Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101419\
Data File : VY000295.D
Acq On : 14 Oct 2019 13:40
Operator : SY/MD
Sample : K5266-06RE
Misc : 5.10g/5.00ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20190854-AMENDED-COMP-ARE

Quant Time: Oct 15 01:50:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	245854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	468111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	401862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	163732	63.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 126.26%			
35) Dibromofluoromethane	7.73	113	89223	31.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.20%			
50) Toluene-d8	10.19	98	541006	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.62%			
62) 4-Bromofluorobenzene	12.48	95	178893	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.70%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	7134	2.375	ug/l	98
16) Acetone	3.96	43	202215	240.777	ug/l	94
17) Carbon Disulfide	4.20	76	213165	27.266	ug/l	98
25) 2-Butanone	7.00	43	58574	49.510	ug/l	94
95) Naphthalene	15.23	128	19085	2.367	ug/l	99

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

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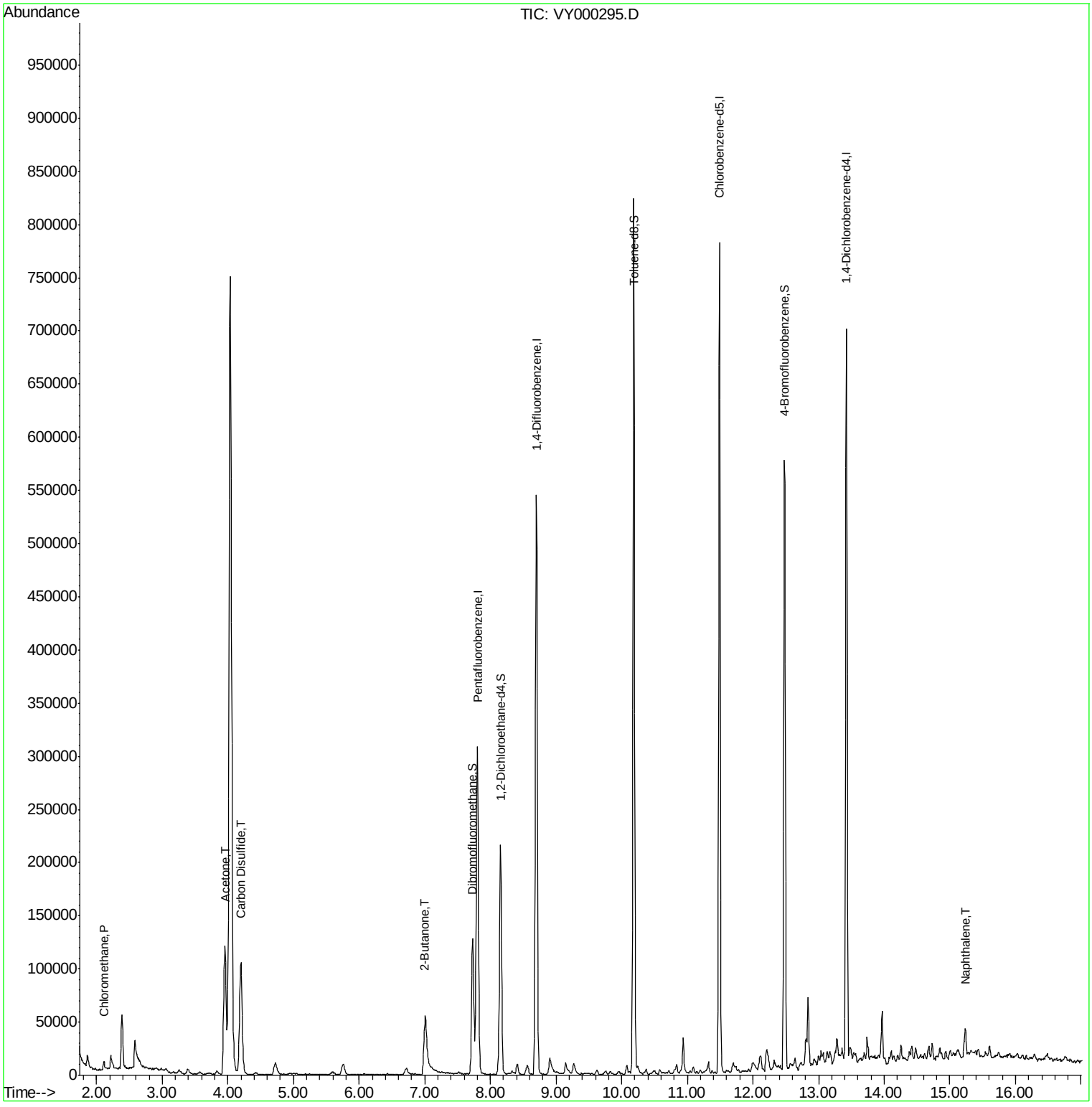
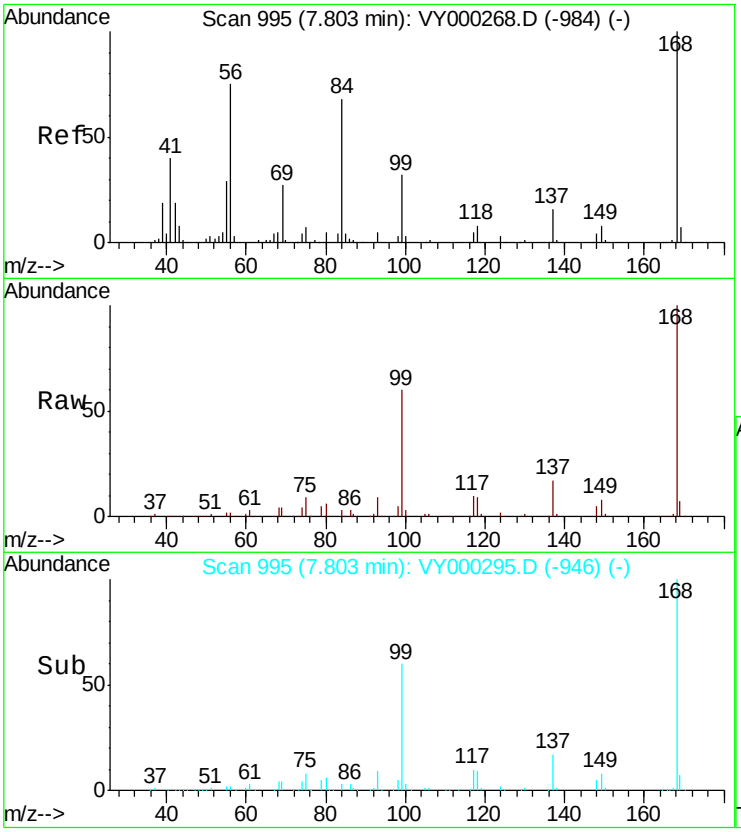


