Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082120\
Data File : VW016284.D
Acq On : 21 Aug 2020 01:36
Operator : SY/VA
Sample : L3499-01
Misc : 7.69G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

Quant Time: Aug 21 04:28:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	300807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	238995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	61435	34.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.70%			
35) Dibromofluoromethane	7.89	113	80885	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.16%			
50) Toluene-d8	10.32	98	356193	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.16%			
62) 4-Bromofluorobenzene	12.62	95	106183	41.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.70%			
Target Compounds						Qvalue
20) Methylene Chloride	4.92	84	27538	9.082	ug/l	91
68) m/p-Xylenes	11.84	106	5774	1.706	ug/l	98
69) o-Xylene	12.16	106	3588	1.190	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	12610	2.046	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	29516	4.841	ug/l	99
95) Naphthalene	15.37	128	2469617	665.124	ug/l	100

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

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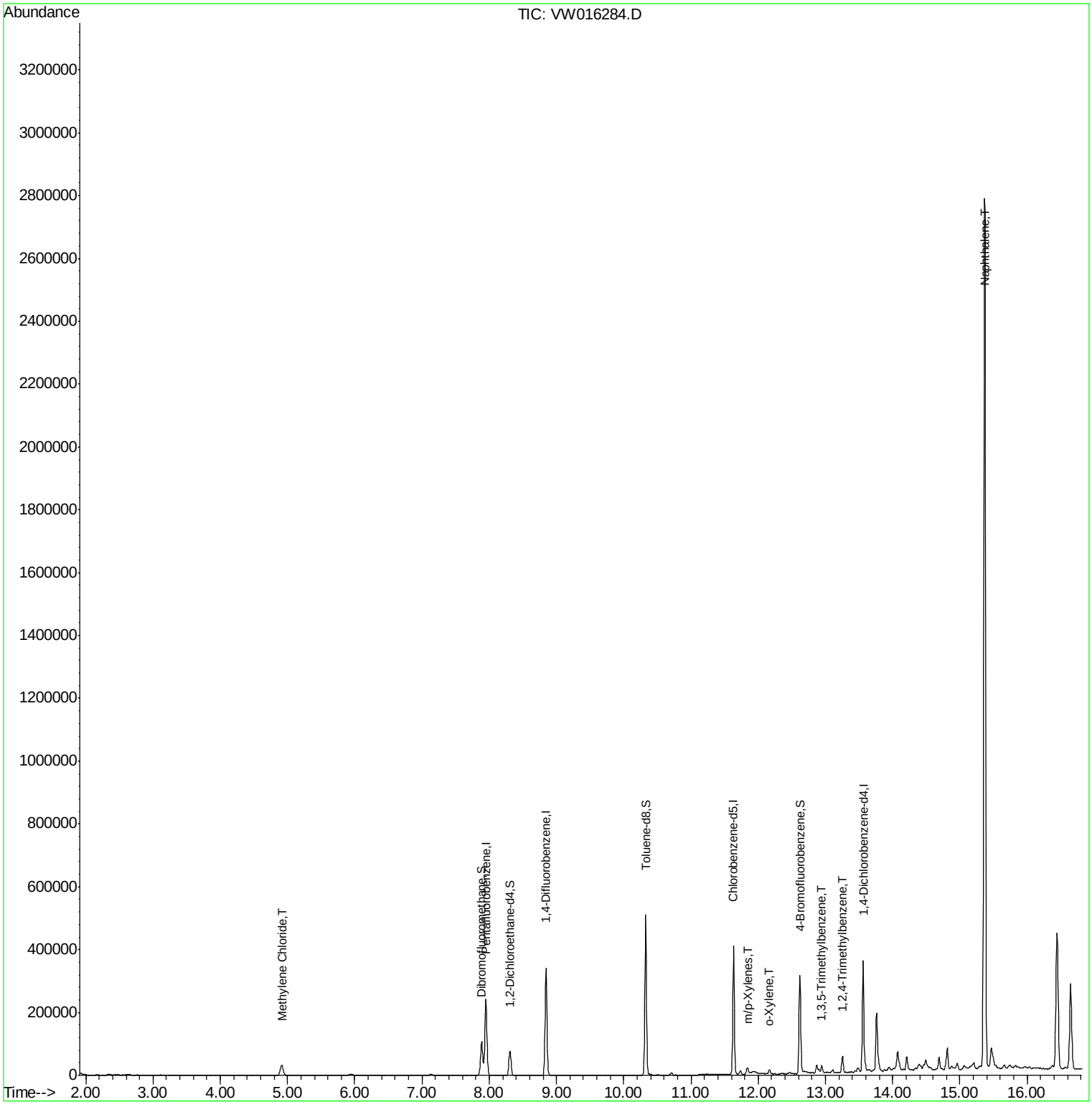
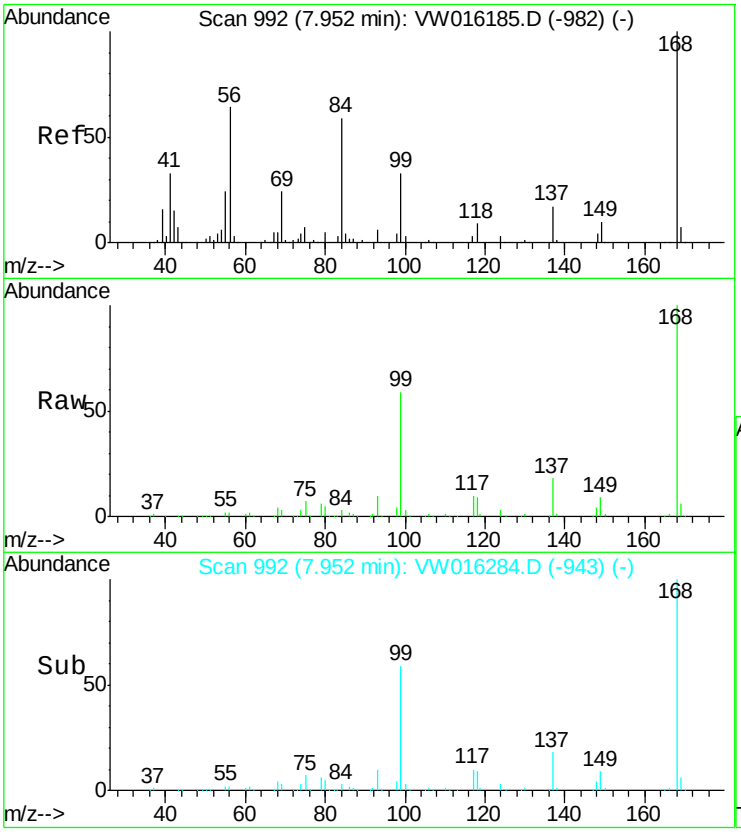


