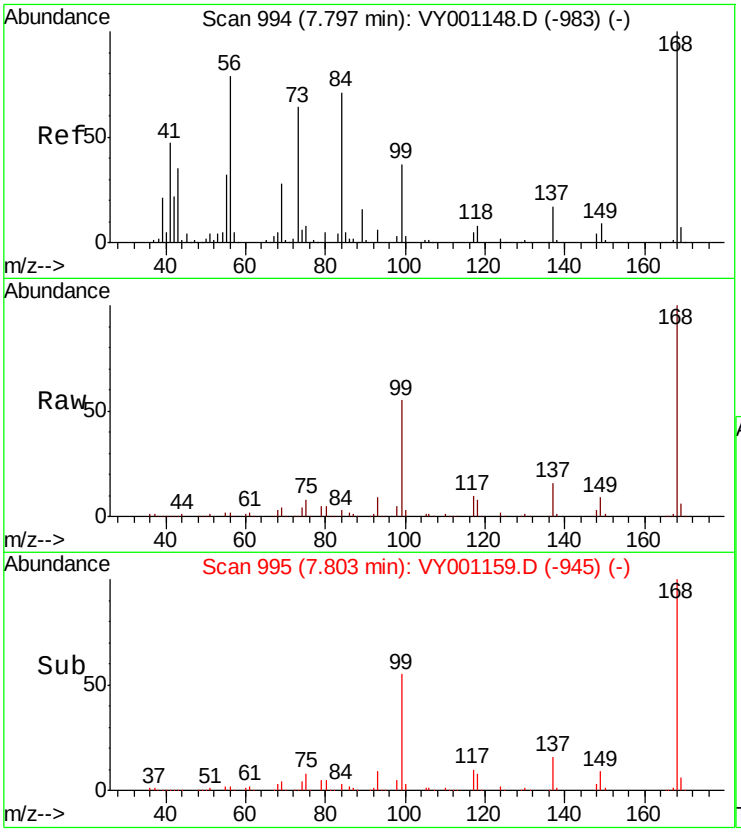


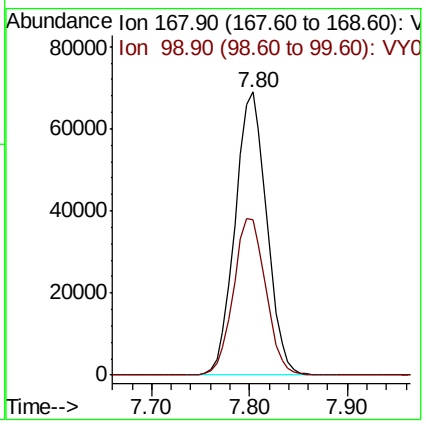


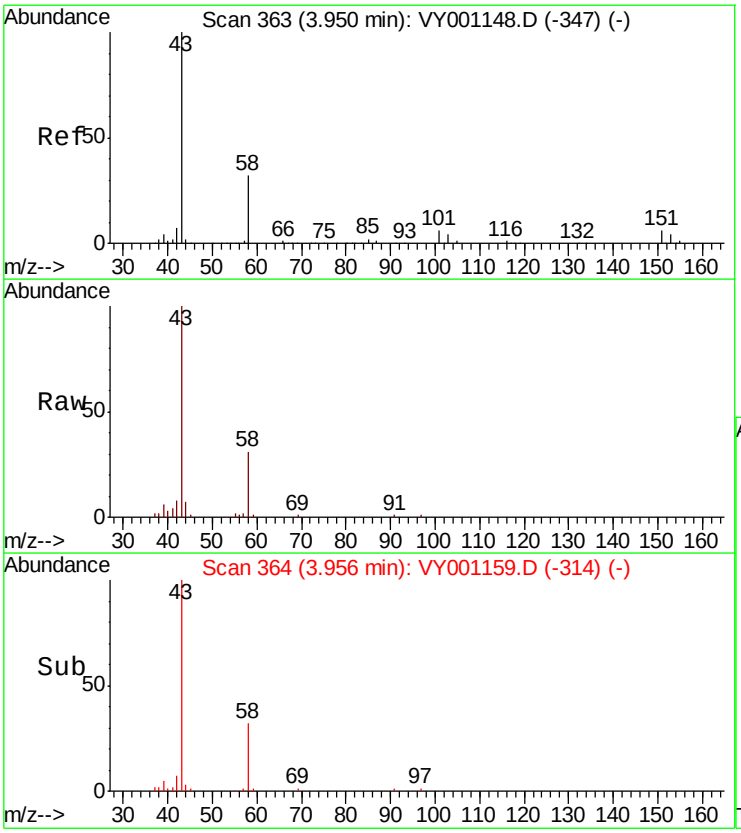
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Instrument : MSVOA_Y
ClientSampleId : CIY1-SB-01-3-4