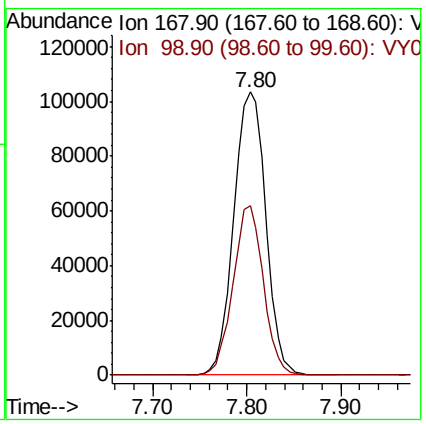


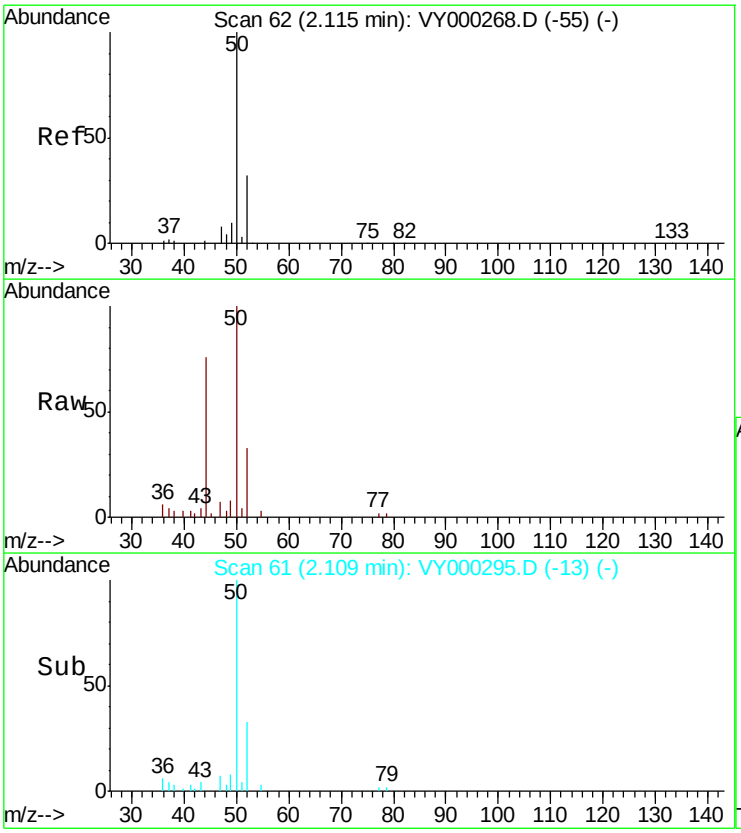
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Instrument :
MSVOA_Y
ClientSampleId :
20190854-AMENDED-COMP-ARE

