Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120319\
Data File : VY000840.D
Acq On : 03 Dec 2019 13:53
Operator : SY/MD
Sample : K6100-03
Misc : 6.51G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TH-9

Quant Time: Dec 04 01:09:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	466272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	403818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156805	59.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.38%			
35) Dibromofluoromethane	7.73	113	138423	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.88%			
50) Toluene-d8	10.18	98	549883	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.22%			
62) 4-Bromofluorobenzene	12.48	95	177121	43.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.82%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	13430	4.094	ug/l	98
16) Acetone	3.96	43	29147	48.368	ug/l	94
20) Methylene Chloride	4.72	84	20235	6.370	ug/l	90
25) 2-Butanone	7.01	43	9347	8.397	ug/l #	83

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

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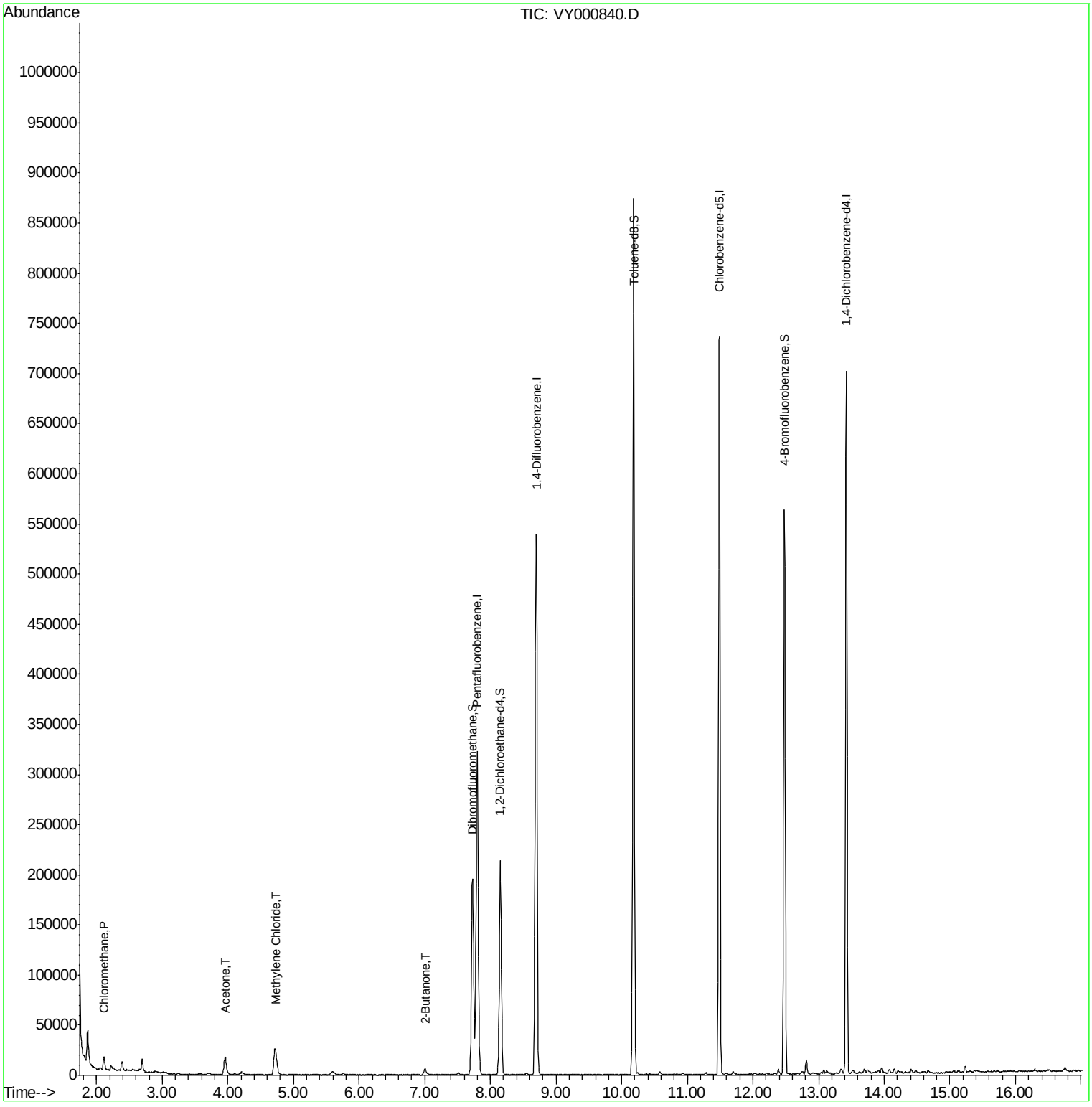
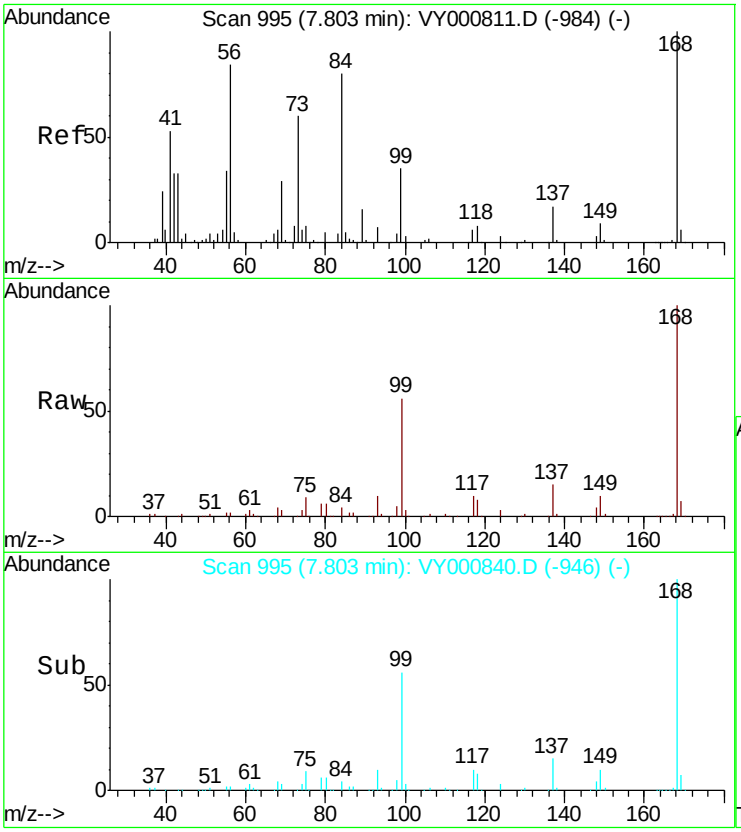


