Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031720\
Data File : VY001995.D
Acq On : 17 Mar 2020 16:03
Operator : SY/MD
Sample : L1957-01
Misc : 5.14G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : DRILL-CUTTINGS

Quant Time: Mar 17 17:24:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	126841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	237792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	213591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	89757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	72661	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.32%			
35) Dibromofluoromethane	7.74	113	70438	54.25	ug/l	-0.01
Spiked Amount 50.000			Recovery = 108.50%			
50) Toluene-d8	10.19	98	287565	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.04%			
62) 4-Bromofluorobenzene	12.49	95	92743	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.42%			
Target Compounds						Qvalue
16) Acetone	3.99	43	2069	5.246	ug/l	92
20) Methylene Chloride	4.74	84	13780	8.152	ug/l #	91
29) Tetrahydrofuran	7.38	42	5651	14.188	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	5689	4.386	ug/l	94

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

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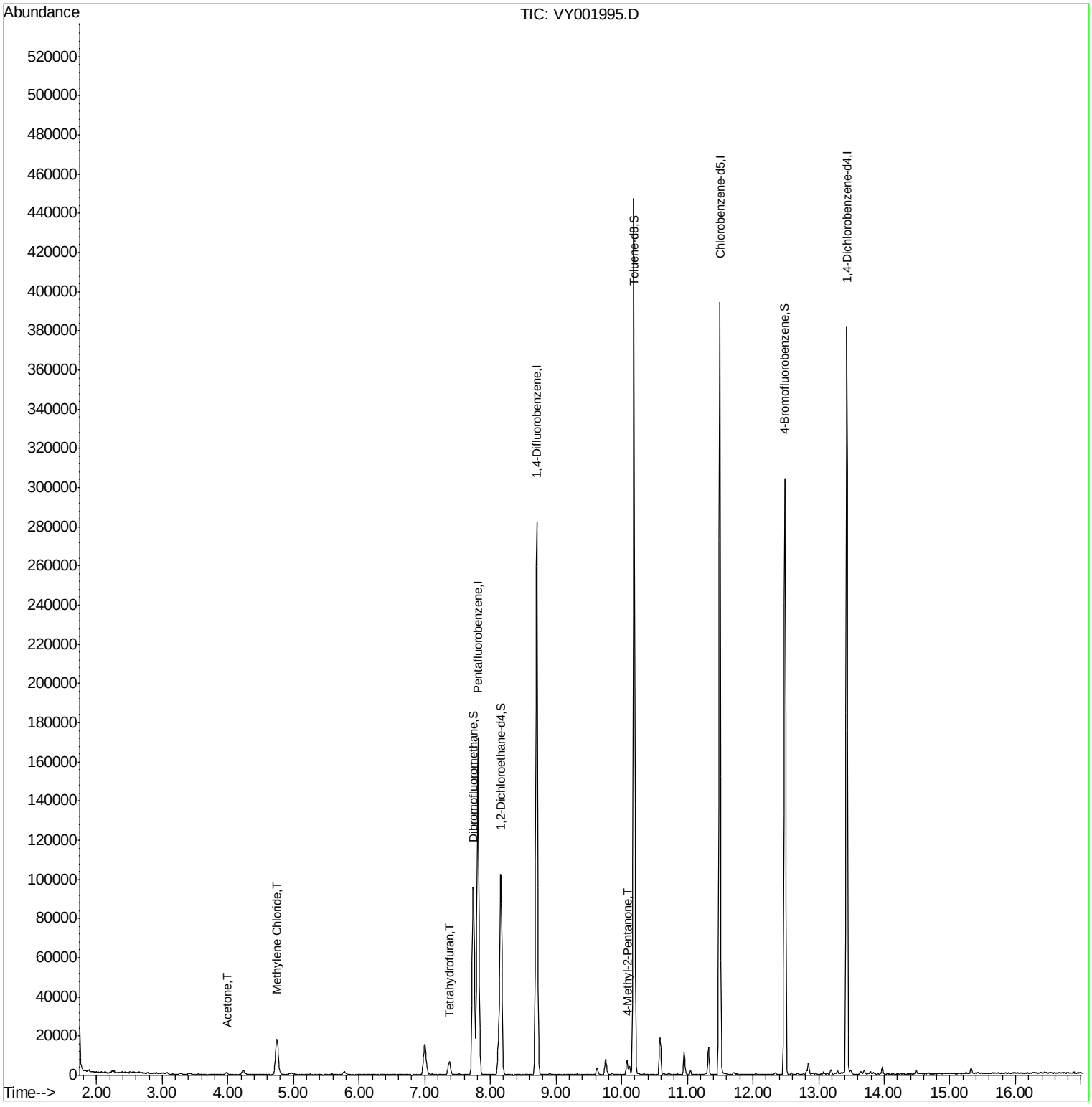
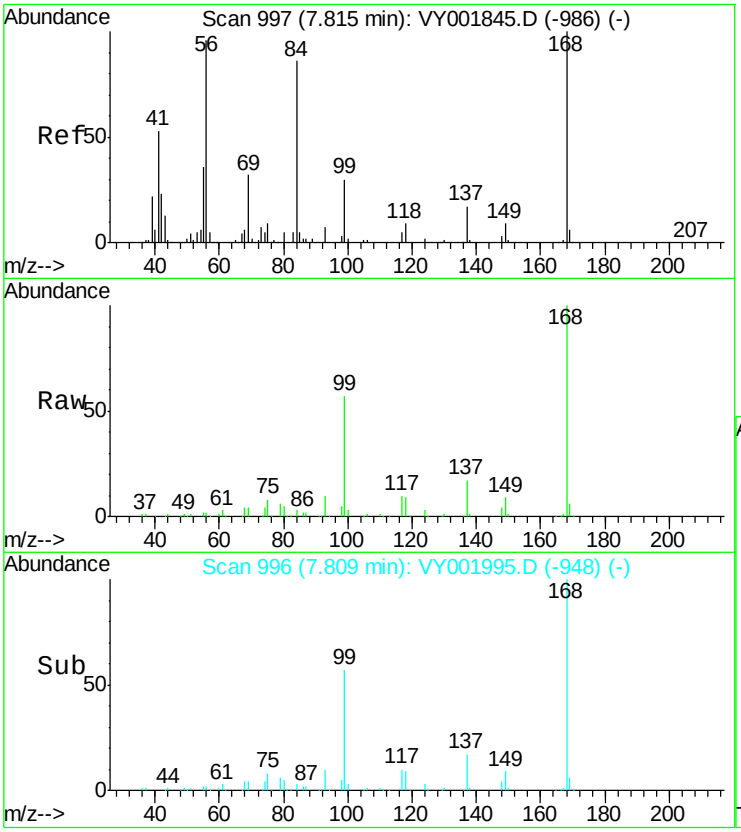


