Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012420\
Data File : VD064947.D
Acq On : 24 Jan 2020 17:09
Operator : VA/SY
Sample : L1243-10
Misc : 6.77G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CTY-SB-03-5-6

Quant Time: Jan 25 03:14:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	453097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	718638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	633506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	201879	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.90%			
35) Dibromofluoromethane	7.92	113	218435	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.74%			
50) Toluene-d8	10.34	98	861372	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.84%			
62) 4-Bromofluorobenzene	12.64	95	243187	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.18%			
Target Compounds						Qvalue
16) Acetone	4.17	43	18839	28.580	ug/l	94
17) Carbon Disulfide	4.41	76	27334	2.106	ug/l #	94
39) Methylcyclohexane	9.36	83	39731	4.904	ug/l	95
40) Benzene	8.36	78	68043	3.565	ug/l	97
68) m/p-Xylenes	11.86	106	8853	1.007	ug/l	91
84) 1,2,4-Trimethylbenzene	13.27	105	18809	1.380	ug/l	99
95) Naphthalene	15.41	128	442382	60.562	ug/l	98

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

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CTY-SB-03-5-6

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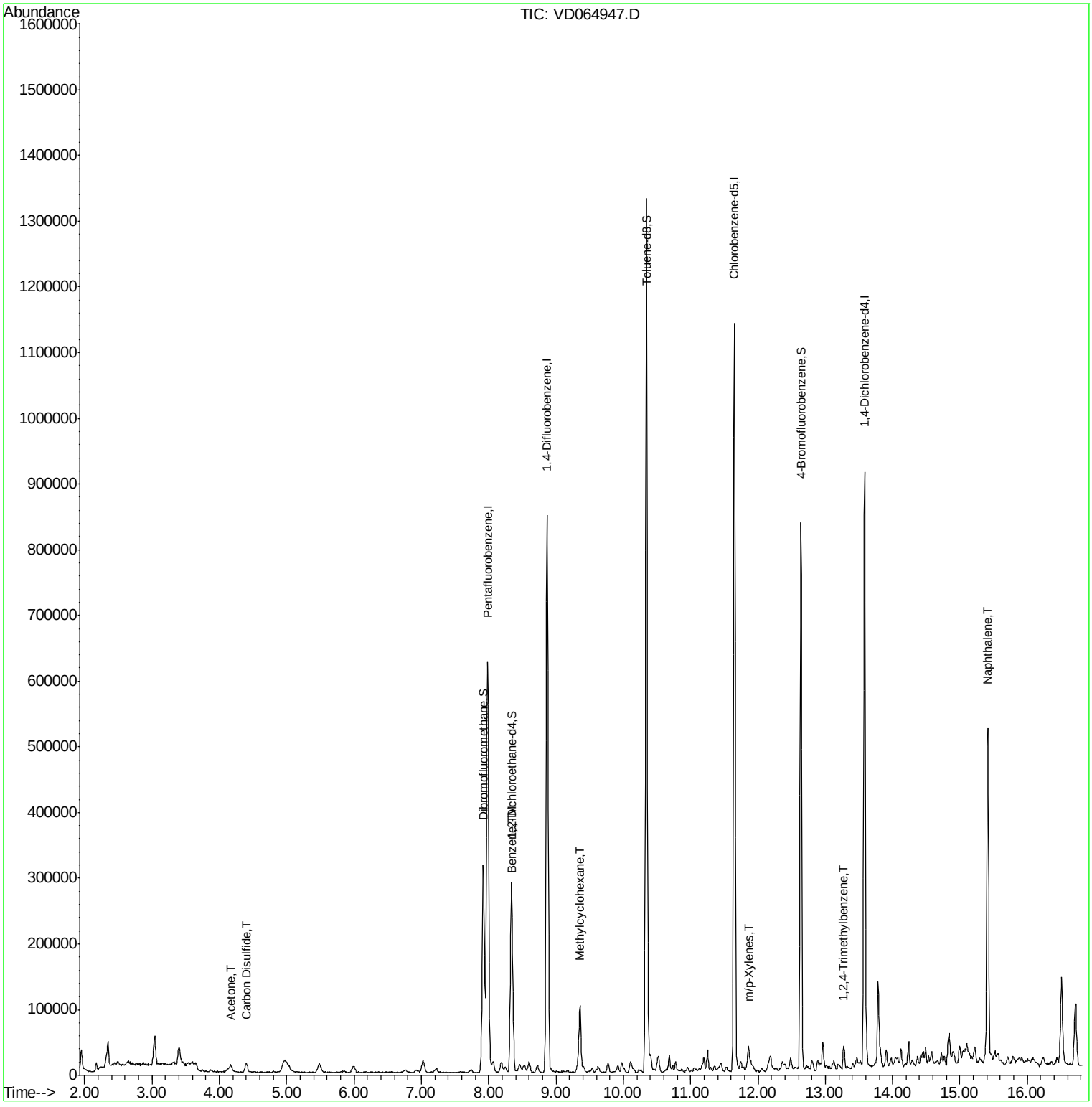
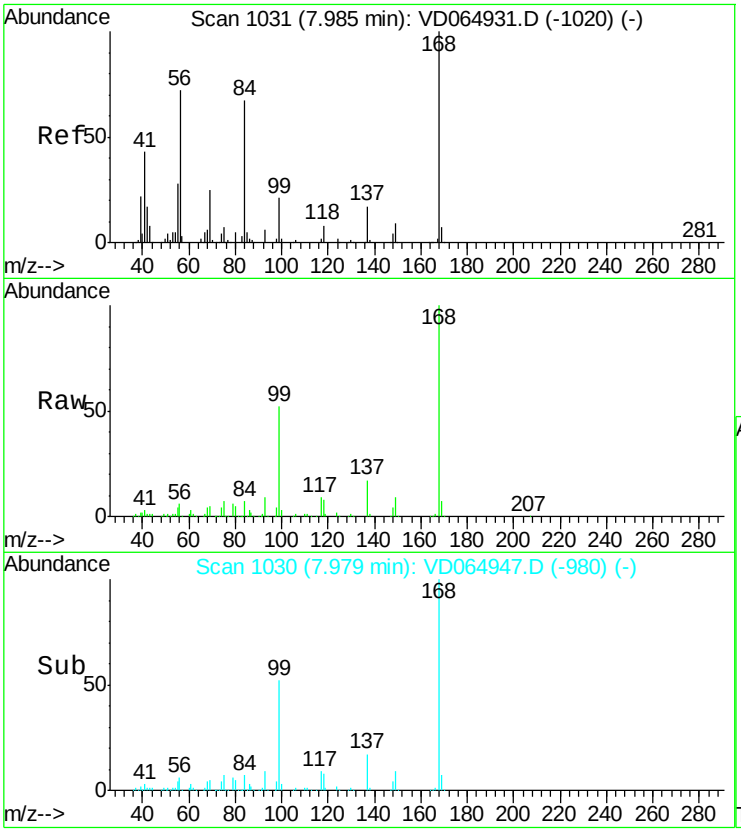