Tgt Ion:168 Resp: 245854

Ion	Ratio	Lower	Upper
168	100		
99	59.7	46.6	69.8

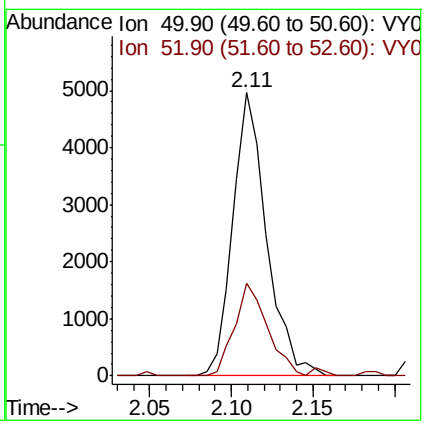


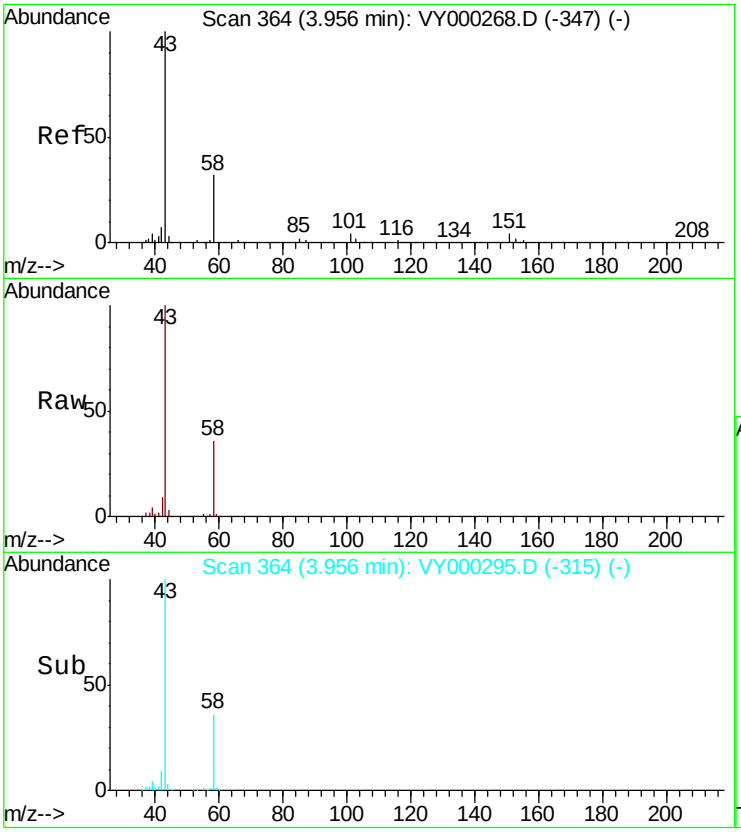


#3
Chloromethane
Concen: 2.375 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Tgt Ion: 50 Resp: 7134

Ion	Ratio	Lower	Upper
50	100		
52	32.6	25.3	37.9



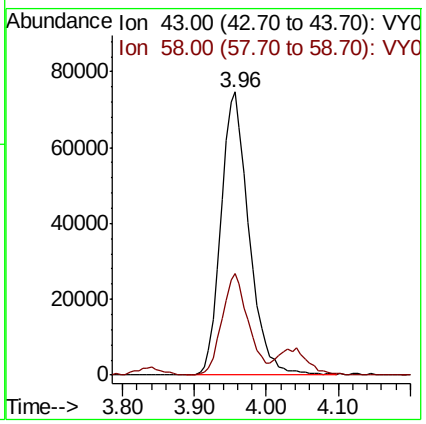


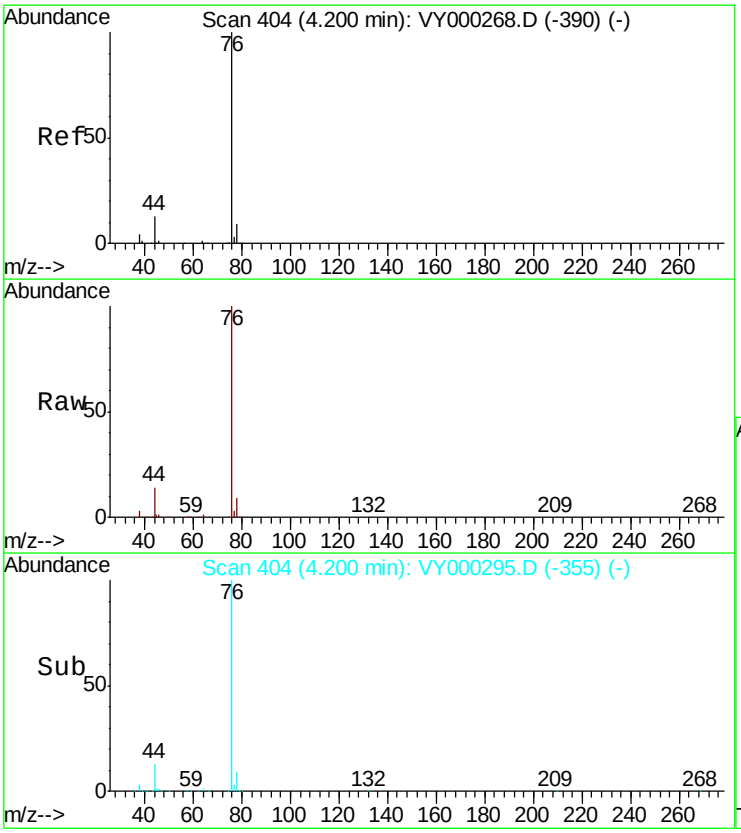
#16
Acetone
Concen: 240.777 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Instrument :
MSVOA_Y
ClientSampleId :
20190854-AMENDED-COMP-ARE

