Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001112.D
Acq On : 27 Dec 2019 20:30
Operator : SY/MD
Sample : K6438-09RE
Misc : 5.13G/5ML/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : DUNR-BF006-01

Quant Time: Dec 28 04:07:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	443628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	394300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	179742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	121292	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.60%			
35) Dibromofluoromethane	7.73	113	128242	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.18%			
50) Toluene-d8	10.18	98	512351	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
62) 4-Bromofluorobenzene	12.48	95	170092	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.14%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.96	59	1059	4.153	ug/l #	74
16) Acetone	3.96	43	6648	12.443	ug/l	92
20) Methylene Chloride	4.72	84	10514	3.343	ug/l #	81
25) 2-Butanone	7.00	43	3465	3.692	ug/l #	77
29) Tetrahydrofuran	7.37	42	1329	1.991	ug/l #	80
36) 1,1-Dichloropropene	7.80	75	17985	4.250	ug/l #	50
38) Carbon Tetrachloride	7.80	117	22275	6.007	ug/l #	17
51) 4-Methyl-2-Pentanone	10.07	43	2928	1.295	ug/l	91
76) 1,2,3-Trichloropropane	12.48	75	83222	37.558	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83222	80.102	ug/l #	19

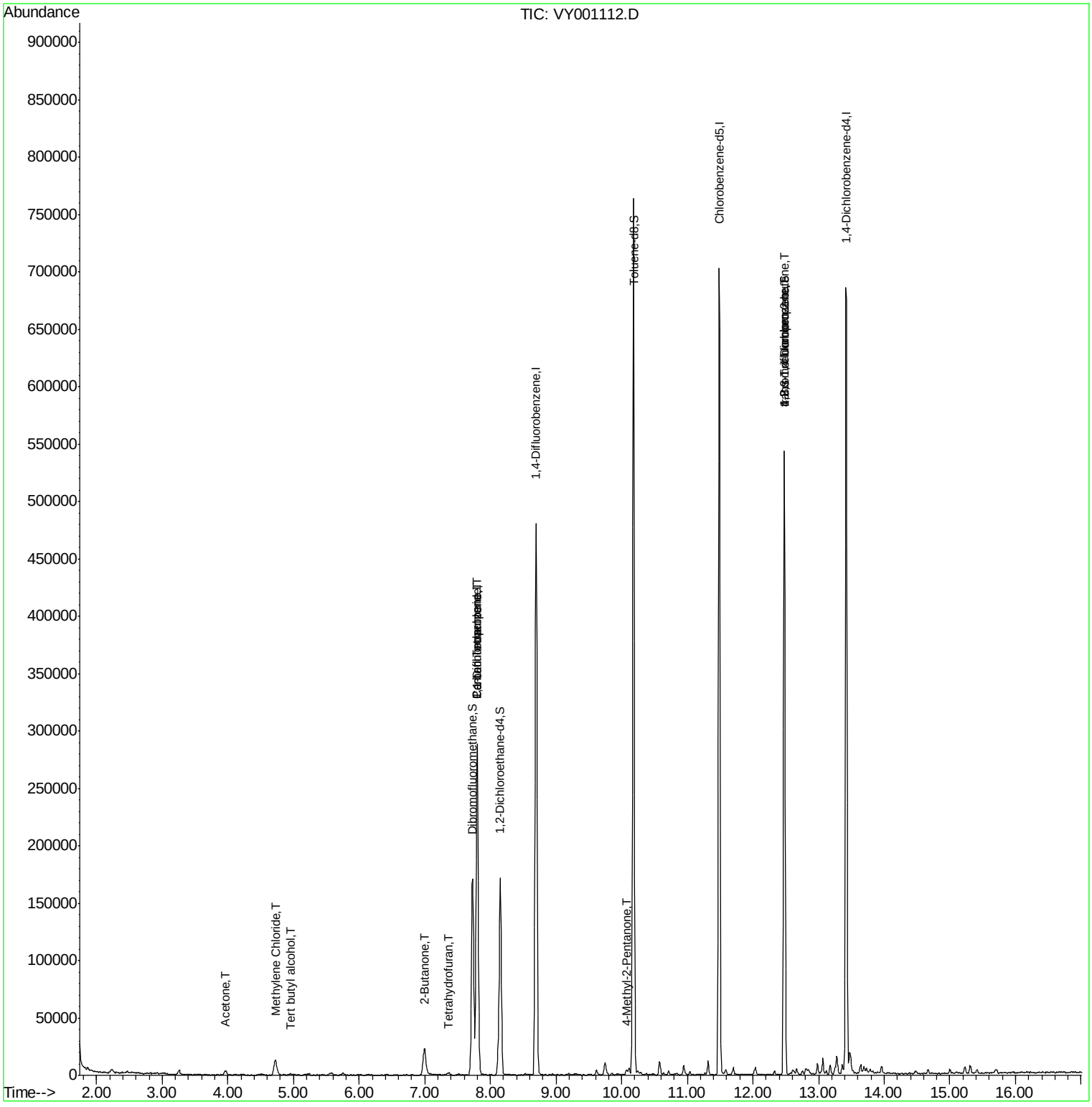
(#) = qualifier out of range (m) = manual integration (+) = signals summed

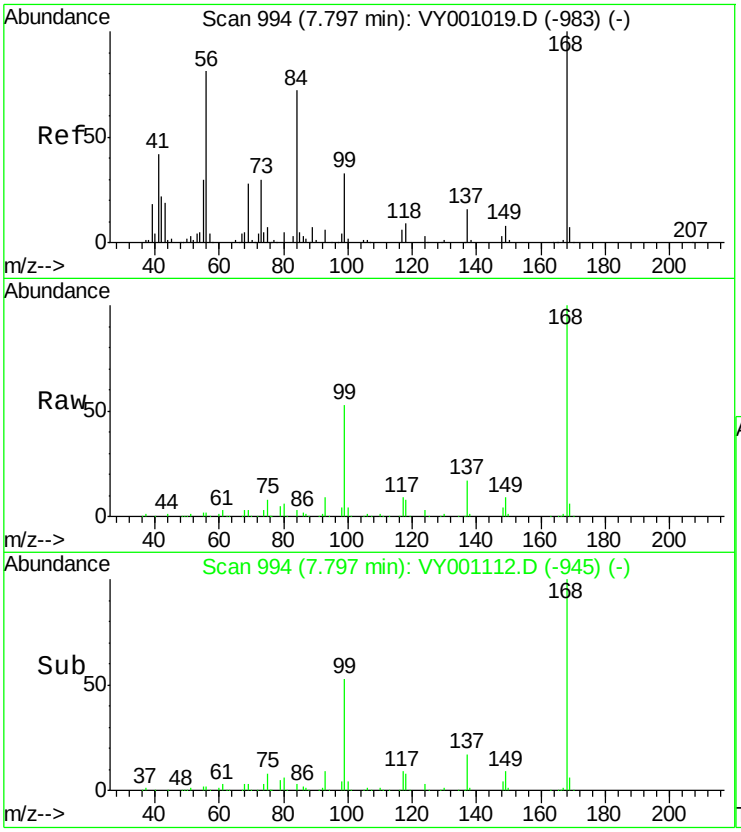
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001112.D
Acq On : 27 Dec 2019 20:30
Operator : SY/MD
Sample : K6438-09RE
Misc : 5.13G/5ML/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF006-01