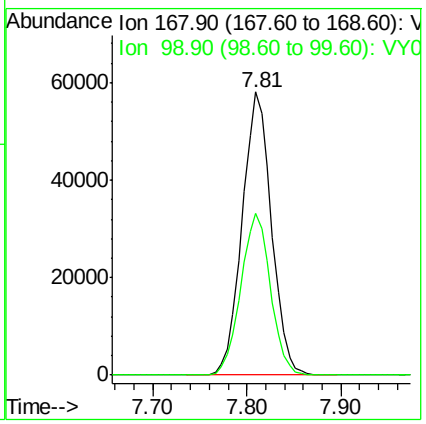


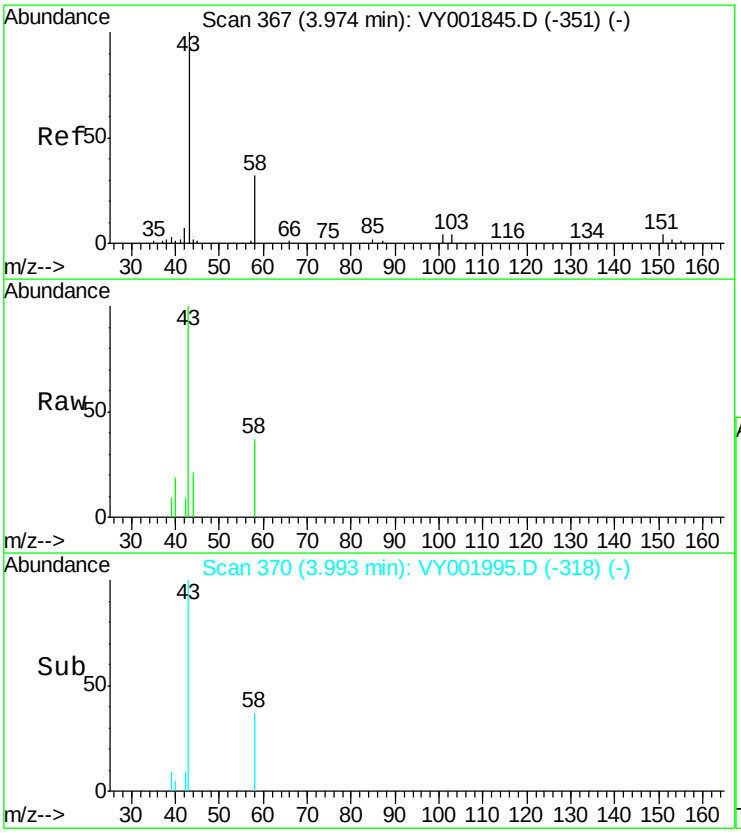
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion:168 Resp: 126841