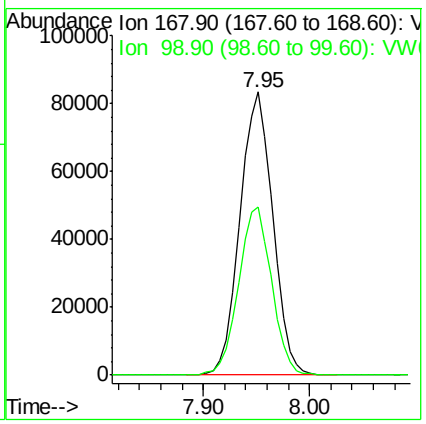


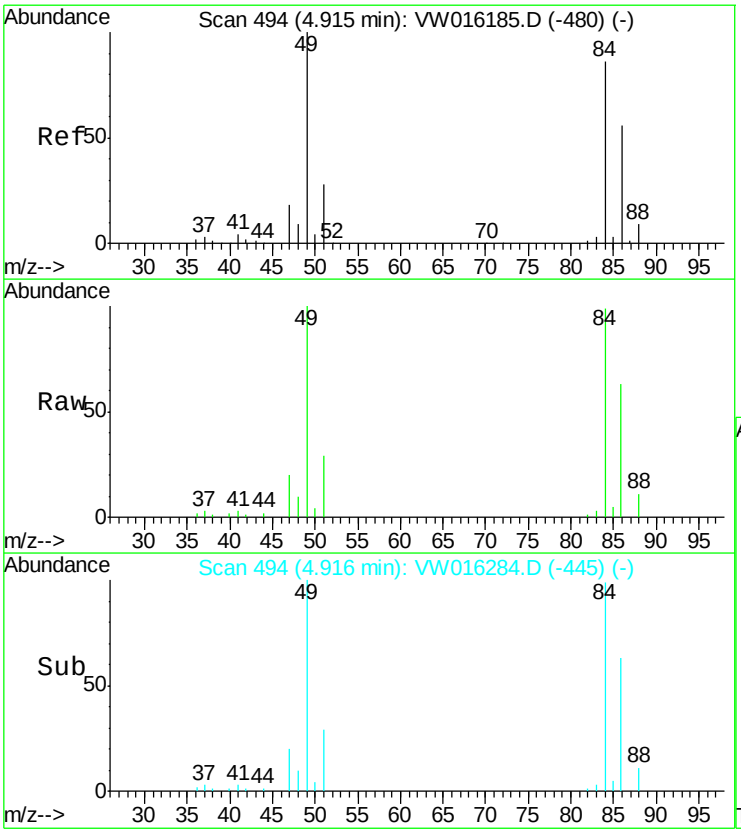
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Instrument :
MSVOA_W
ClientSampleId :
HD-01-081820