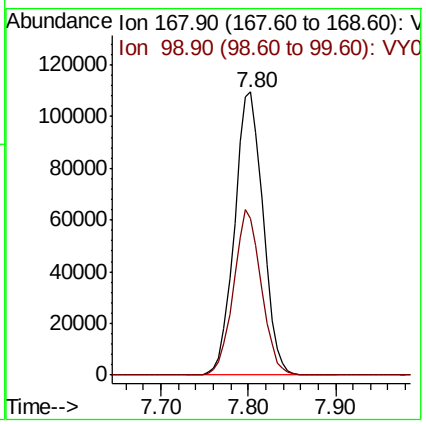


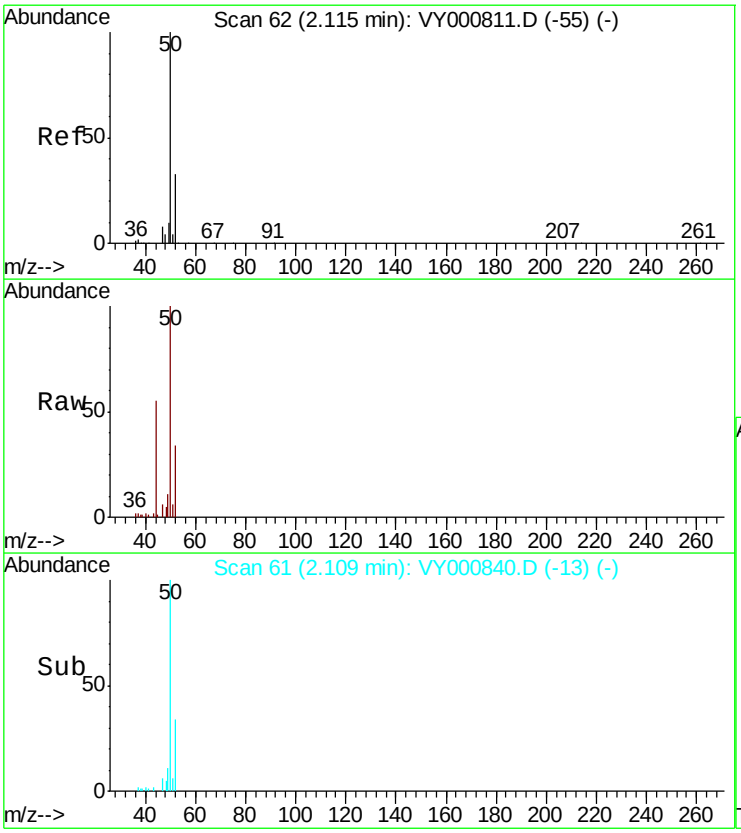
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
TH-9