Tgt Ion: 43 Resp: 202215

Ion	Ratio	Lower	Upper
43	100		
58	35.6	25.8	38.6

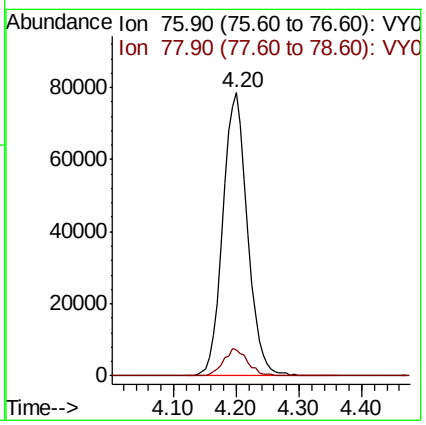


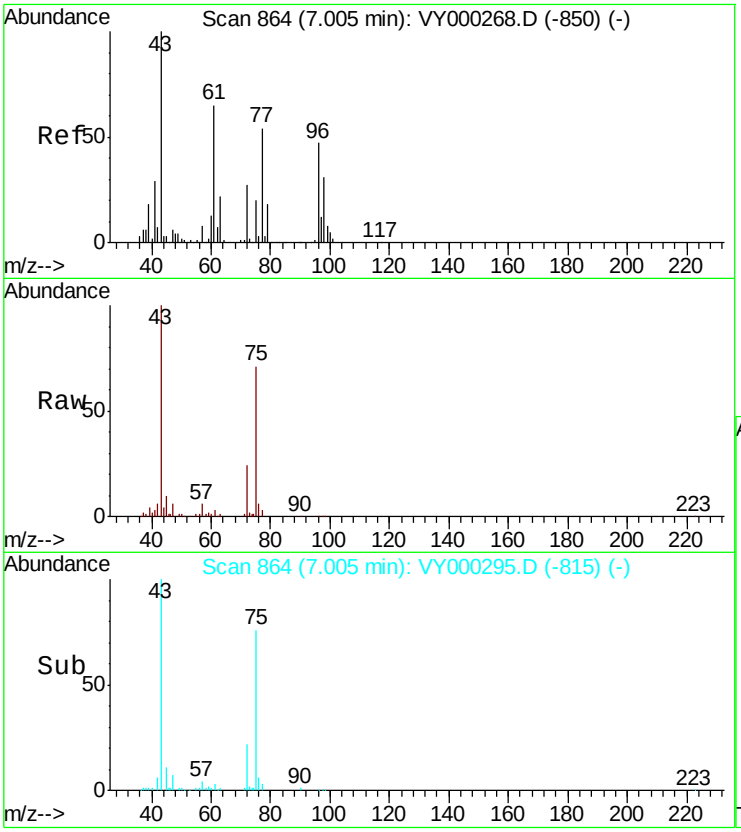


#17
Carbon Disulfide
Concen: 27.266 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Tgt Ion: 76 Resp: 213165

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.4



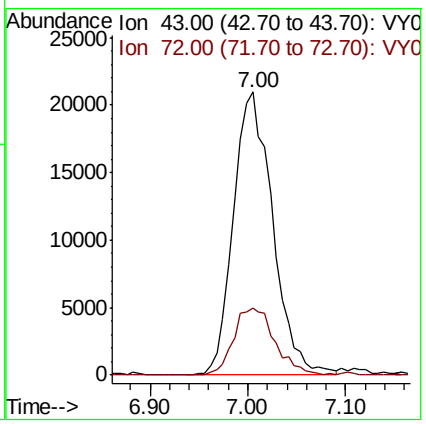


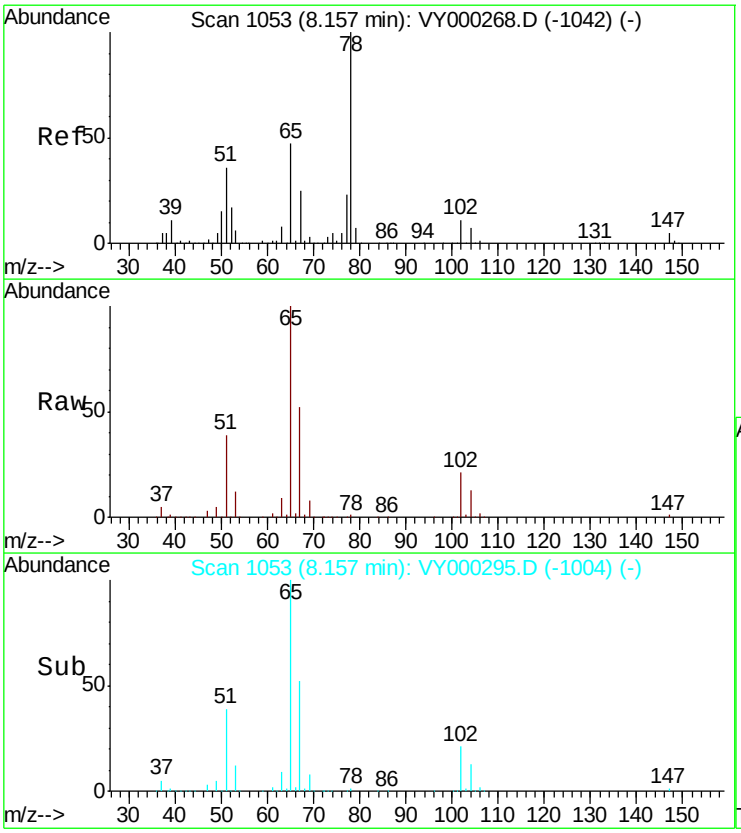
#25
2-Butanone
Concen: 49.510 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Instrument :
MSVOA_Y
ClientSampleId :
20190854-AMENDED-COMP-ARE

