Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101419\
Data File : VY000296.D
Acq On : 14 Oct 2019 14:03
Operator : SY/MD
Sample : K5350-05
Misc : 8.22g/5.00ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VNJ-230

Quant Time: Oct 15 01:53:37 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	238991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	446388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	384398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	164562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	148730	59.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.00%			
35) Dibromofluoromethane	7.73	113	133716	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.32%			
50) Toluene-d8	10.19	98	514535	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.36%			
62) 4-Bromofluorobenzene	12.49	95	170927	43.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.88%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	5747	1.968	ug/l #	79
16) Acetone	3.96	43	24071	29.484	ug/l	90
17) Carbon Disulfide	4.20	76	16345	2.151	ug/l	99
25) 2-Butanone	7.01	43	9919	8.625	ug/l #	82
95) Naphthalene	15.23	128	12167	1.538	ug/l #	94

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

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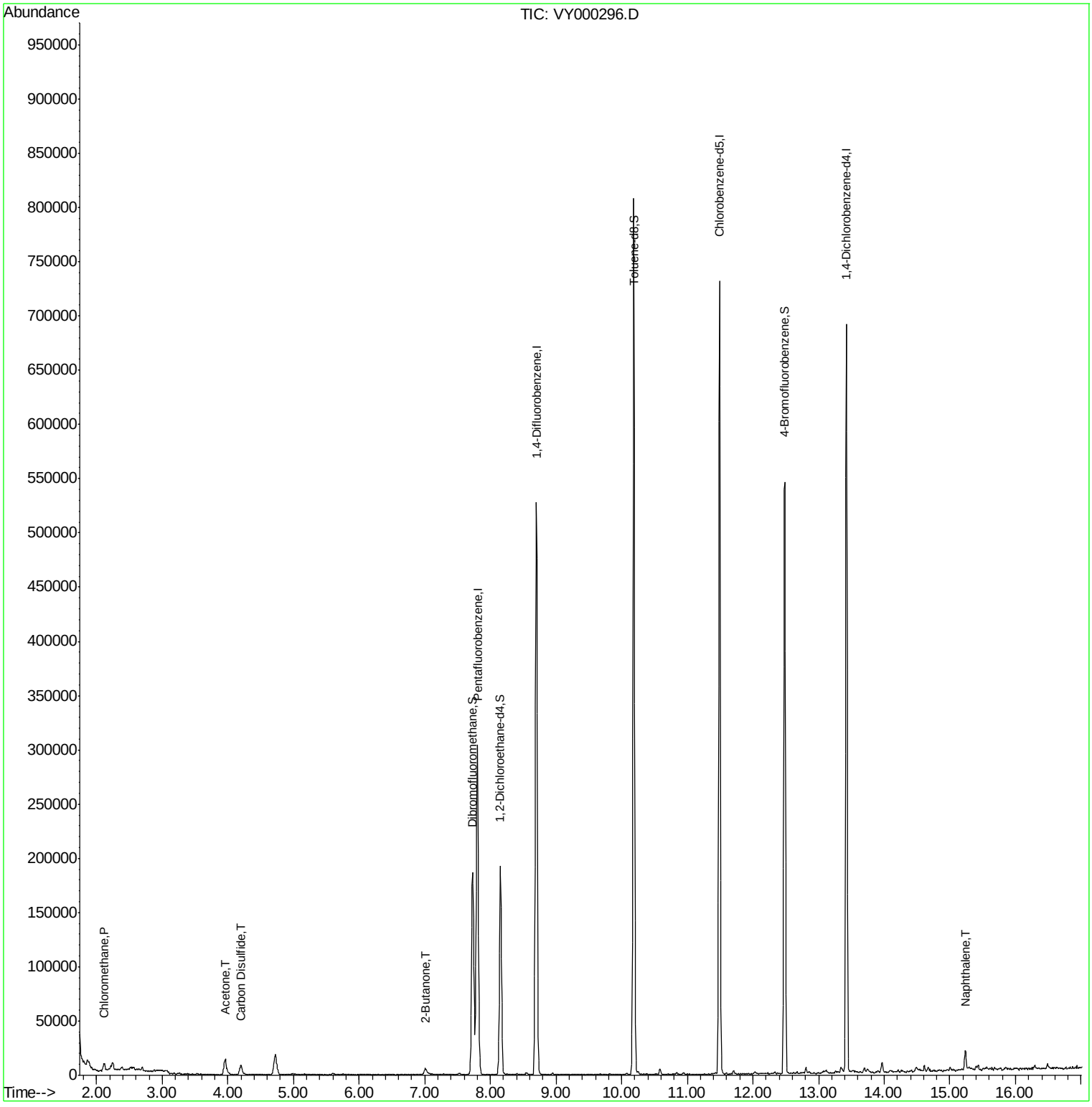
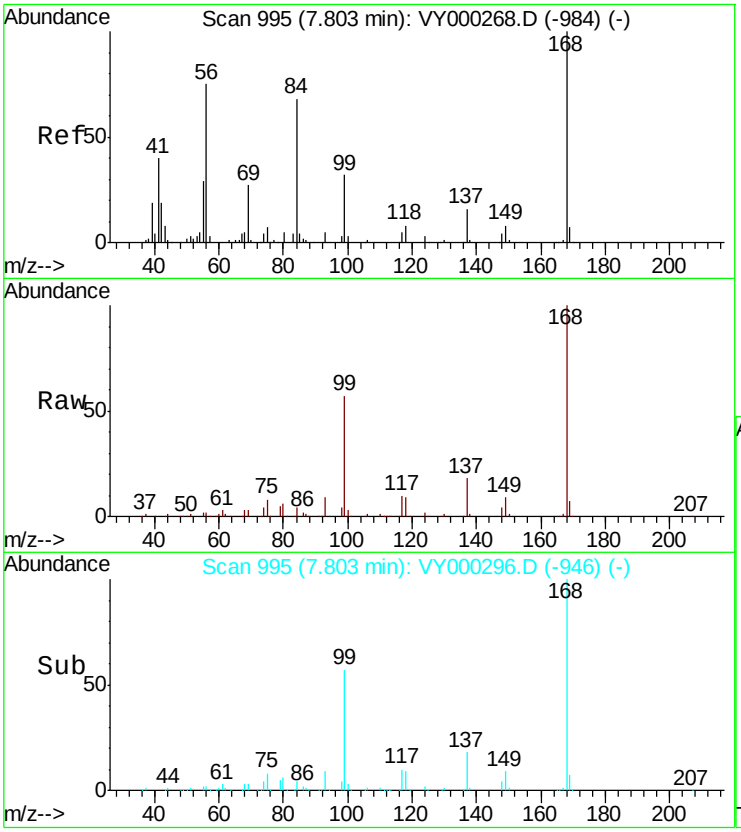


