Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123119\
Data File : VD064705.D
Acq On : 31 Dec 2019 20:05
Operator : VA/SY
Sample : K6462-02
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : K500-2

Quant Time: Jan 01 02:09:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	483741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	744006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	655217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	372237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	214893	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.76%			
35) Dibromofluoromethane	7.92	113	221787	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.18%			
50) Toluene-d8	10.34	98	914551	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.62%			
62) 4-Bromofluorobenzene	12.64	95	326823	59.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.24%			
Target Compounds						Qvalue
30) Chloroform	7.71	83	30045	3.604	ug/l	93
39) Methylcyclohexane	9.36	83	61496	7.090	ug/l	91
68) m/p-Xylenes	11.86	106	17941	1.883	ug/l #	66
69) o-Xylene	12.18	106	769157	89.381	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	1036369	47.428	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	108675	4.994	ug/l	98
85) sec-Butylbenzene	13.41	105	48540	1.866	ug/l	83
86) p-Isopropyltoluene	13.53	119	69637	2.800	ug/l	99

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

Quantitation Report (LSC Reviewed)

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Data File : VD064705.D
Acq On : 31 Dec 2019 20:05
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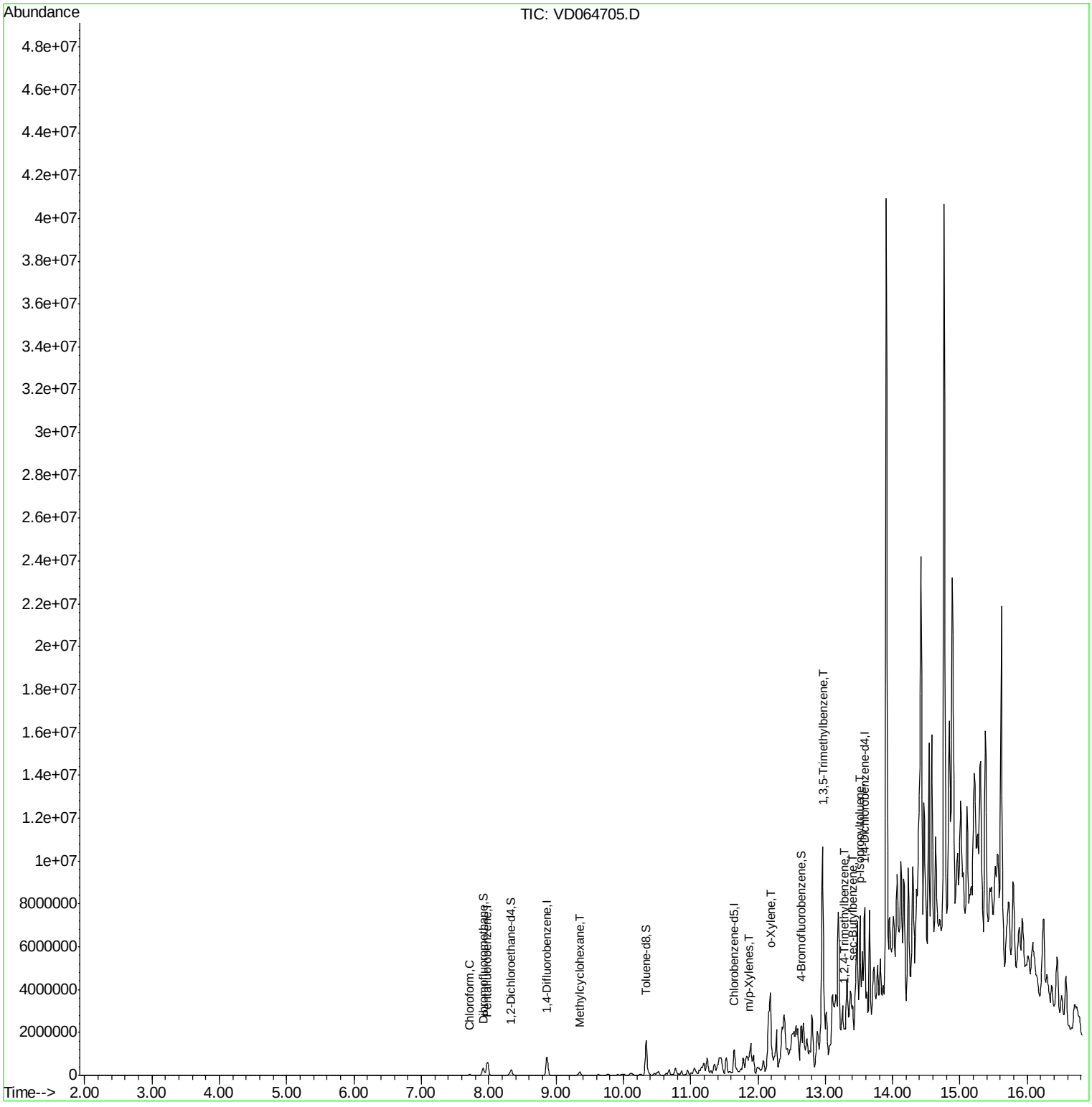
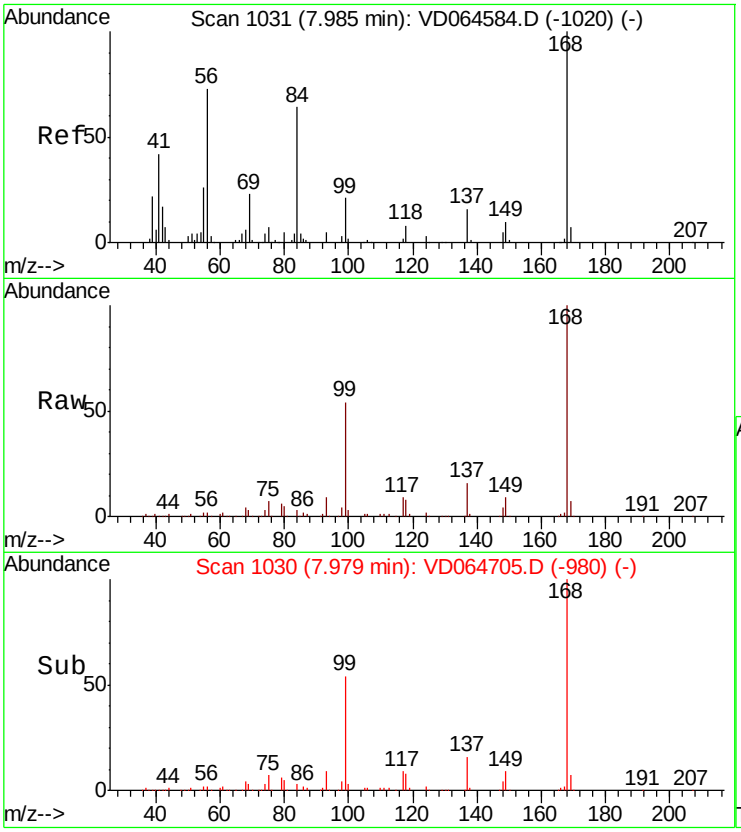
MSVOA_D
ClientSampleId :
K500-2