Tgt Ion:168 Resp: 155004

Ion	Ratio	Lower	Upper
168	100		
99	54.9	47.9	71.9

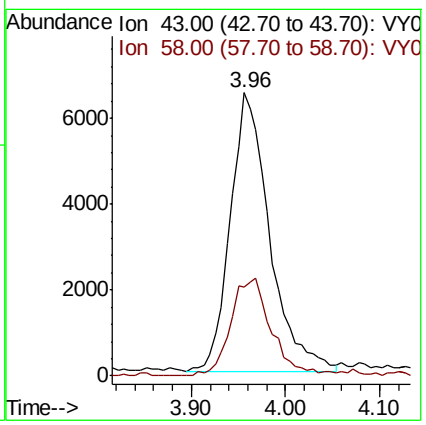


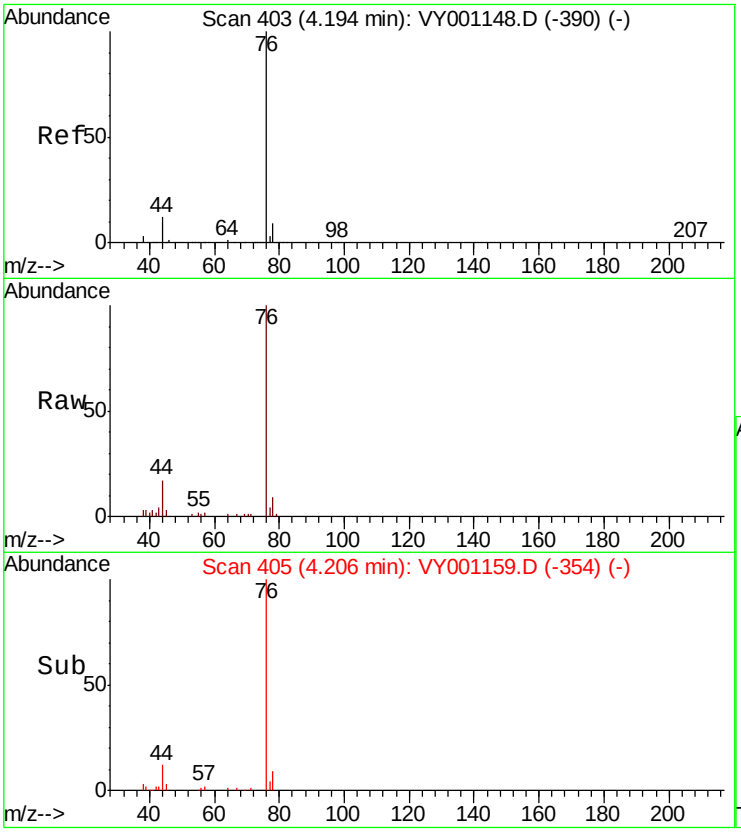


#16
Acetone
Concen: 50.018 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Tgt Ion: 43 Resp: 19017