Tgt Ion: 43 Resp: 58574

Ion	Ratio	Lower	Upper
43	100		
72	23.7	21.4	32.2

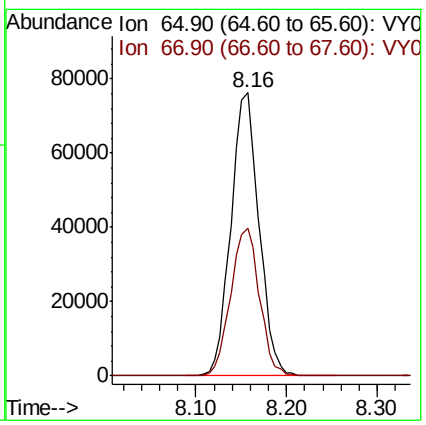


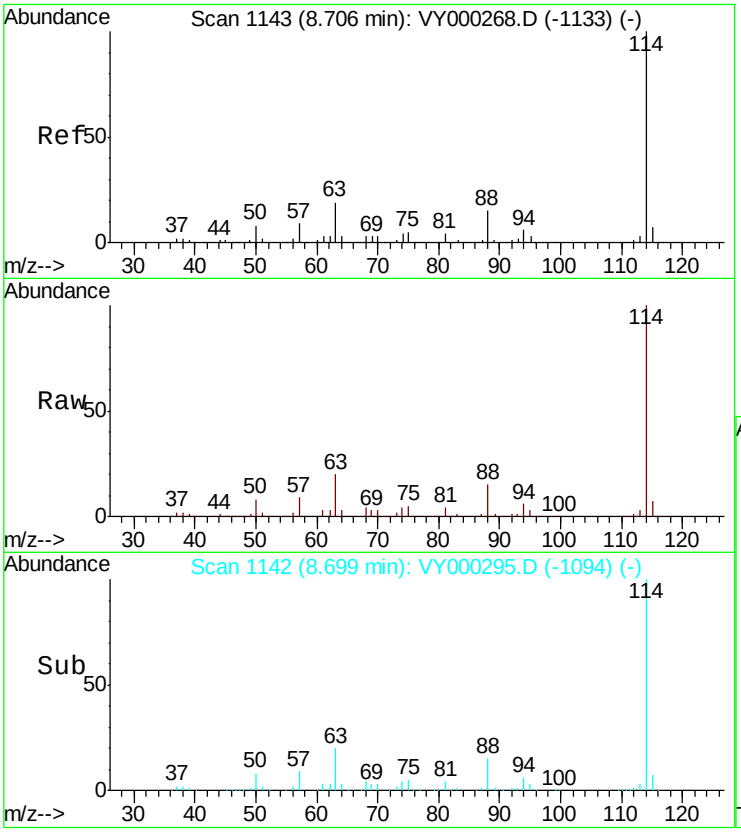


#33
1,2-Dichloroethane-d4
Concen: 63.135 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Tgt Ion: 65 Resp: 163732

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	109.4



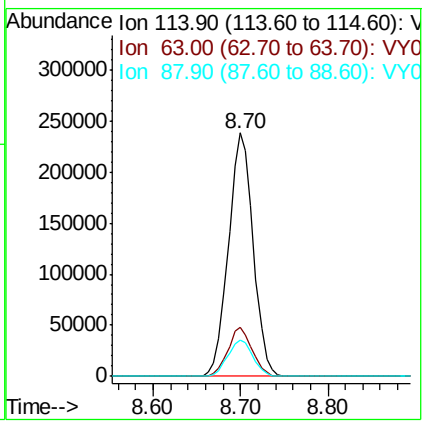


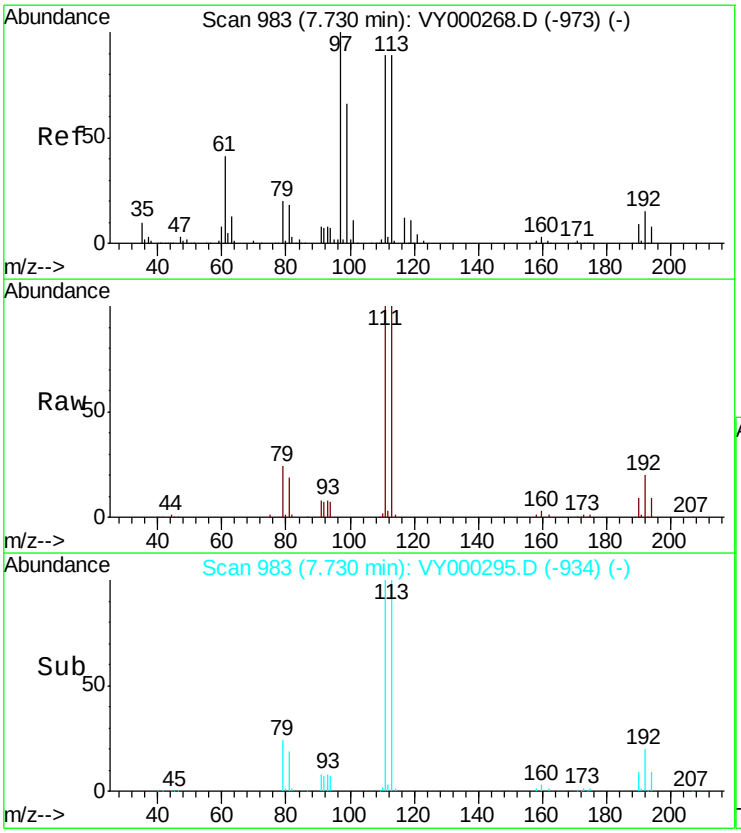
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Instrument :
MSVOA_Y
ClientSampleId :
20190854-AMENDED-COMP-ARE