Quant Time: Jan 01 02:09:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration



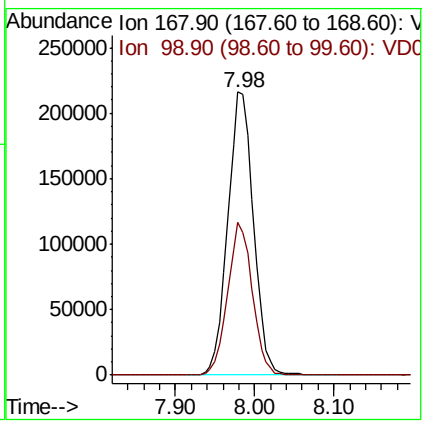


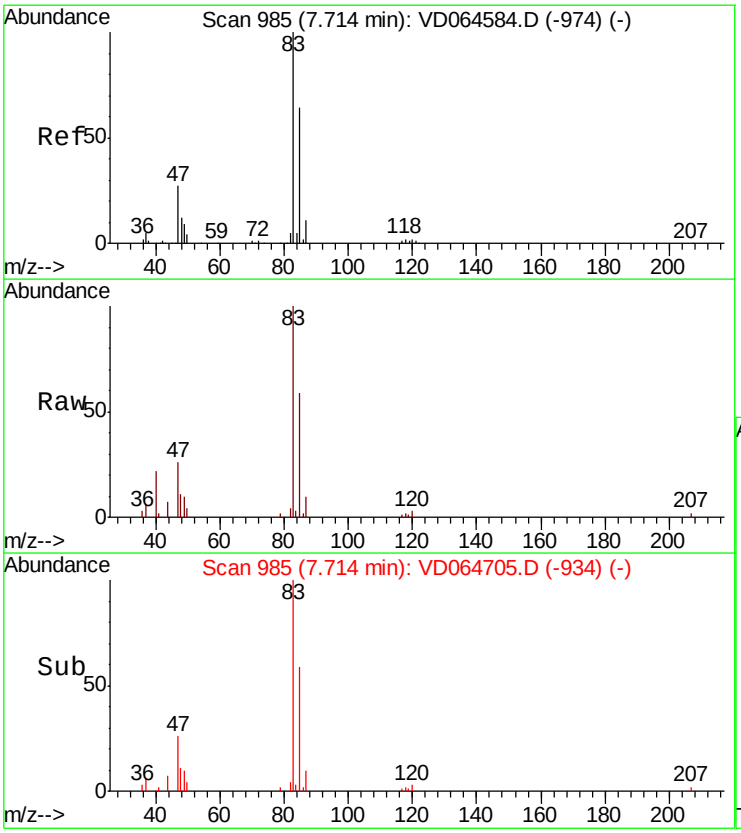
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Instrument : MSVOA_D
ClientSampleId : K500-2

Tgt Ion:168 Resp: 483741

Ion	Ratio	Lower	Upper
168	100		
99	53.8	41.8	62.6

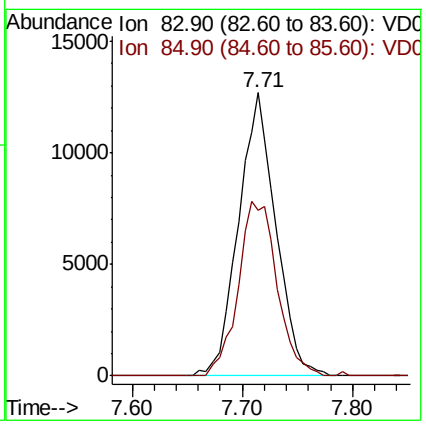


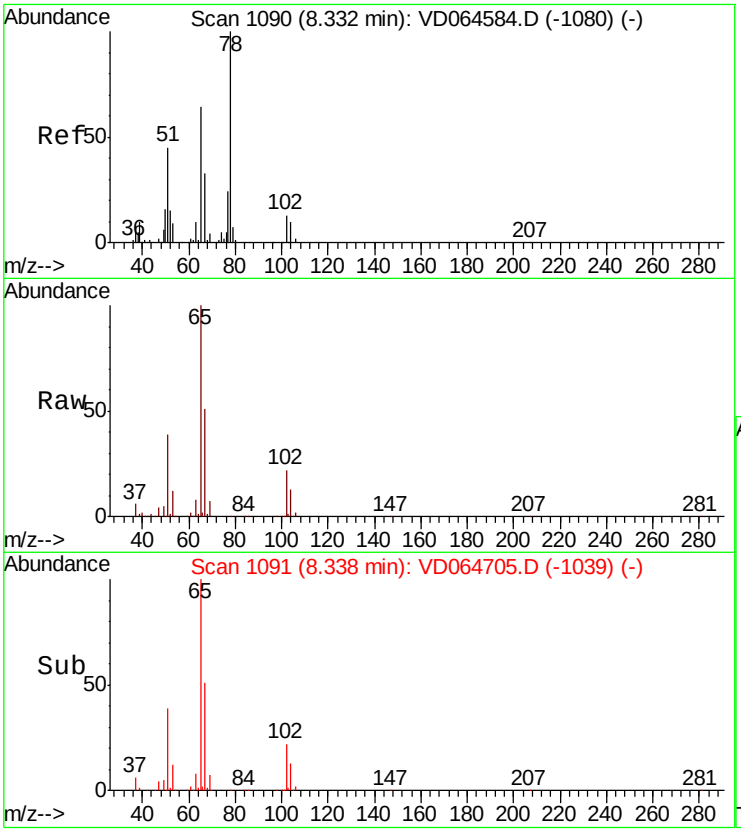


#30
Chloroform
Concen: 3.604 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Tgt Ion: 83 Resp: 30045

Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.1	76.7



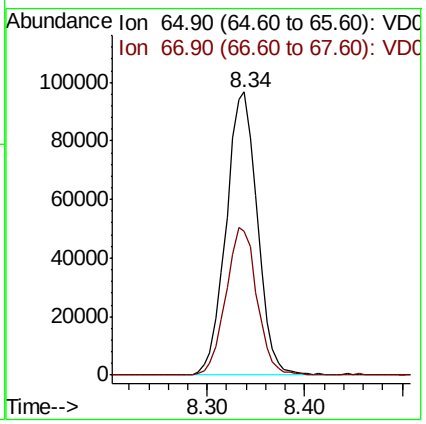


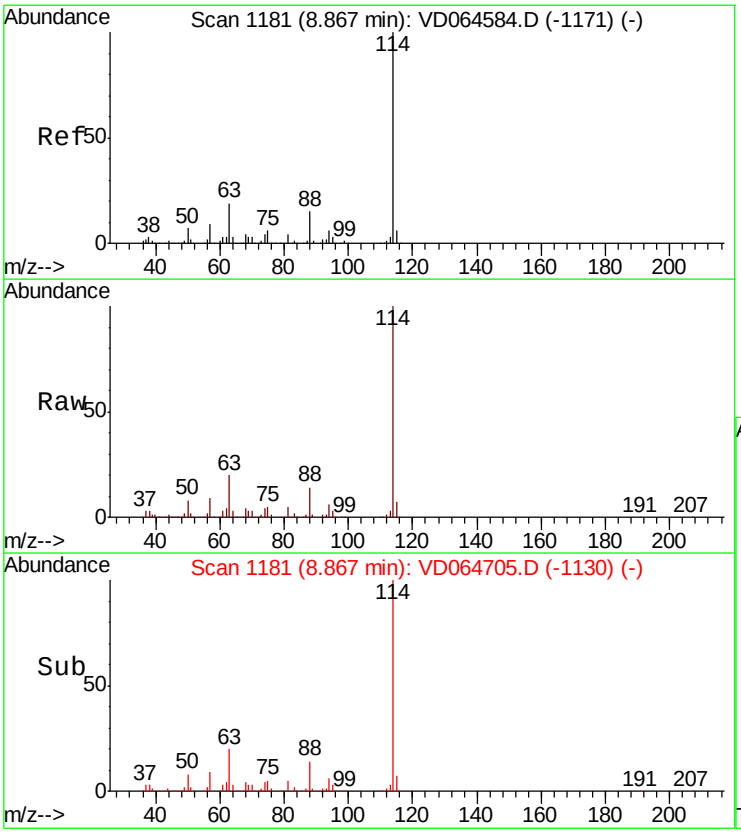
#33
1,2-Dichloroethane-d4
Concen: 50.378 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Instrument : MSVOA_D
ClientSampleId : K500-2

