Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101419\
Data File : VY000298.D
Acq On : 14 Oct 2019 14:49
Operator : SY/MD
Sample : K5323-05RE
Misc : 6.99g/5.00ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-3RE

Quant Time: Oct 15 01:58:56 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	236172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	450190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	151982	61.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.02%			
35) Dibromofluoromethane	7.73	113	132687	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.72%			
50) Toluene-d8	10.18	98	526567	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.82%			
62) 4-Bromofluorobenzene	12.48	95	179208	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.32%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	3919	1.358	ug/l	98
16) Acetone	3.96	43	8891	11.020	ug/l	96
17) Carbon Disulfide	4.20	76	17315	2.306	ug/l #	91
95) Naphthalene	15.23	128	10070	1.185	ug/l	98

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

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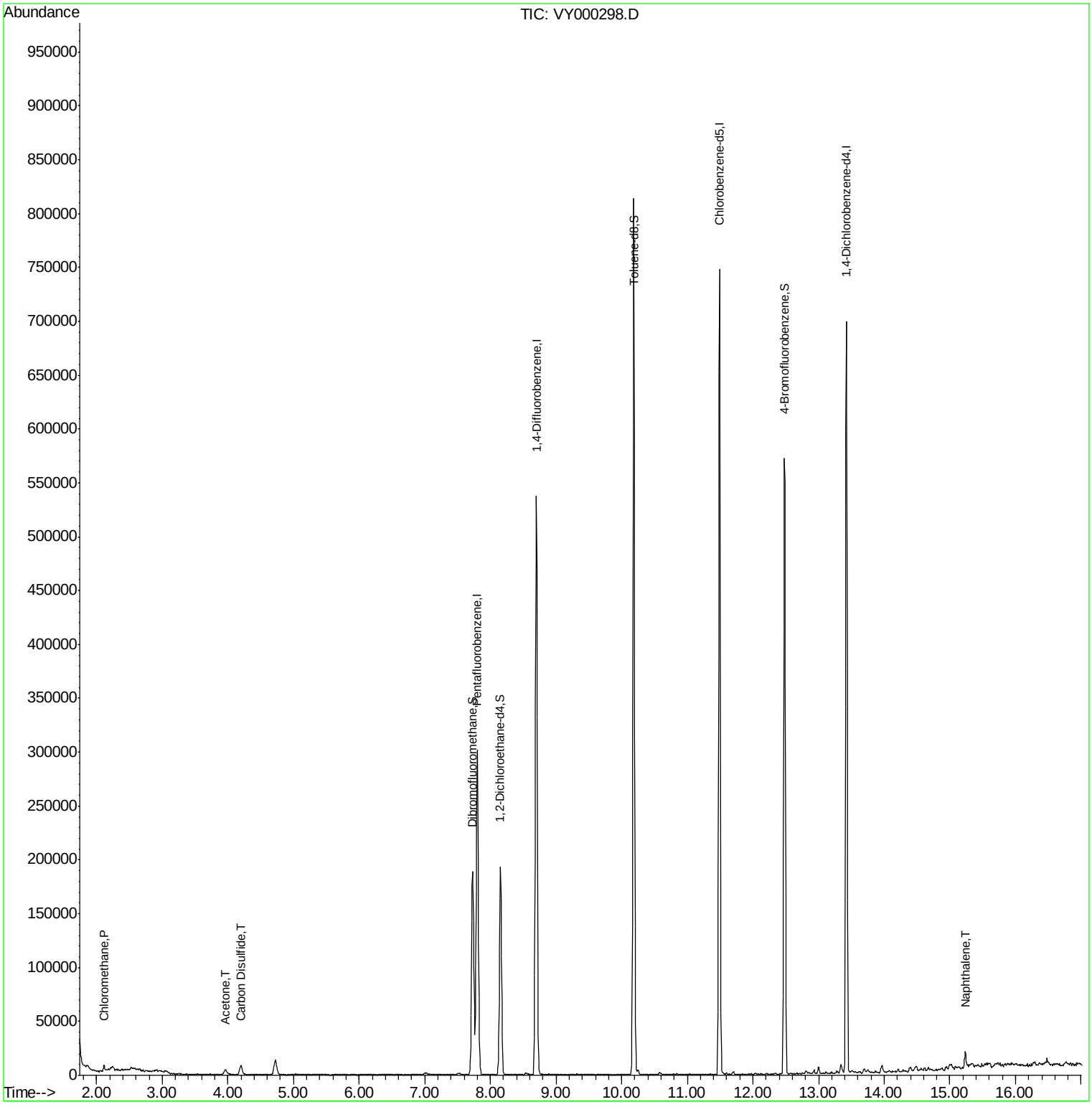
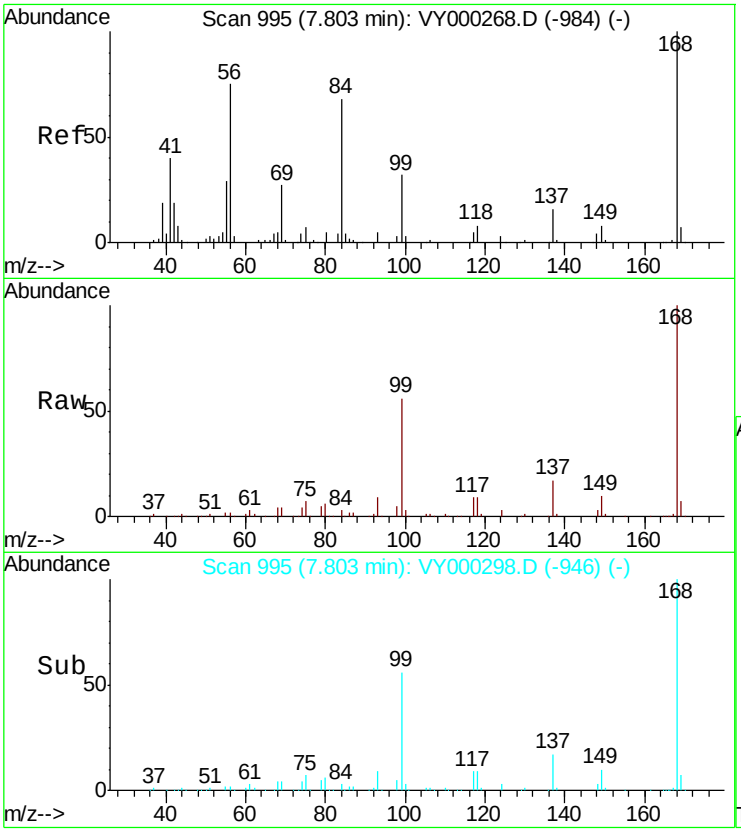


