Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\
Data File : VY001516.D
Acq On : 05 Feb 2020 18:40
Operator : SY/MD
Sample : L1393-09
Misc : 7.22G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : HAM-SB-02-2-3

Quant Time: Feb 06 08:02:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	156424	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	289997	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	235058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	67172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	93307	59.24	ug/l	0.01
Spiked Amount 50.000			Recovery = 118.48%			
35) Dibromofluoromethane	7.75	113	86572	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.54%			
50) Toluene-d8	10.20	98	336172	53.13	ug/l	0.01
Spiked Amount 50.000			Recovery = 106.26%			
62) 4-Bromofluorobenzene	12.49	95	97966	39.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.62%			
Target Compounds						Qvalue
16) Acetone	3.98	43	116746	256.261	ug/l	95
17) Carbon Disulfide	4.22	76	12967	2.477	ug/l	100
25) 2-Butanone	7.02	43	69560	117.691	ug/l	94
73) Isopropylbenzene	12.34	105	5217	1.018	ug/l	98
80) 1,3,5-Trimethylbenzene	12.83	105	4342	1.006	ug/l	95
95) Naphthalene	15.25	128	11274	3.697	ug/l #	94

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

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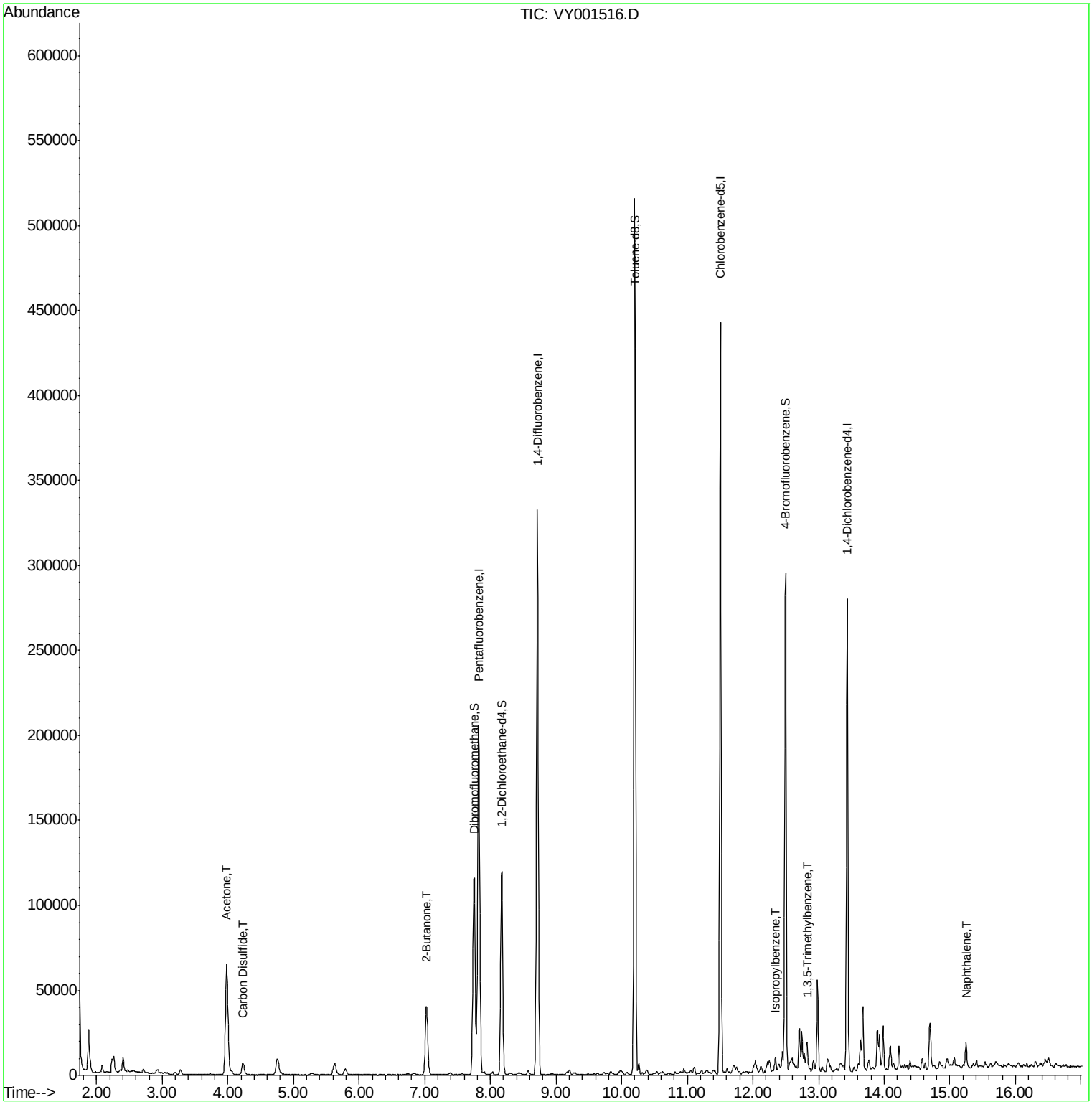
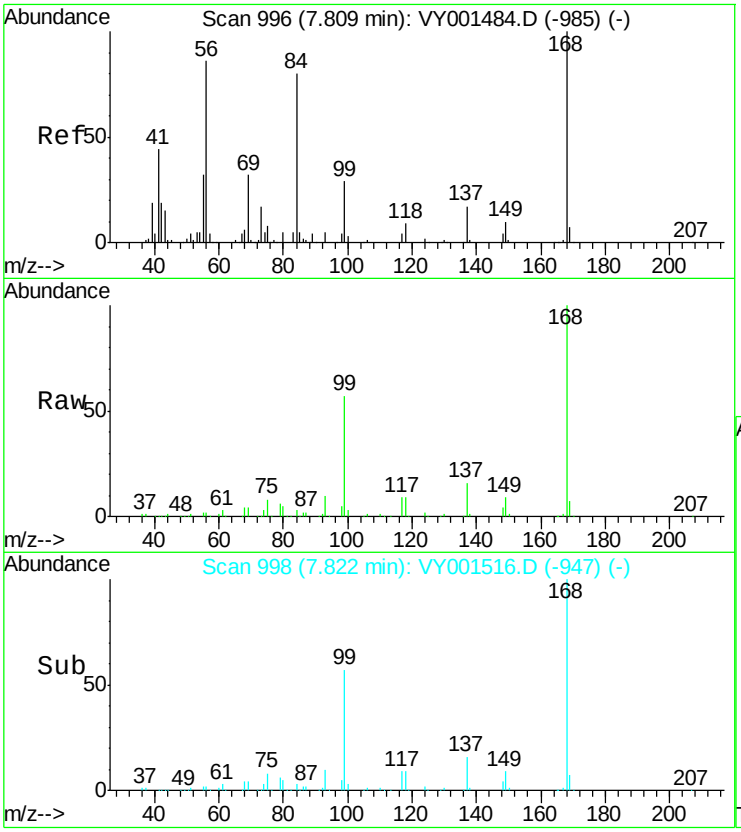