Tgt Ion:168 Resp: 180781

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.3	72.5

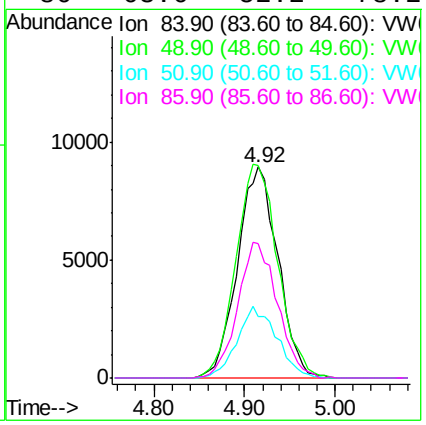


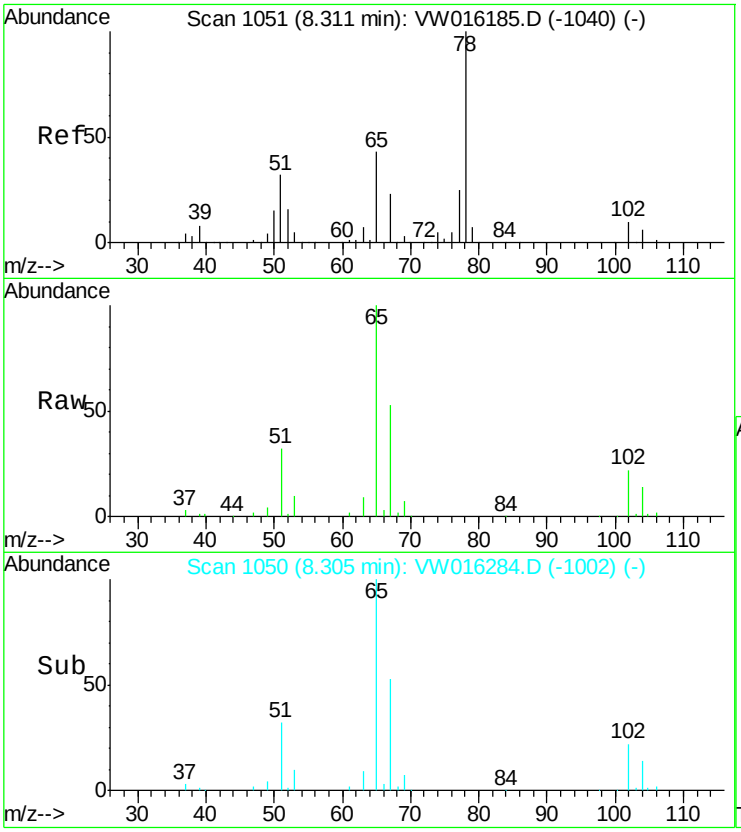


#20
Methylene Chloride
Concen: 9.082 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Tgt Ion: 84 Resp: 27538

Ion	Ratio	Lower	Upper
84	100		
49	101.2	93.4	140.2
51	29.5	26.6	40.0
86	63.6	52.2	78.2



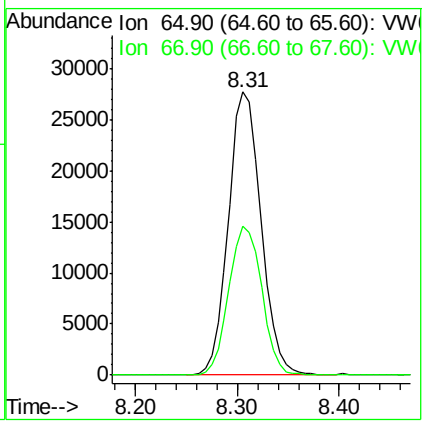


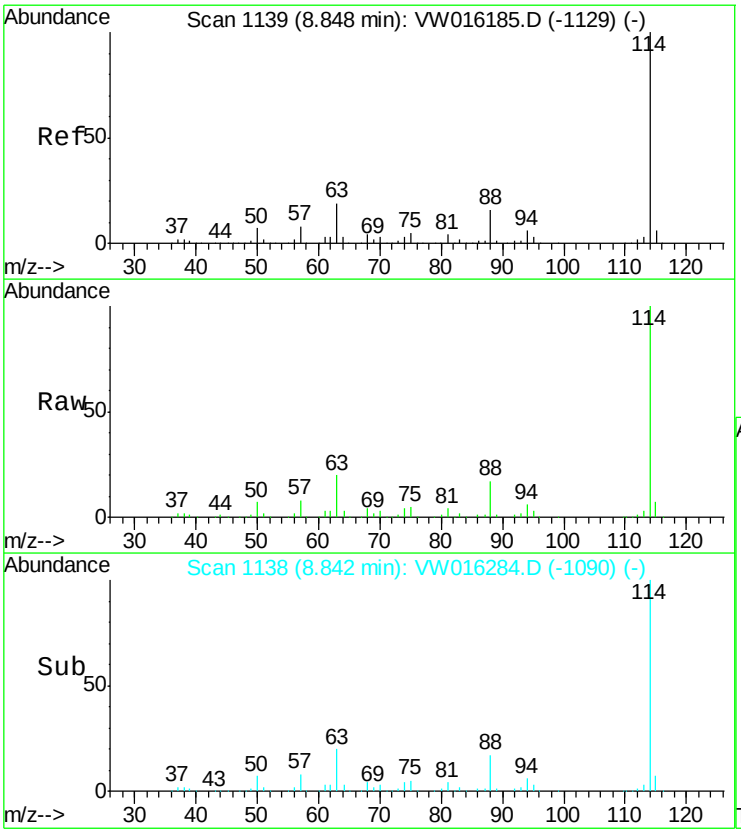
#33
1,2-Dichloroethane-d4
Concen: 34.847 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Instrument :
MSVOA_W
ClientSampleId :
HD-01-081820