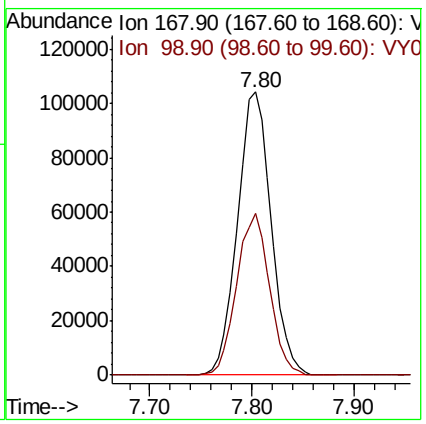


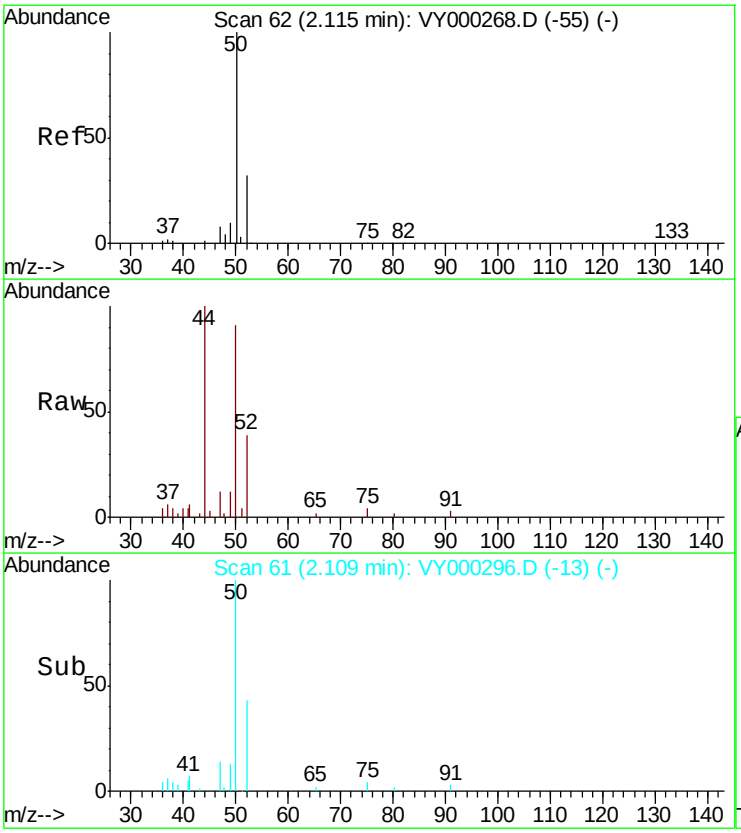
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