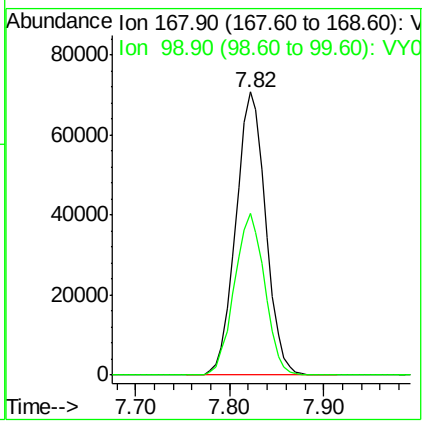


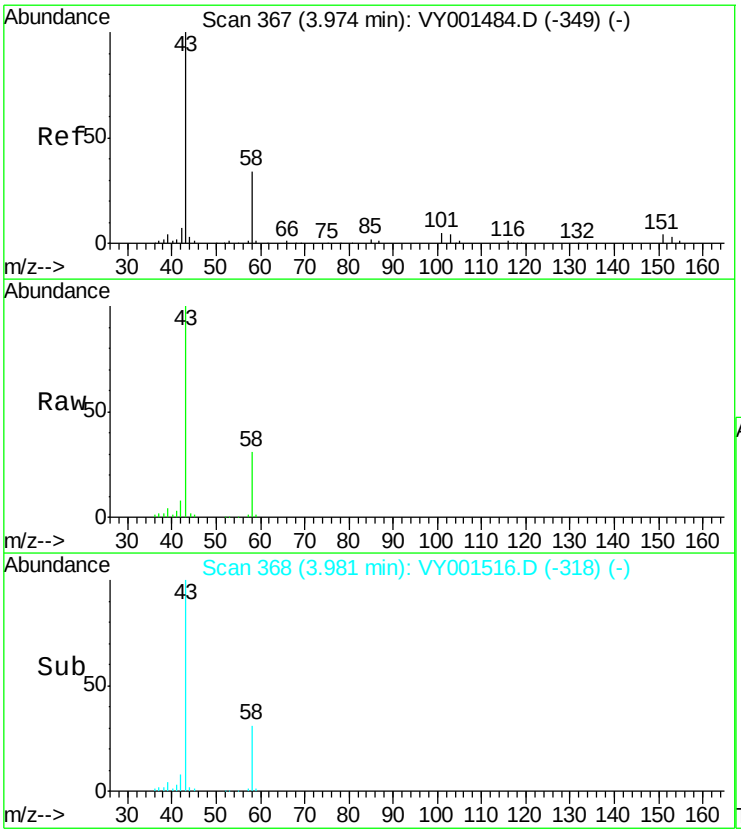
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-2-3