Quant Time: Dec 28 04:07:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration



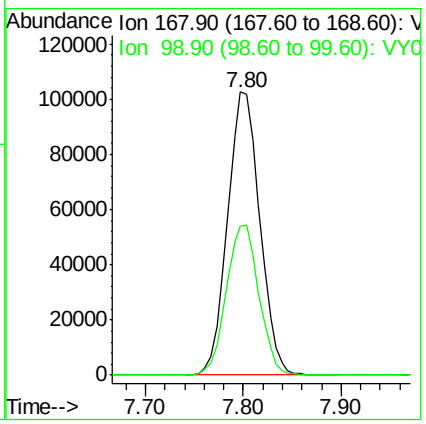


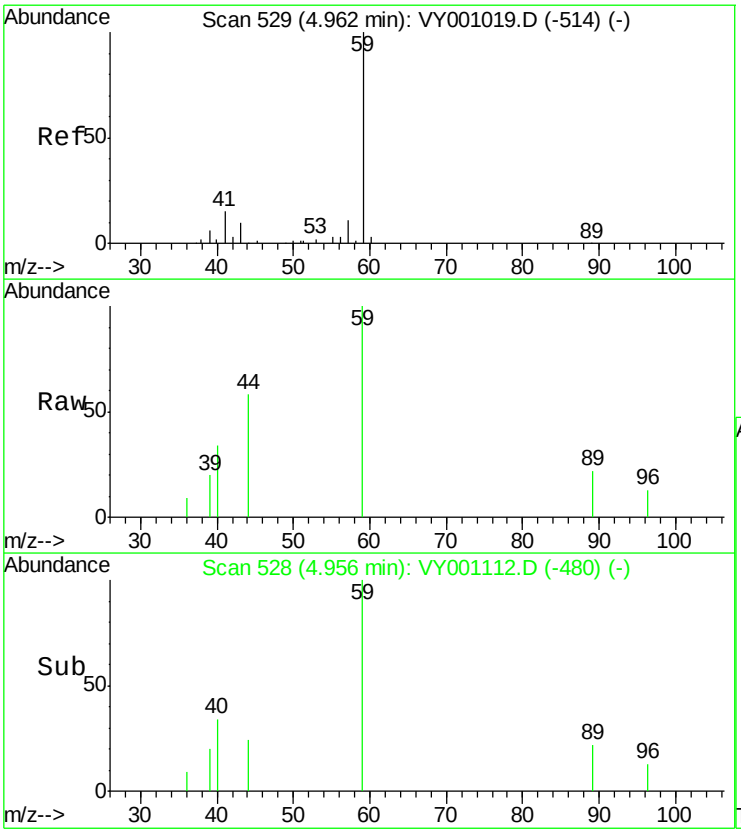
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF006-01

Tgt Ion:168 Resp: 235140

Ion	Ratio	Lower	Upper
168	100		
99	52.5	44.0	66.0

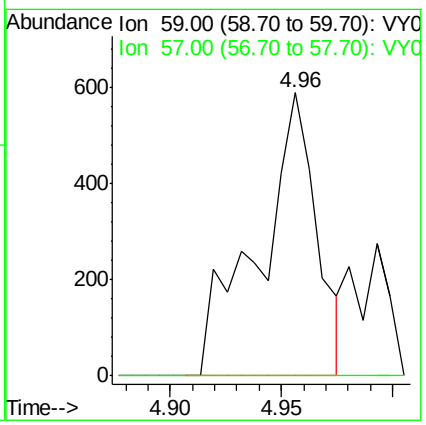


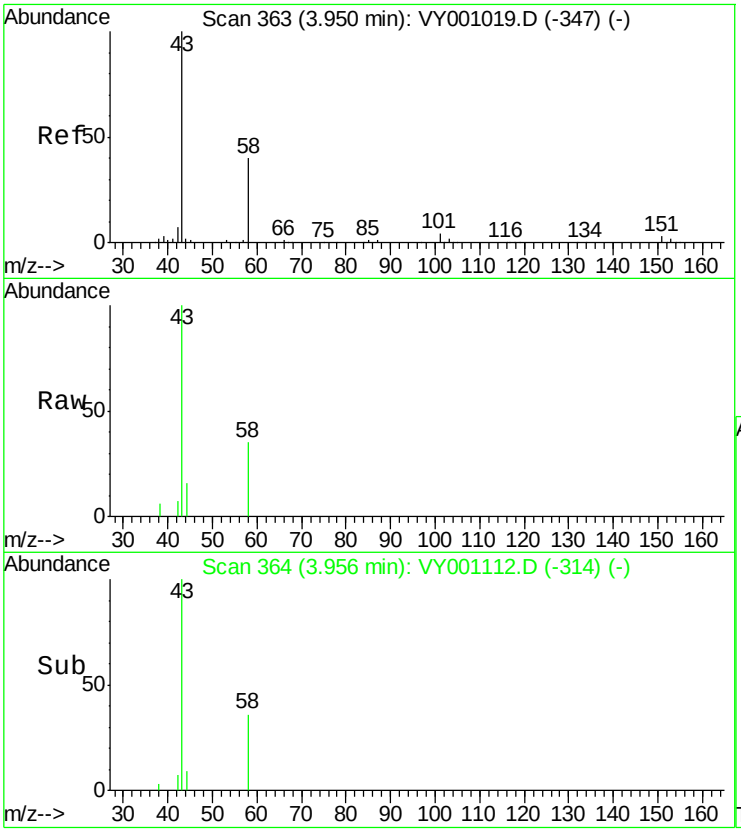


#11
Tert butyl alcohol
Concen: 4.153 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Tgt Ion: 59 Resp: 1059