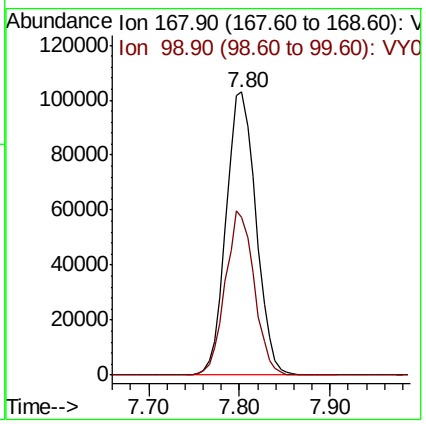


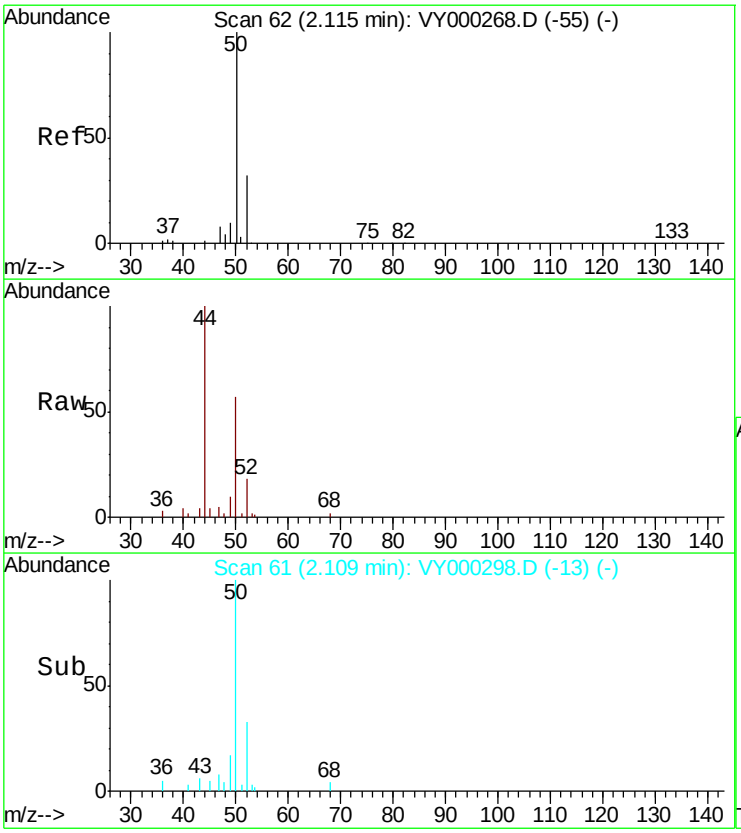
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