Tgt Ion:168 Resp: 247218

Ion	Ratio	Lower	Upper
168	100		
99	55.5	45.0	67.6

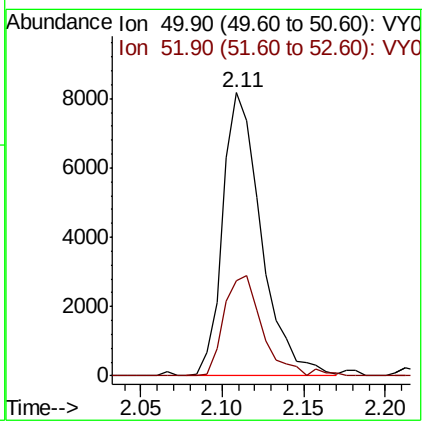


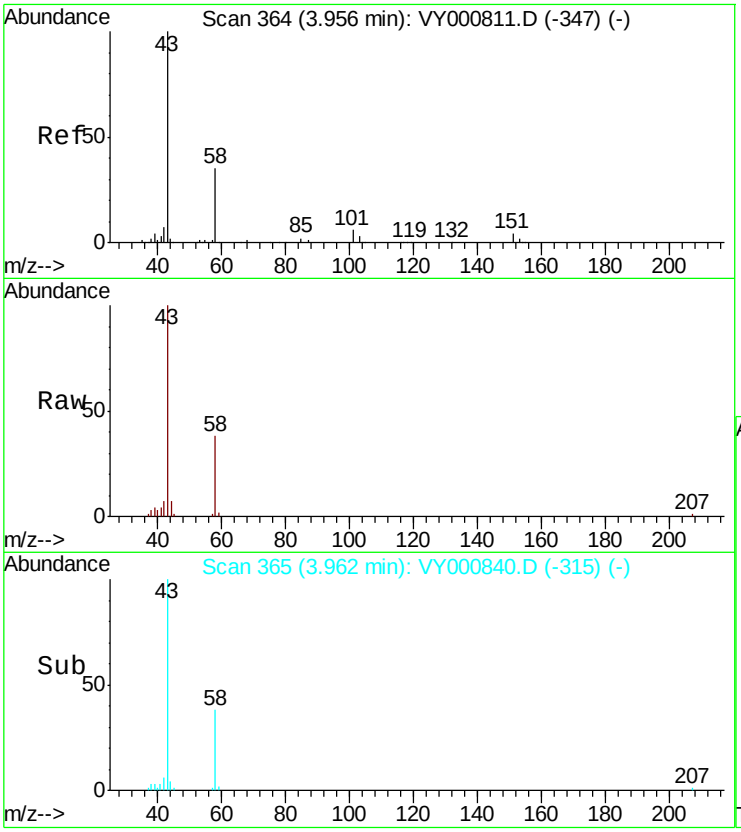


#3
Chloromethane
Concen: 4.094 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Tgt Ion: 50 Resp: 13430

Ion	Ratio	Lower	Upper
50	100		
52	33.7	26.0	39.0



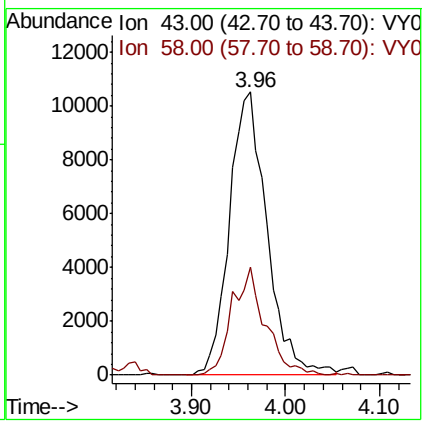


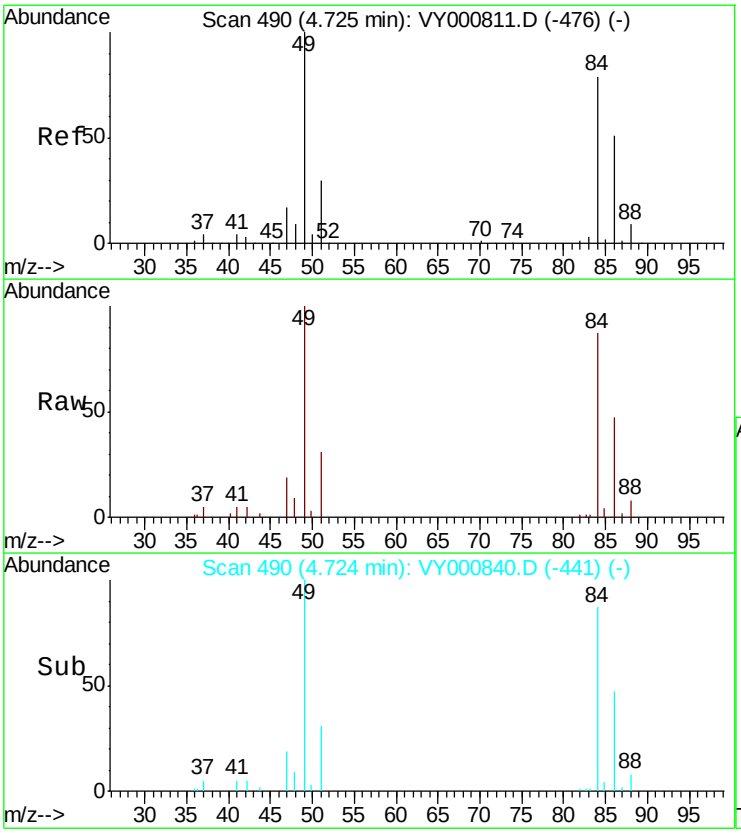
#16
Acetone
Concen: 48.368 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Instrument : MSVOA_Y
ClientSampleId : TH-9