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



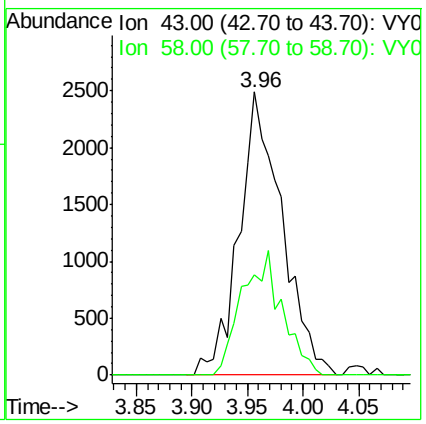


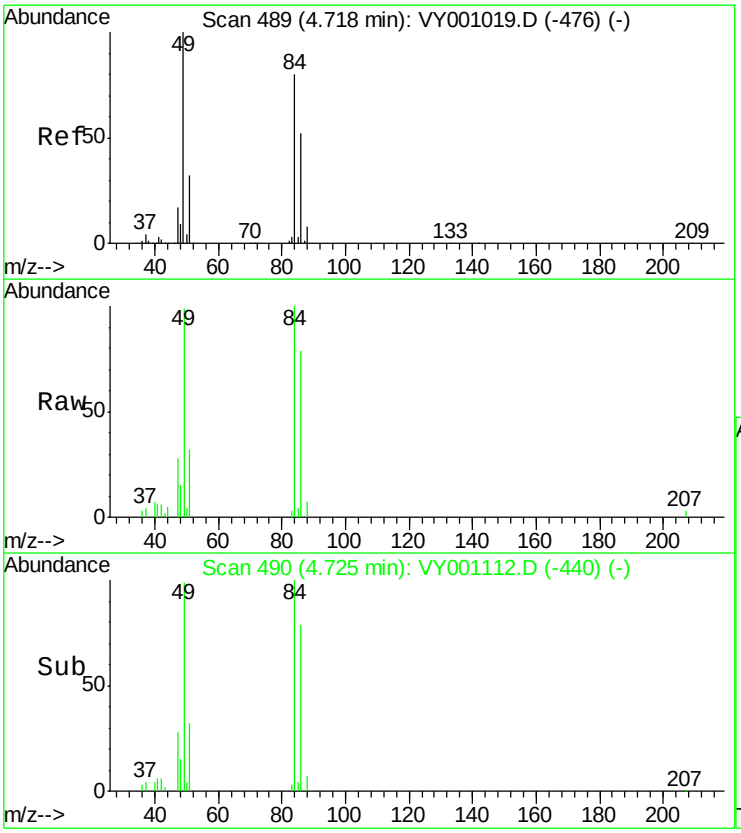
#16
Acetone
Concen: 12.443 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF006-01

Tgt Ion: 43 Resp: 6648

Ion	Ratio	Lower	Upper
43	100		
58	35.3	32.1	48.1

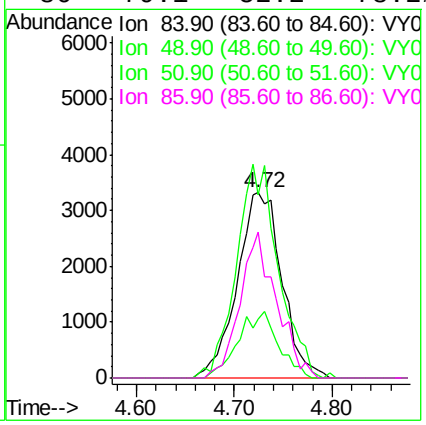


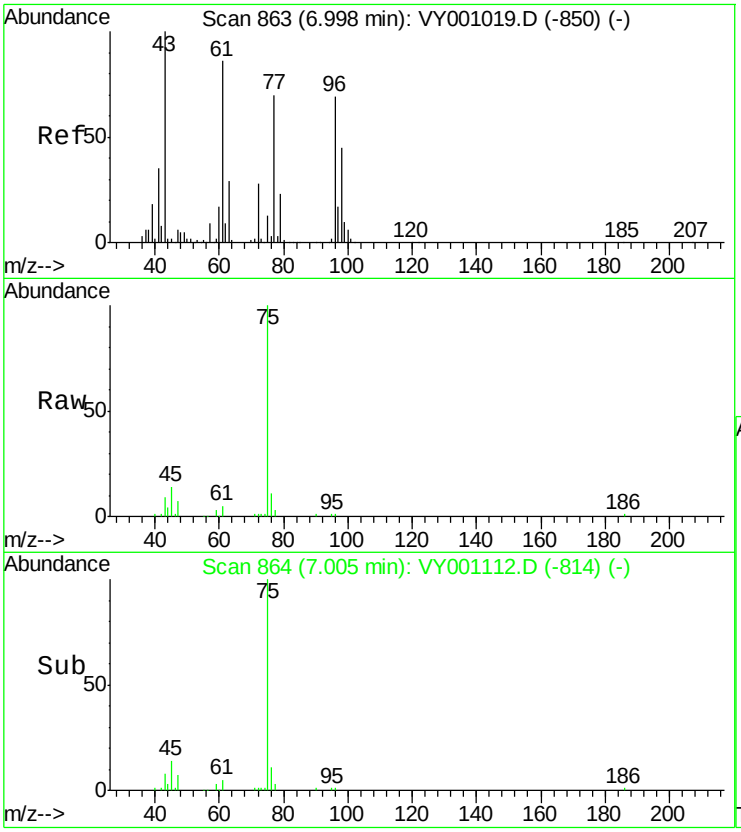


#20
Methylene Chloride
Concen: 3.343 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Tgt Ion: 84 Resp: 10514

Ion	Ratio	Lower	Upper
84	100		
49	98.9	99.8	149.6#
51	32.1	31.4	47.2
86	79.1	52.2	78.2#



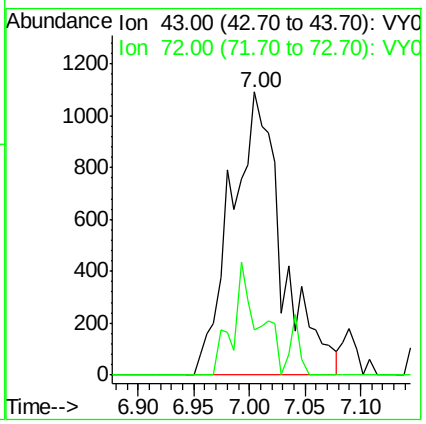


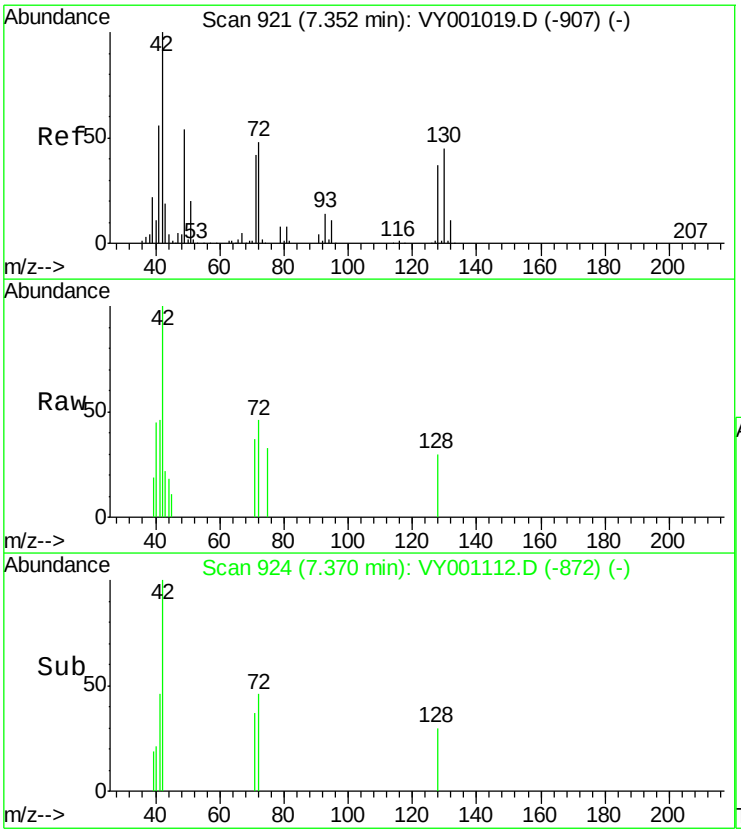
#25
2-Butanone
Concen: 3.692 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Instrument : MSVOA_Y
ClientSampleId : DUNR-BF006-01