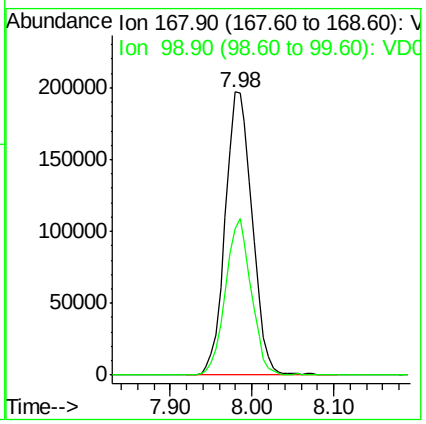


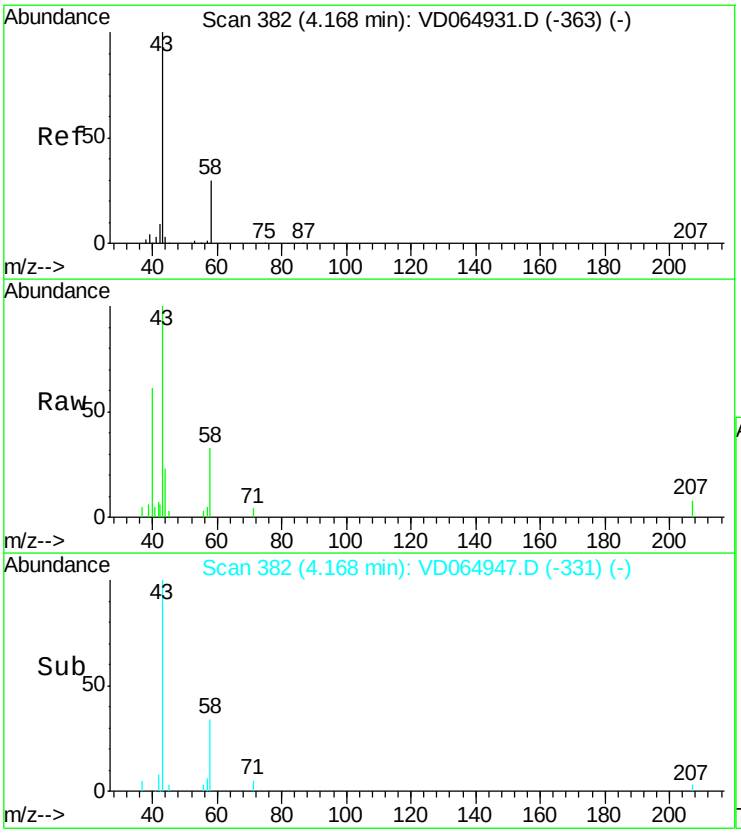
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-03-5-6