Tgt Ion: 43 Resp: 29147

Ion	Ratio	Lower	Upper
43	100		
58	38.3	28.0	42.0

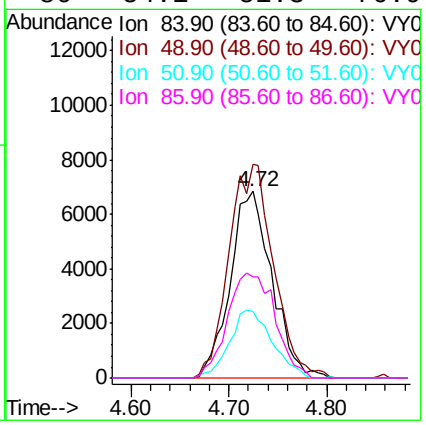


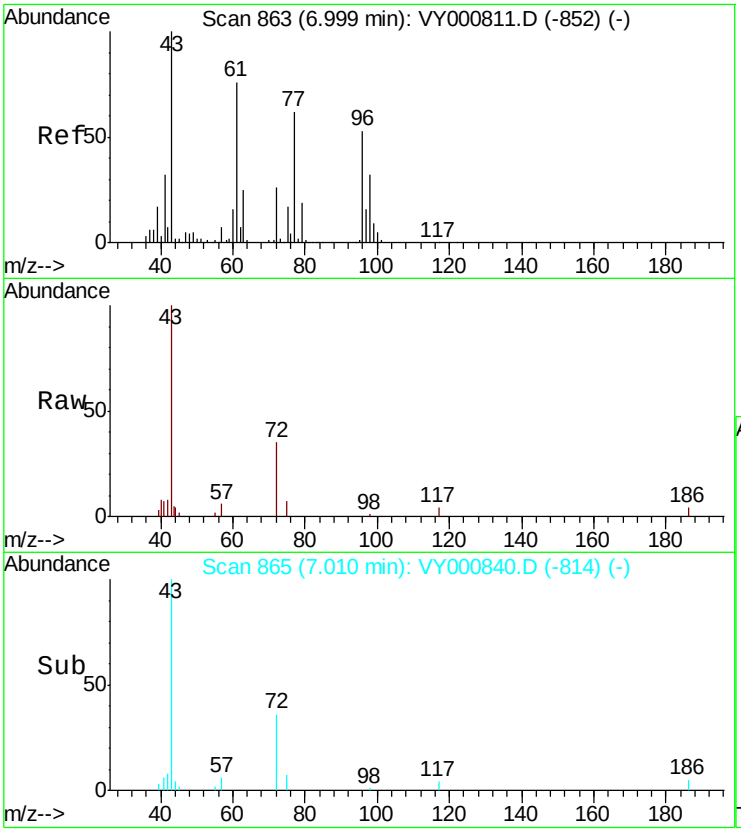


#20
Methylene Chloride
Concen: 6.370 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Tgt Ion: 84 Resp: 20235

Ion	Ratio	Lower	Upper
84	100		
49	114.5	101.3	151.9
51	35.5	30.6	45.8
86	54.1	51.3	76.9