Tgt Ion:114 Resp: 468111

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	37.2
88	14.8	0.0	30.2

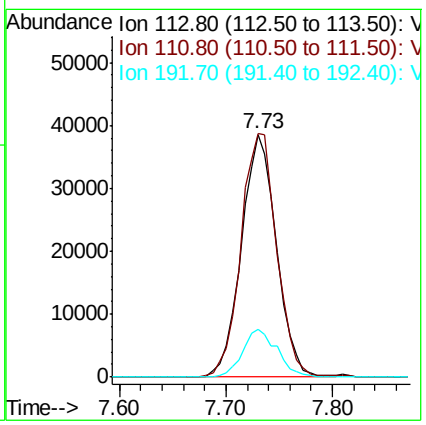


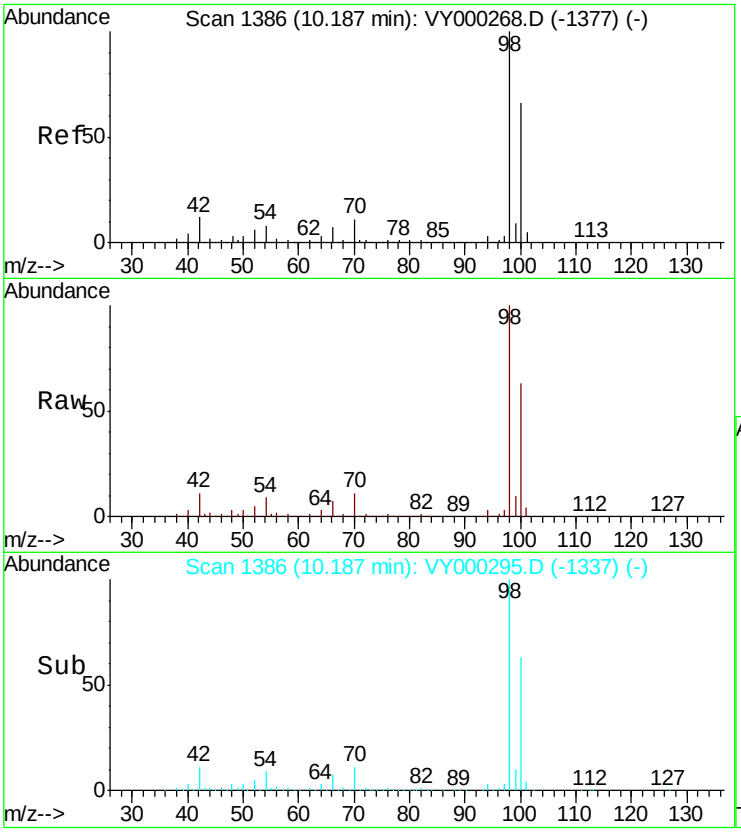


#35
Dibromofluoromethane
Concen: 31.598 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Tgt Ion:113 Resp: 89223