Tgt Ion:168 Resp: 156424

Ion	Ratio	Lower	Upper
168	100		
99	57.3	48.2	72.4

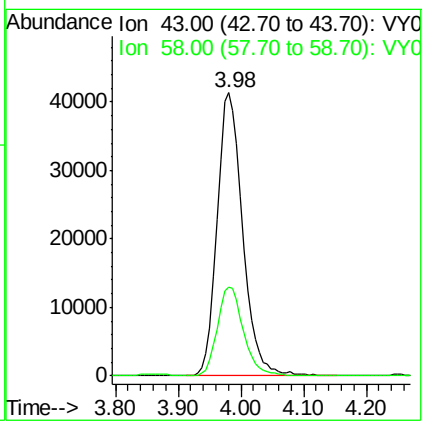


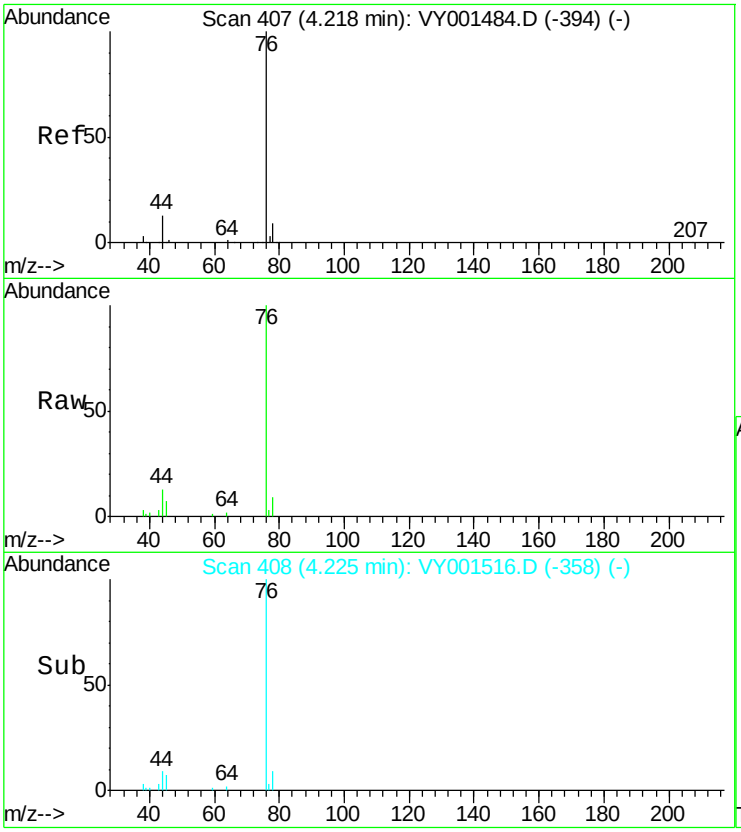


#16
Acetone
Concen: 256.261 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Tgt Ion: 43 Resp: 116746

Ion	Ratio	Lower	Upper
43	100		
58	31.3	27.5	41.3



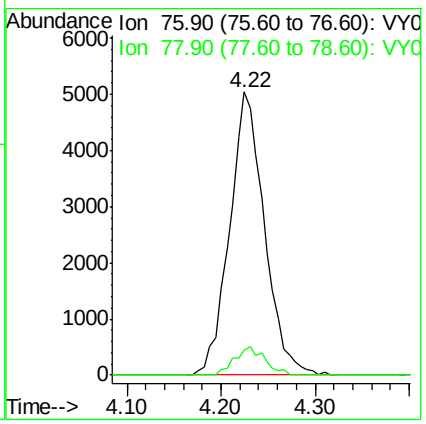


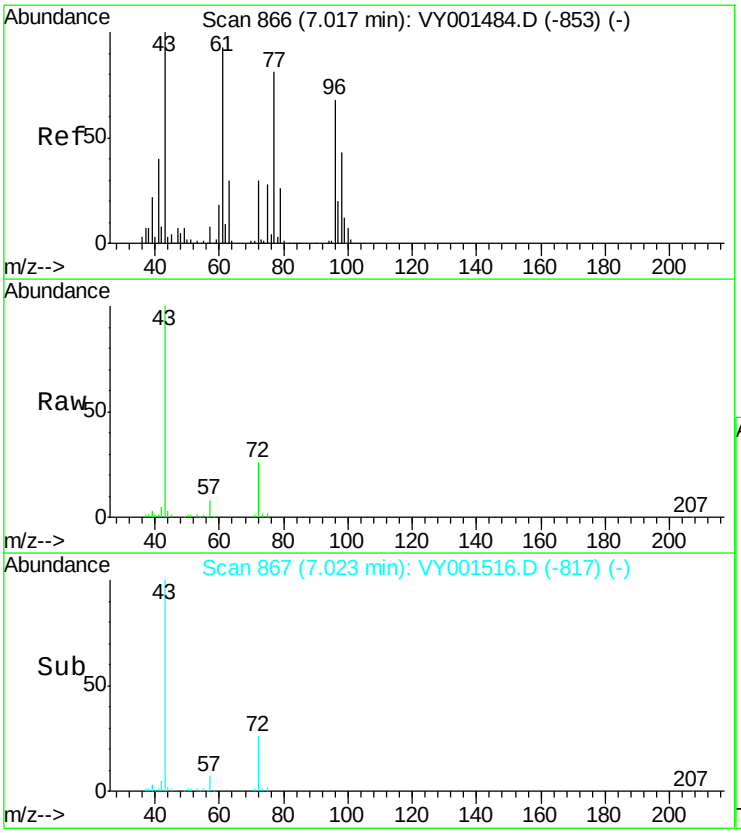
#17
Carbon Disulfide
Concen: 2.477 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-2-3