Tgt Ion:168 Resp: 238991

Ion	Ratio	Lower	Upper
168	100		
99	57.0	46.6	69.8

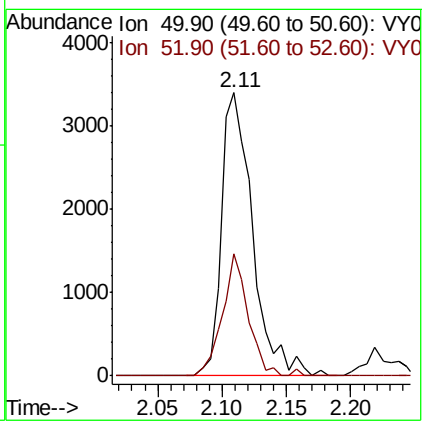


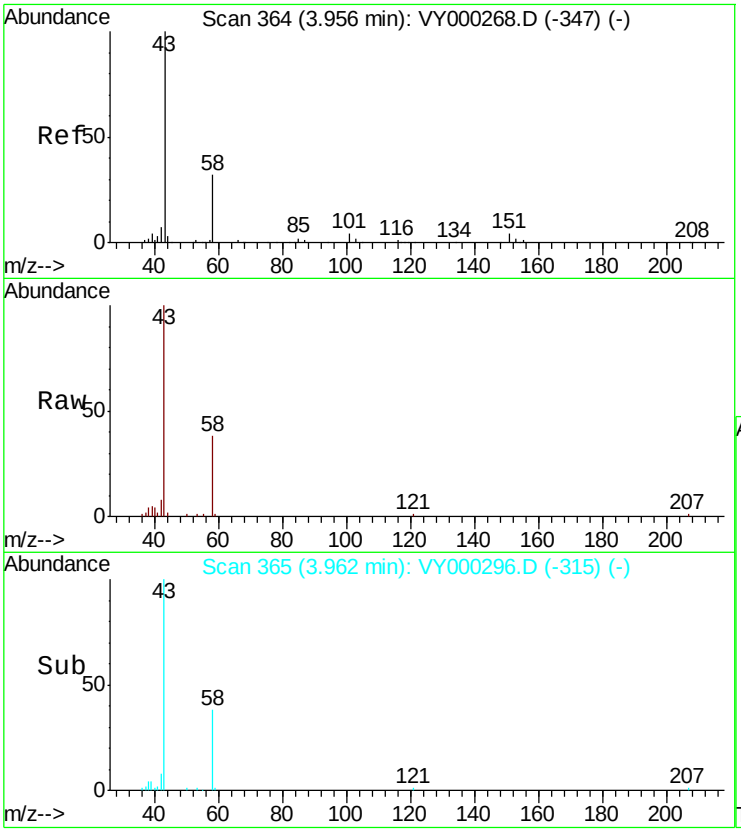


#3
Chloromethane
Concen: 1.968 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Tgt Ion: 50 Resp: 5747

Ion	Ratio	Lower	Upper
50	100		
52	43.2	25.3	37.9#



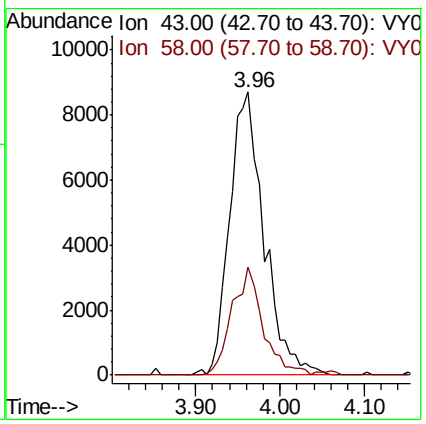


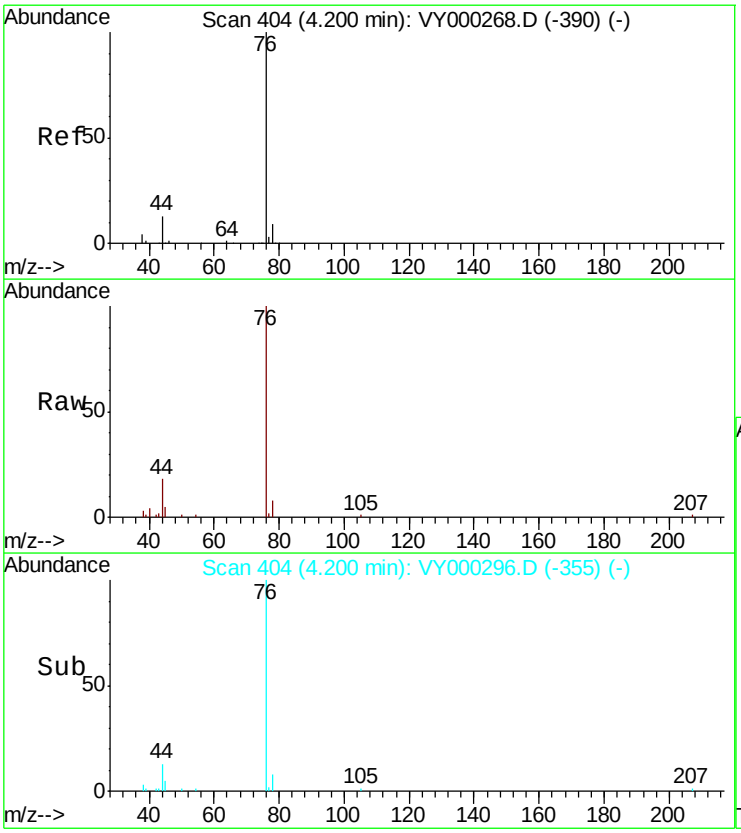
#16
Acetone
Concen: 29.484 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Instrument : MSVOA_Y
ClientSampleId : VNJ-230