Tgt Ion: 43 Resp: 3465

Ion	Ratio	Lower	Upper
43	100		
72	15.9	22.4	33.6#

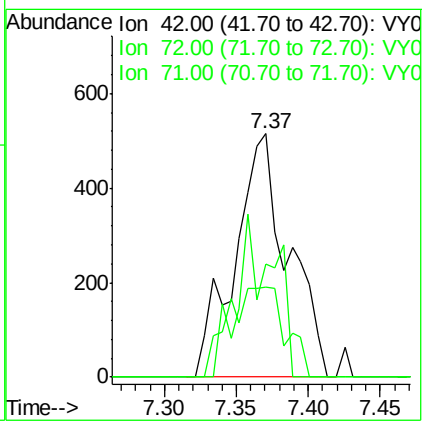


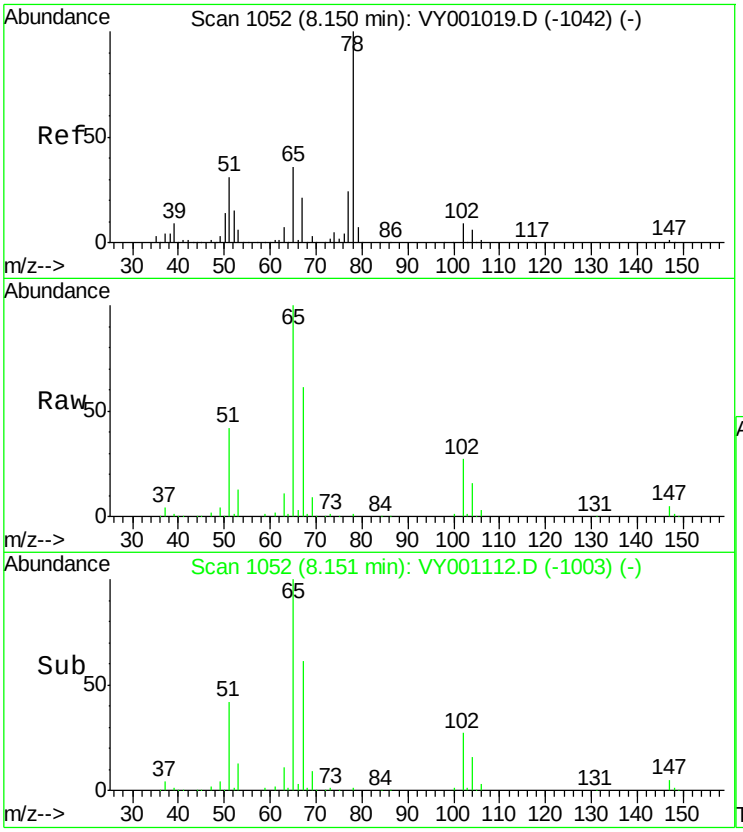


#29
Tetrahydrofuran
Concen: 1.991 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Tgt Ion: 42 Resp: 1329

Ion	Ratio	Lower	Upper
42	100		
72	24.6	37.7	56.5#
71	40.4	34.6	51.8



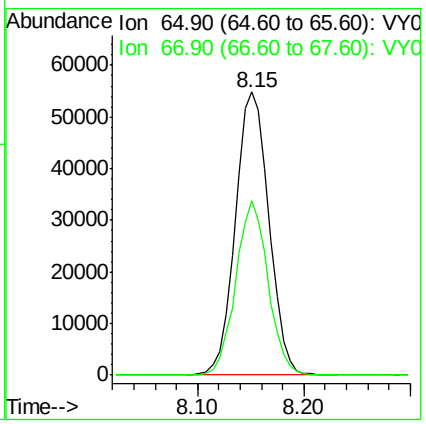


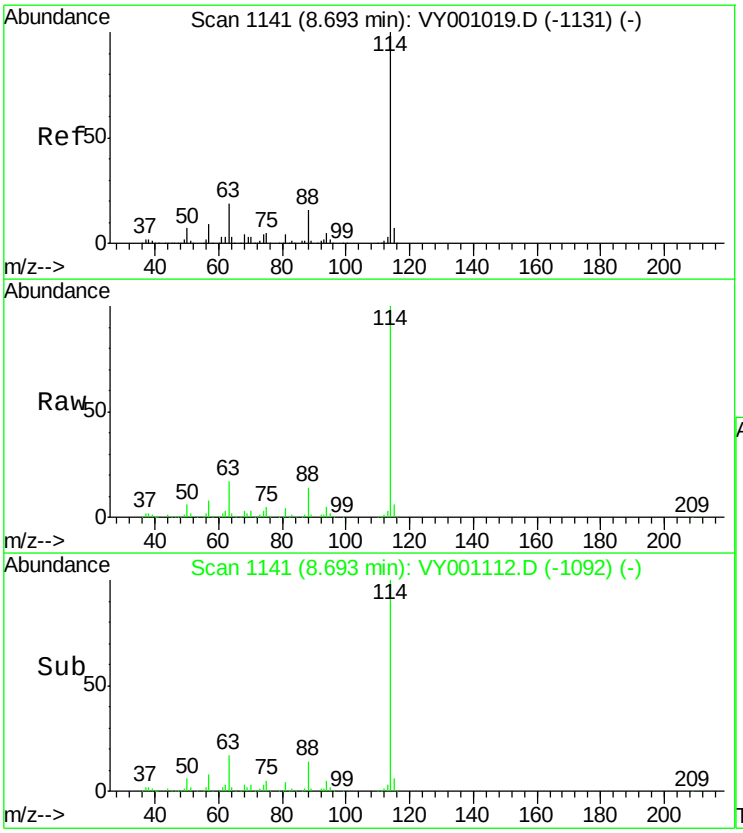
#33
1,2-Dichloroethane-d4
Concen: 52.301 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF006-01