Tgt Ion:168 Resp: 453097

Ion	Ratio	Lower	Upper
168	100		
99	51.5	43.3	64.9

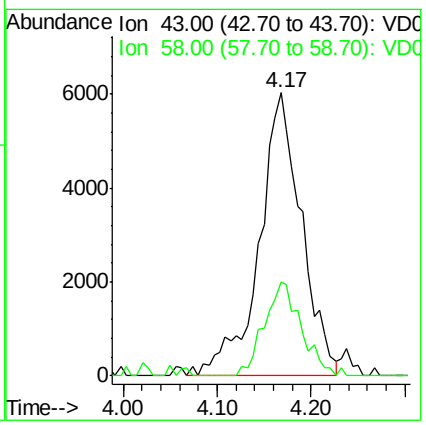


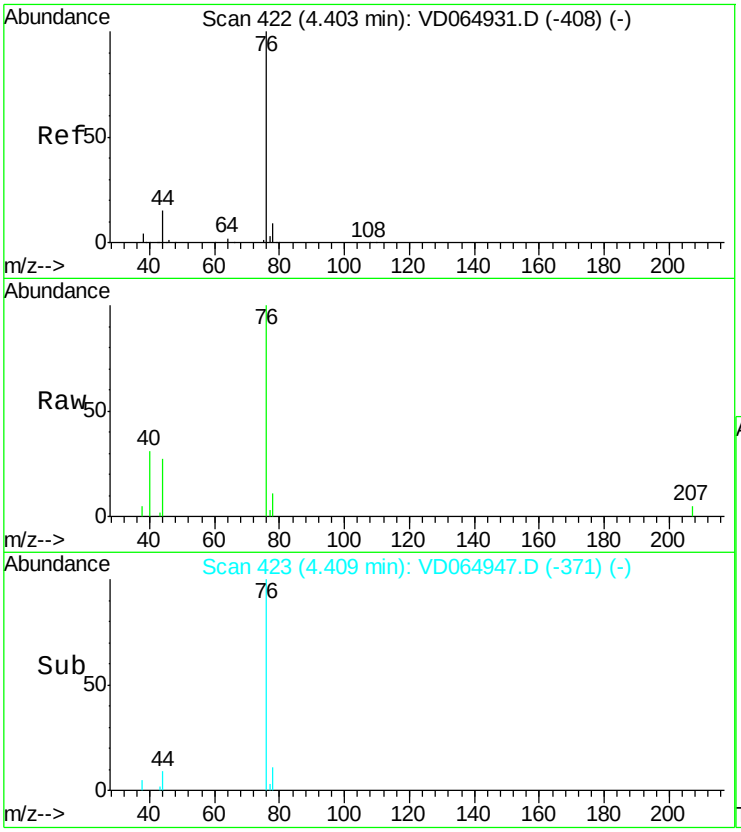


#16
Acetone
Concen: 28.580 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Tgt Ion: 43 Resp: 18839

Ion	Ratio	Lower	Upper
43	100		
58	33.2	23.8	35.8



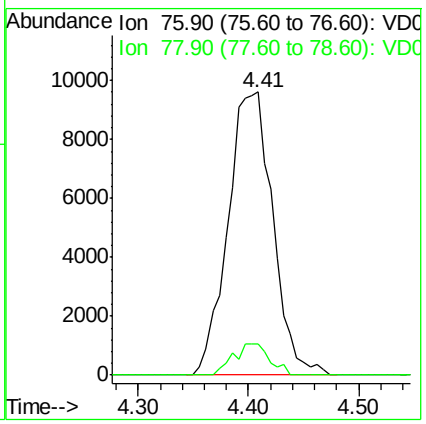


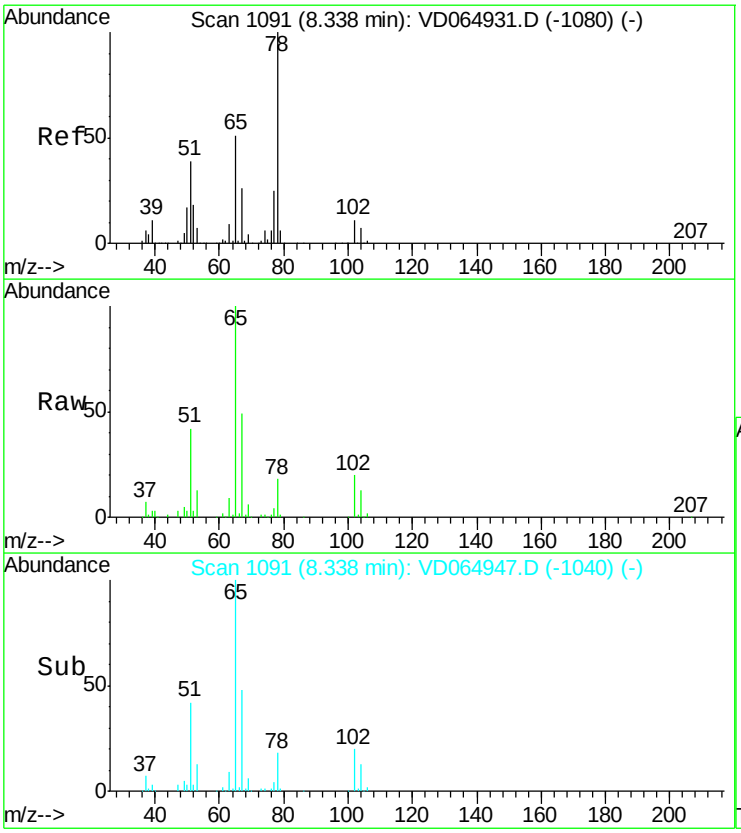
#17
Carbon Disulfide
Concen: 2.106 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.01 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-03-5-6

Tgt Ion: 76 Resp: 27334

Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.1	10.7#

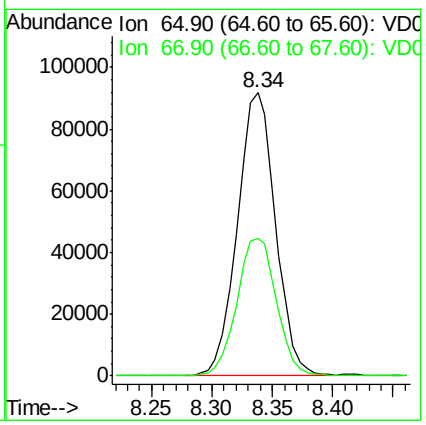


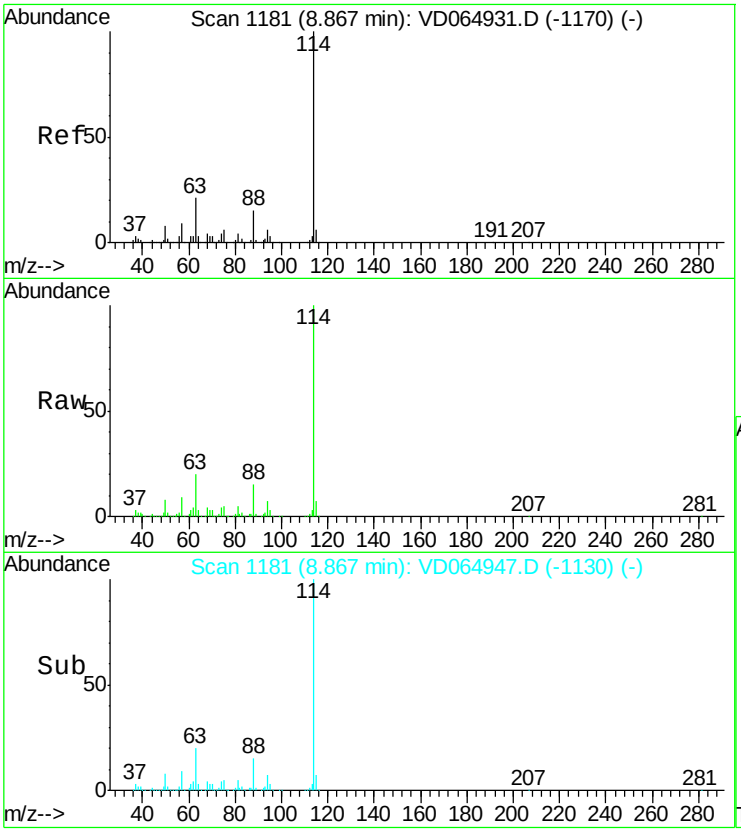


#33
1,2-Dichloroethane-d4
Concen: 46.450 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Tgt Ion: 65 Resp: 201879