Tgt Ion: 43 Resp: 24071

Ion	Ratio	Lower	Upper
43	100		
58	38.0	25.8	38.6

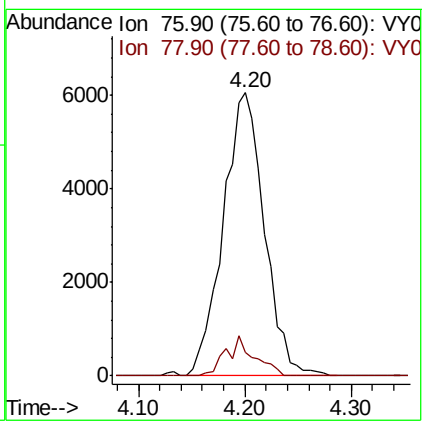


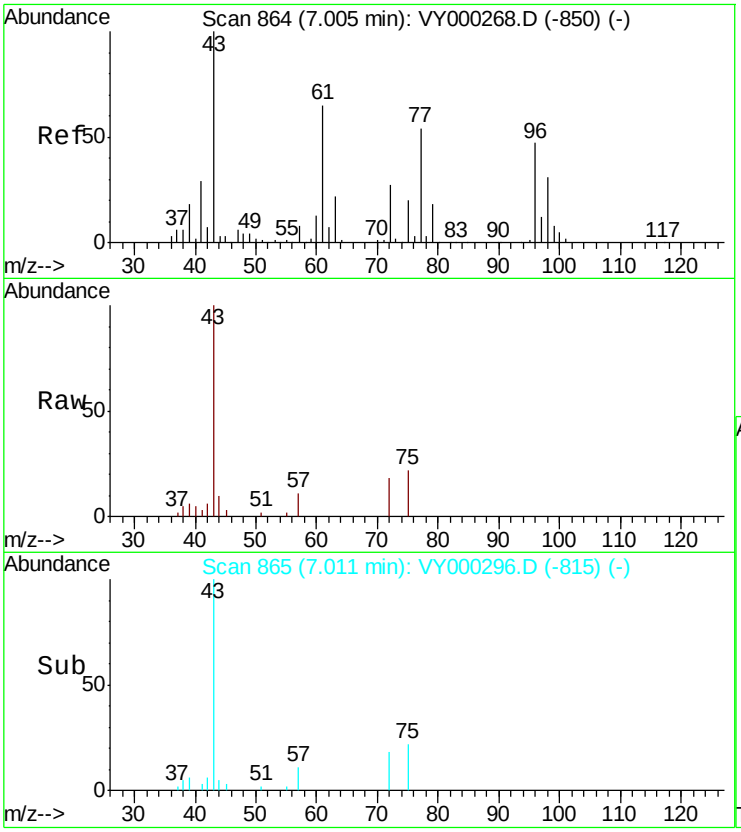


#17
Carbon Disulfide
Concen: 2.151 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Tgt Ion: 76 Resp: 16345

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4



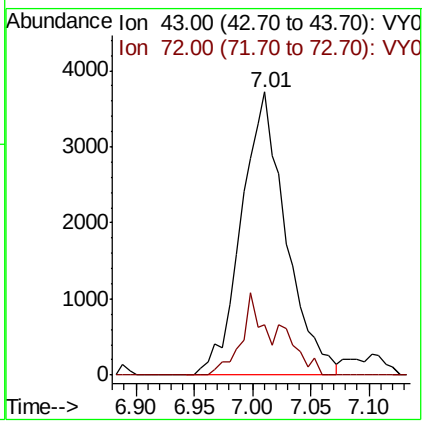


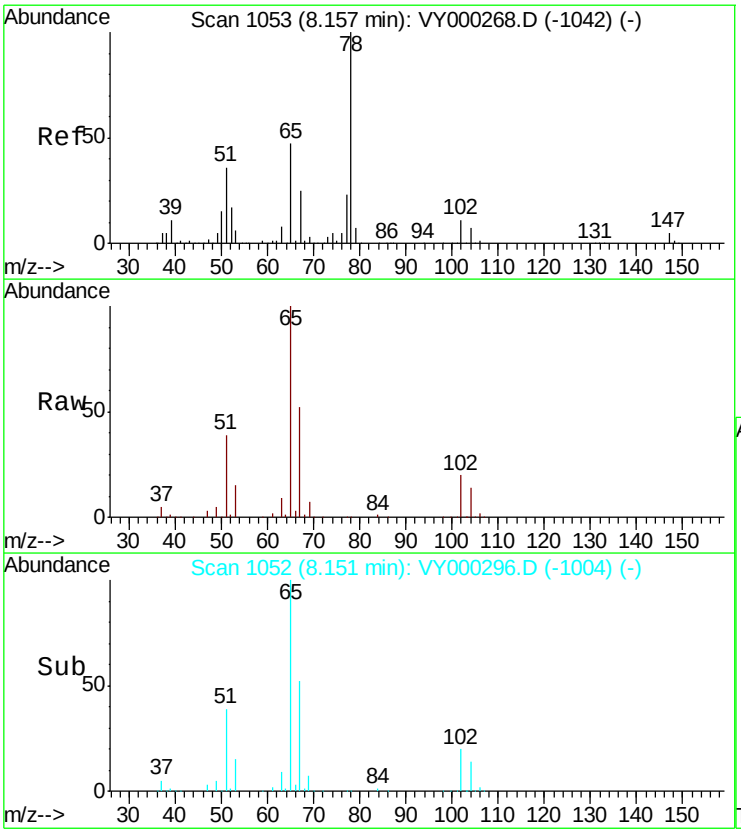
#25
2-Butanone
Concen: 8.625 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