Tgt Ion: 65 Resp: 61435

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.6

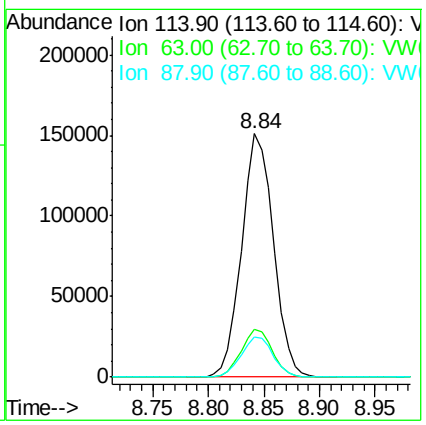


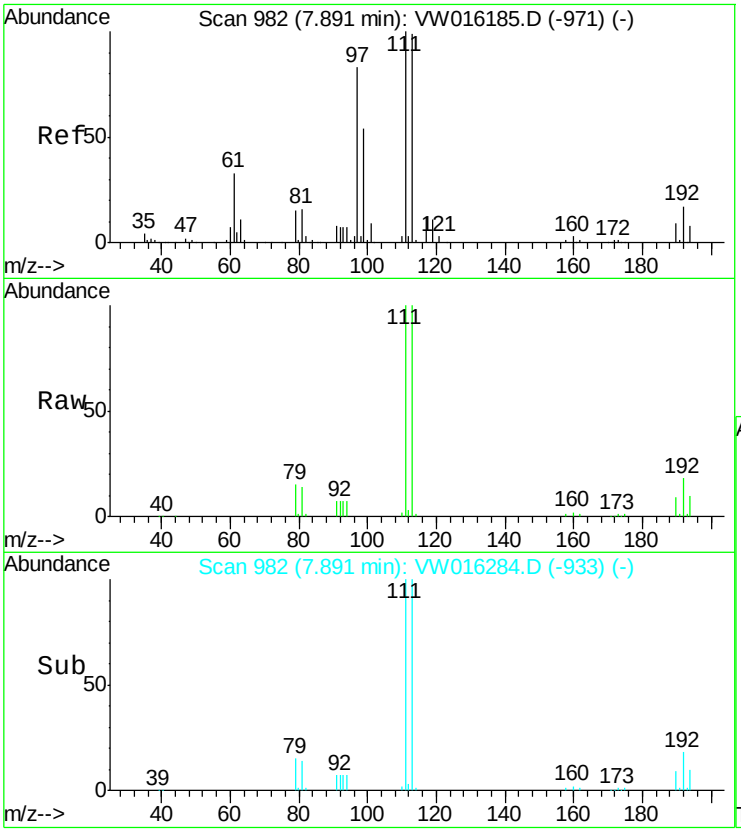


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Tgt Ion:114 Resp: 300807

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	16.6	0.0	32.8



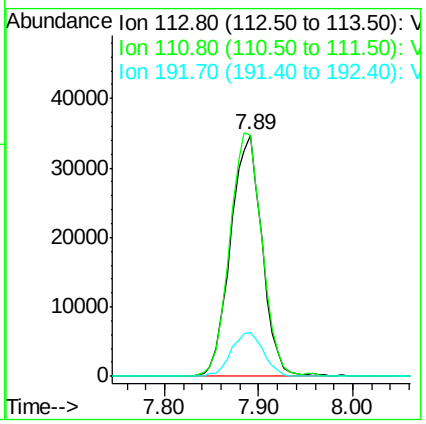


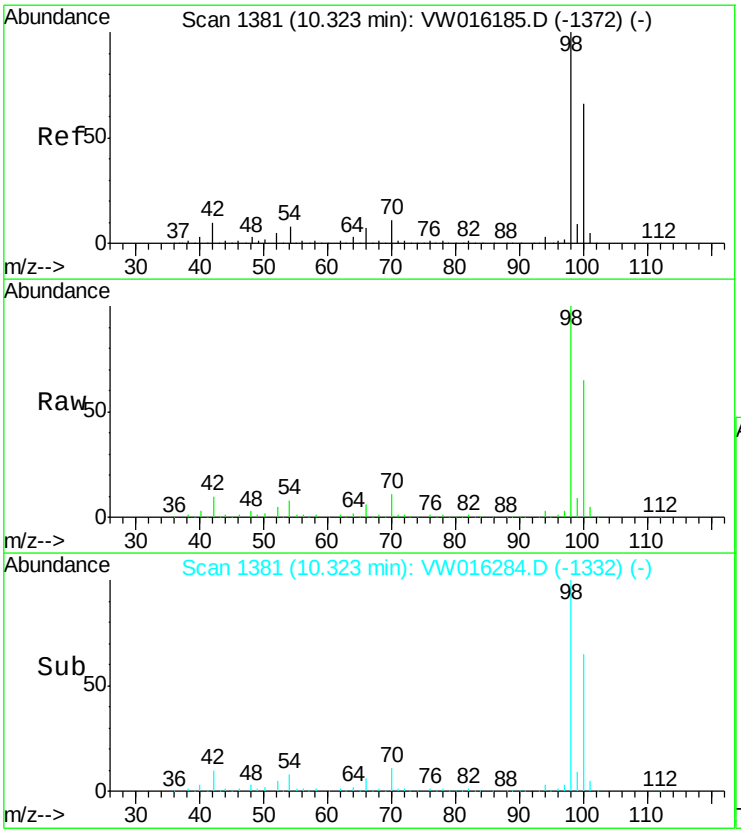
#35
Dibromofluoromethane
Concen: 43.580 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Instrument :
MSVOA_W
ClientSampleId :
HD-01-081820