Tgt Ion: 65 Resp: 121292

Ion	Ratio	Lower	Upper
65	100		
67	59.3	0.0	112.8

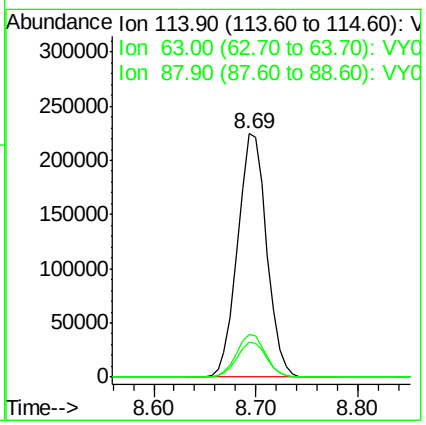


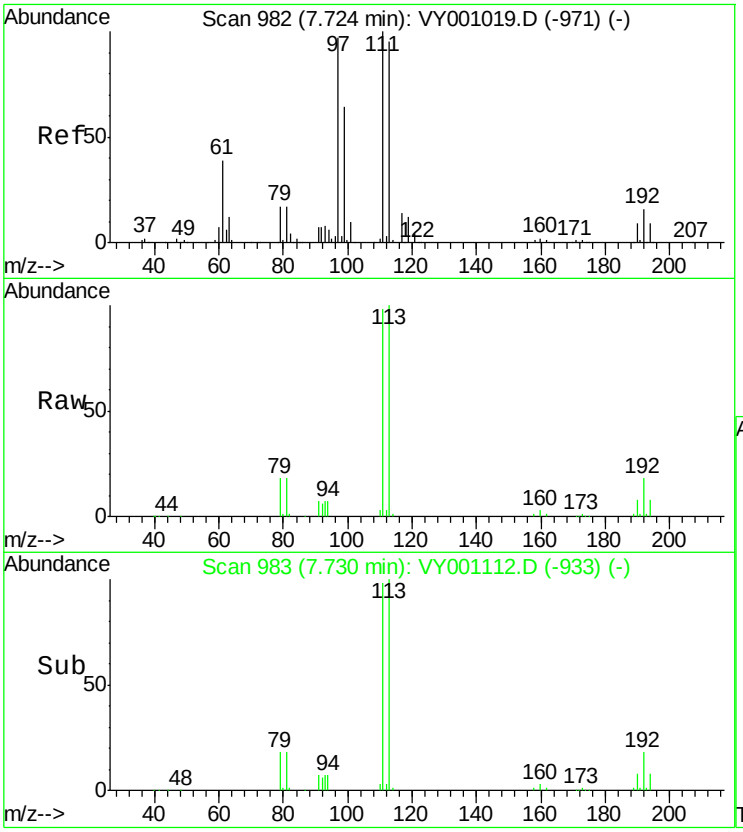


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Tgt Ion:114 Resp: 443628

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	37.0
88	14.1	0.0	32.0



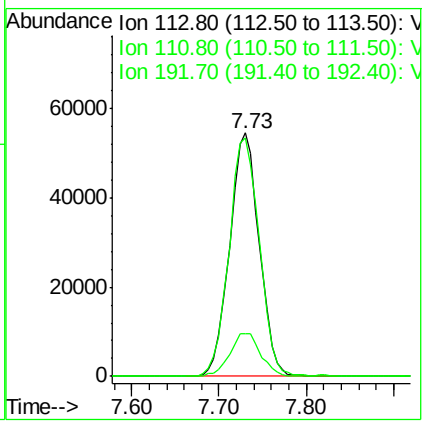


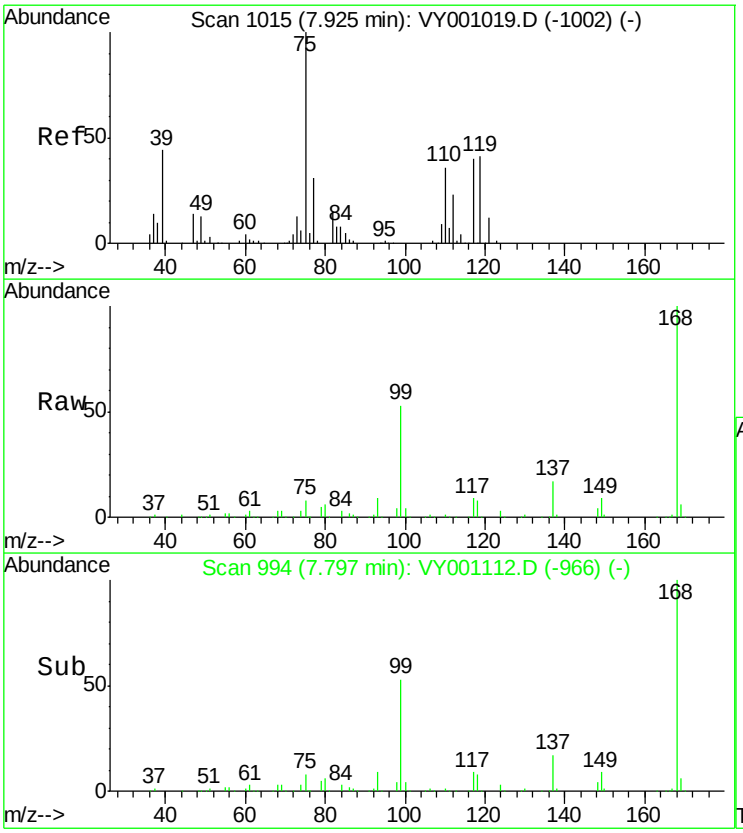
#35
Dibromofluoromethane
Concen: 49.091 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF006-01

Tgt Ion:113 Resp: 128242

Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.0	124.4
192	18.4	14.6	21.8

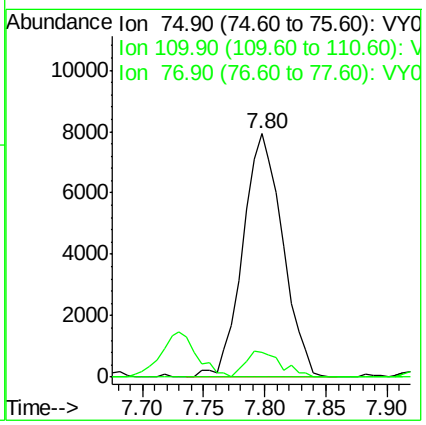


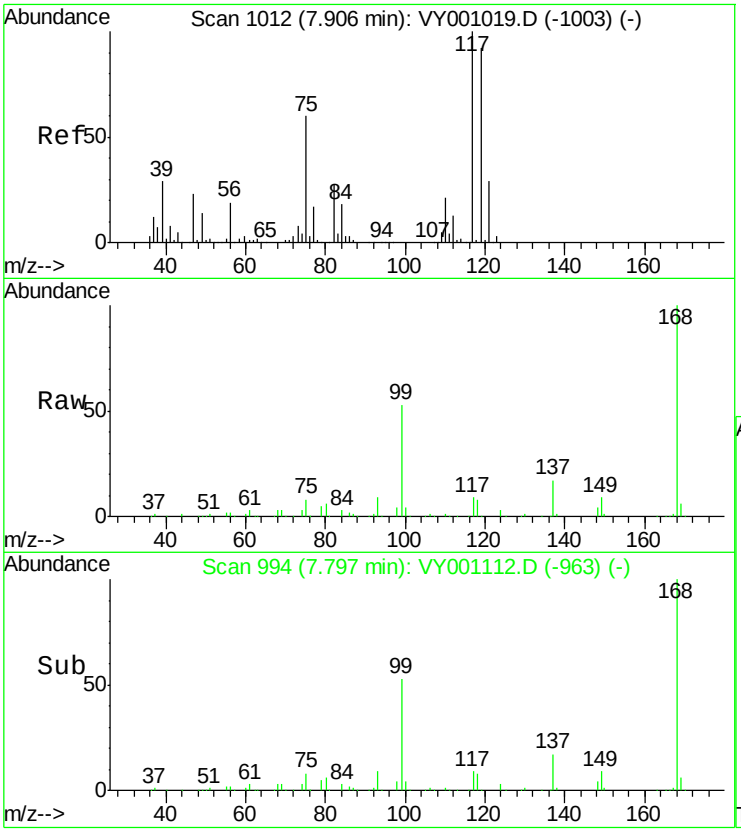


#36
1,1-Dichloropropene
Concen: 4.250 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Tgt Ion: 75 Resp: 17985