Tgt Ion: 76 Resp: 12967

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

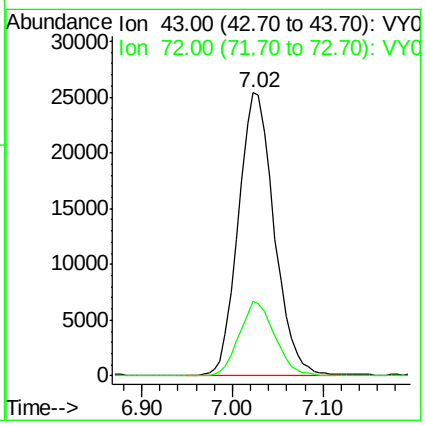


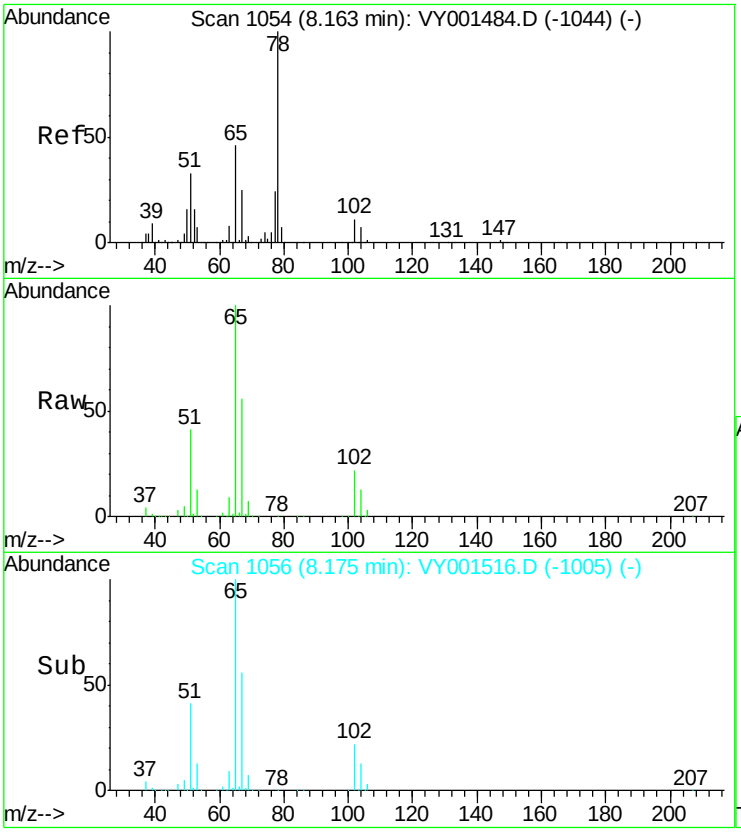


#25
2-Butanone
Concen: 117.691 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Tgt Ion: 43 Resp: 69560

Ion	Ratio	Lower	Upper
43	100		
72	26.4	23.8	35.8



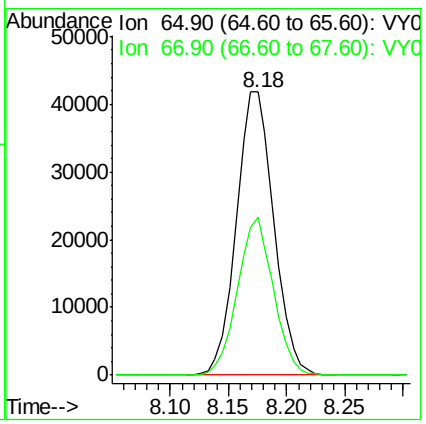


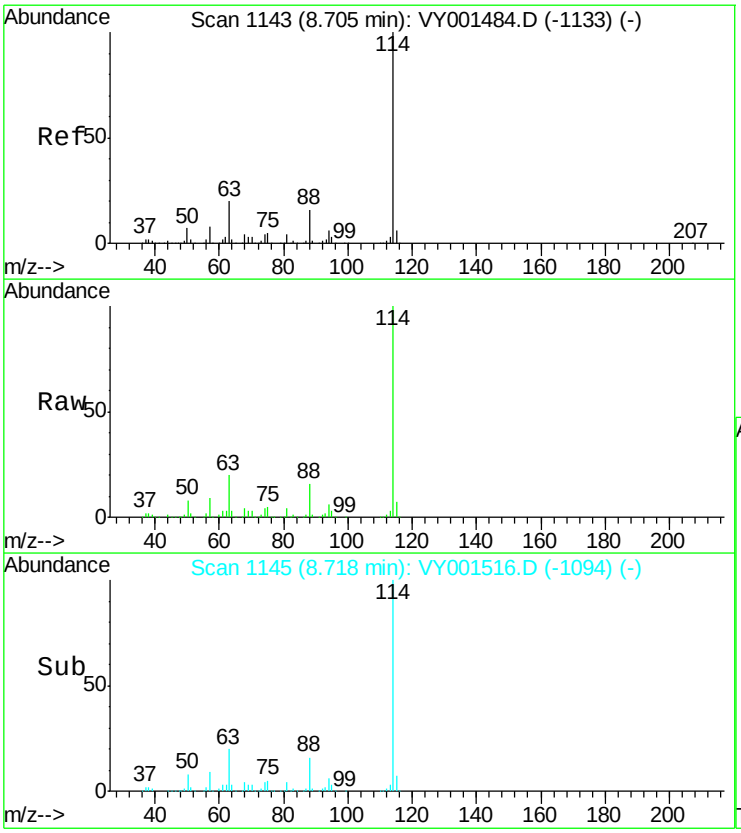
#33
1,2-Dichloroethane-d4
Concen: 59.244 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-2-3