Ion	Ratio	Lower	Upper
168	100		
99	57.0	46.7	70.1

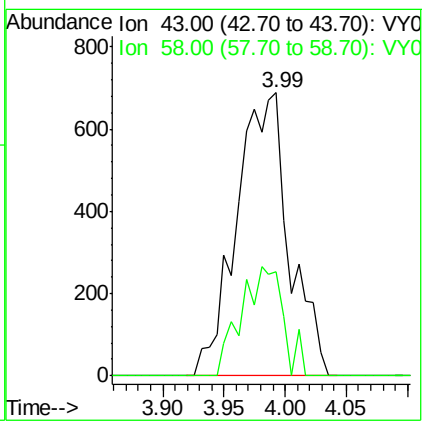


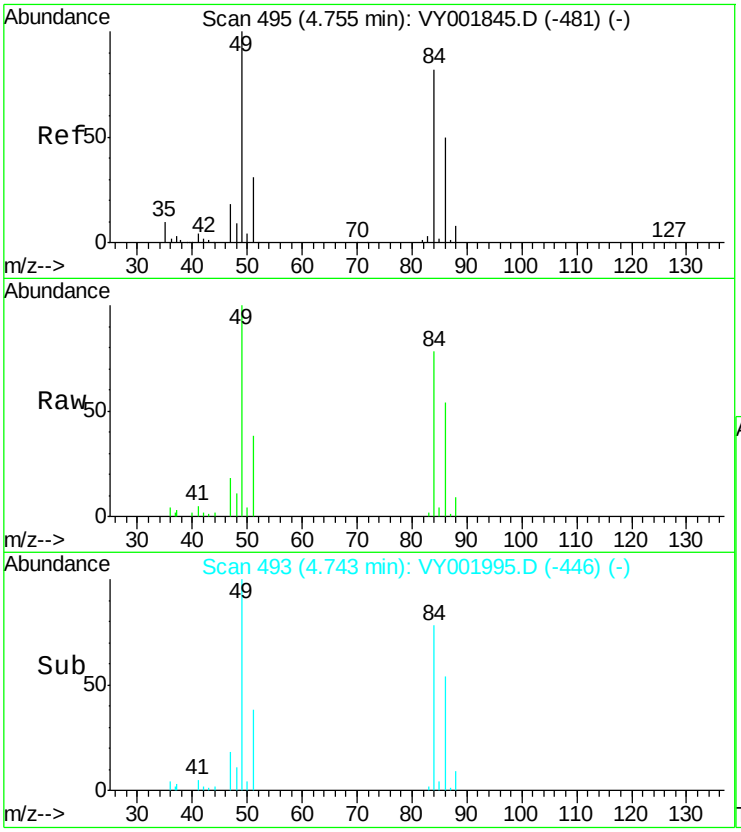


#16
Acetone
Concen: 5.246 ug/l
RT: 3.99 min Scan# 370
Delta R.T. 0.02 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 43 Resp: 2069

Ion	Ratio	Lower	Upper
43	100		
58	36.8	25.9	38.9



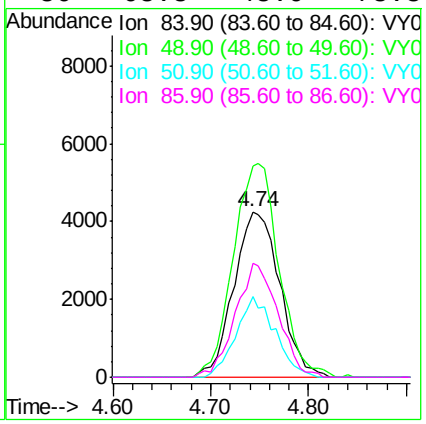


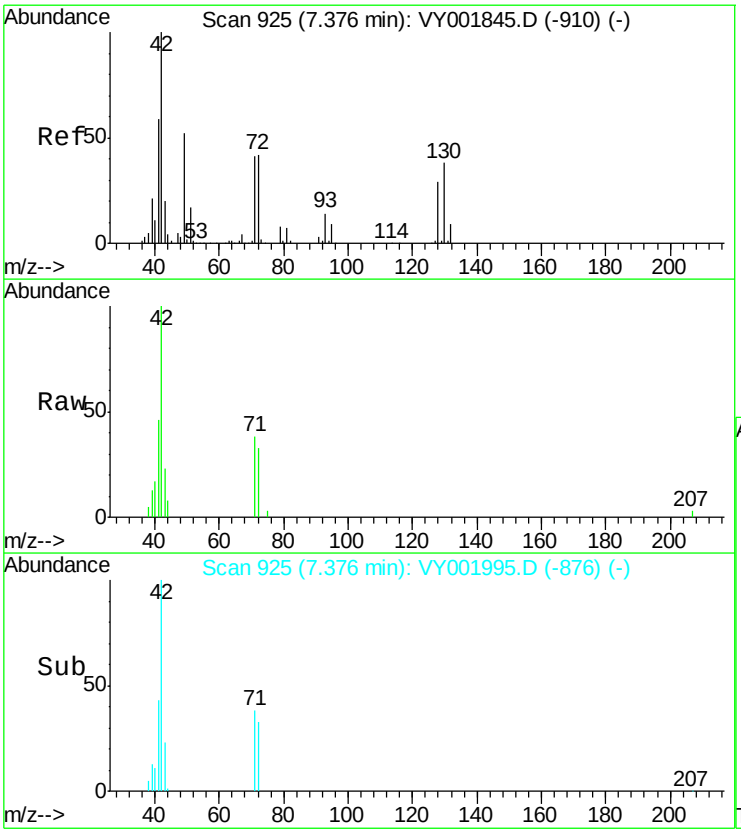
#20
Methylene Chloride
Concen: 8.152 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument : MSVOA_Y
ClientSampleId : DRILL-CUTTINGS