Tgt Ion:168 Resp: 236172

Ion	Ratio	Lower	Upper
168	100		
99	55.9	46.6	69.8

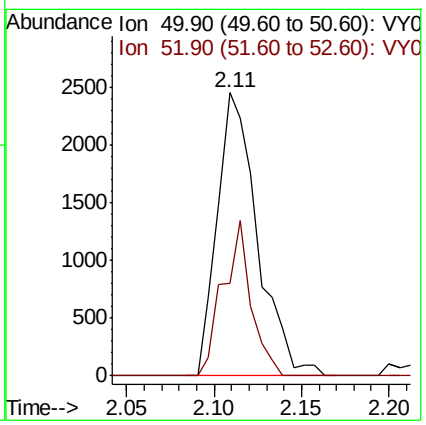


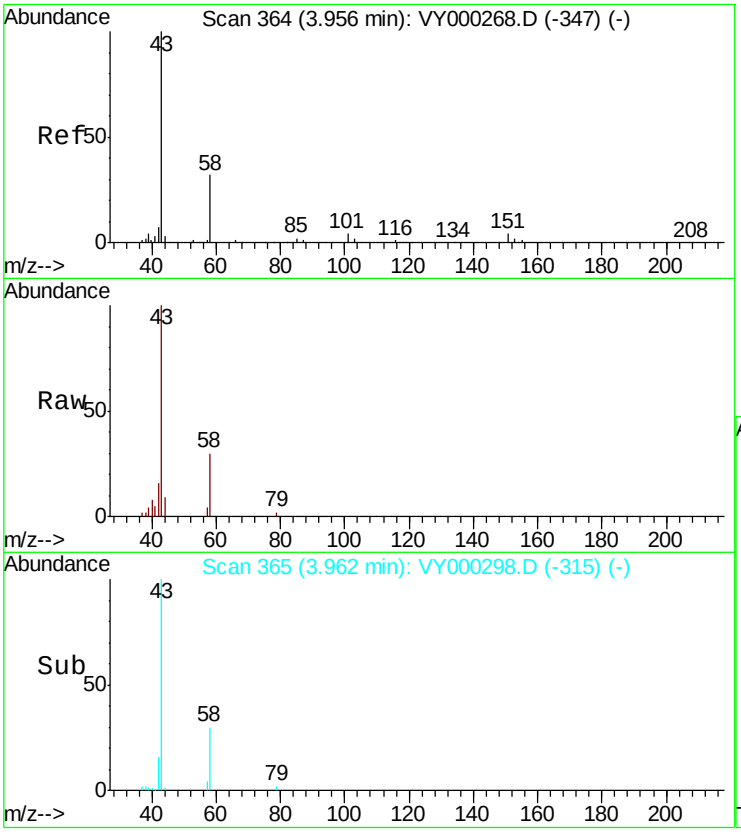


#3
Chloromethane
Concen: 1.358 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Tgt Ion: 50 Resp: 3919

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.3	37.9



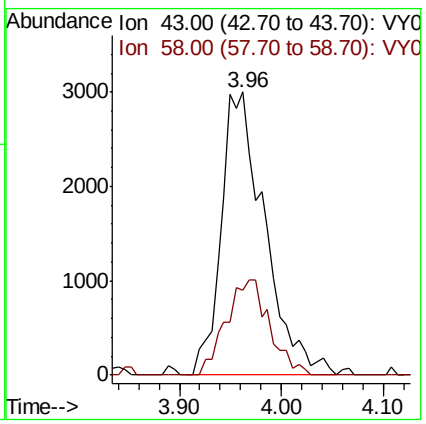


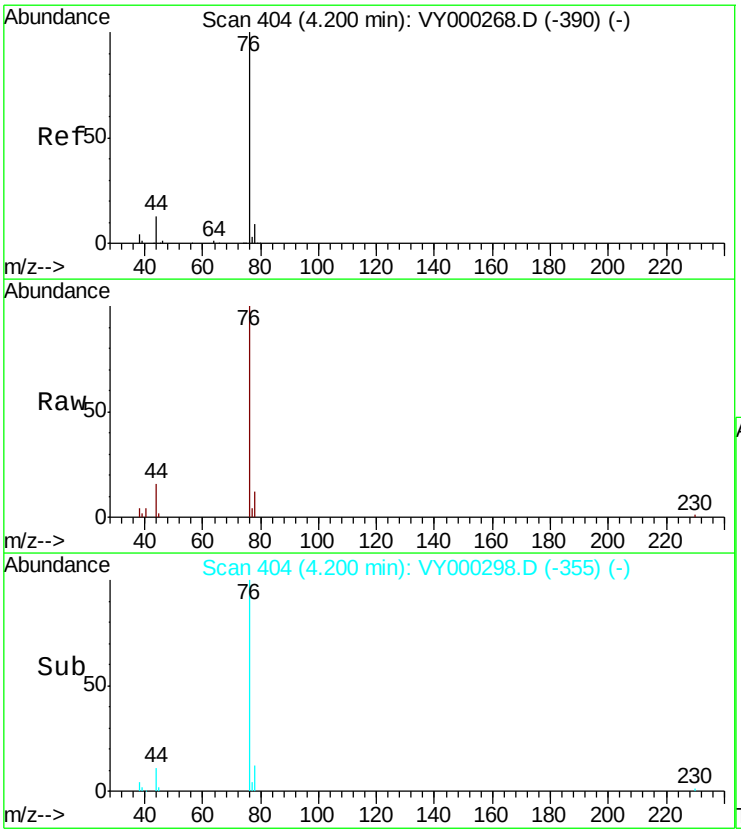
#16
Acetone
Concen: 11.020 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Instrument : MSVOA_Y
ClientSampleId : TP-3RE