Tgt Ion: 65 Resp: 93307

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.6

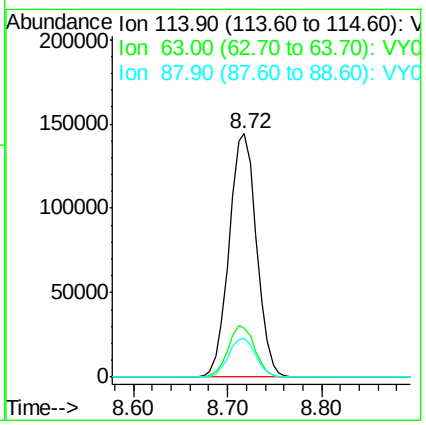


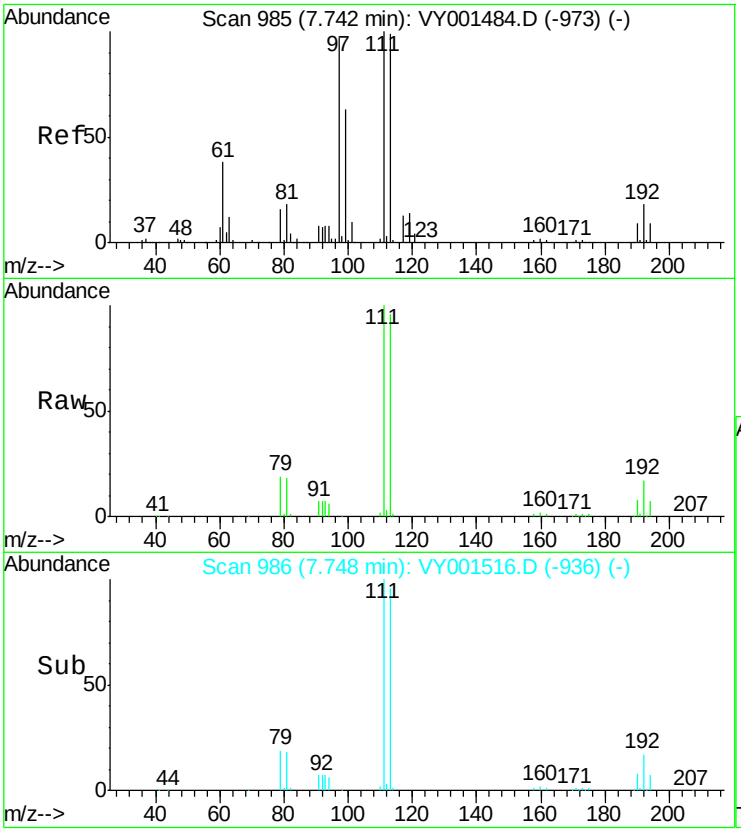


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Tgt Ion:114 Resp: 289997

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.8
88	16.1	0.0	32.6



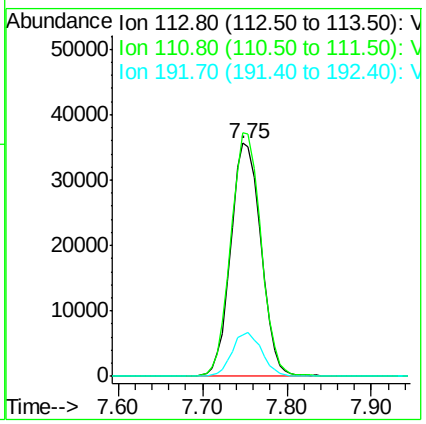


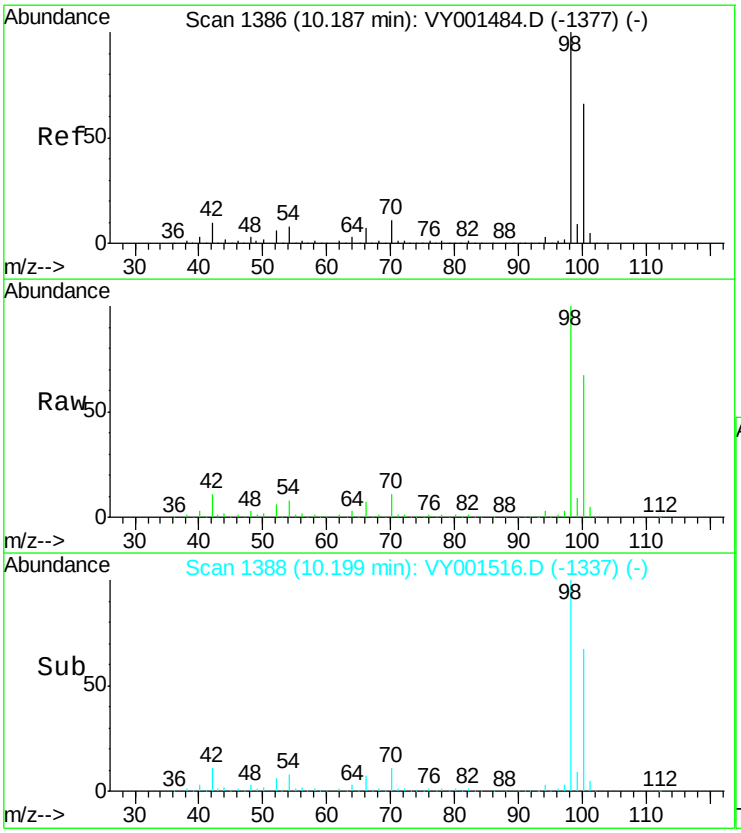
#35
Dibromofluoromethane
Concen: 51.769 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-2-3