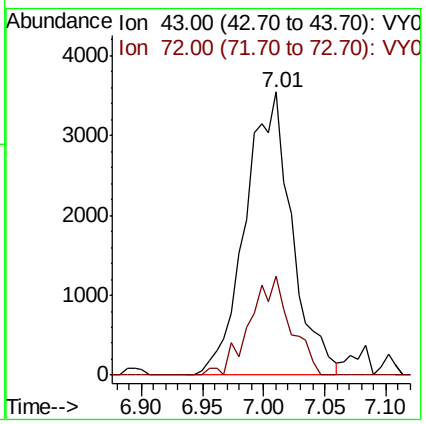


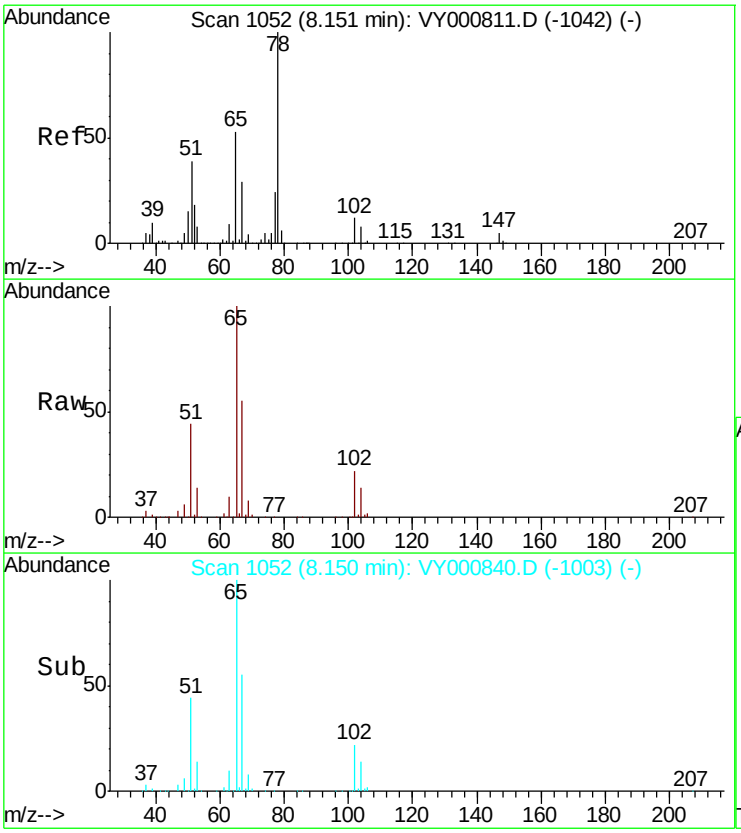
#25
2-Butanone
Concen: 8.397 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
TH-9

Tgt Ion: 43 Resp: 9347

Ion	Ratio	Lower	Upper
43	100		
72	35.1	21.0	31.4#

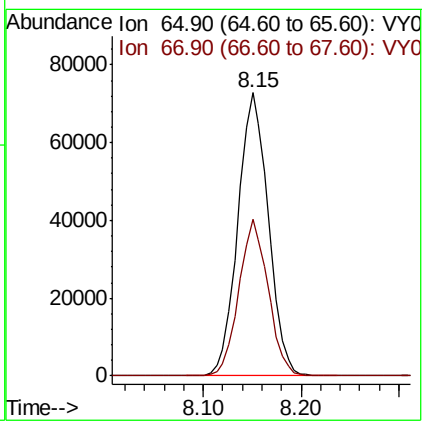


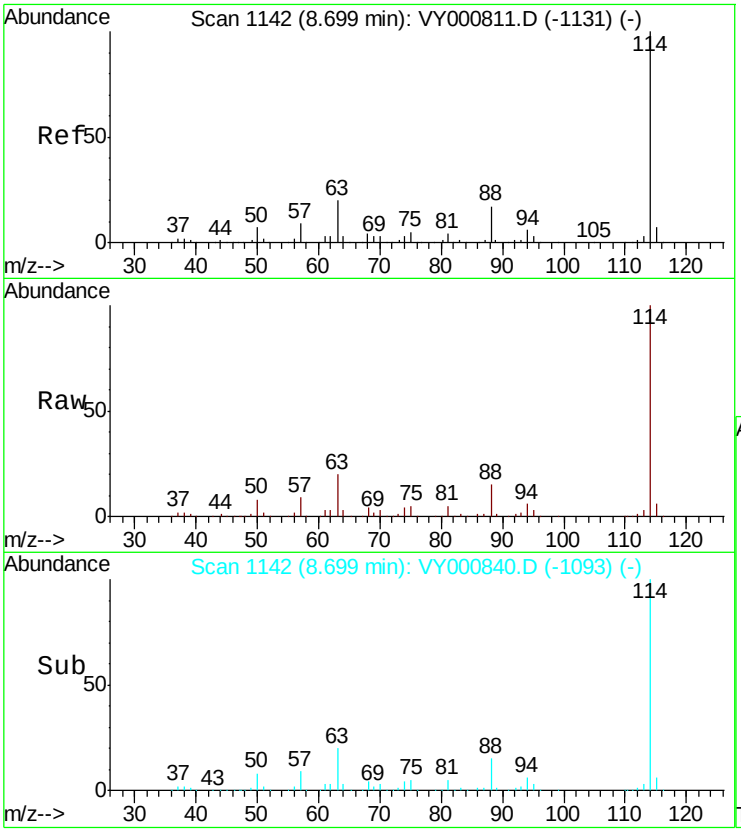


#33
1,2-Dichloroethane-d4
Concen: 59.692 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Tgt Ion: 65 Resp: 156805