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.6	122.4
192	19.4	15.3	22.9



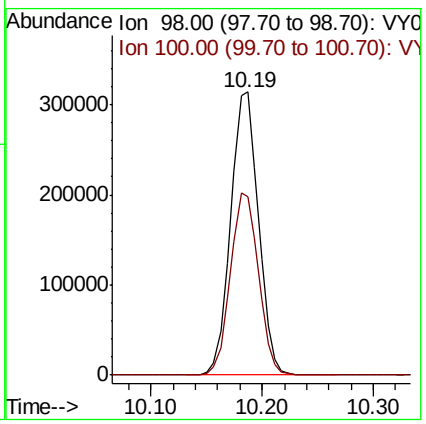


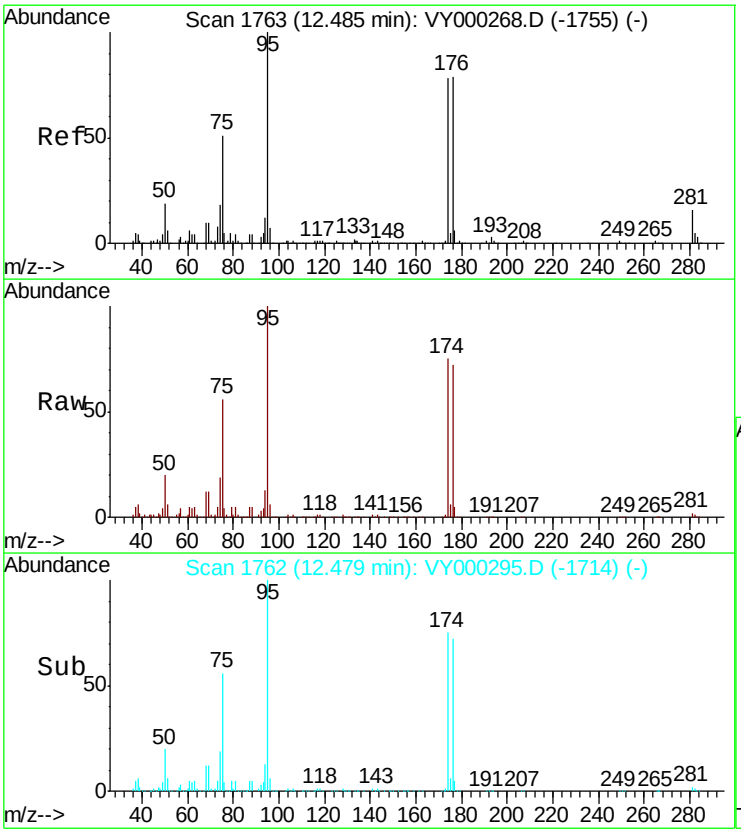
#50
Toluene-d8
Concen: 49.807 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Instrument :
MSVOA_Y
ClientSampleId :
20190854-AMENDED-COMP-ARE

Tgt Ion: 98 Resp: 541006

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.8	79.2

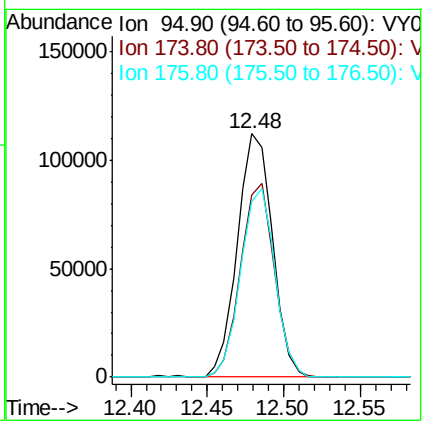


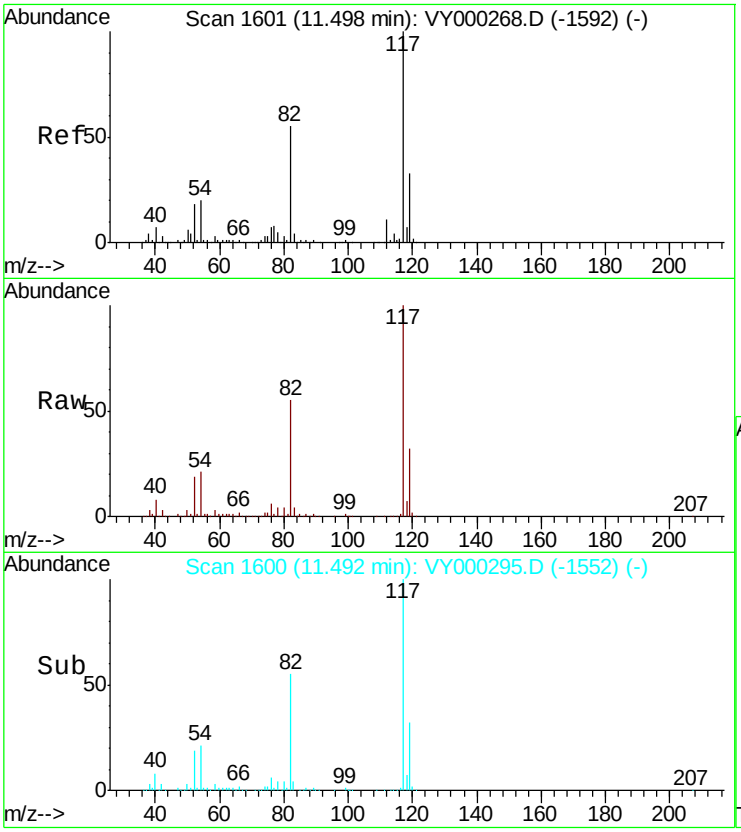


#62
4-Bromofluorobenzene
Concen: 43.351 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Tgt Ion: 95 Resp: 178893