Tgt Ion: 43 Resp: 8891

Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.8	38.6

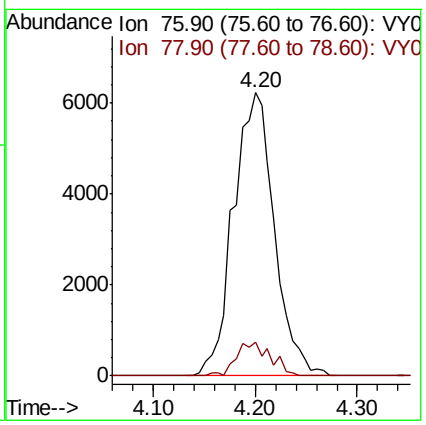


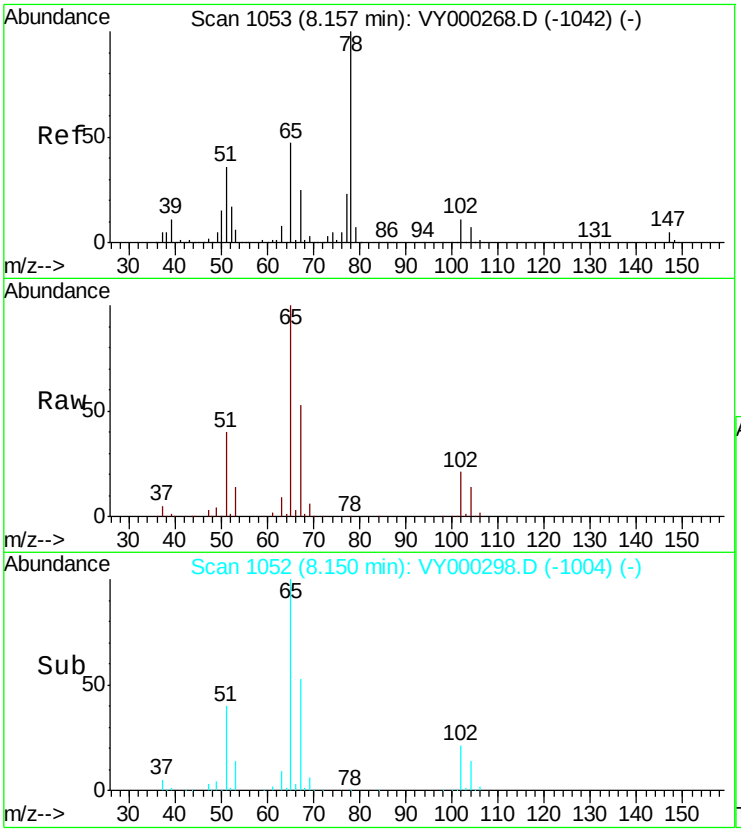


#17
Carbon Disulfide
Concen: 2.306 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Tgt Ion: 76 Resp: 17315