Tgt Ion: 84 Resp: 13780

Ion	Ratio	Lower	Upper
84	100		
49	128.3	98.2	147.2
51	48.9	30.2	45.2#
86	68.8	48.9	73.3

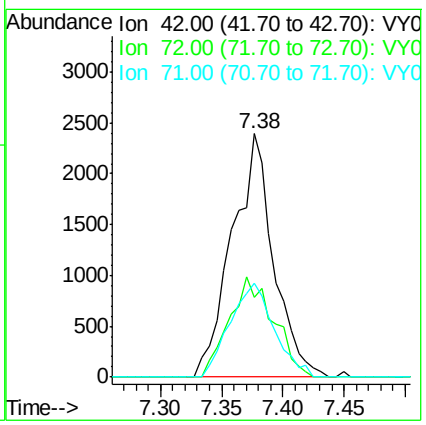


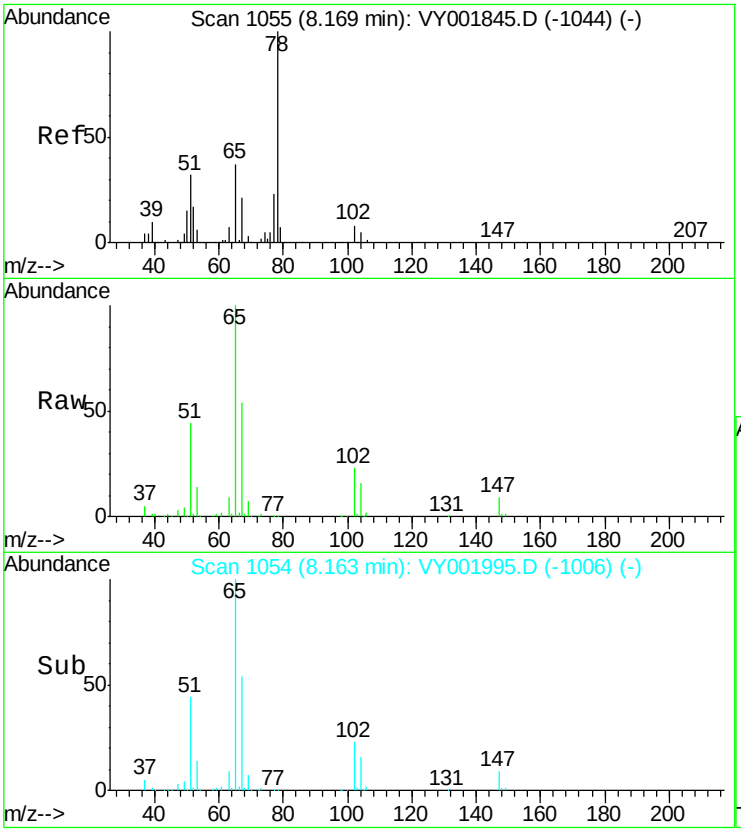


#29
Tetrahydrofuran
Concen: 14.188 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 42 Resp: 5651