Tgt Ion: 65 Resp: 214893

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.2

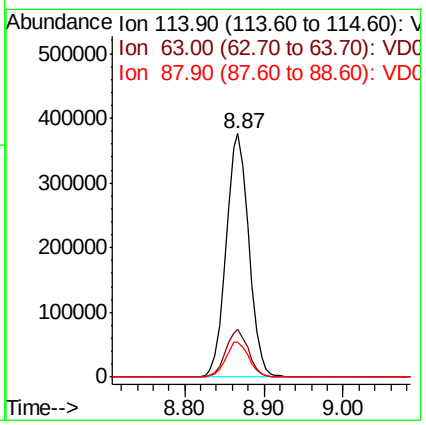


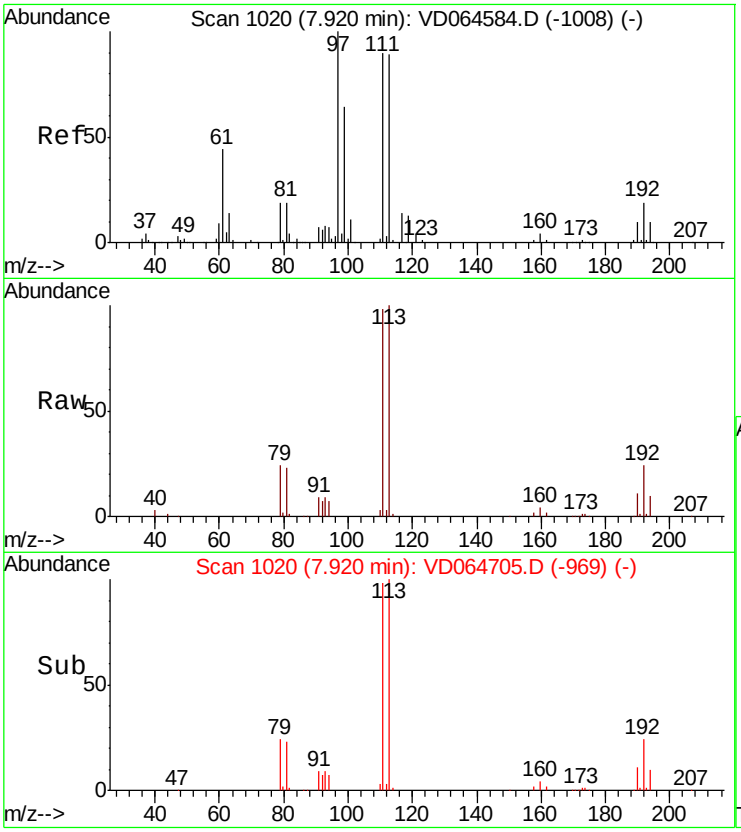


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Tgt Ion:114 Resp: 744006

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.0
88	14.2	0.0	29.2



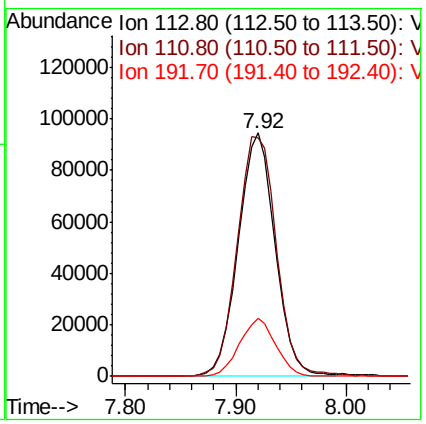


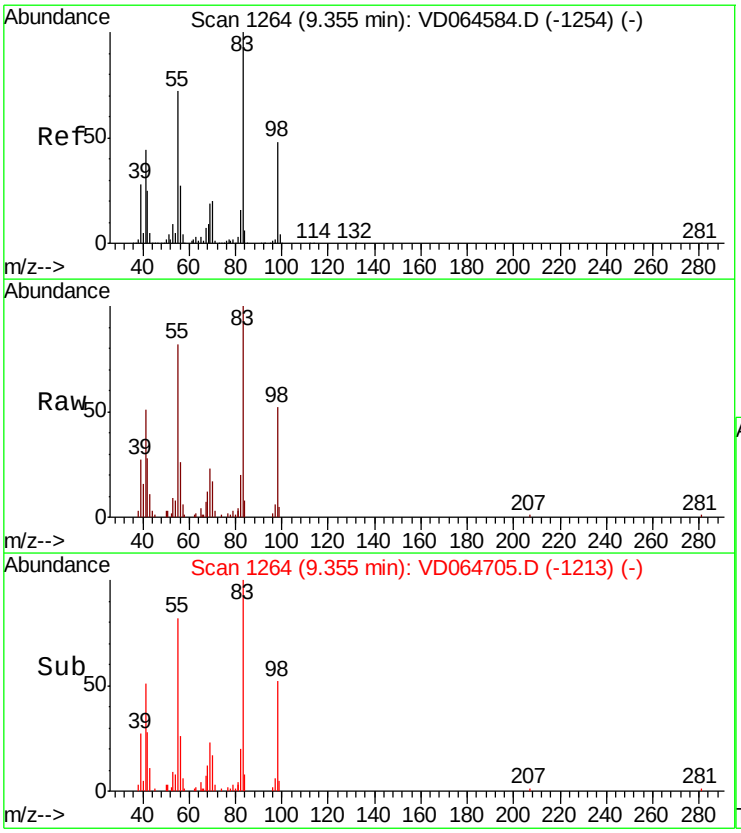
#35
Dibromofluoromethane
Concen: 48.588 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Instrument : MSVOA_D
ClientSampleId : K500-2