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	112.0



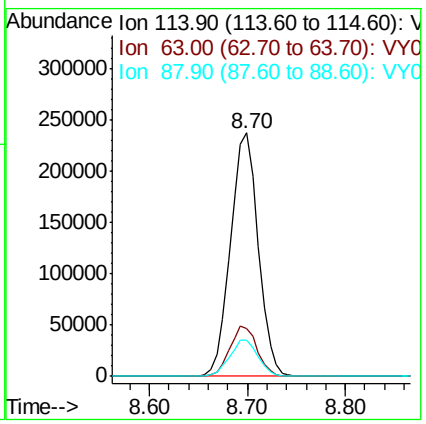


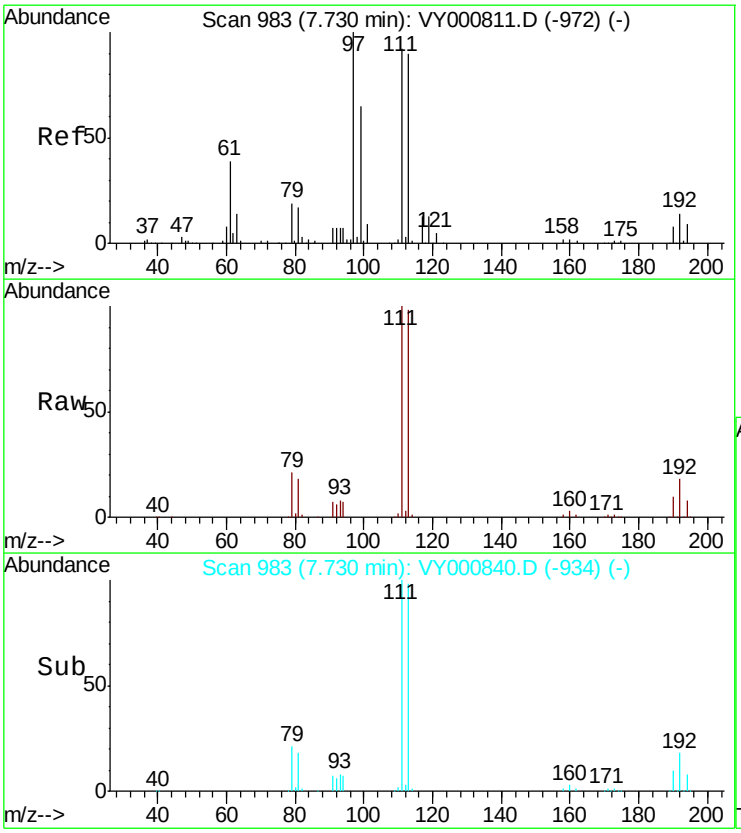
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
TH-9