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.8	38.6



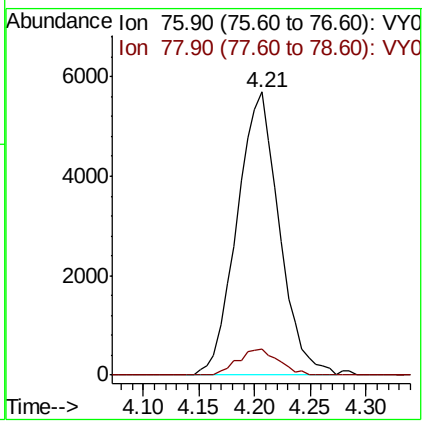


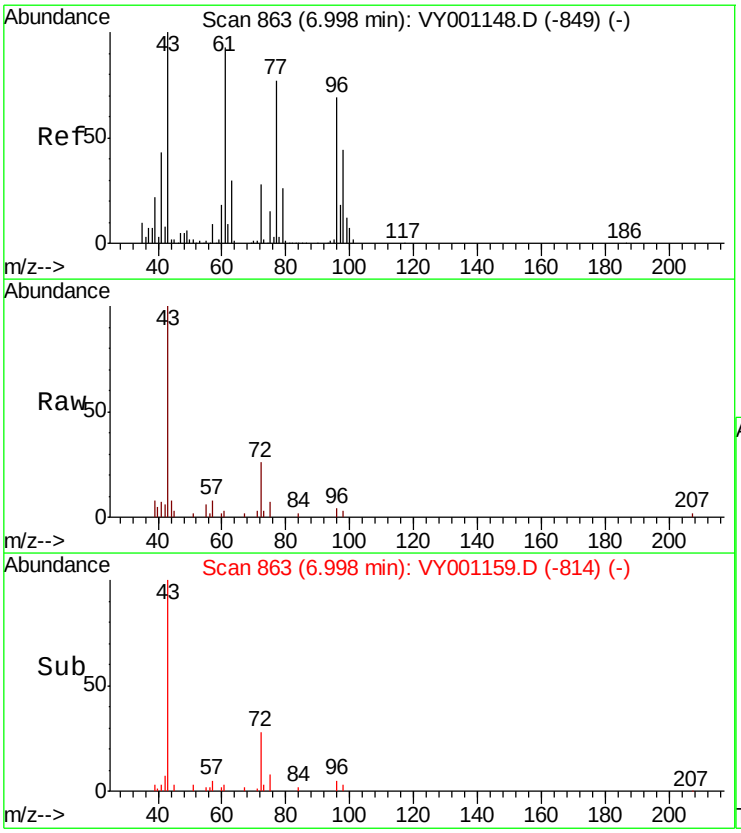
#17
Carbon Disulfide
Concen: 2.926 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-3-4