Ion	Ratio	Lower	Upper
42	100		
72	43.9	33.5	50.3
71	41.0	31.3	46.9



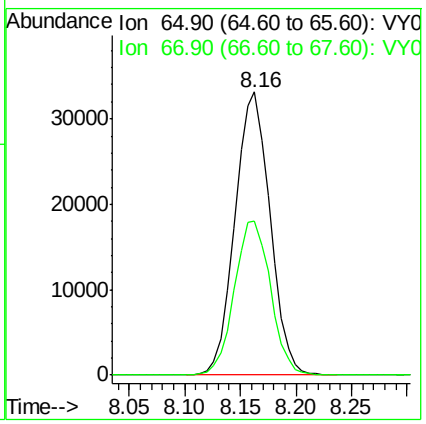


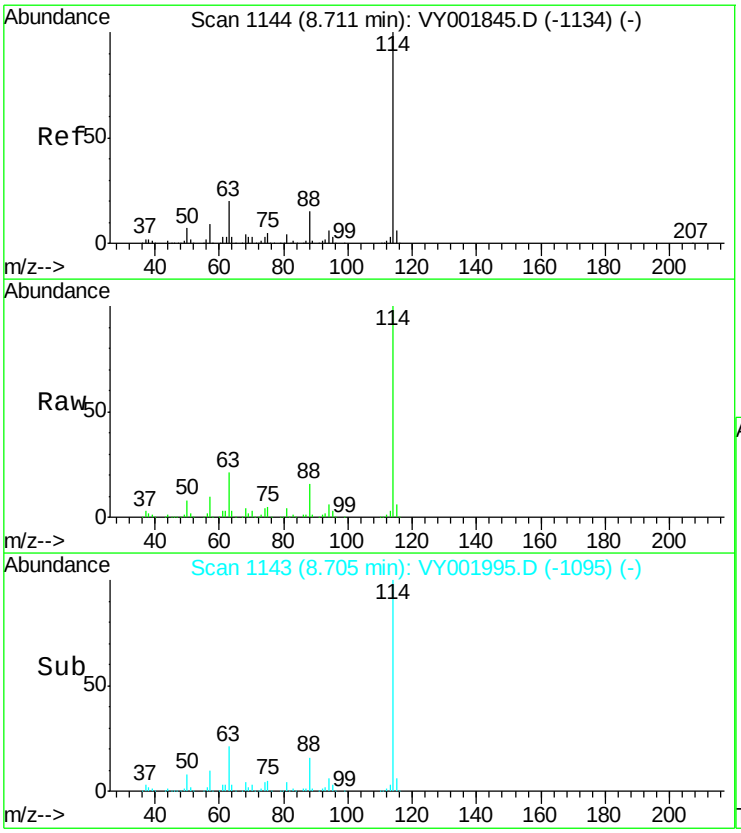
#33
1,2-Dichloroethane-d4
Concen: 53.660 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion: 65 Resp: 72661

Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	110.8

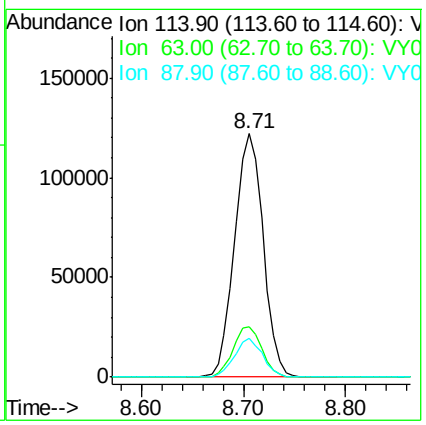


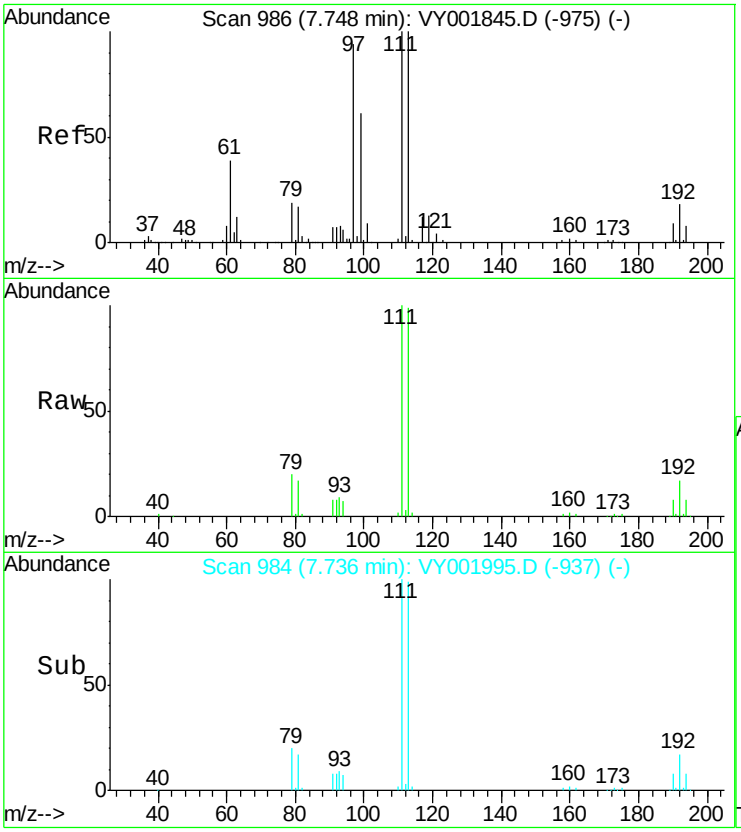


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion:114 Resp: 237792

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.4
88	16.0	0.0	30.4



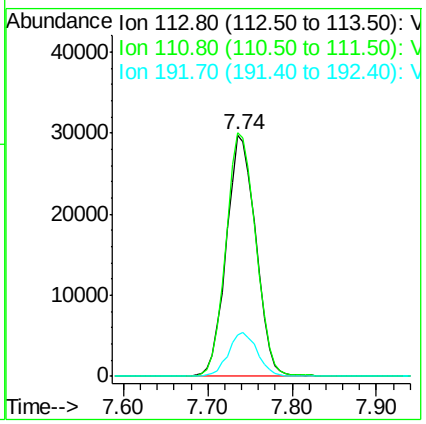


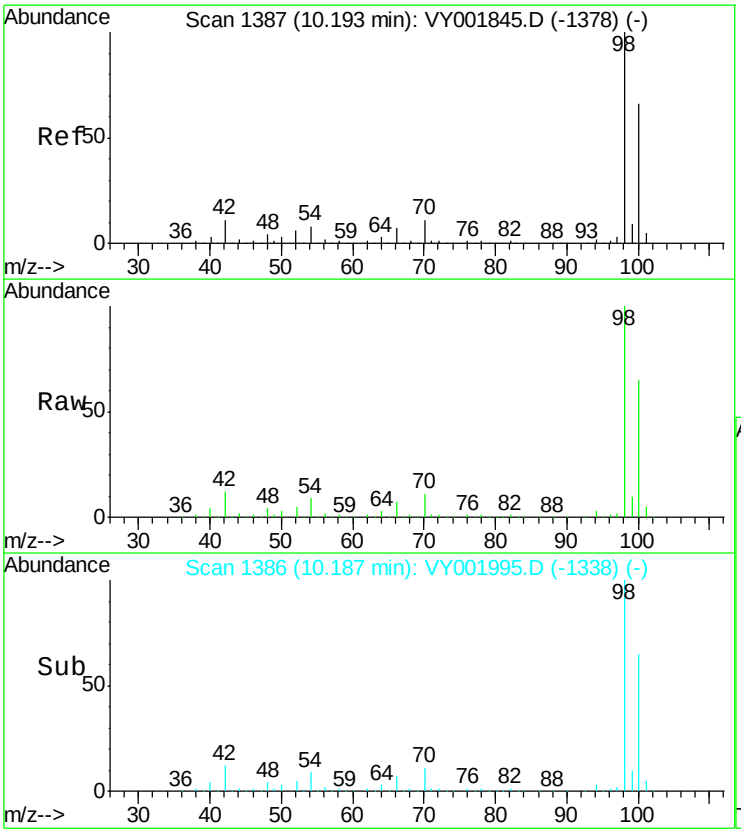
#35
Dibromofluoromethane
Concen: 54.248 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion:113 Resp: 70438