Tgt Ion:113 Resp: 86572

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	18.4	14.6	22.0

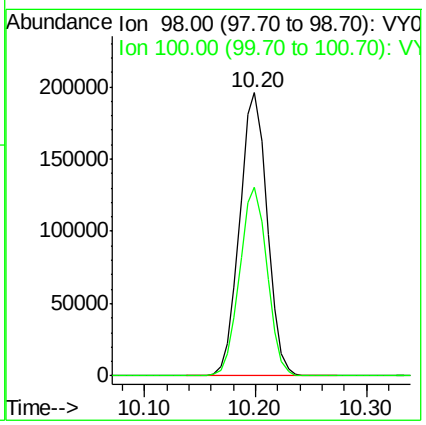


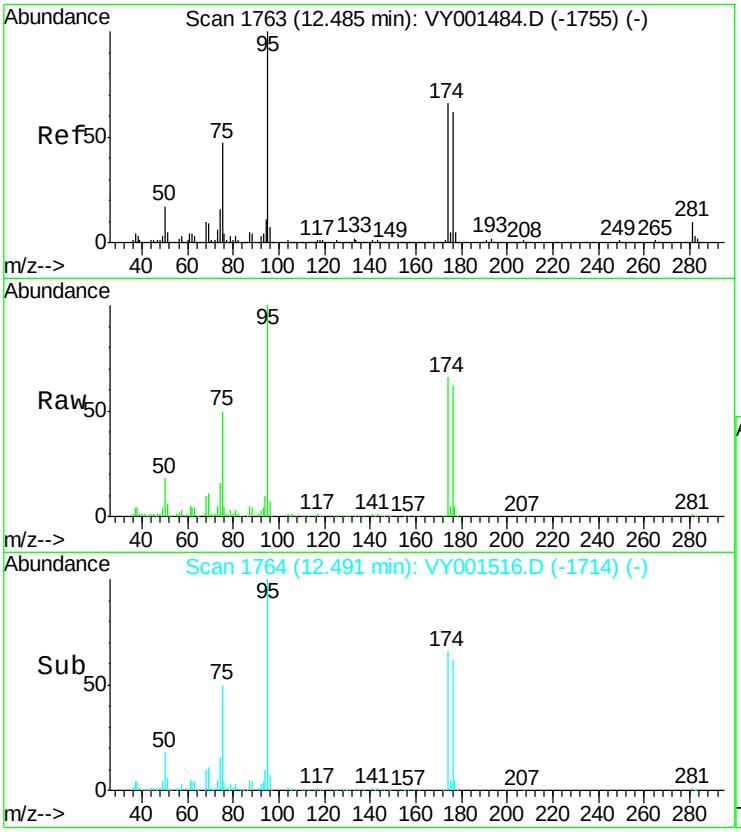


#50
Toluene-d8
Concen: 53.134 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Tgt Ion: 98 Resp: 336172

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6



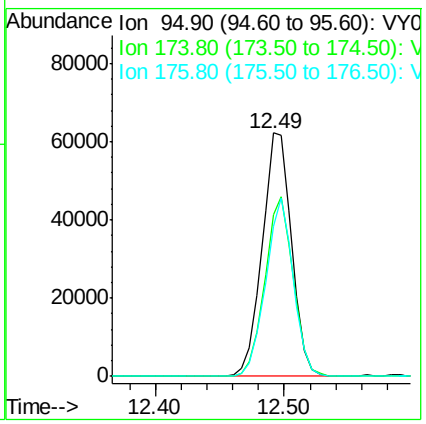


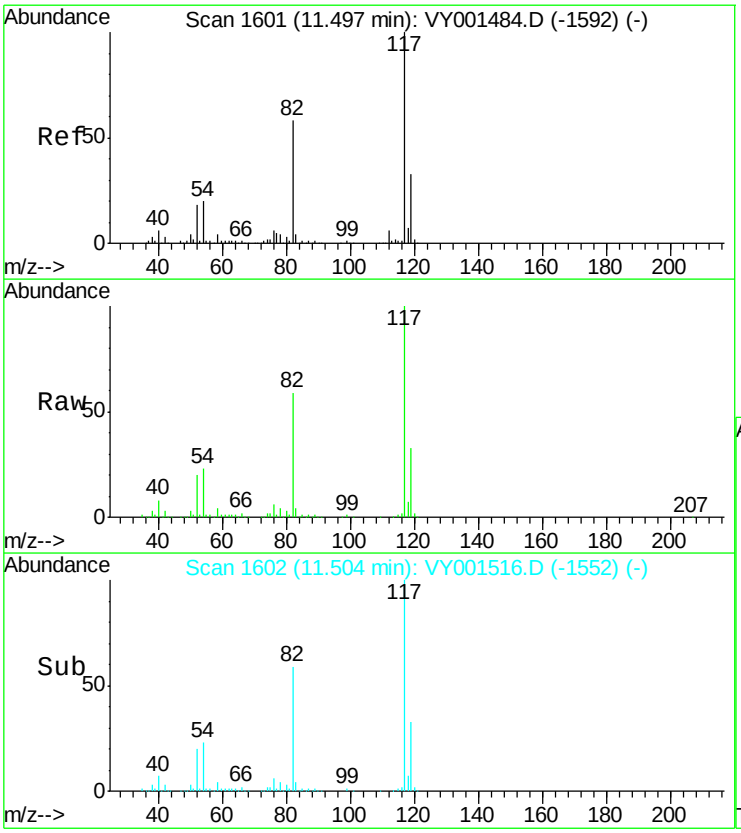
#62
4-Bromofluorobenzene
Concen: 39.305 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-2-3