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	103.6



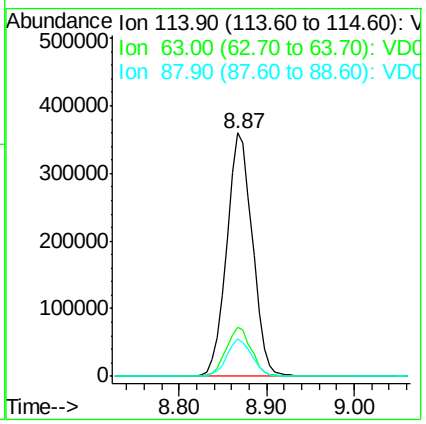


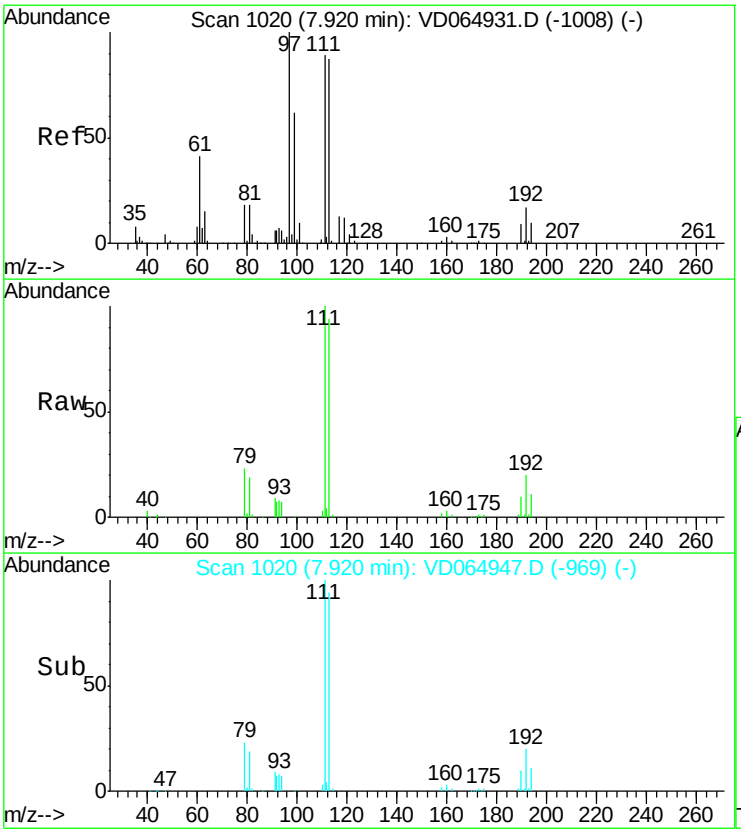
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-03-5-6

Tgt Ion:114 Resp: 718638

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.0
88	15.4	0.0	29.4

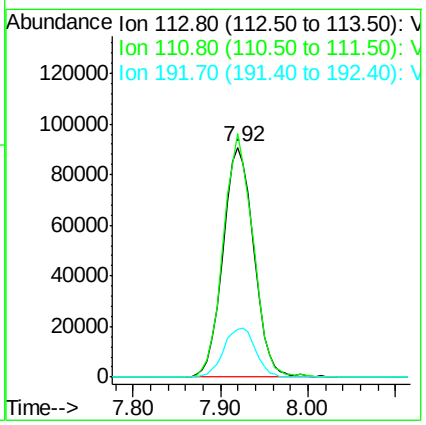


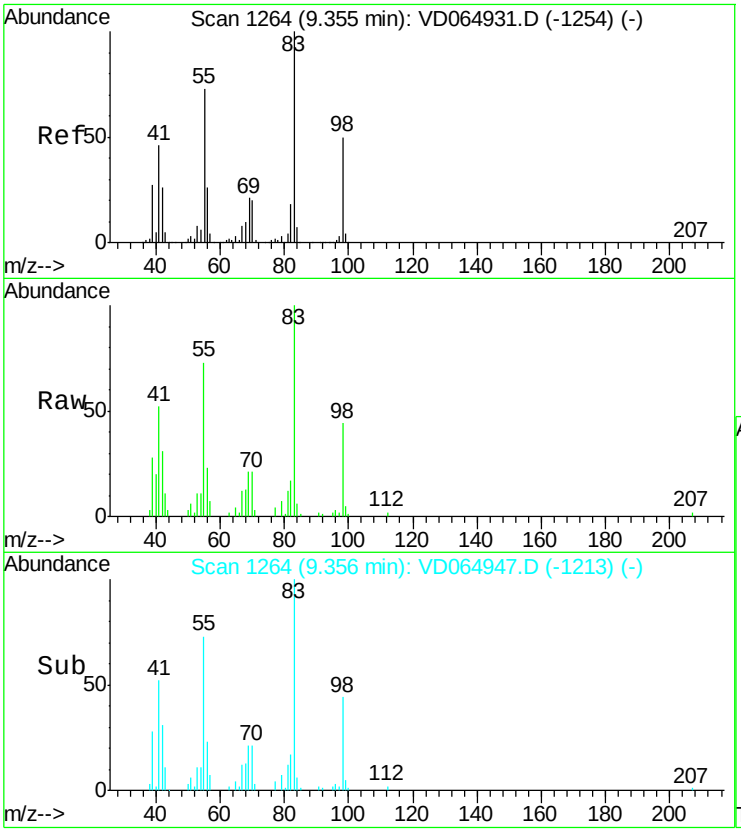


#35
Dibromofluoromethane
Concen: 48.369 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Tgt Ion:113 Resp: 218435