Tgt Ion: 76 Resp: 15008

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

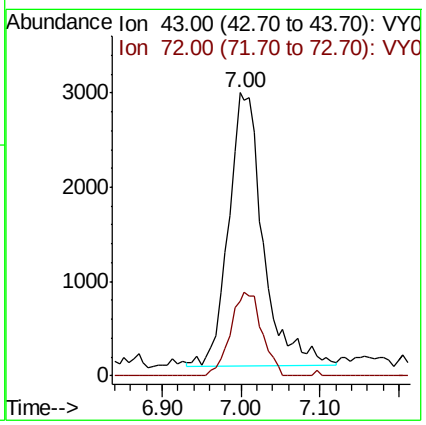


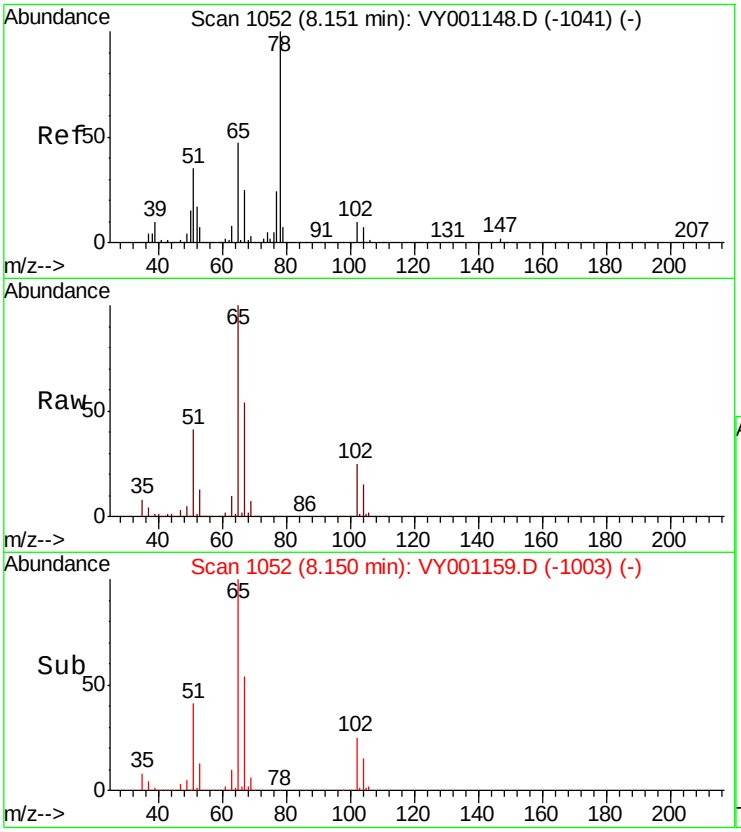


#25
2-Butanone
Concen: 14.909 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Tgt Ion: 43 Resp: 8822

Ion	Ratio	Lower	Upper
43	100		
72	27.4	22.2	33.2



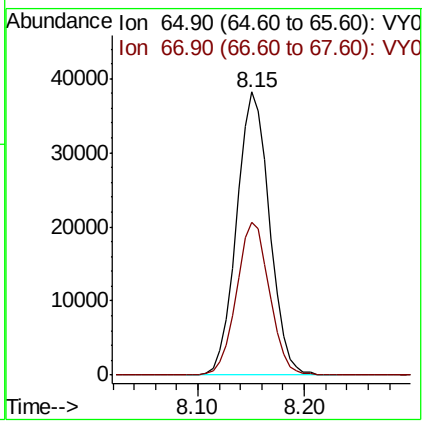


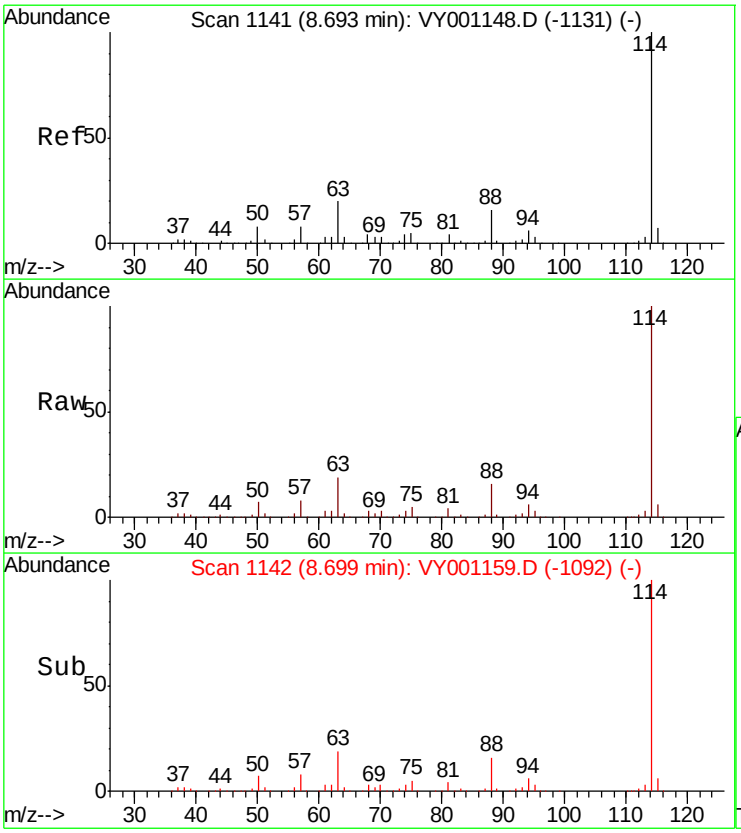
#33
1,2-Dichloroethane-d4
Concen: 50.700 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-3-4