Ion	Ratio	Lower	Upper
76	100		
78	12.0	7.0	10.4#



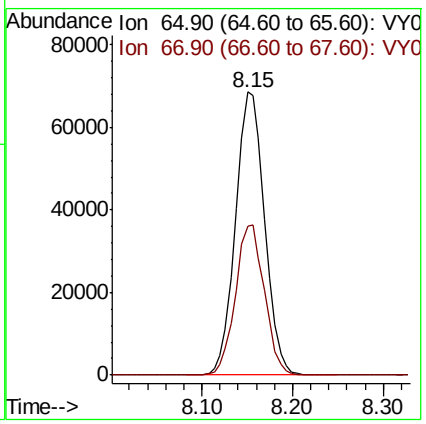


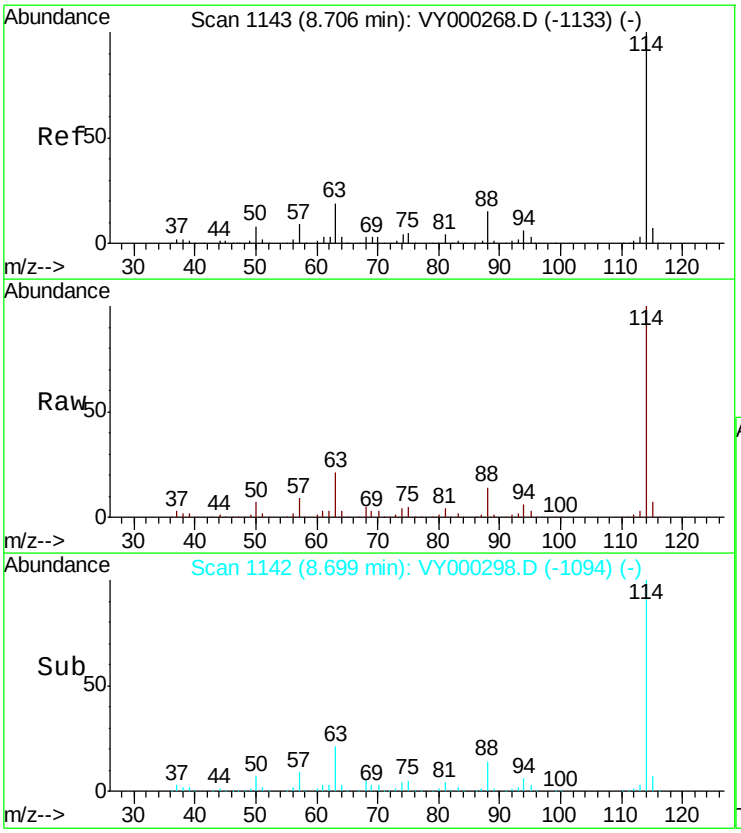
#33
1,2-Dichloroethane-d4
Concen: 61.006 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