Tgt Ion: 95 Resp: 97966

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	141.4
176	69.1	0.0	135.4

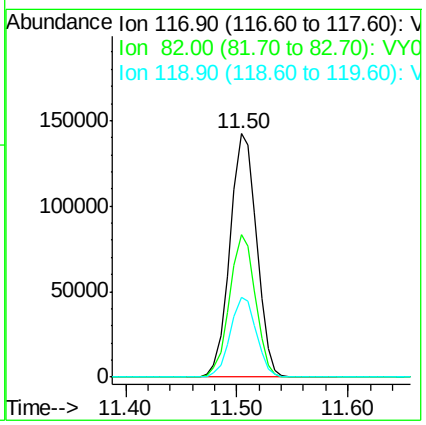


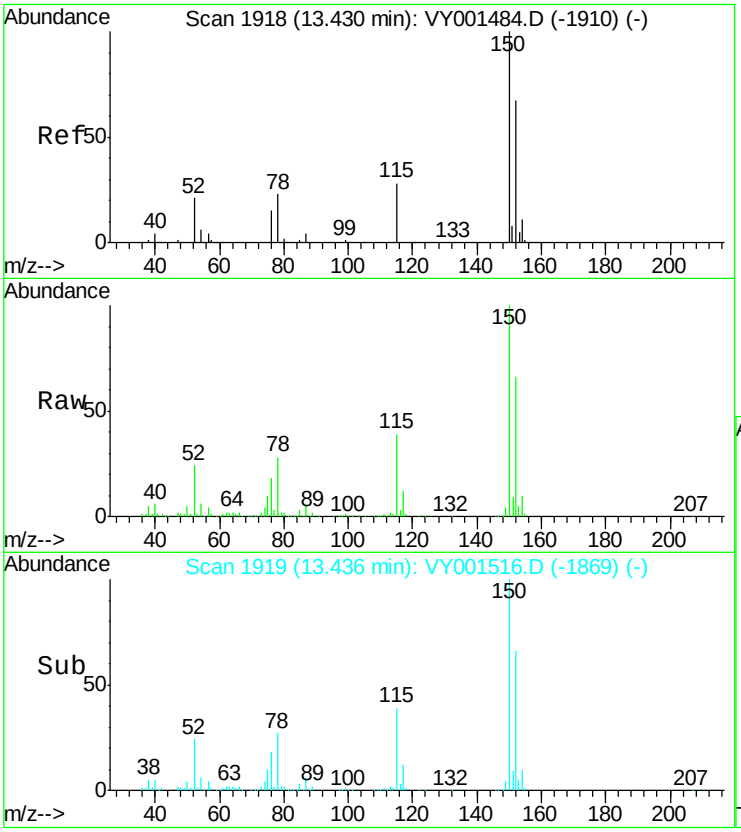


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Tgt Ion:117 Resp: 235058

Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.1	69.1
119	32.8	26.1	39.1



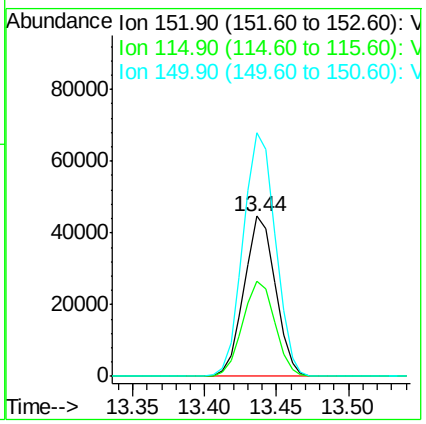


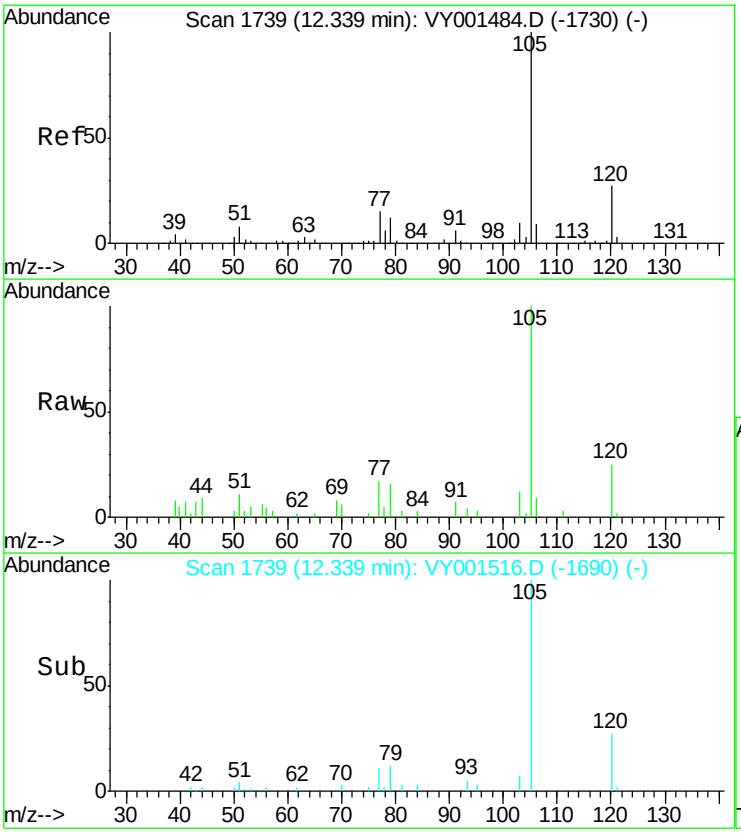
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-2-3