Tgt Ion: 43 Resp: 9919

Ion	Ratio	Lower	Upper
43	100		
72	17.6	21.4	32.2#

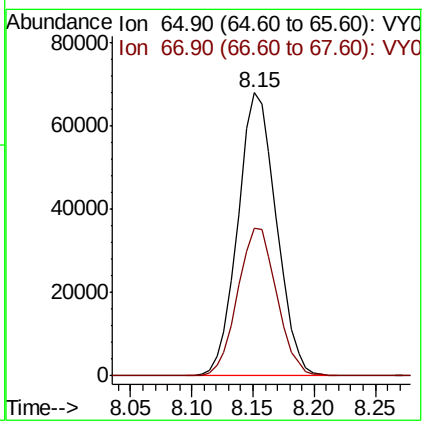


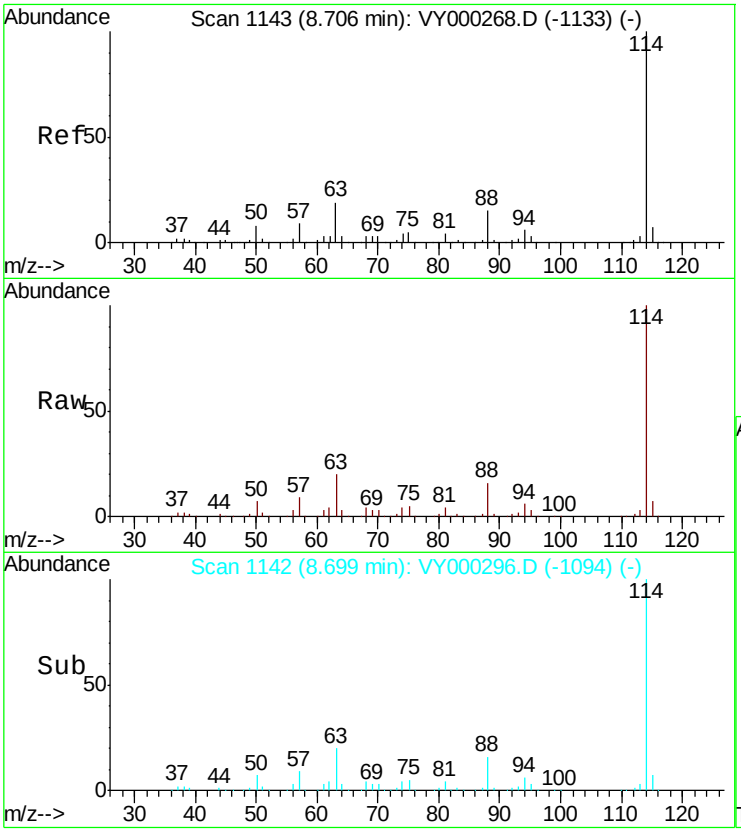


#33
1,2-Dichloroethane-d4
Concen: 58.997 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Tgt Ion: 65 Resp: 148730

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	109.4



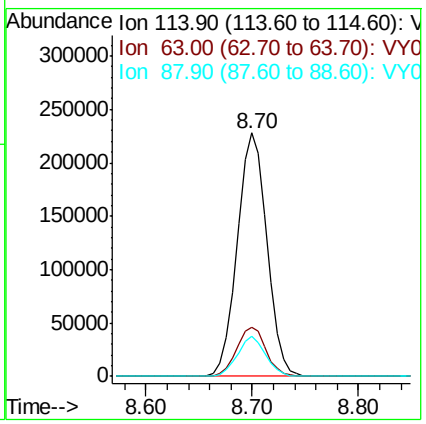


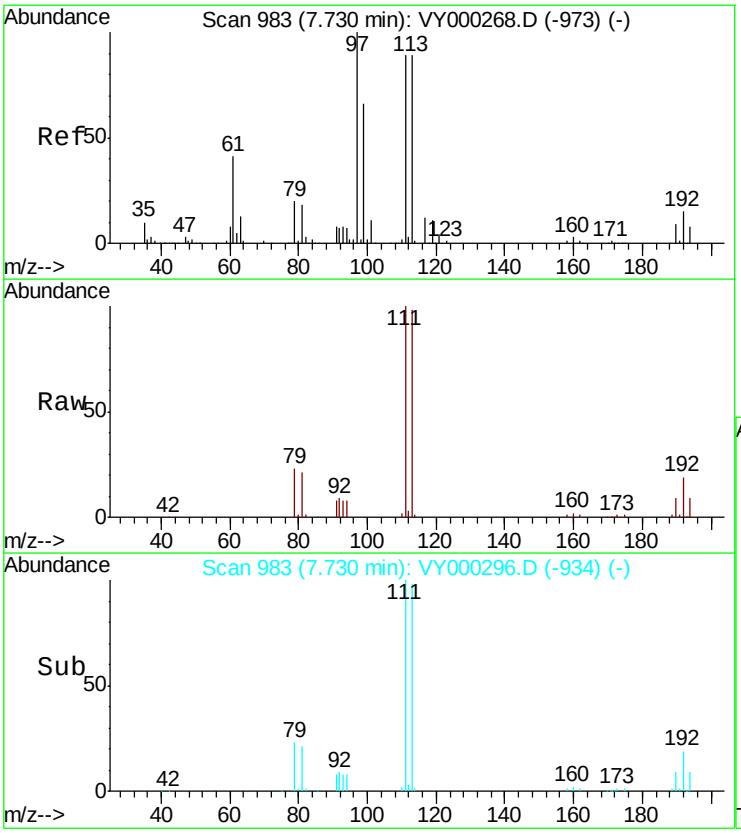
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