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	24.6	37.0#



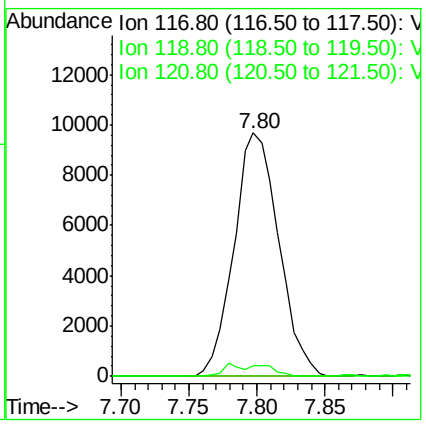


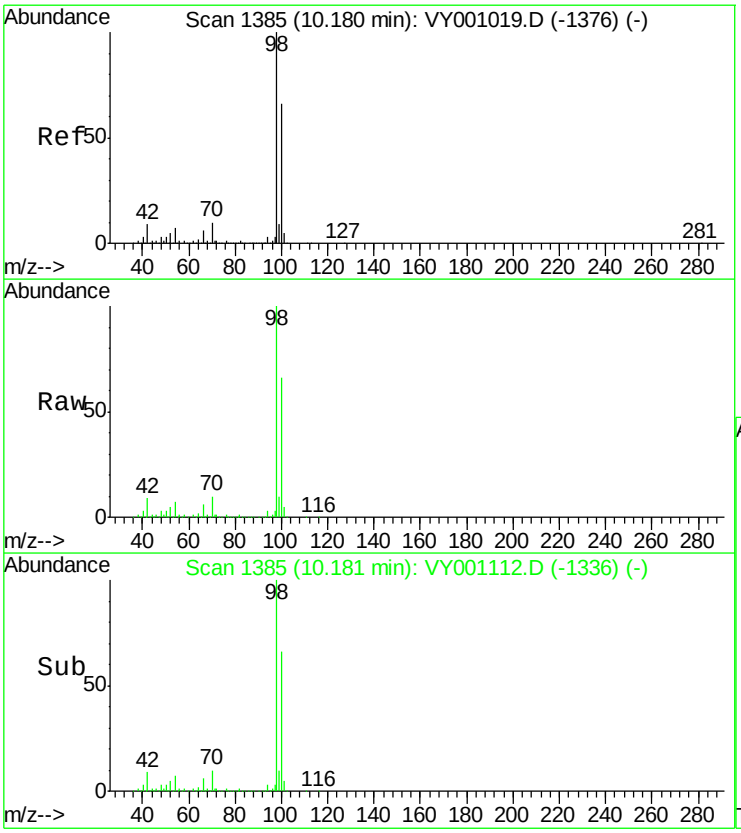
#38
Carbon Tetrachloride
Concen: 6.007 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF006-01

Tgt Ion:117 Resp: 22275

Ion	Ratio	Lower	Upper
117	100		
119	4.2	74.2	111.2#
121	0.0	22.9	34.3#

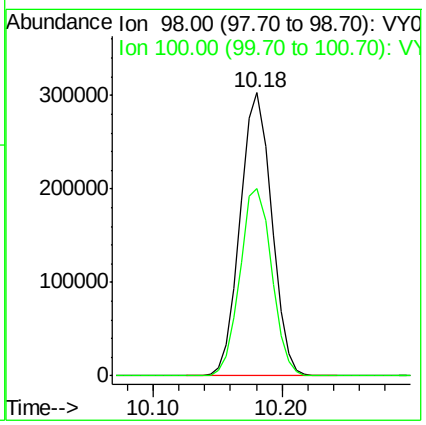


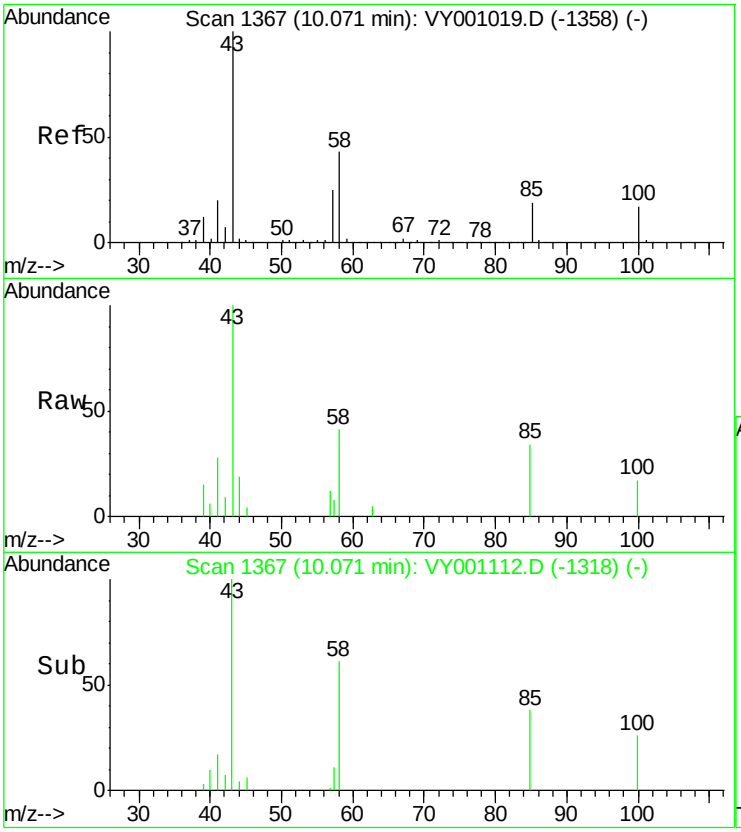


#50
Toluene-d8
Concen: 50.187 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Tgt Ion: 98 Resp: 512351