Tgt Ion: 65 Resp: 83001

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	105.2

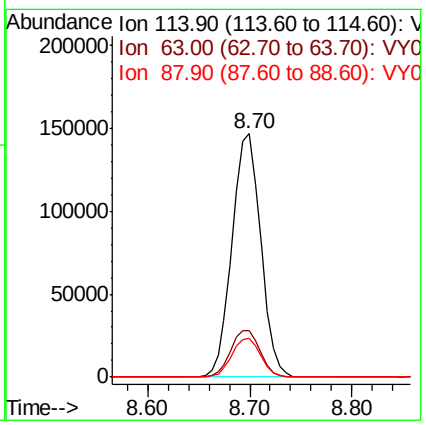


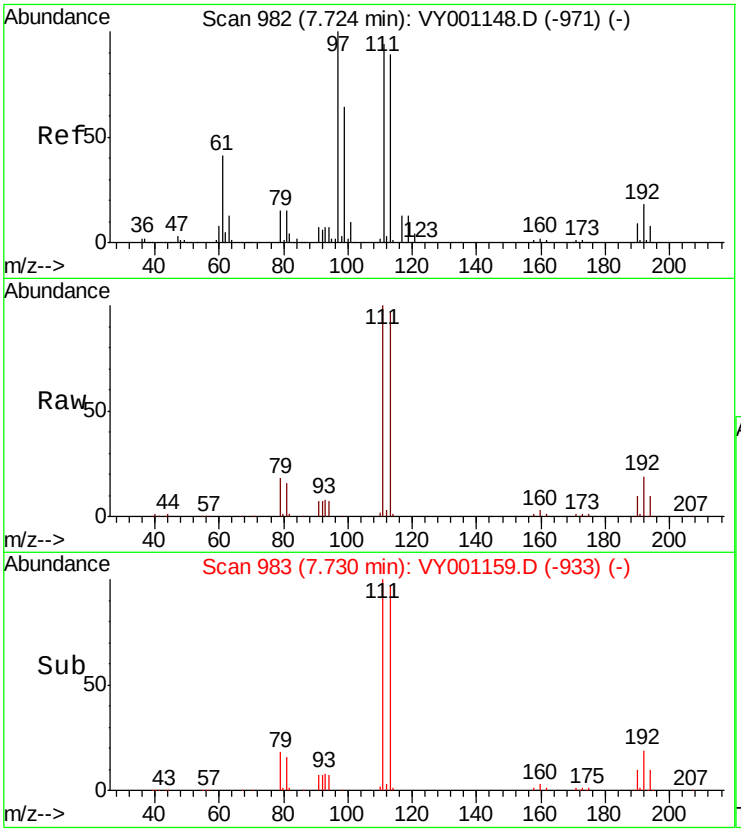


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Tgt Ion:114 Resp: 285616

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.8
88	15.8	0.0	32.4



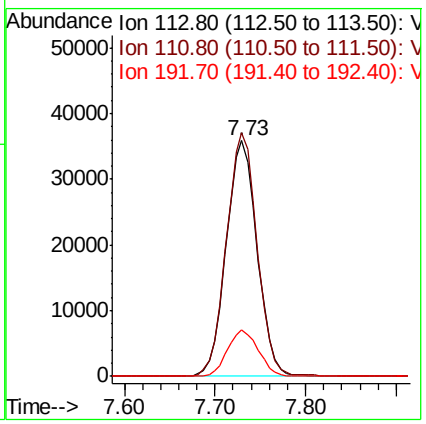


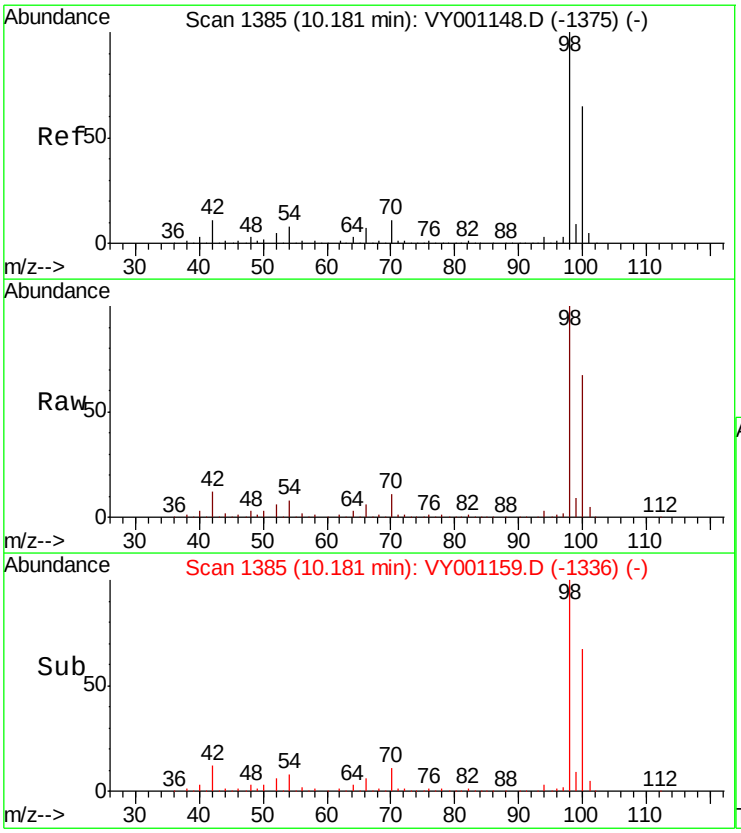
#35
Dibromofluoromethane
Concen: 50.548 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-3-4