Tgt Ion:114 Resp: 466272

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.0	0.0	33.2

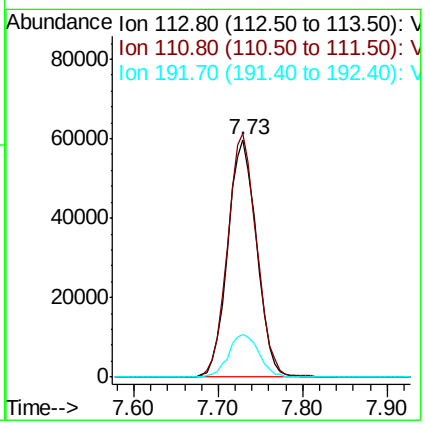


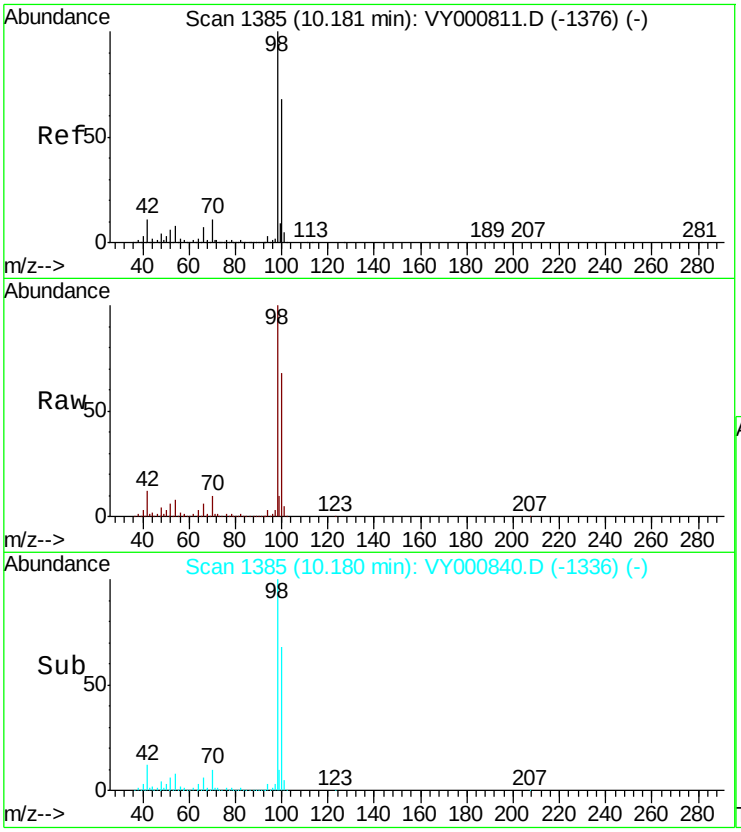


#35
Dibromofluoromethane
Concen: 50.939 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Tgt Ion:113 Resp: 138423

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	18.8	14.2	21.2



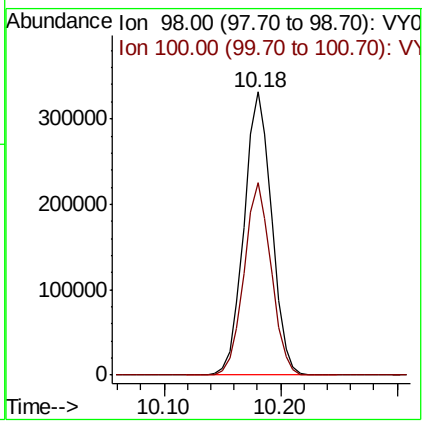


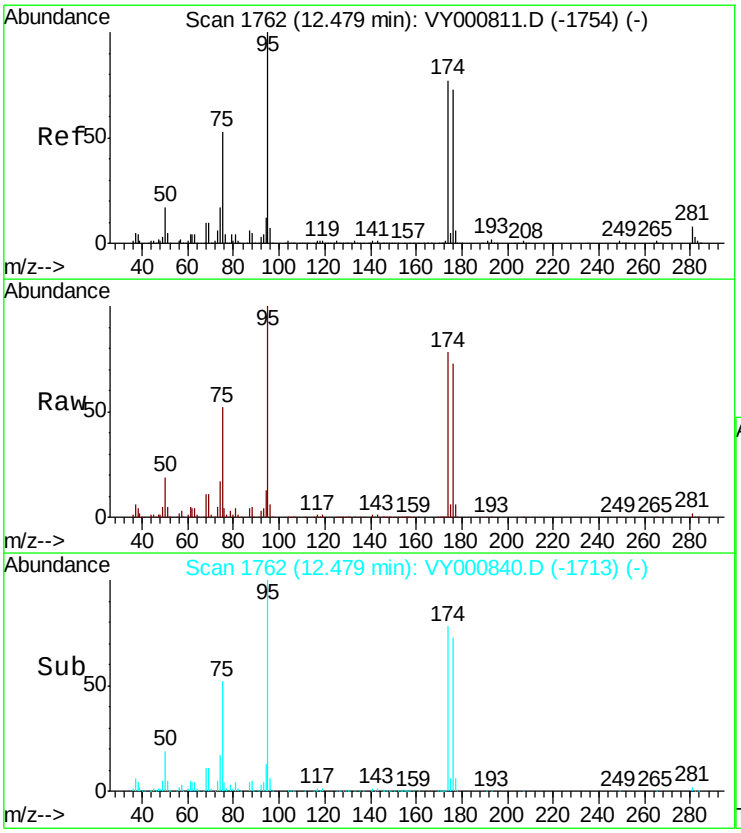
#50
Toluene-d8
Concen: 50.614 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Instrument :
MSVOA_Y
ClientSampleId :
TH-9