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4



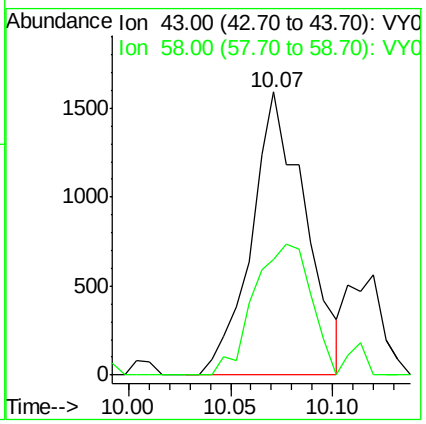


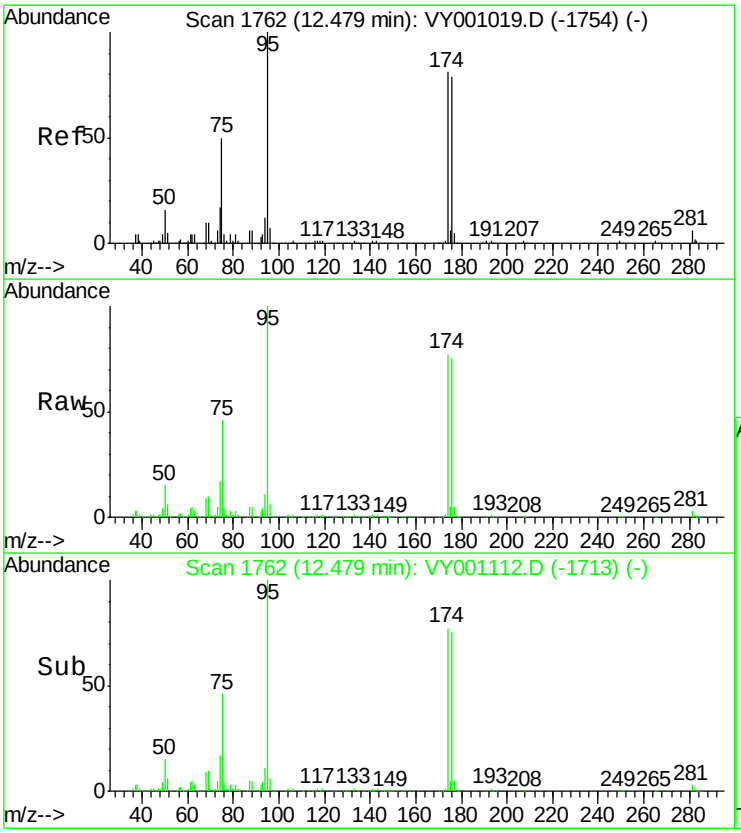
#51
4-Methyl-2-Pentanone
Concen: 1.295 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF006-01

Tgt Ion: 43 Resp: 2928

Ion	Ratio	Lower	Upper
43	100		
58	49.2	34.6	52.0

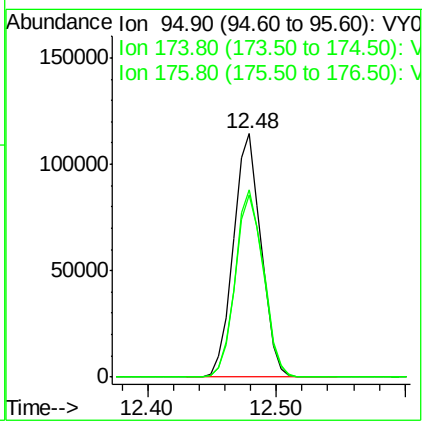


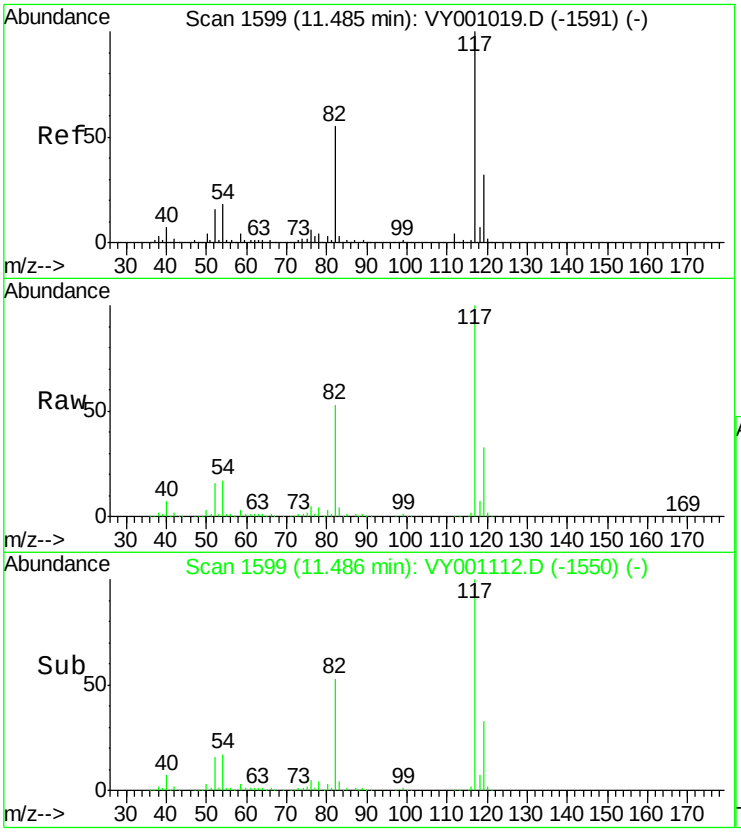


#62
4-Bromofluorobenzene
Concen: 45.570 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Tgt Ion: 95 Resp: 170092

Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	156.4
176	76.6	0.0	155.0



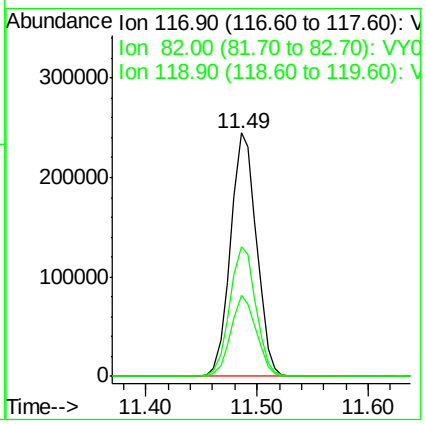


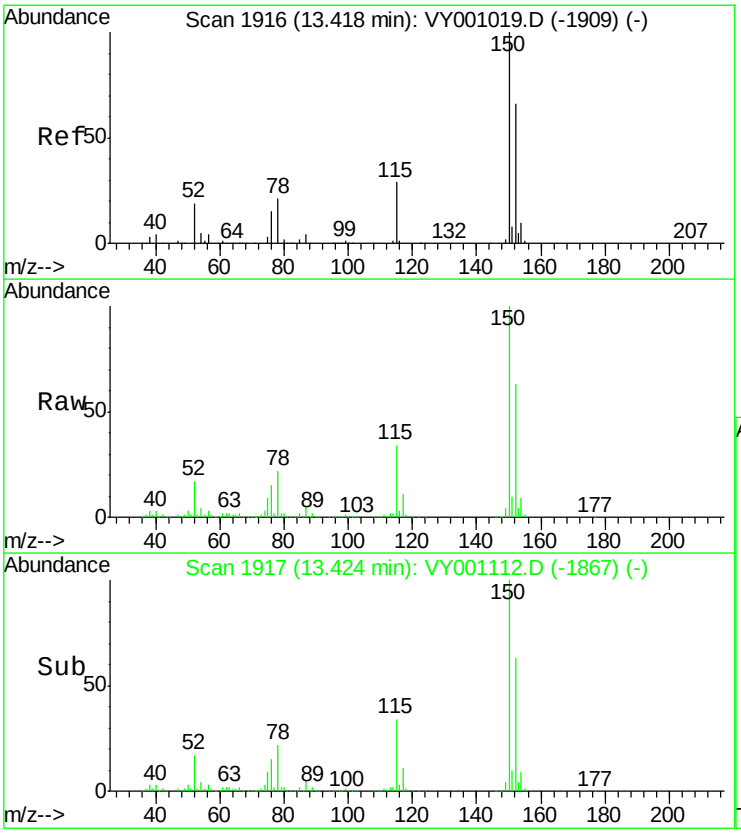
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Instrument : MSVOA_Y
ClientSampleId : DUNR-BF006-01