Tgt Ion:113 Resp: 80885

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.5	125.3
192	18.6	14.3	21.5

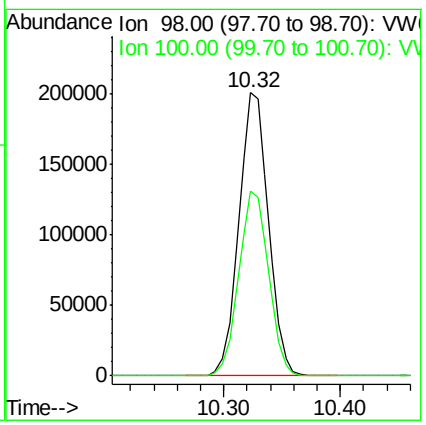


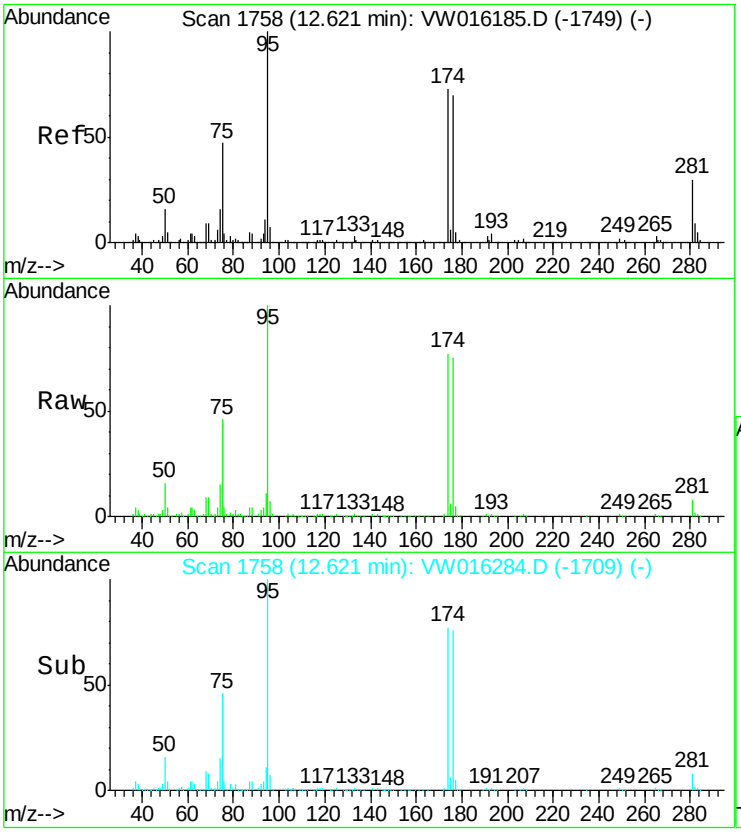


#50
Toluene-d8
Concen: 49.579 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Tgt Ion: 98 Resp: 356193

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.5	80.3



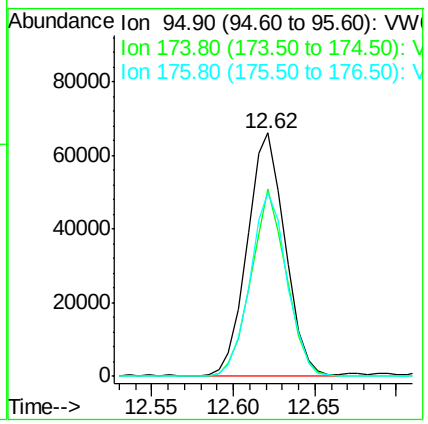


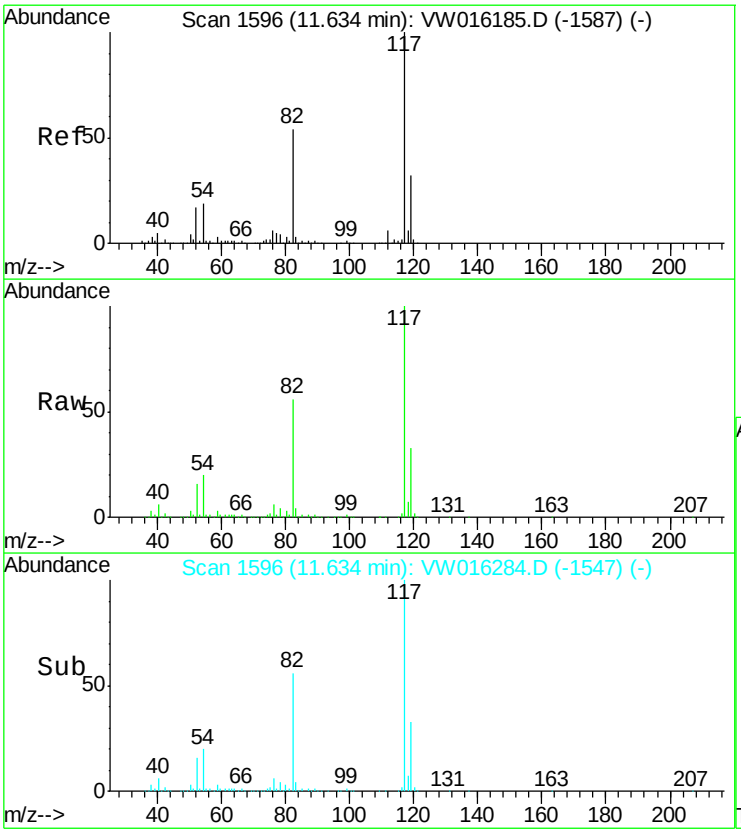
#62
4-Bromofluorobenzene
Concen: 41.348 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Instrument :
MSVOA_W
ClientSampleId :
HD-01-081820