Tgt Ion:152 Resp: 67172

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.4	94.3
150	156.5	0.0	346.8

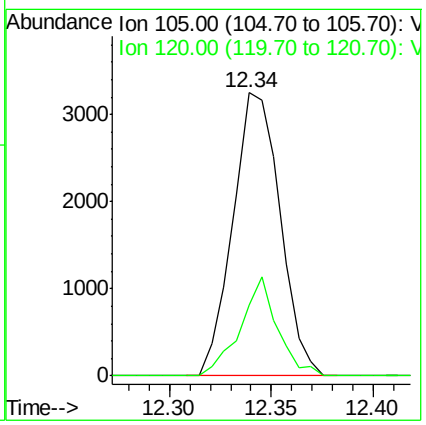


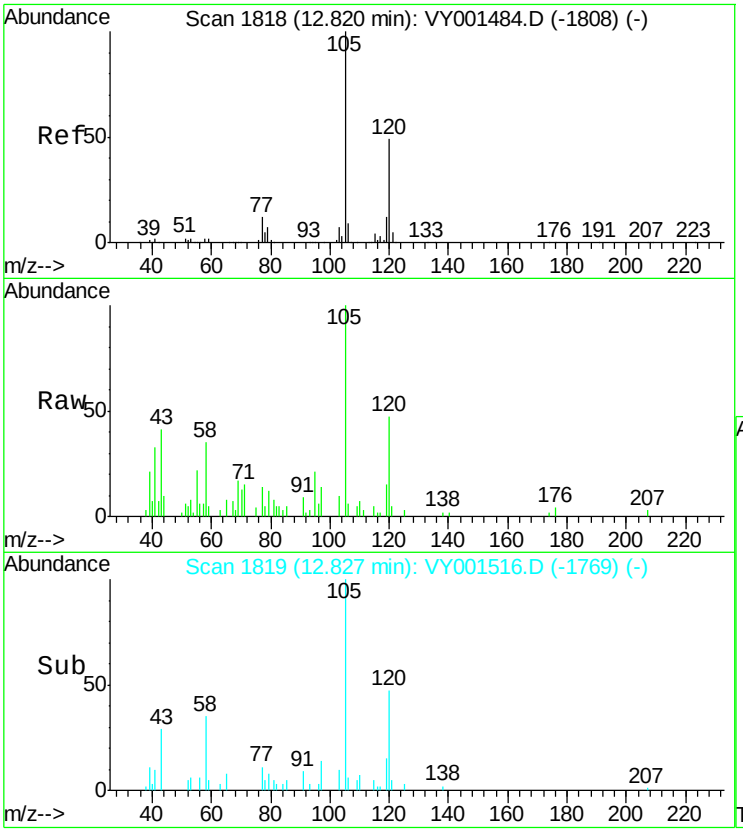


#73
Isopropylbenzene
Concen: 1.018 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Tgt Ion:105 Resp: 5217

Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.3	39.9



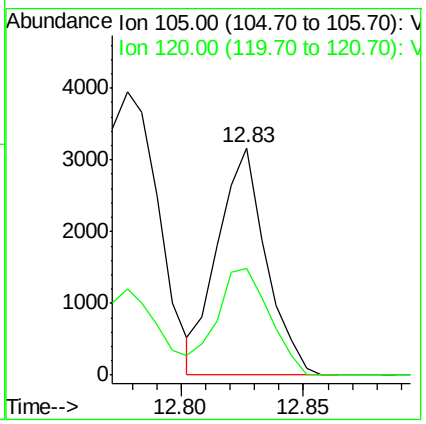


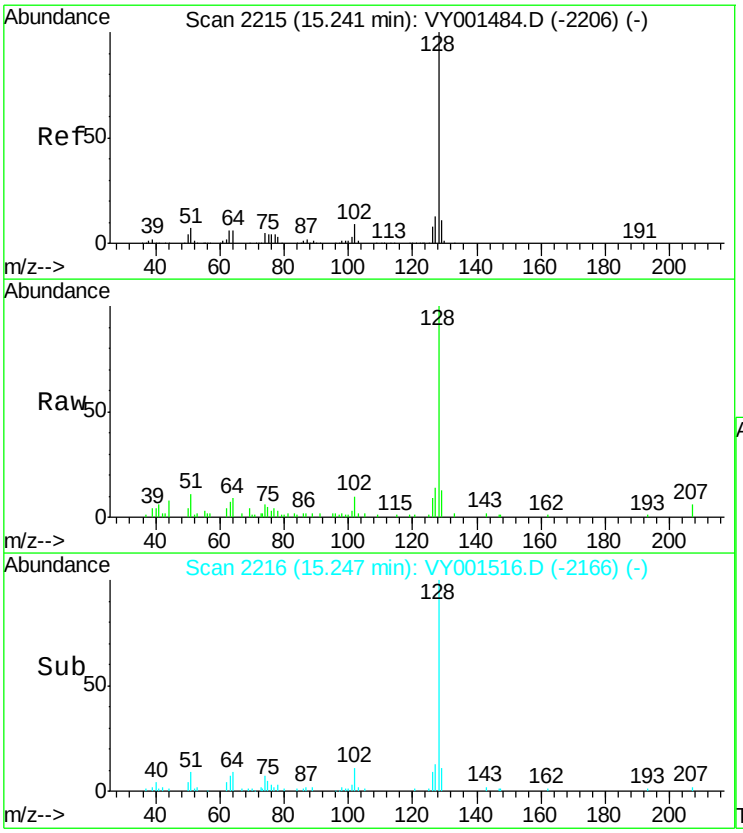
#80
1,3,5-Trimethylbenzene
Concen: 1.006 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-2-3

Tgt Ion:105 Resp: 4342

Ion	Ratio	Lower	Upper
105	100		
120	51.8	24.1	72.2





#95
Naphthalene
Concen: 3.697 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001516.D
Acq: 05 Feb 2020 18:40

Tgt Ion:128 Resp: 11274

Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.1	15.1#
129	12.5	8.9	13.3