Tgt Ion:114 Resp: 446388

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	37.2
88	16.5	0.0	30.2

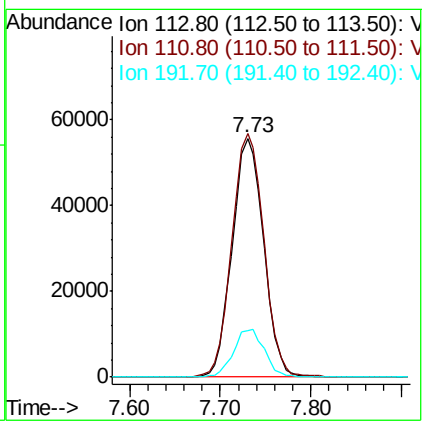


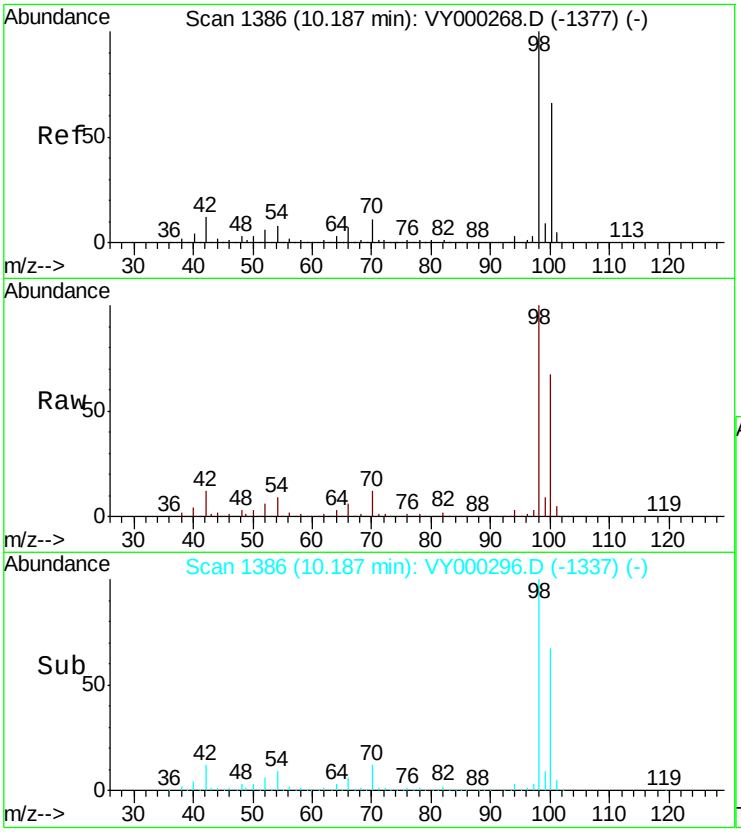


#35
Dibromofluoromethane
Concen: 49.660 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Tgt Ion:113 Resp: 133716