Tgt Ion:117 Resp: 394300

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.8
119	33.1	25.8	38.6

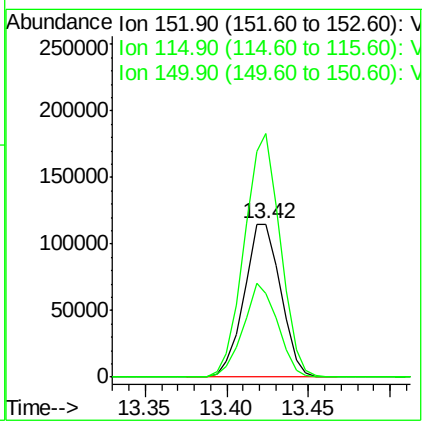


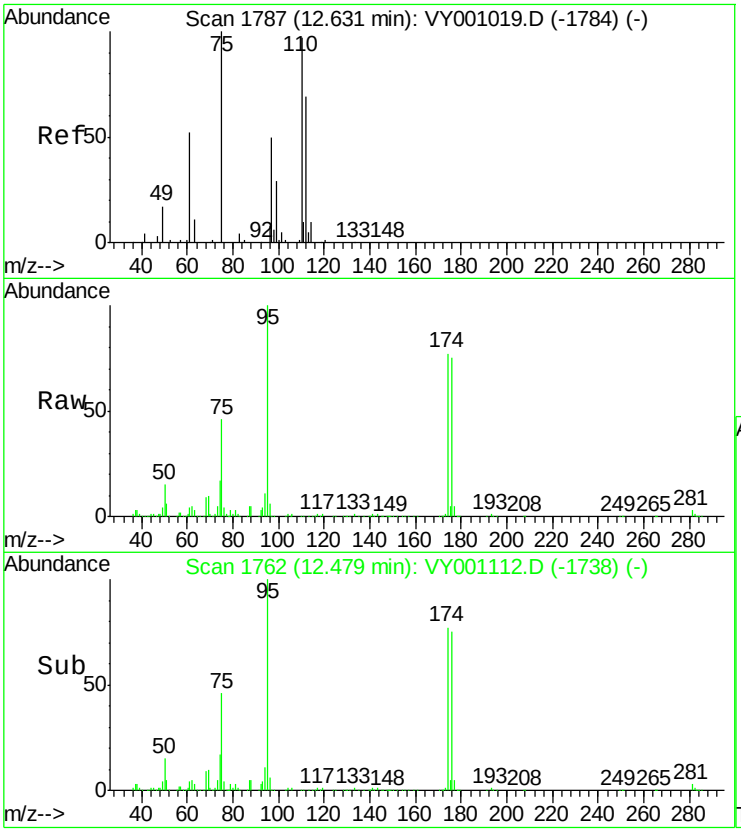


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Tgt Ion:152 Resp: 179742

Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.8	89.3
150	156.1	0.0	352.6



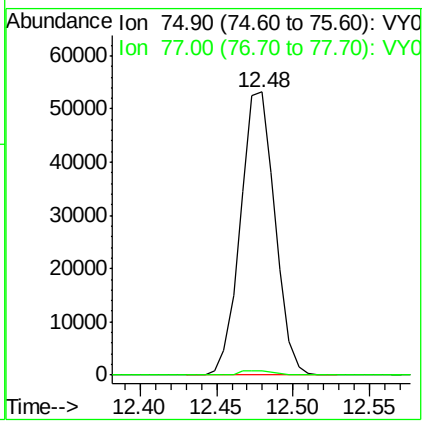


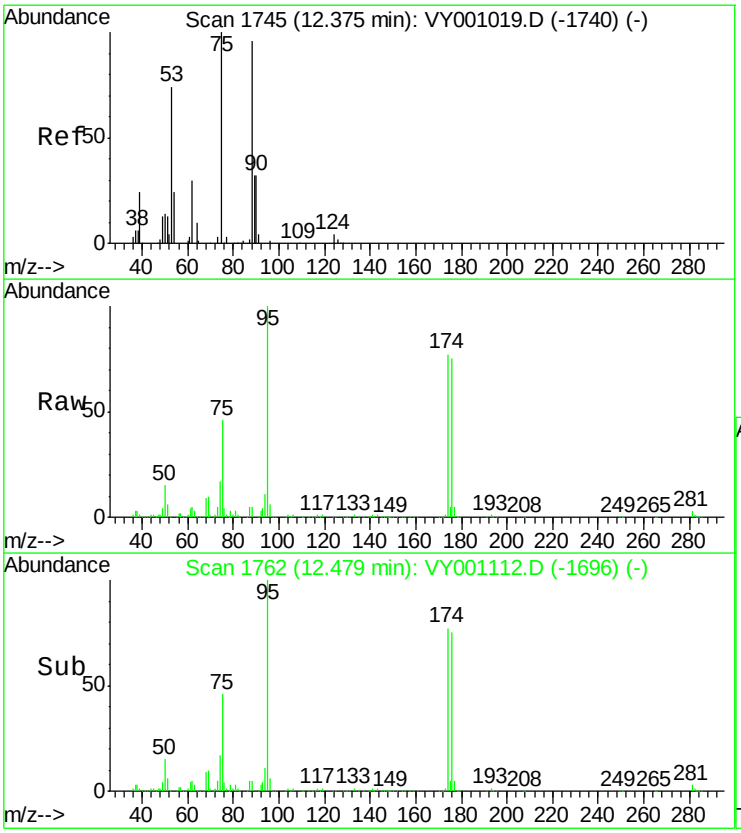
#76
1,2,3-Trichloropropane
Concen: 37.558 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Instrument :
MSVOA_Y
ClientSampleId :
DUNR-BF006-01

Tgt Ion: 75 Resp: 83222

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.102 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY001112.D
Acq: 27 Dec 2019 20:30

Tgt Ion: 75 Resp: 83222

Ion	Ratio	Lower	Upper
75	100		
53	0.1	60.6	91.0#
89	0.0	35.4	53.0#