Tgt Ion: 98 Resp: 549883

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7

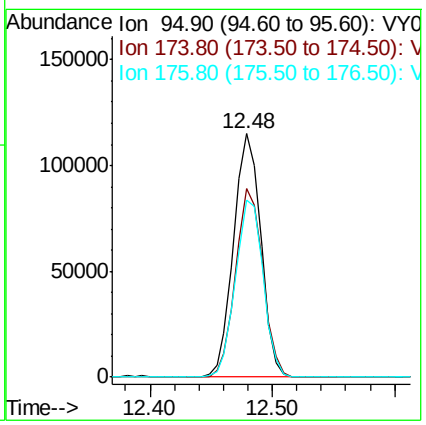


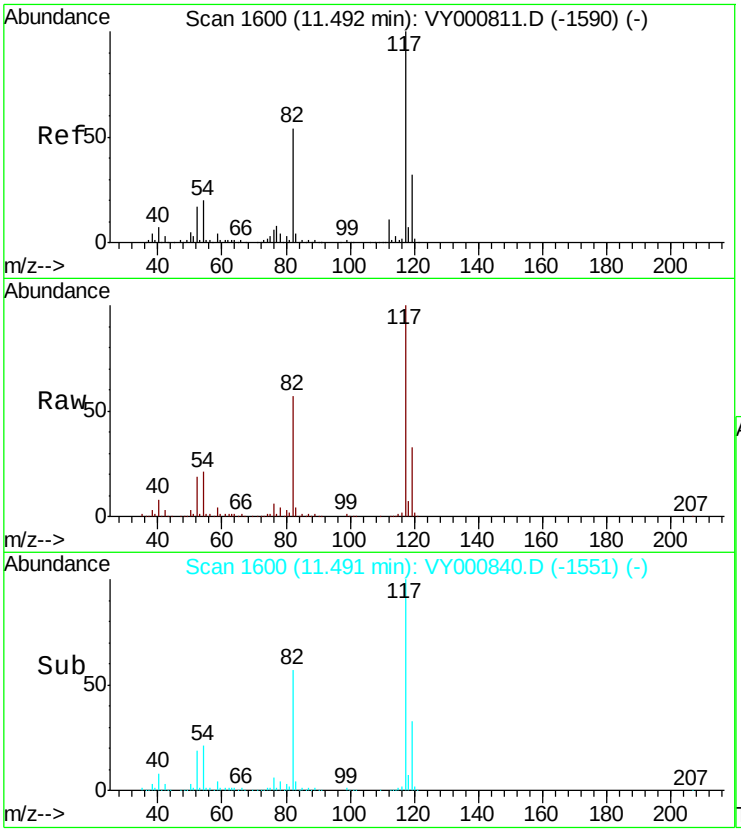


#62
4-Bromofluorobenzene
Concen: 43.411 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Tgt Ion: 95 Resp: 177121

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	150.6
176	74.0	0.0	145.2



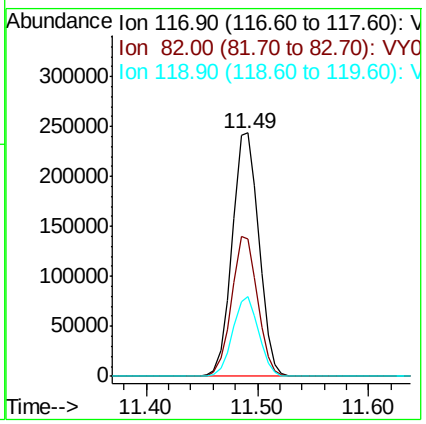


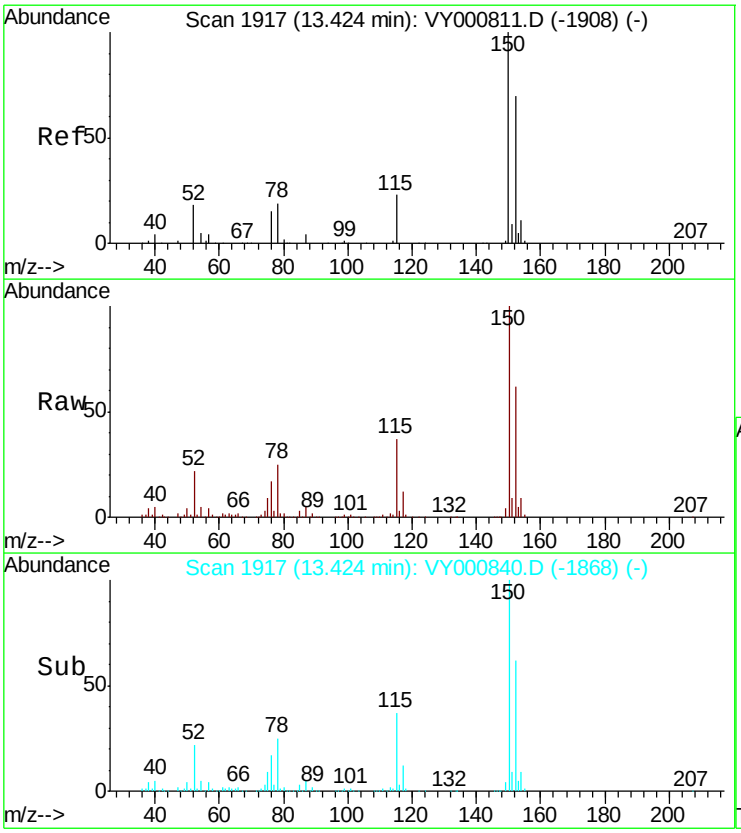
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Instrument : MSVOA_Y
ClientSampleId : TH-9

Tgt Ion:117 Resp: 403818

Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.1	64.7
119	32.6	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000840.D
Acq: 03 Dec 2019 13:53

Tgt Ion:152 Resp: 167453

Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.3	87.8
150	158.5	0.0	351.2