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	21.9	16.9	25.3



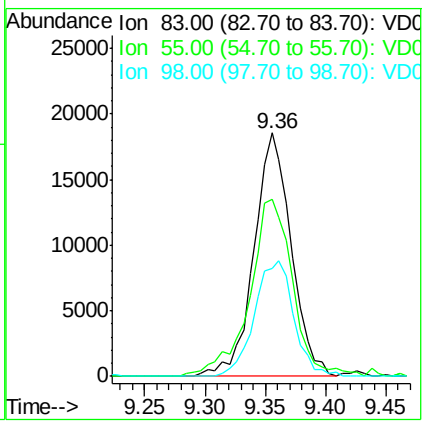


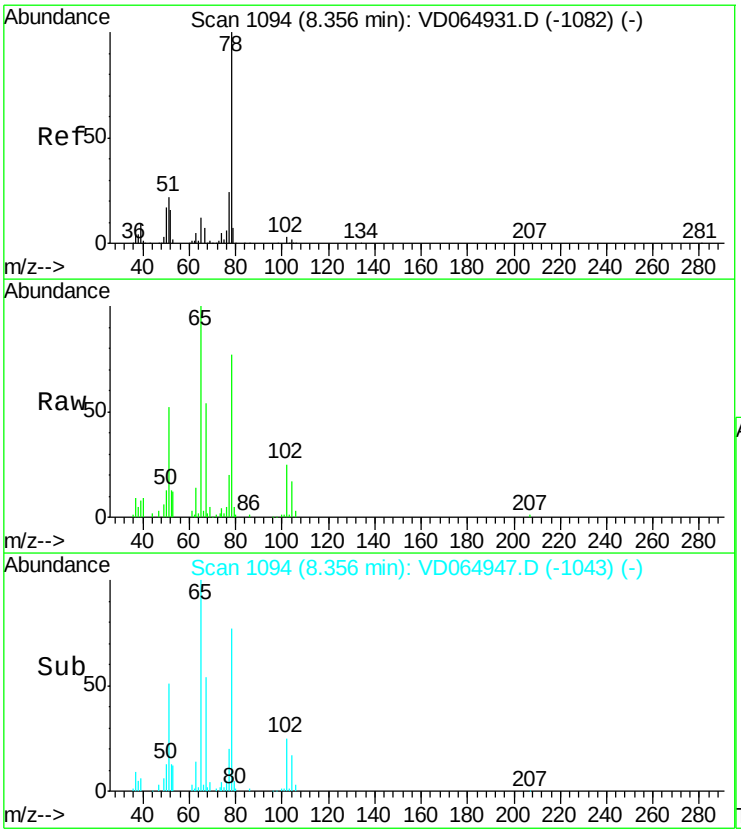
#39
Methylcyclohexane
Concen: 4.904 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-03-5-6

Tgt Ion: 83 Resp: 39731

Ion	Ratio	Lower	Upper
83	100		
55	71.7	58.7	88.1
98	44.5	40.2	60.2

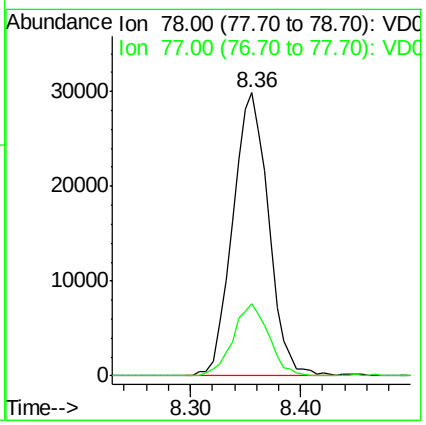


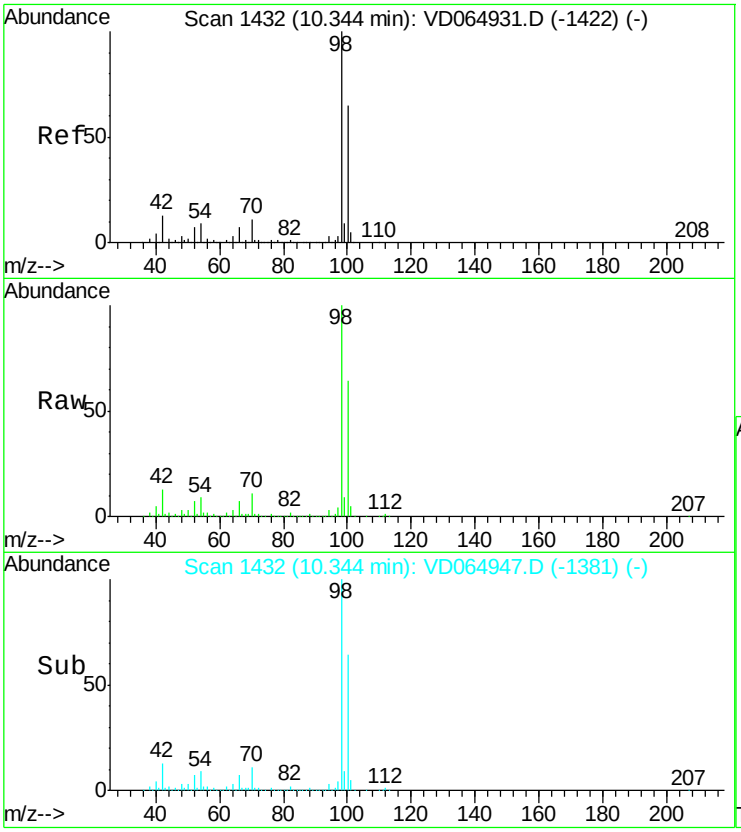


#40
Benzene
Concen: 3.565 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Tgt Ion: 78 Resp: 68043

Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.2	28.8



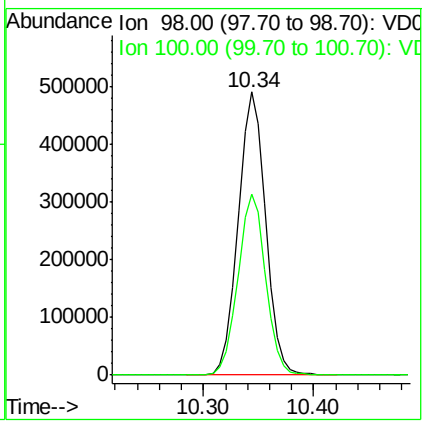


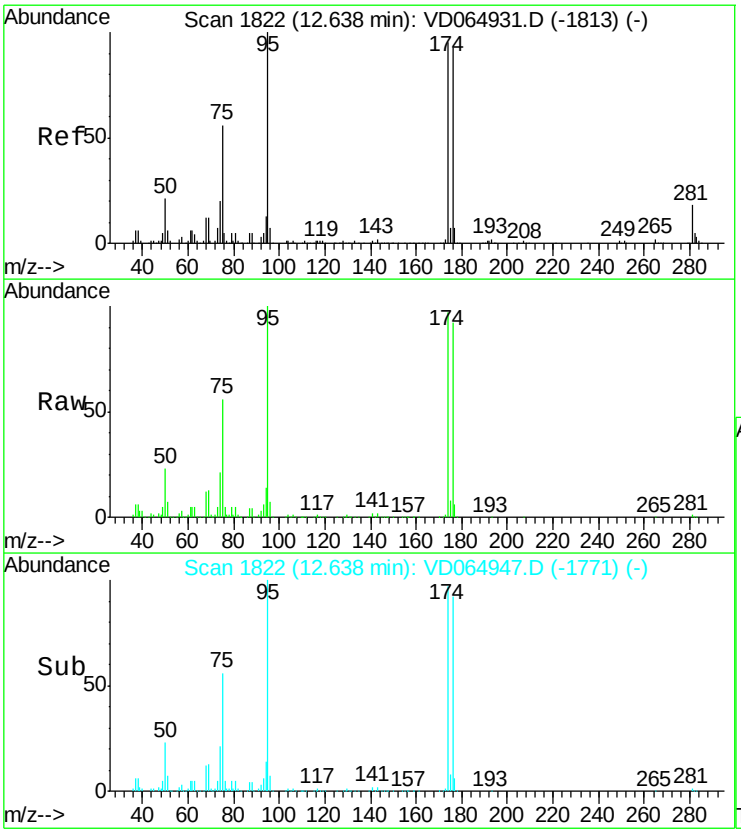
#50
Toluene-d8
Concen: 49.419 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Instrument : MSVOA_D
ClientSampleId : CTY-SB-03-5-6

Tgt Ion: 98 Resp: 861372

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.3	78.5

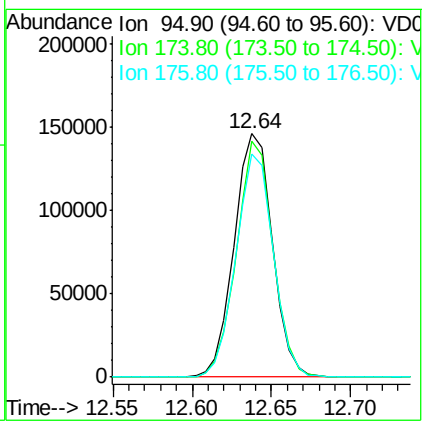


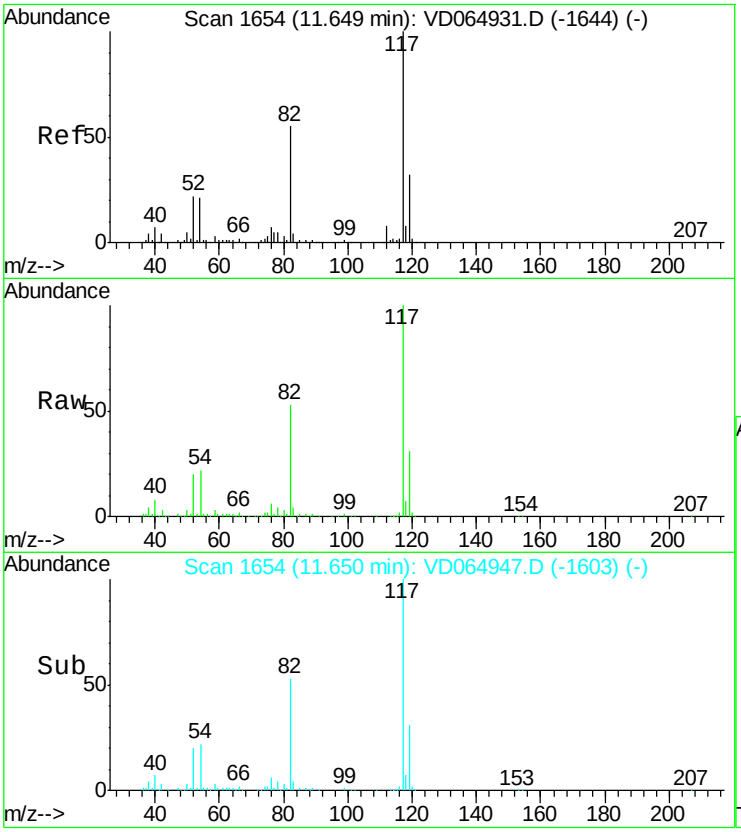


#62
4-Bromofluorobenzene
Concen: 45.592 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Tgt Ion: 95 Resp: 243187