Tgt Ion: 65 Resp: 151982

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	109.4

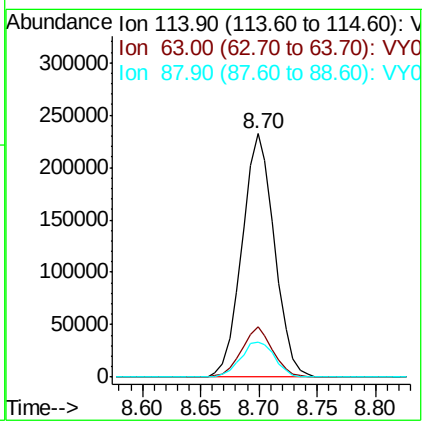


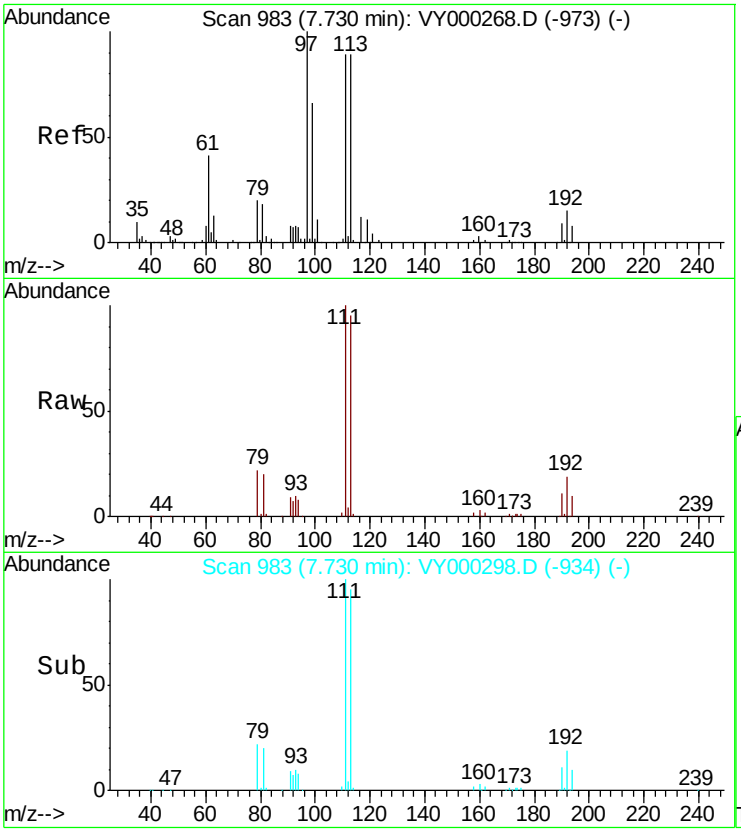


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Tgt Ion:114 Resp: 450190

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	37.2
88	14.4	0.0	30.2



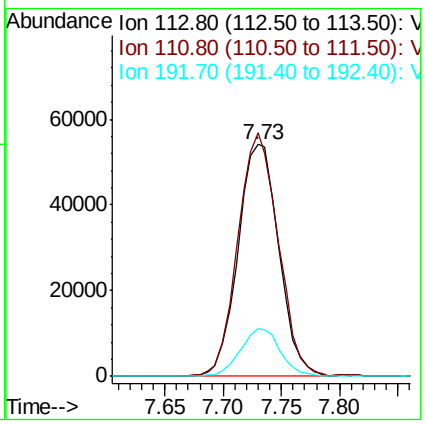


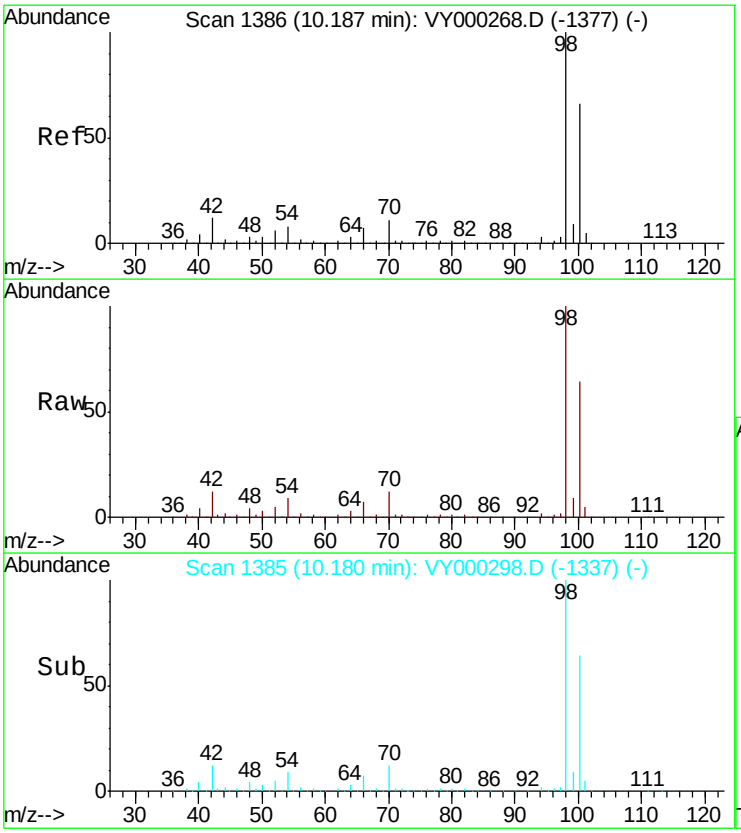
#35
Dibromofluoromethane
Concen: 48.861 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