Tgt Ion: 95 Resp: 106183

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	145.6
176	74.1	0.0	137.8

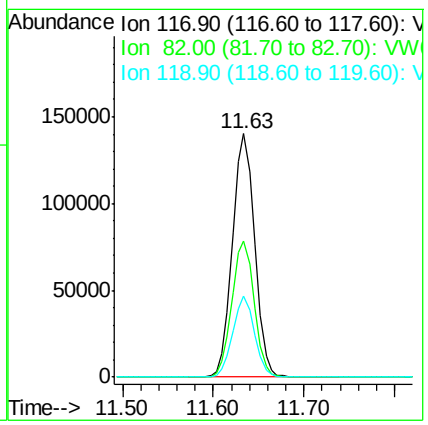


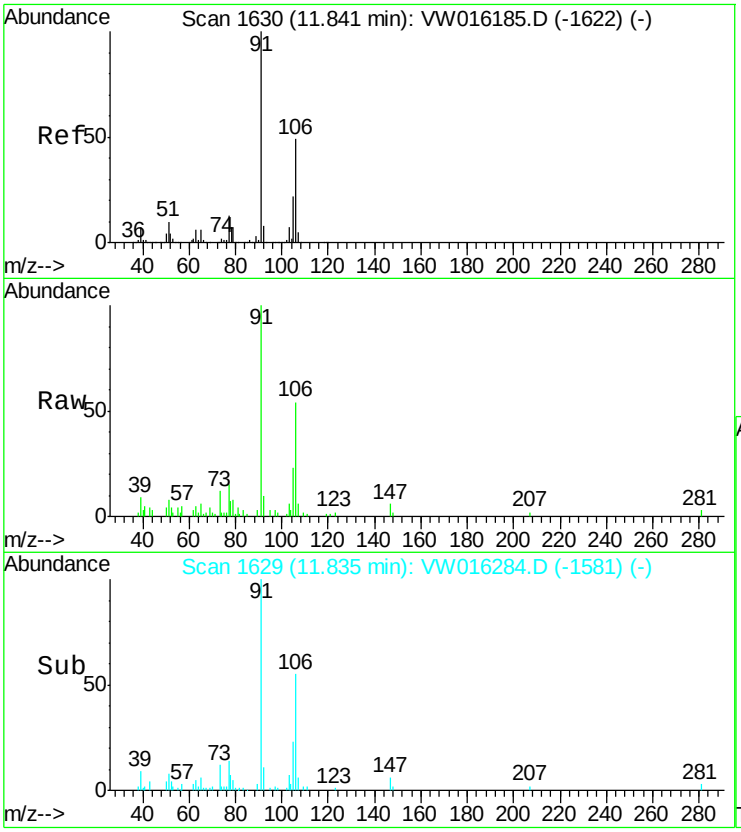


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Tgt Ion:117 Resp: 238995

Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.6	65.4
119	33.1	25.4	38.0



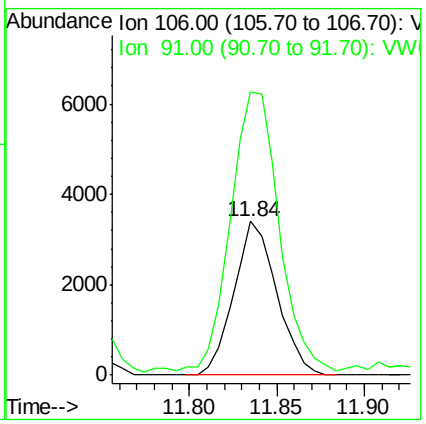


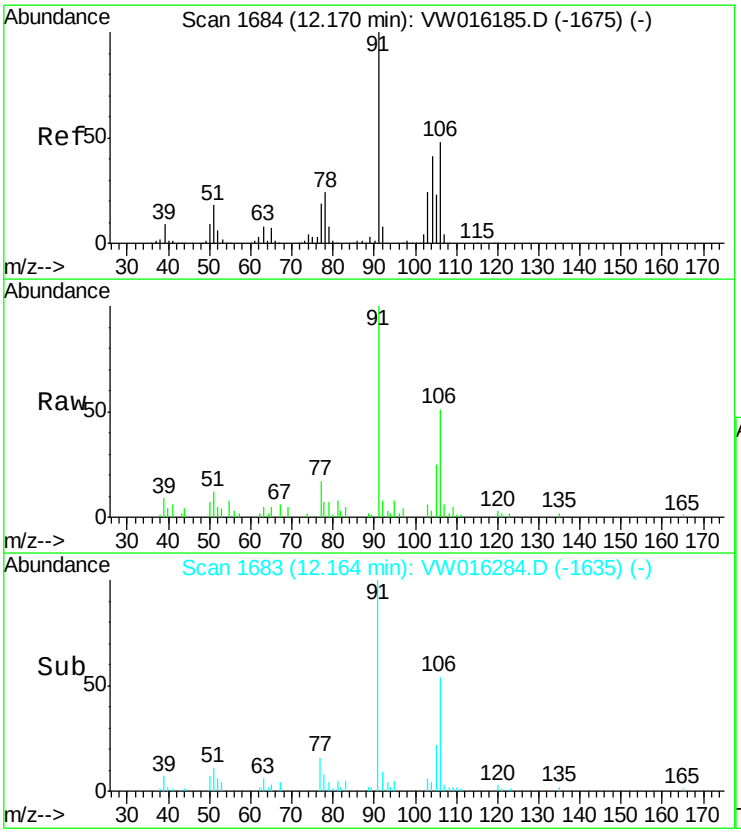
#68
m/p-Xylenes
Concen: 1.706 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