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	186.8
176	90.4	0.0	183.4



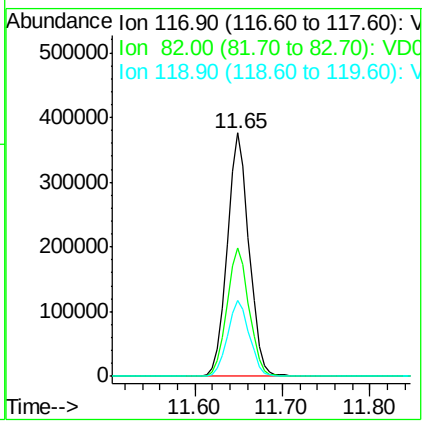


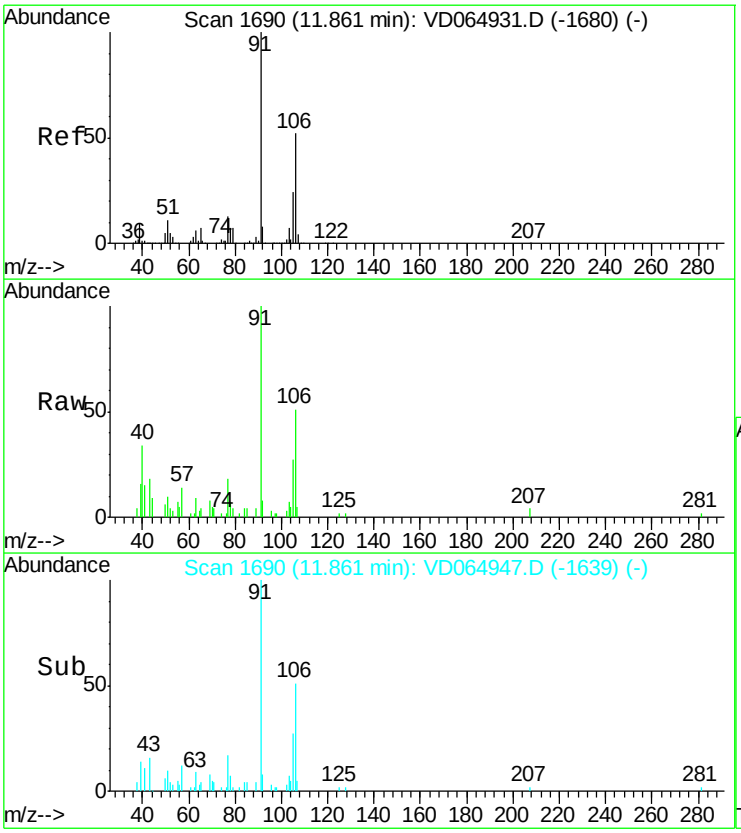
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Instrument : MSVOA_D
ClientSampleId : CTY-SB-03-5-6

Tgt Ion:117 Resp: 633506

Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.6	65.4
119	31.3	25.2	37.8

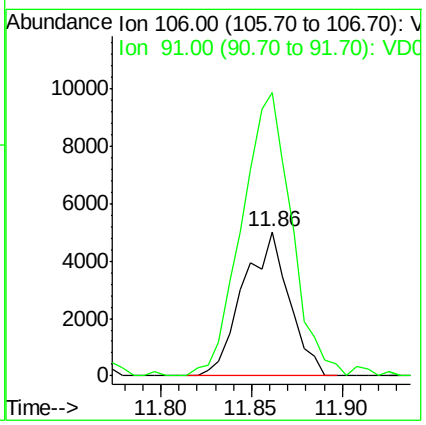


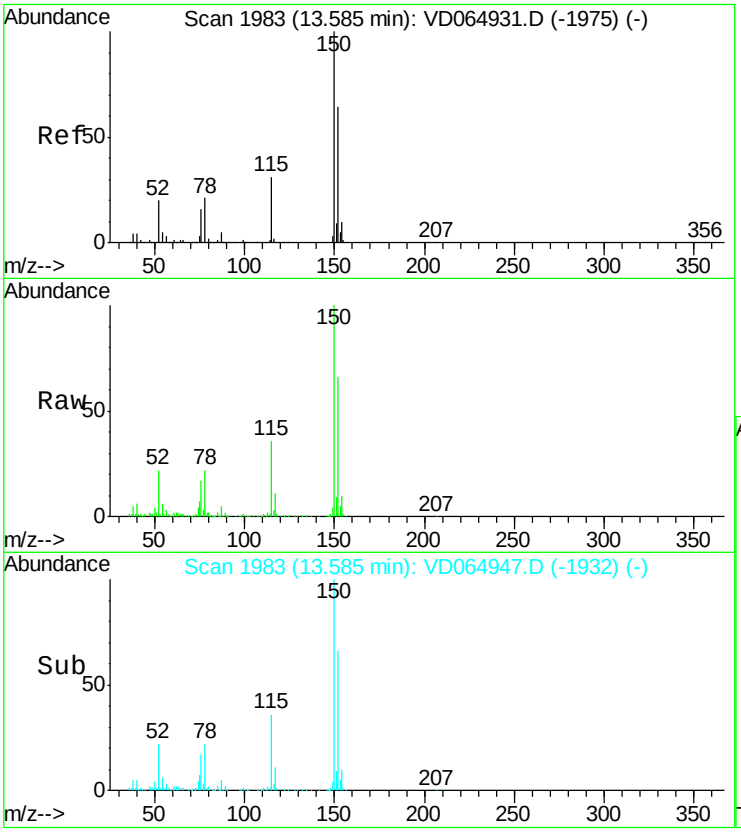


#68
m/p-Xylenes
Concen: 1.007 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Tgt Ion:106 Resp: 8853