Tgt Ion:113 Resp: 221787

Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.6	121.0
192	23.5	17.9	26.9

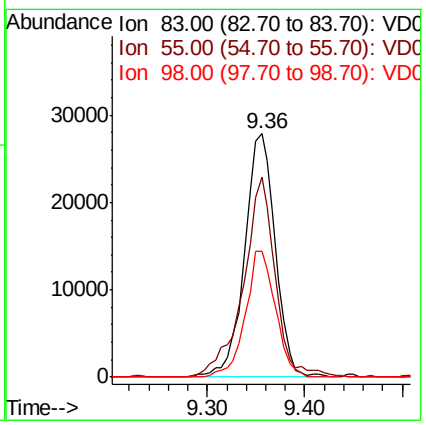


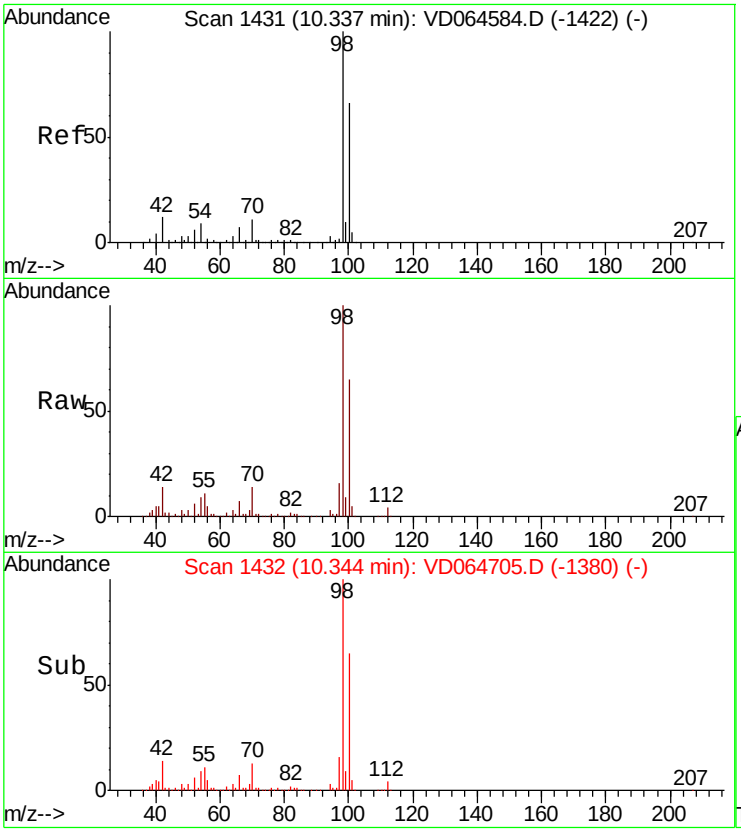


#39
Methylcyclohexane
Concen: 7.090 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Tgt Ion: 83 Resp: 61496