Tgt Ion:113 Resp: 84531

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	19.8	15.4	23.2

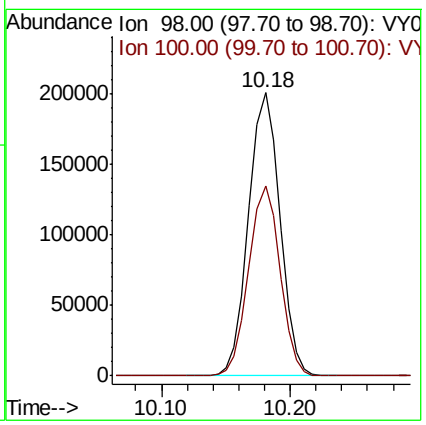


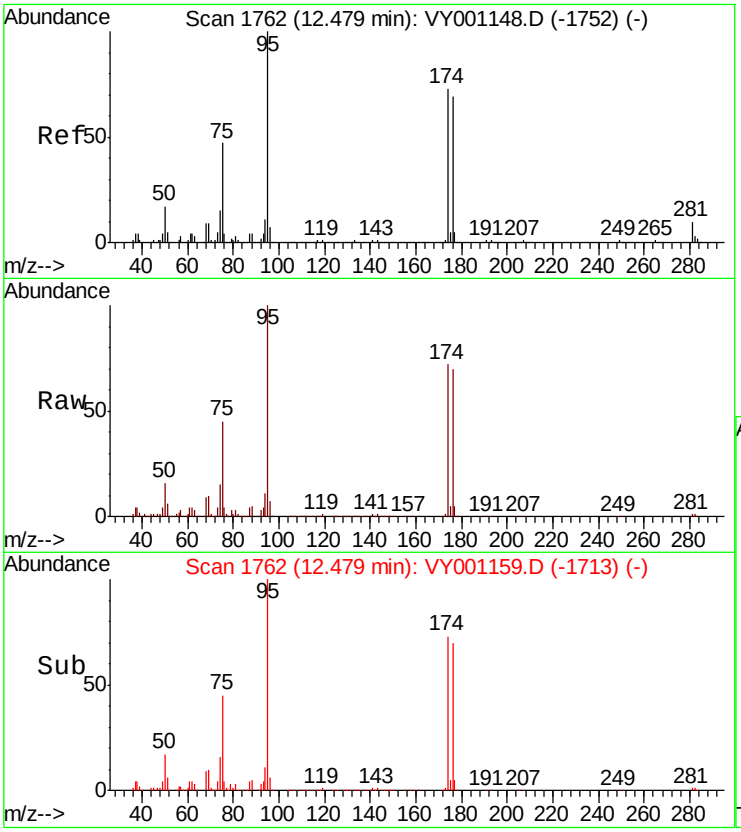


#50
Toluene-d8
Concen: 52.502 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Tgt Ion: 98 Resp: 338300