Tgt Ion:106 Resp: 5774

Ion	Ratio	Lower	Upper
106	100		
91	205.5	161.4	242.2

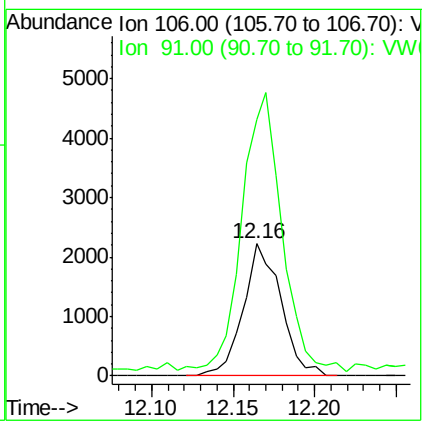


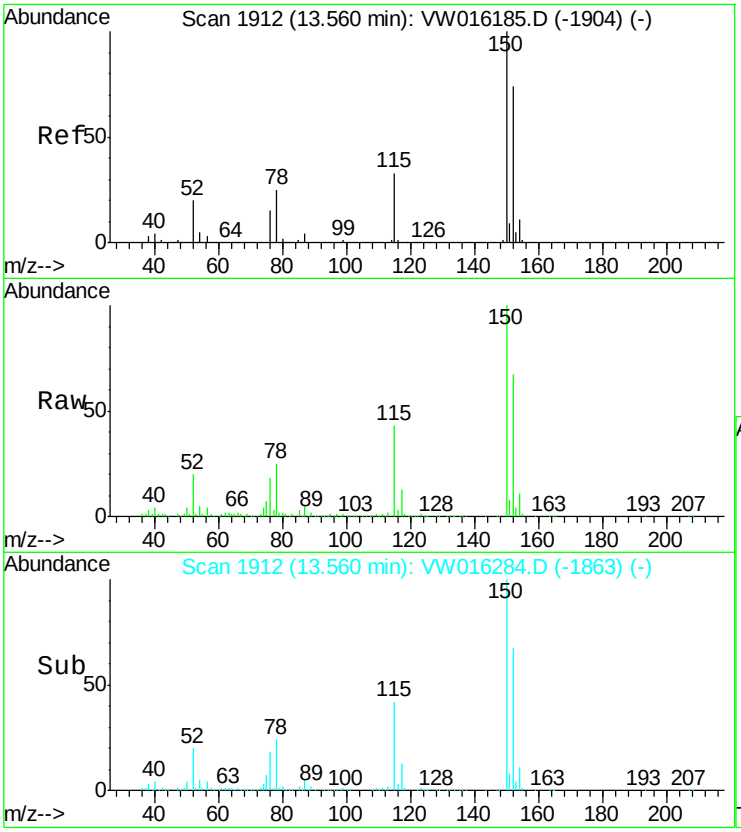


#69
o-Xylene
Concen: 1.190 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Tgt Ion:106 Resp: 3588

Ion	Ratio	Lower	Upper
106	100		
91	220.7	106.0	317.9



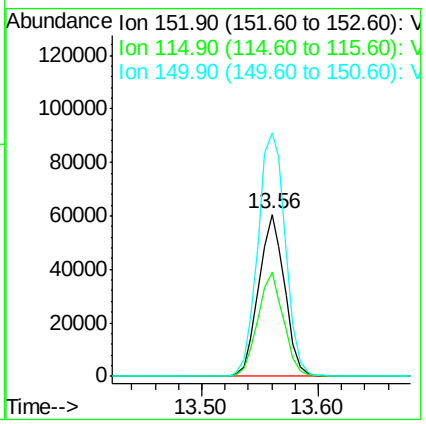


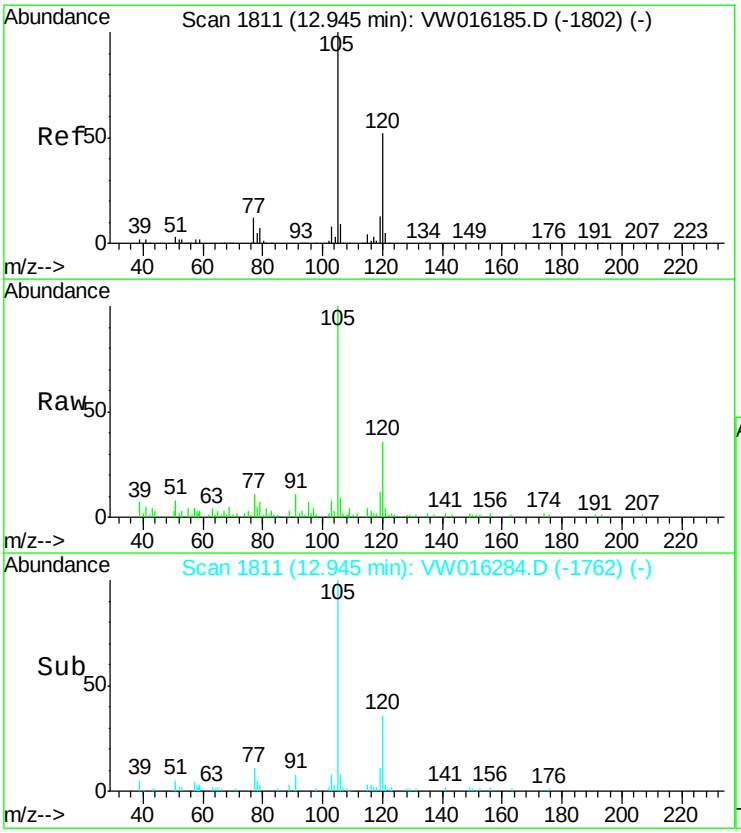
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Instrument : MSVOA_W
ClientSampleId : HD-01-081820