Tgt Ion:113 Resp: 132687

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	19.9	15.3	22.9

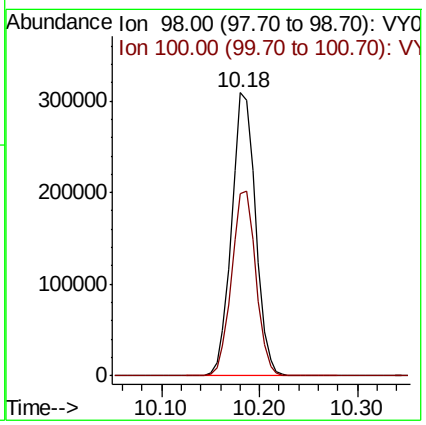


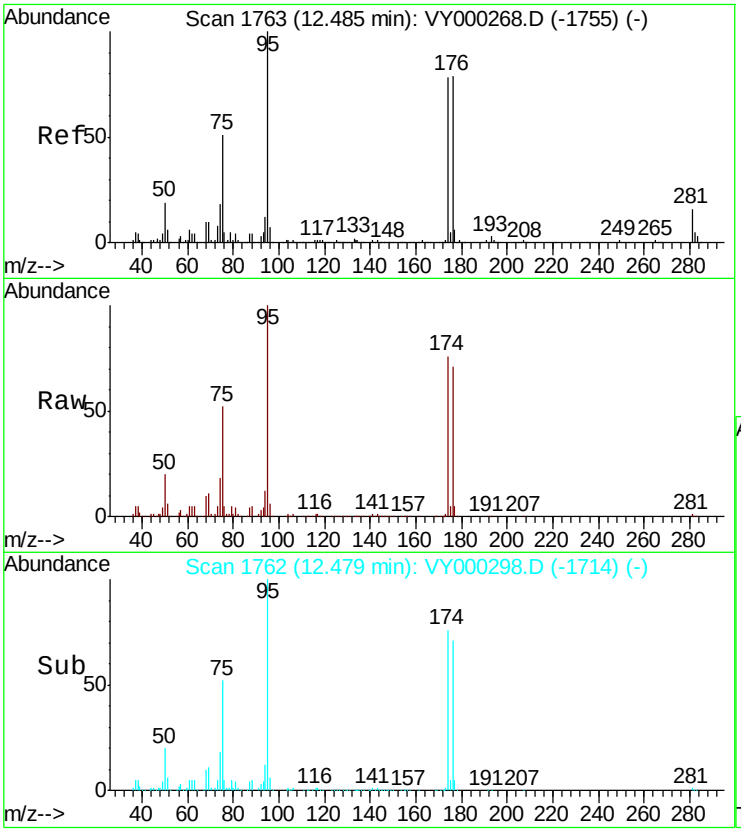


#50
Toluene-d8
Concen: 50.408 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Tgt Ion: 98 Resp: 526567

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2



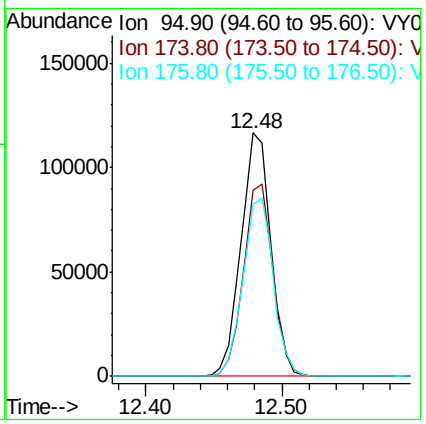


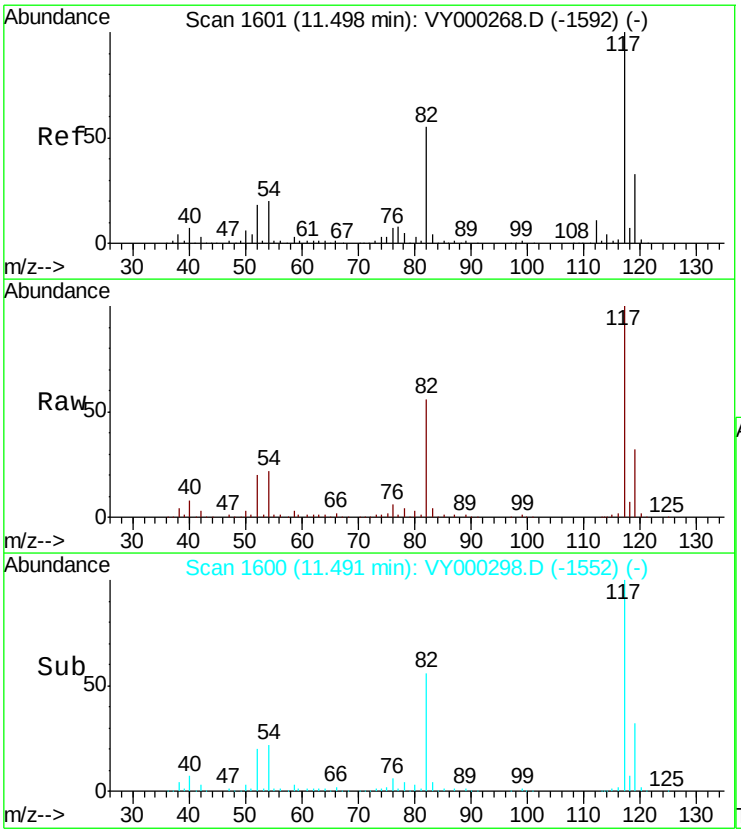
#62
4-Bromofluorobenzene
Concen: 45.156 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