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7



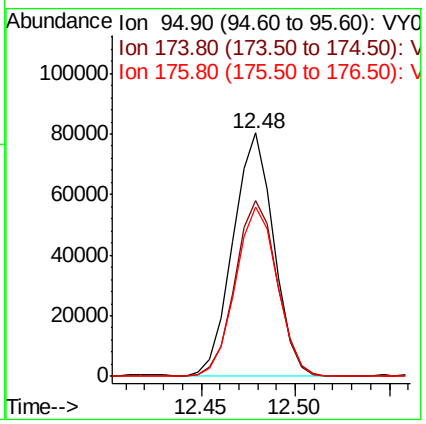


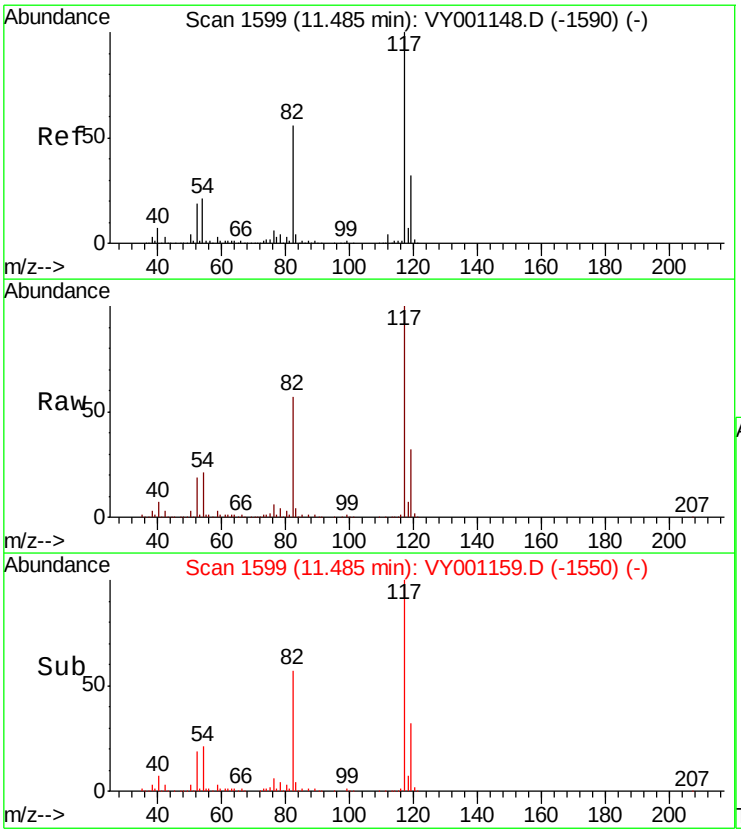
#62
4-Bromofluorobenzene
Concen: 45.533 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-3-4