Ion	Ratio	Lower	Upper
83	100		
55	82.4	57.8	86.6
98	51.6	38.7	58.1



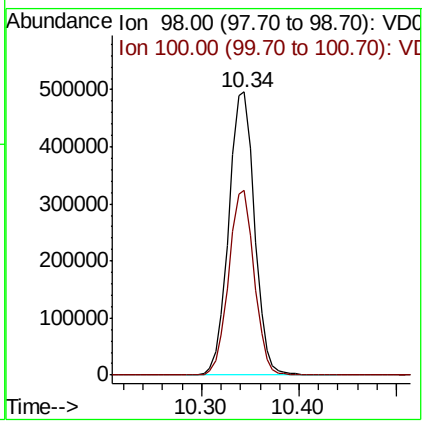


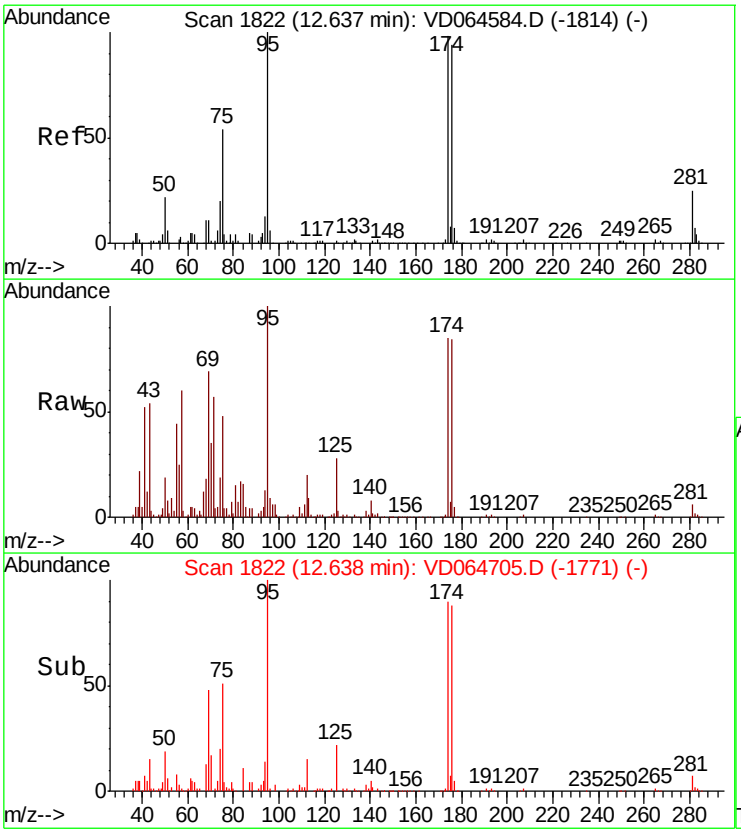
#50
Toluene-d8
Concen: 52.314 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Instrument : MSVOA_D
ClientSampleId : K500-2