Tgt Ion: 95 Resp: 179208

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	159.6
176	74.8	0.0	153.8

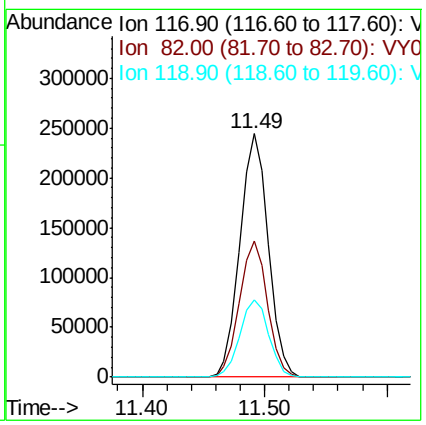


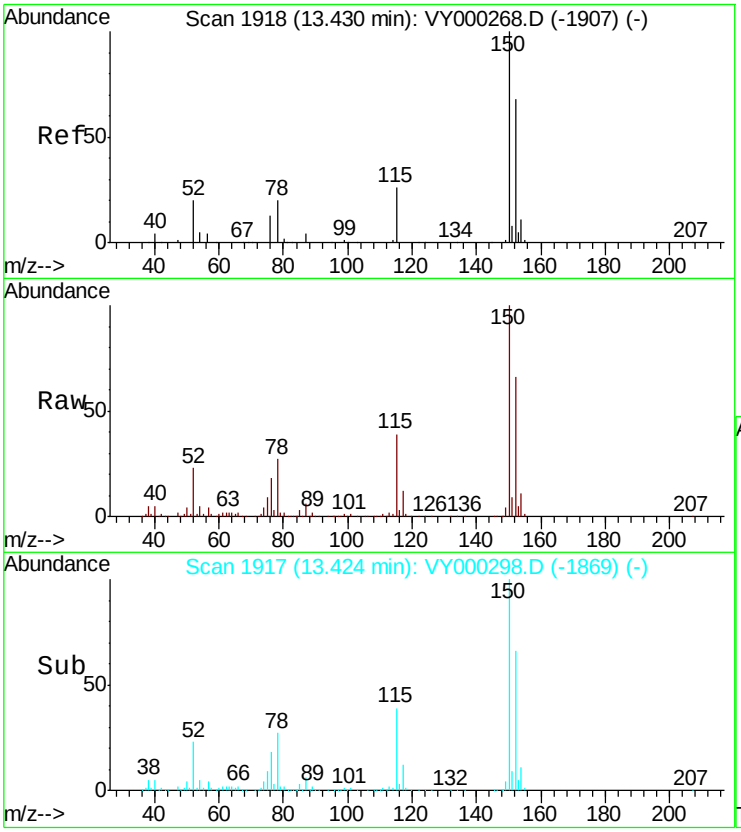


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Tgt Ion:117 Resp: 393653

Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.7	65.5
119	31.8	26.6	39.8



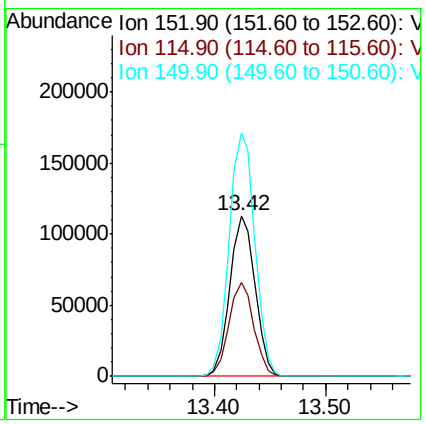


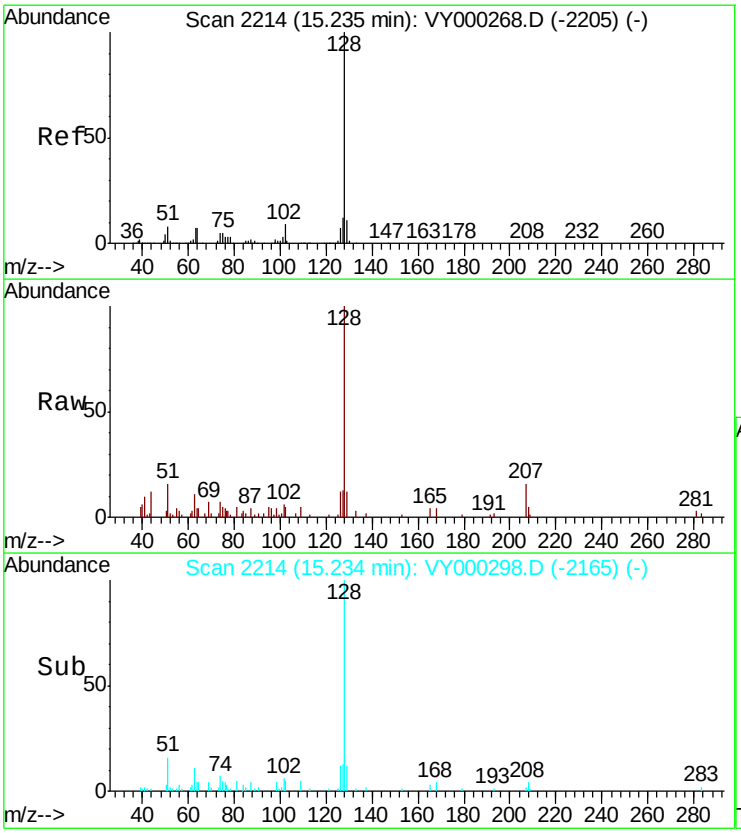
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Instrument : MSVOA_Y
ClientSampleId : TP-3RE

Tgt Ion:152 Resp: 176813

Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.3	88.0
150	154.2	0.0	348.4





#95
Naphthalene
Concen: 1.185 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000298.D
Acq: 14 Oct 2019 14:49

Tgt Ion:128 Resp: 10070

Ion	Ratio	Lower	Upper
128	100		
127	13.4	9.6	14.4
129	11.4	8.7	13.1