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	159.6
176	75.9	0.0	153.8



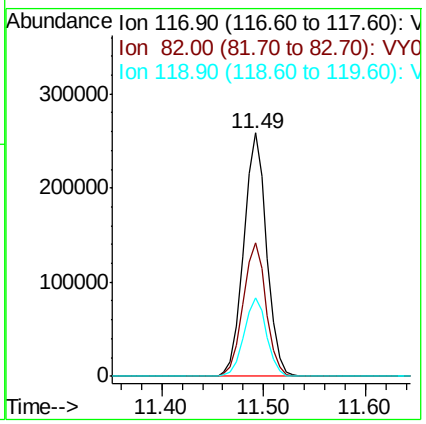


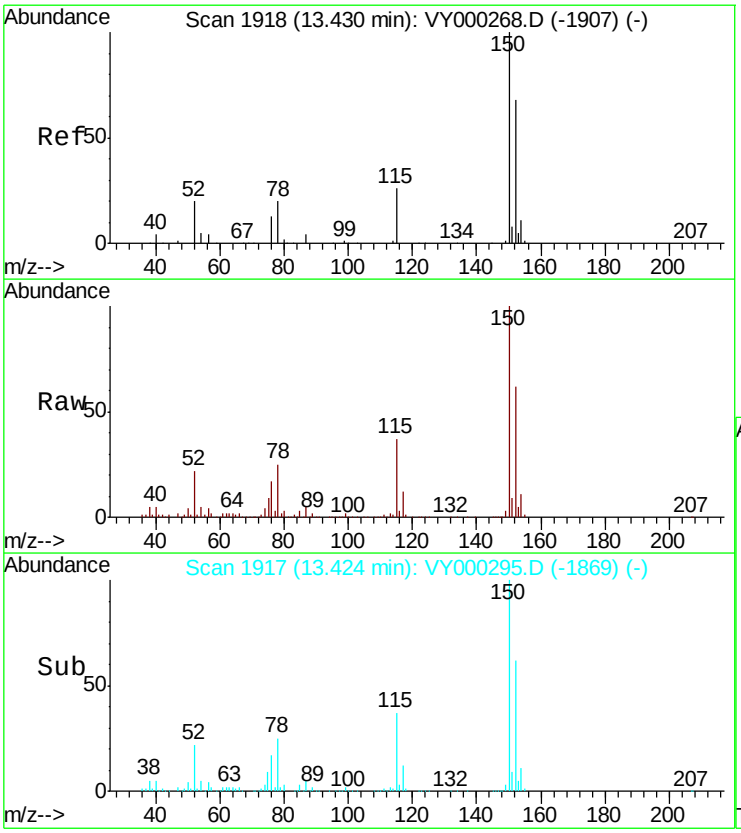
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Instrument :
MSVOA_Y
ClientSampleId :
20190854-AMENDED-COMP-ARE

Tgt Ion:117 Resp: 401862

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.7	65.5
119	32.3	26.6	39.8

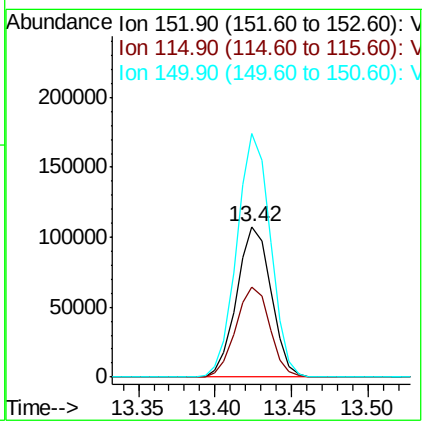


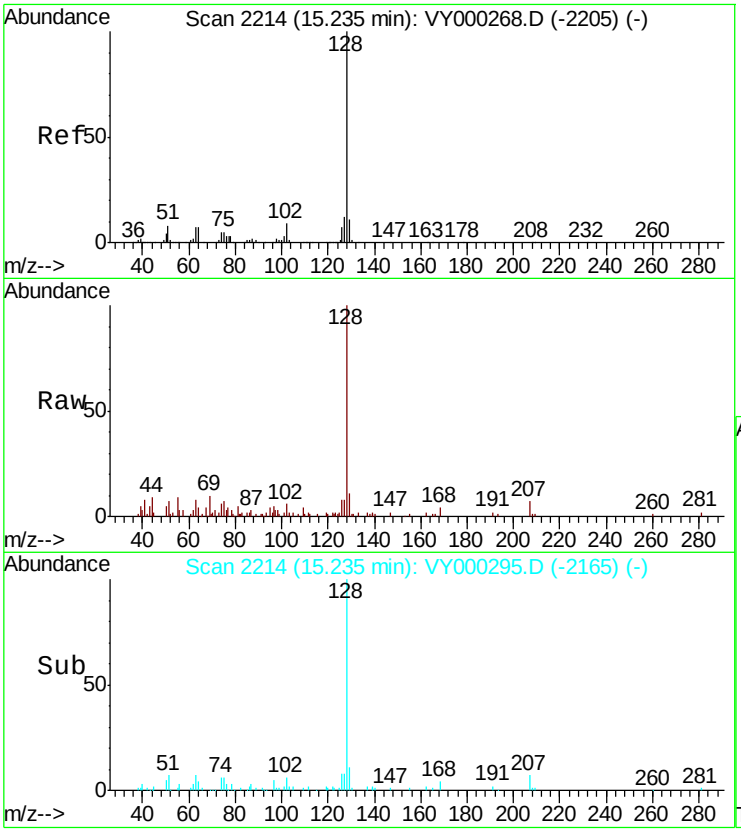


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Tgt Ion:152 Resp: 167763

Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	88.0
150	158.8	0.0	348.4





#95
Naphthalene
Concen: 2.367 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000295.D
Acq: 14 Oct 2019 13:40

Instrument :
MSVOA_Y
ClientSampleId :
20190854-AMENDED-COMP-ARE

Tgt Ion:128 Resp: 19085

Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.6	14.4
129	10.0	8.7	13.1