Tgt Ion: 95 Resp: 119948

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	143.2
176	71.5	0.0	136.0

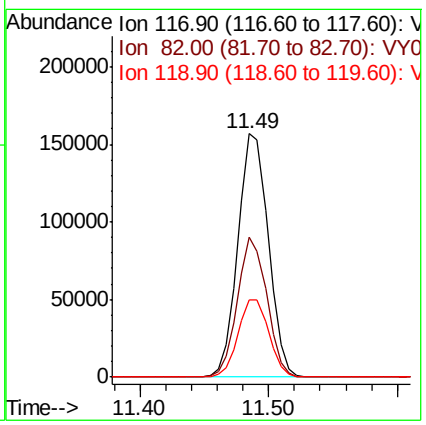


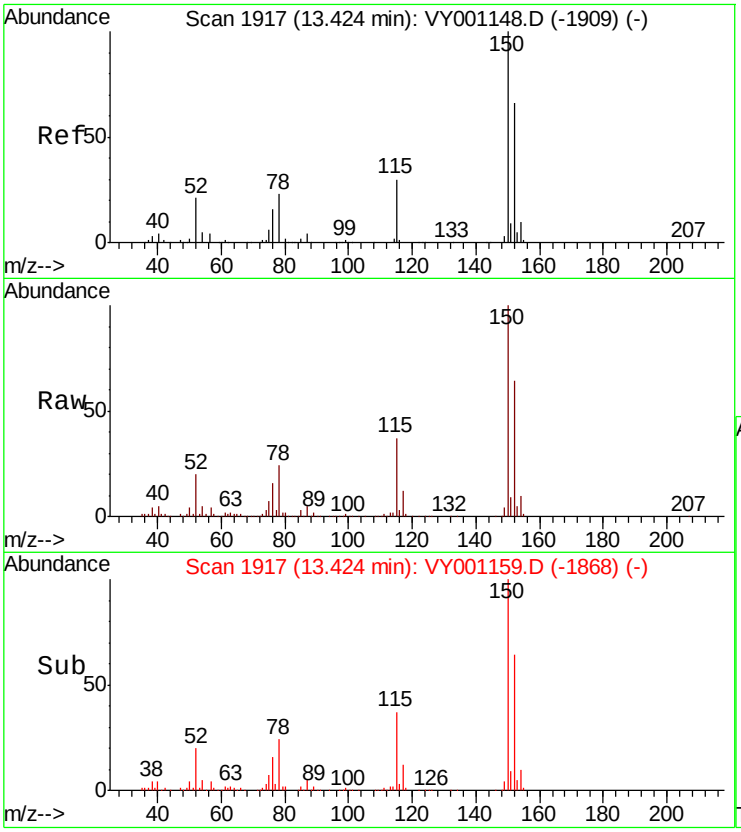


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Tgt Ion:117 Resp: 255881

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.9	67.3
119	31.6	25.7	38.5



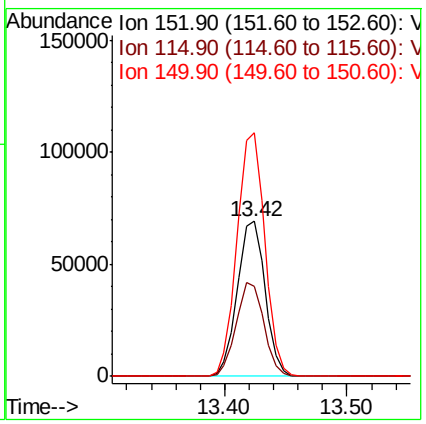


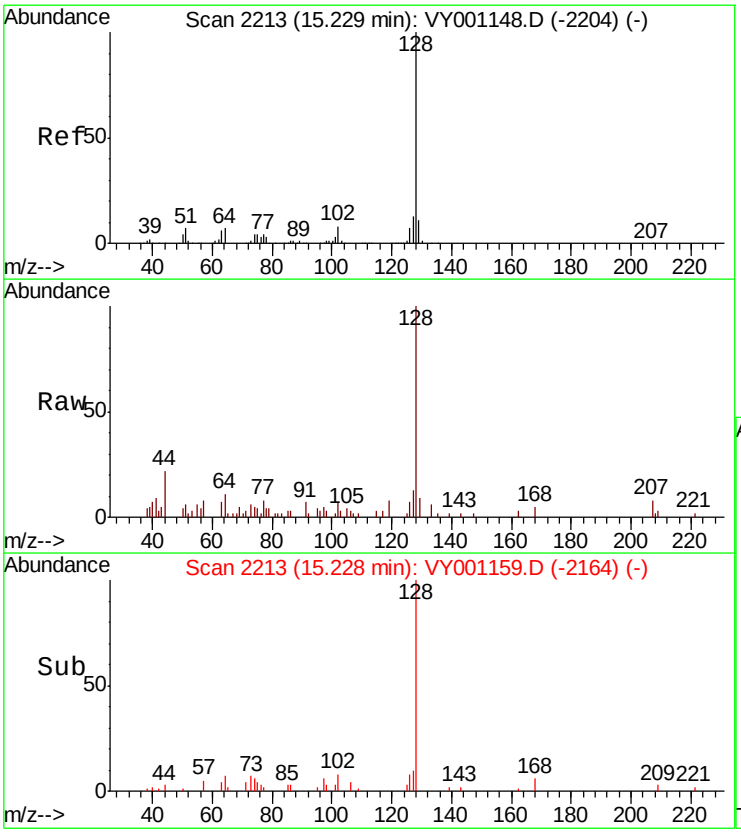
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-3-4

Tgt Ion:152 Resp: 108826

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.9	92.5
150	156.9	0.0	346.8





#95
Naphthalene
Concen: 1.029 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001159.D
Acq: 10 Jan 2020 19:55

Tgt Ion:128 Resp: 5016

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	12.7	8.5	12.7#