Tgt Ion:152 Resp: 94196

Ion	Ratio	Lower	Upper
152	100		
115	63.3	30.9	92.5
150	159.3	0.0	337.8

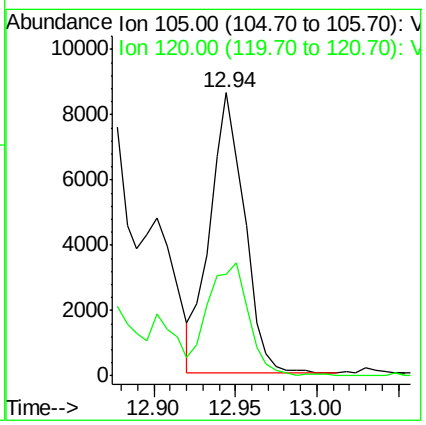


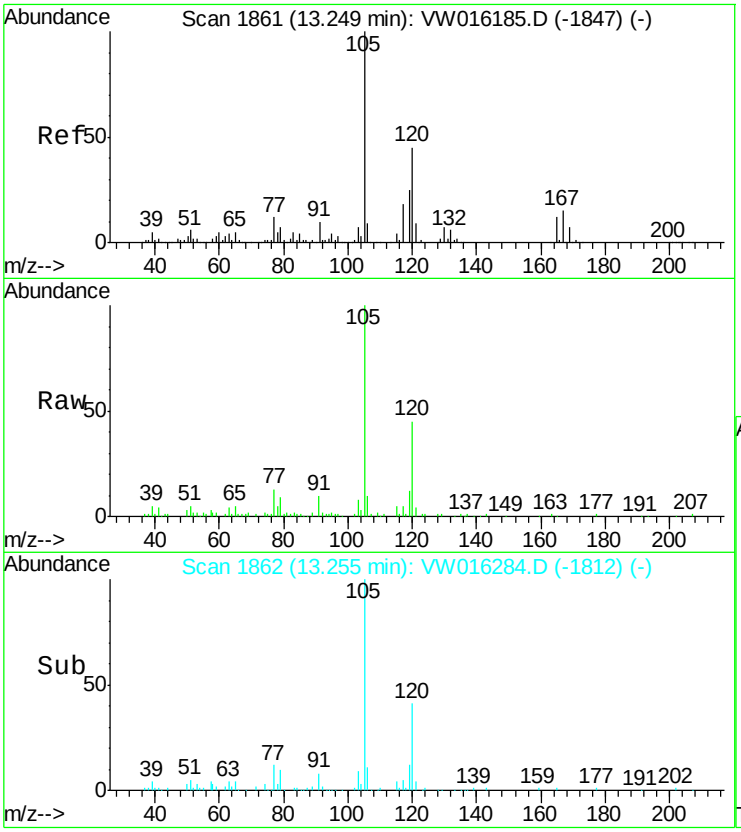


#80
1,3,5-Trimethylbenzene
Concen: 2.046 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Tgt Ion:105 Resp: 12610

Ion	Ratio	Lower	Upper
105	100		
120	47.6	25.1	75.2



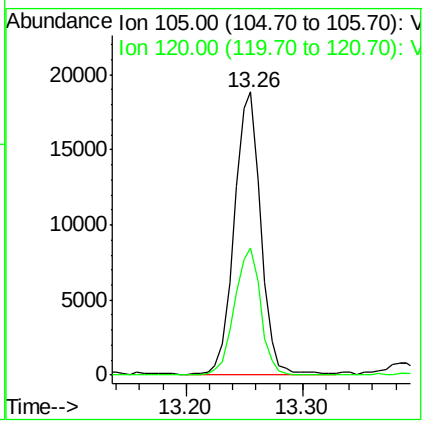


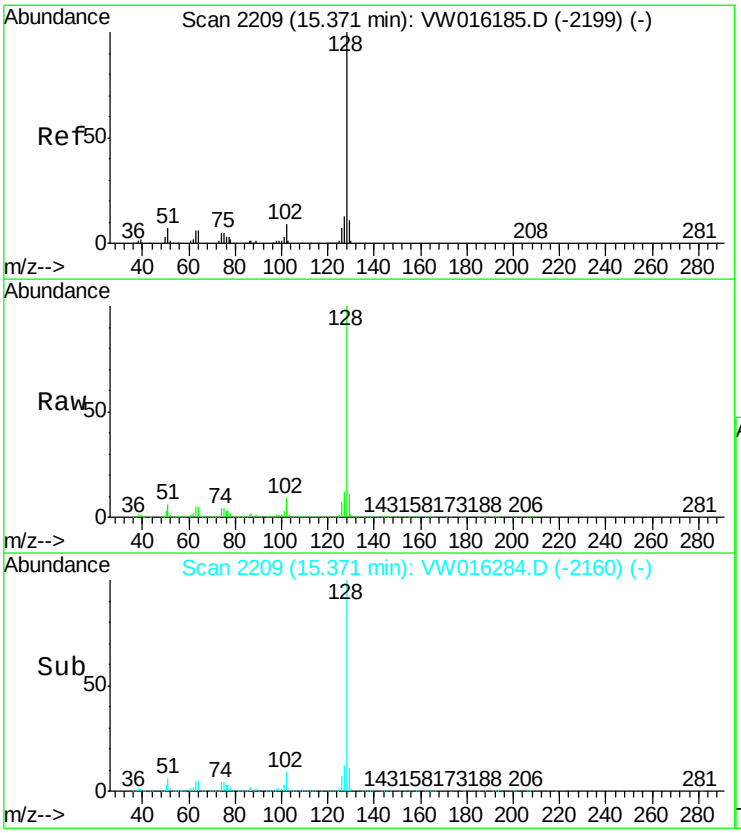
#84
1,2,4-Trimethylbenzene
Concen: 4.841 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Instrument :
MSVOA_W
ClientSampleId :
HD-01-081820

Tgt Ion:105 Resp: 29516

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.2	66.6





#95
Naphthalene
Concen: 665.124 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016284.D
Acq: 21 Aug 2020 01:36

Tgt Ion:128 Resp: 2469617

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.7	13.1