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	17.7	14.2	21.2

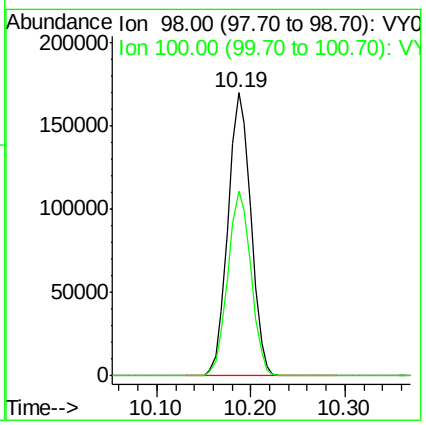


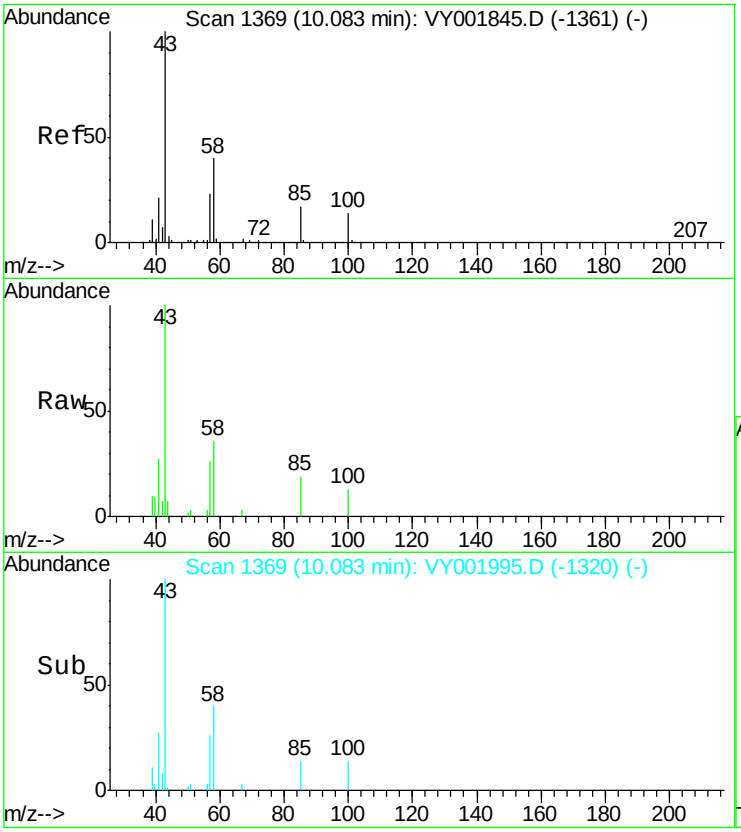


#50
Toluene-d8
Concen: 52.520 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 98 Resp: 287565

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4



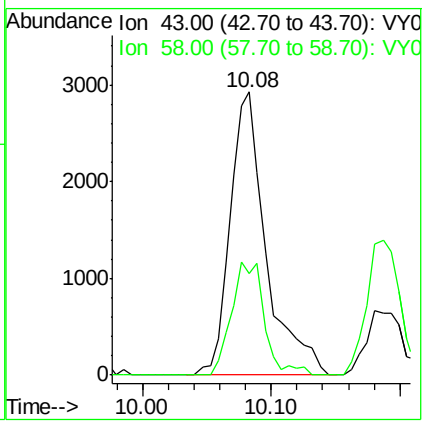


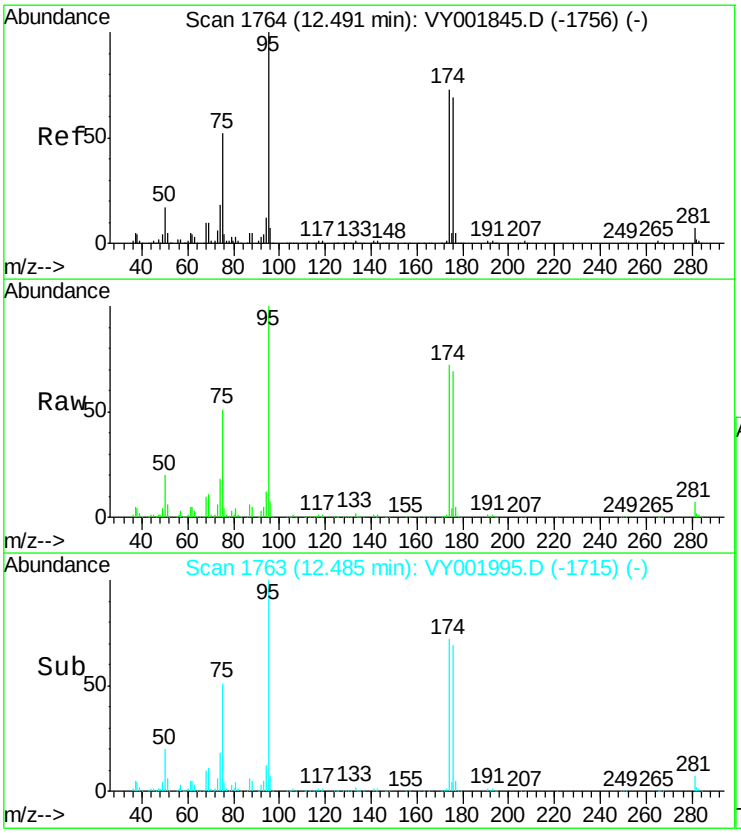
#51
4-Methyl-2-Pentanone
Concen: 4.386 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTINGS

Tgt Ion: 43 Resp: 5689

Ion	Ratio	Lower	Upper
43	100		
58	36.3	32.0	48.0

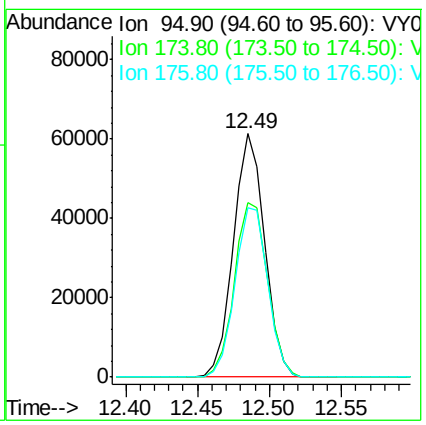


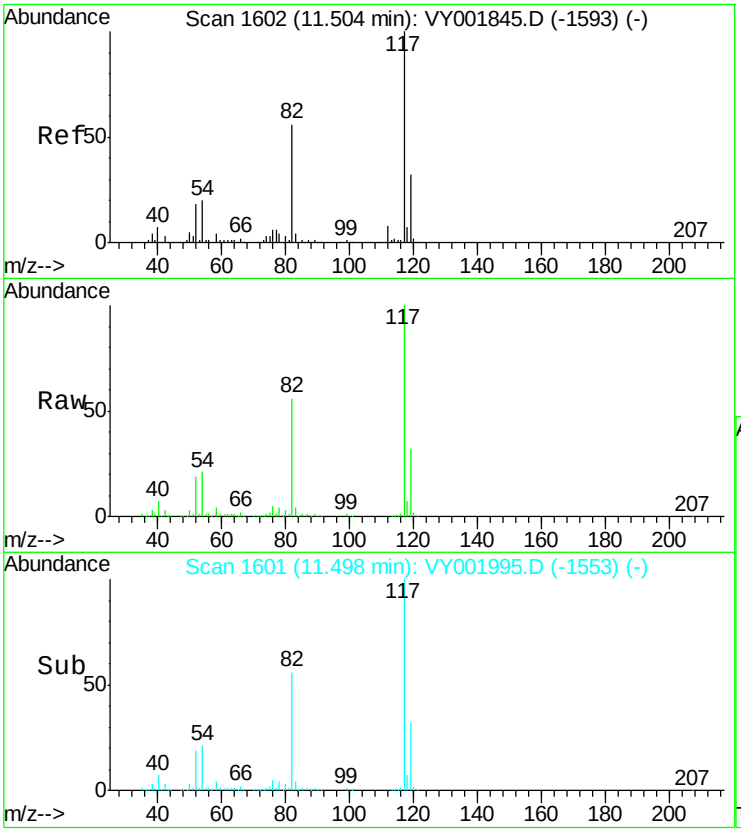


#62
4-Bromofluorobenzene
Concen: 48.714 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion: 95 Resp: 92743

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	145.0
176	72.7	0.0	137.4



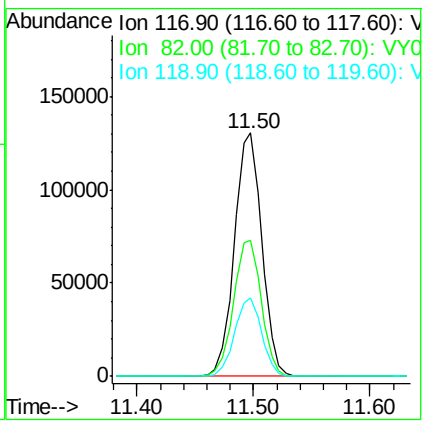


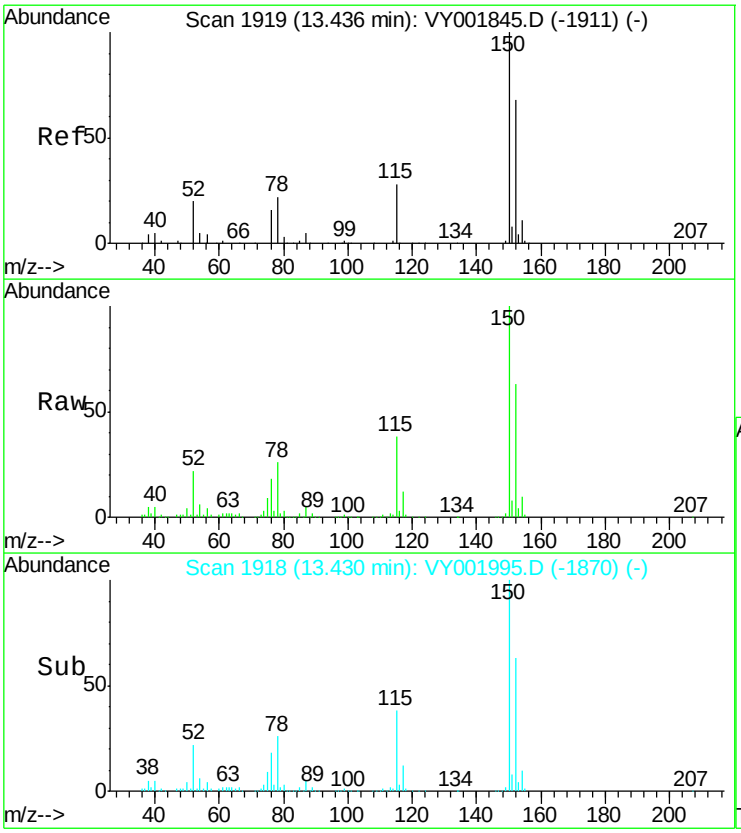
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Instrument : MSVOA_Y
ClientSampleId : DRILL-CUTTINGS

Tgt Ion:117 Resp: 213591

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.5	66.7
119	32.3	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001995.D
Acq: 17 Mar 2020 16:03

Tgt Ion:152 Resp: 89757

Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.9	89.7
150	158.7	0.0	340.6