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.6	122.4
192	19.6	15.3	22.9



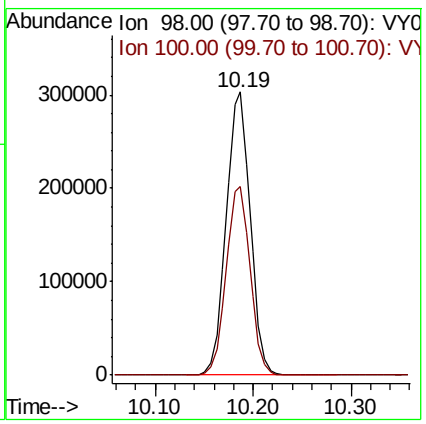


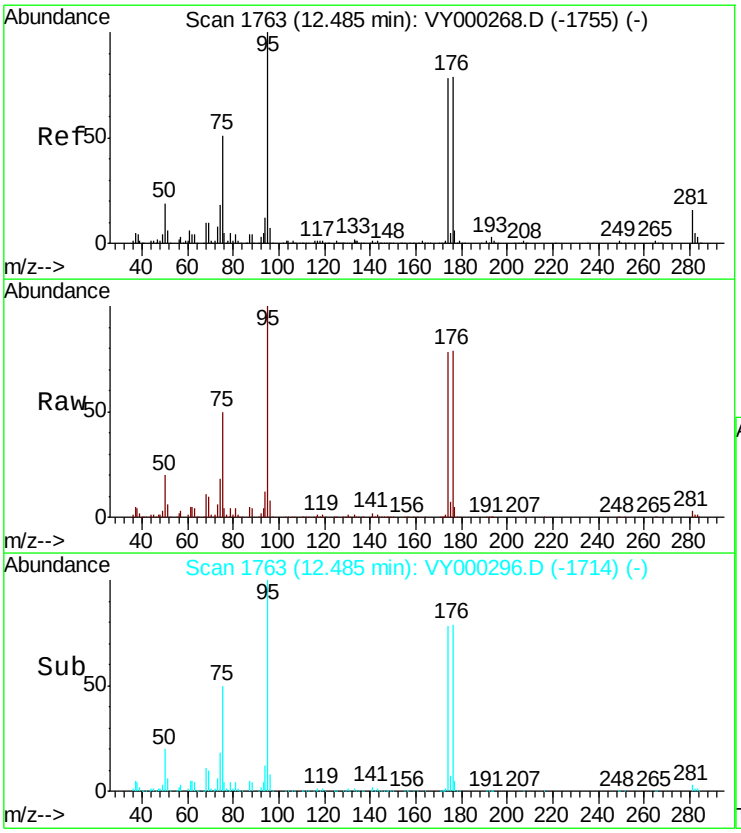
#50
Toluene-d8
Concen: 49.675 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Instrument : MSVOA_Y
ClientSampleId : VNJ-230

Tgt Ion: 98 Resp: 514535

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.8	79.2

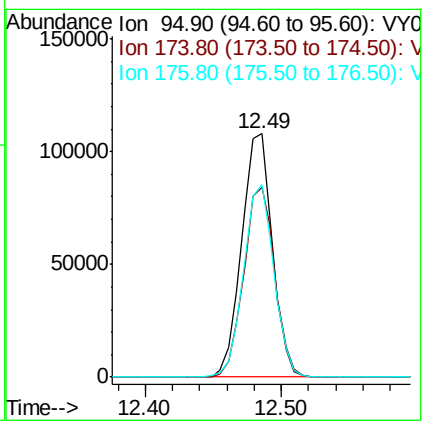


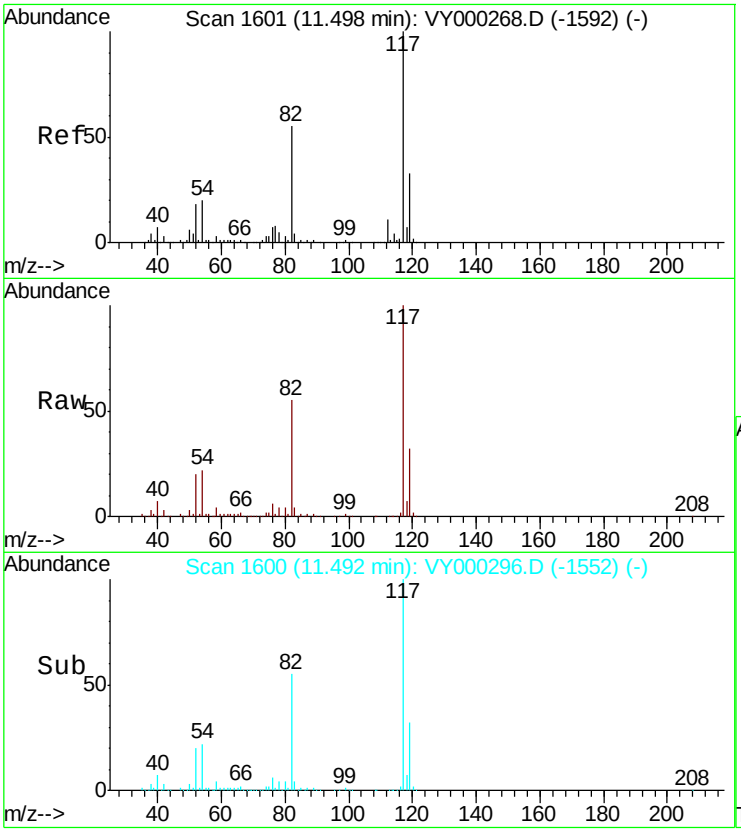


#62
4-Bromofluorobenzene
Concen: 43.437 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Tgt Ion: 95 Resp: 170927

Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	159.6
176	78.2	0.0	153.8



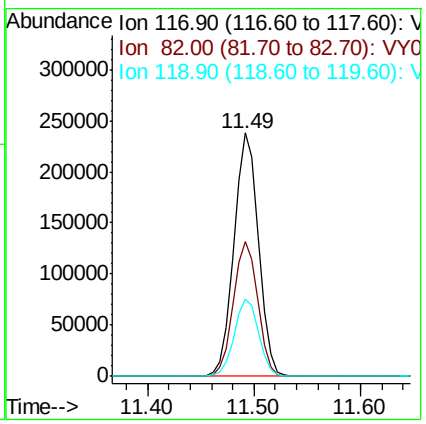


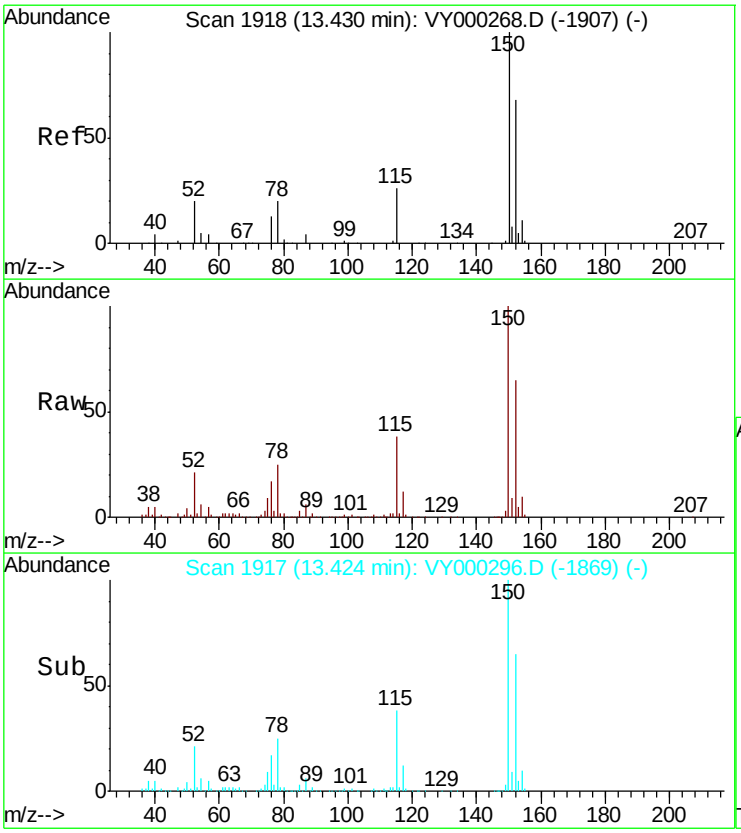
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Instrument : MSVOA_Y
ClientSampleId : VNJ-230

Tgt Ion:117 Resp: 384398

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.7	65.5
119	31.8	26.6	39.8

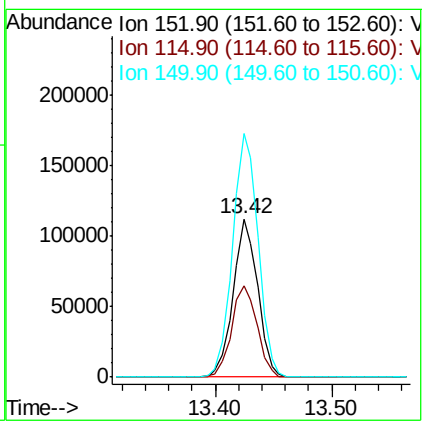


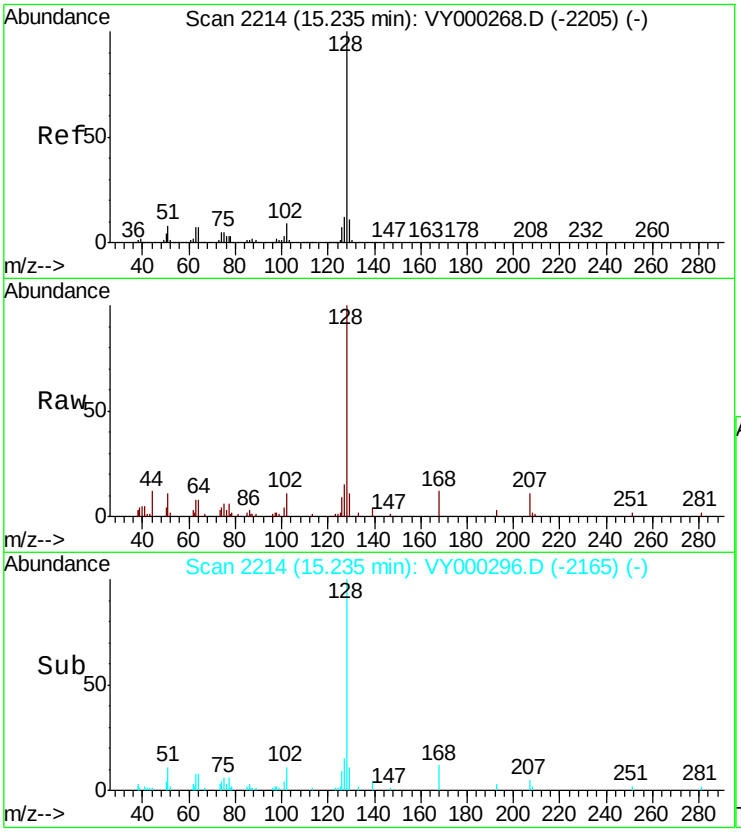


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Tgt Ion:152 Resp: 164562

Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.3	88.0
150	159.8	0.0	348.4





#95
Naphthalene
Concen: 1.538 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000296.D
Acq: 14 Oct 2019 14:03

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230

Tgt Ion:128 Resp: 12167

Ion	Ratio	Lower	Upper
128	100		
127	15.7	9.6	14.4#
129	11.8	8.7	13.1