Ion	Ratio	Lower	Upper
106	100		
91	212.0	159.0	238.4



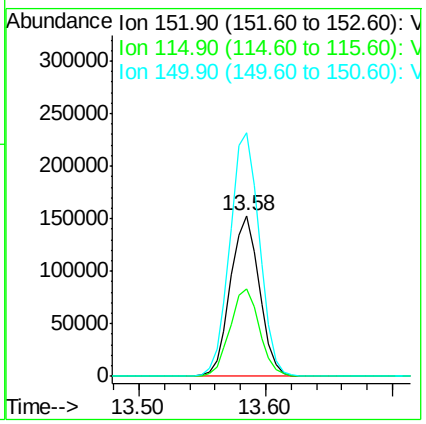


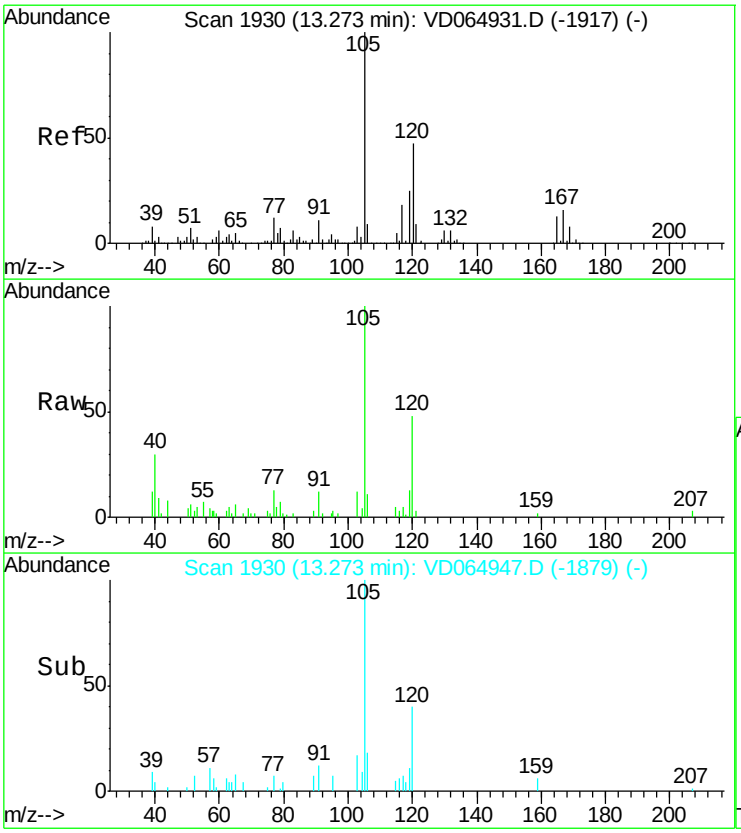
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-03-5-6

Tgt Ion:152 Resp: 240168

Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.1	84.4
150	154.9	0.0	350.4

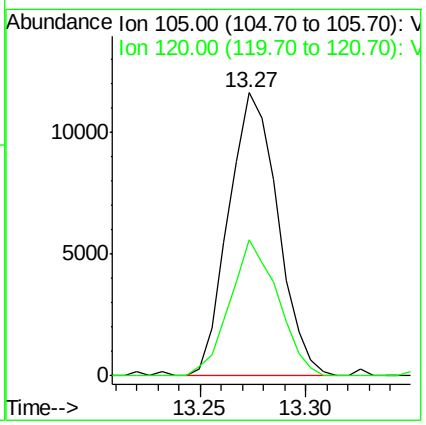


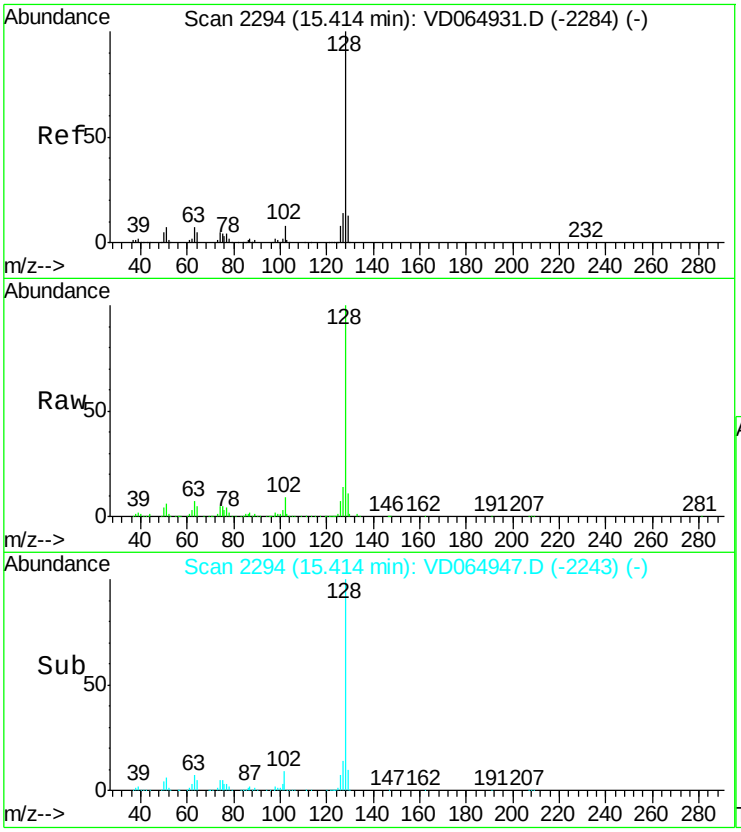


#84
1,2,4-Trimethylbenzene
Concen: 1.380 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Tgt Ion:105 Resp: 18809

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.3





#95
Naphthalene
Concen: 60.562 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064947.D
Acq: 24 Jan 2020 17:09

Instrument :
MSVOA_D
ClientSampleId :
CTY-SB-03-5-6

Tgt Ion:128 Resp: 442382

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	15.8
129	10.6	9.3	13.9