Tgt Ion: 98 Resp: 914551

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5

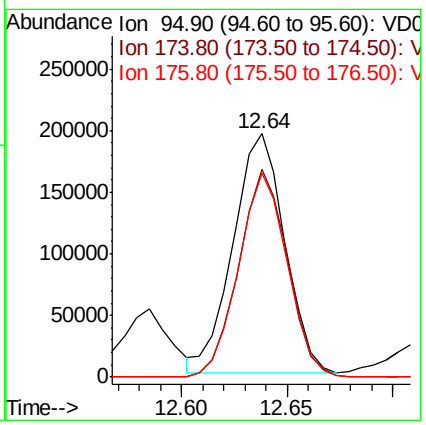


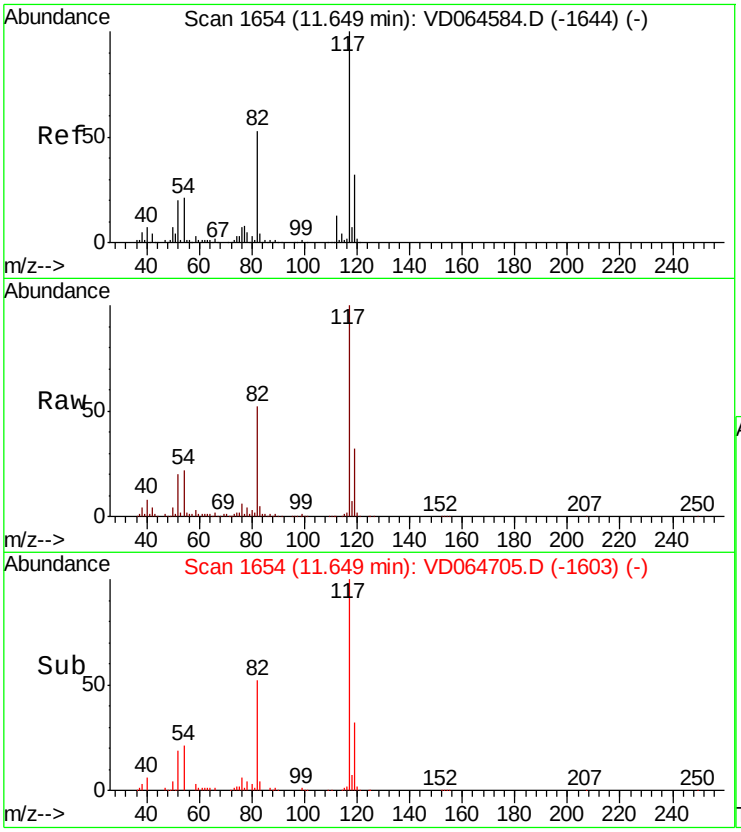


#62
4-Bromofluorobenzene
Concen: 59.122 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Tgt Ion: 95 Resp: 326823

Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	193.2
176	81.1	0.0	184.2



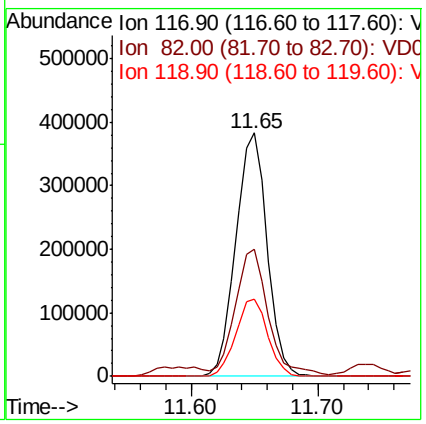


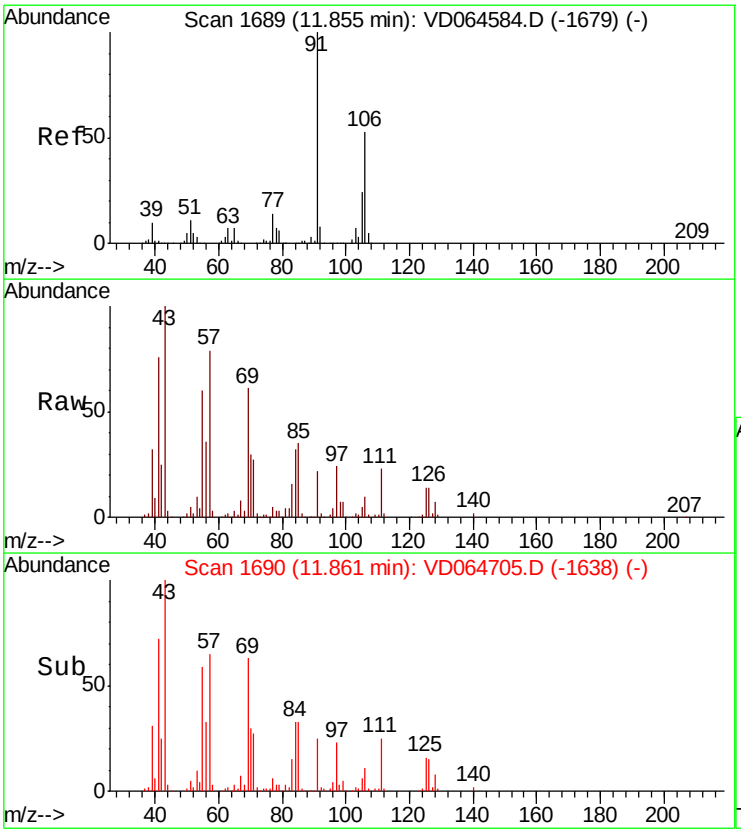
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Instrument : MSVOA_D
ClientSampleId : K500-2

Tgt Ion:117 Resp: 655217

Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.2	63.4
119	31.5	26.0	39.0

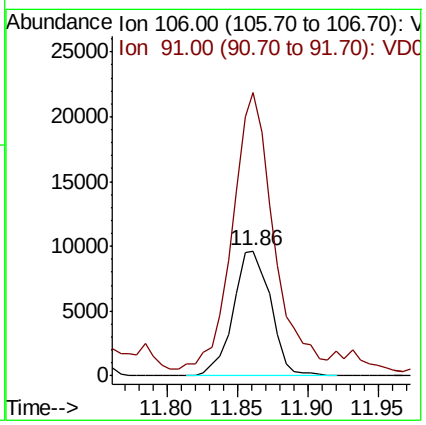


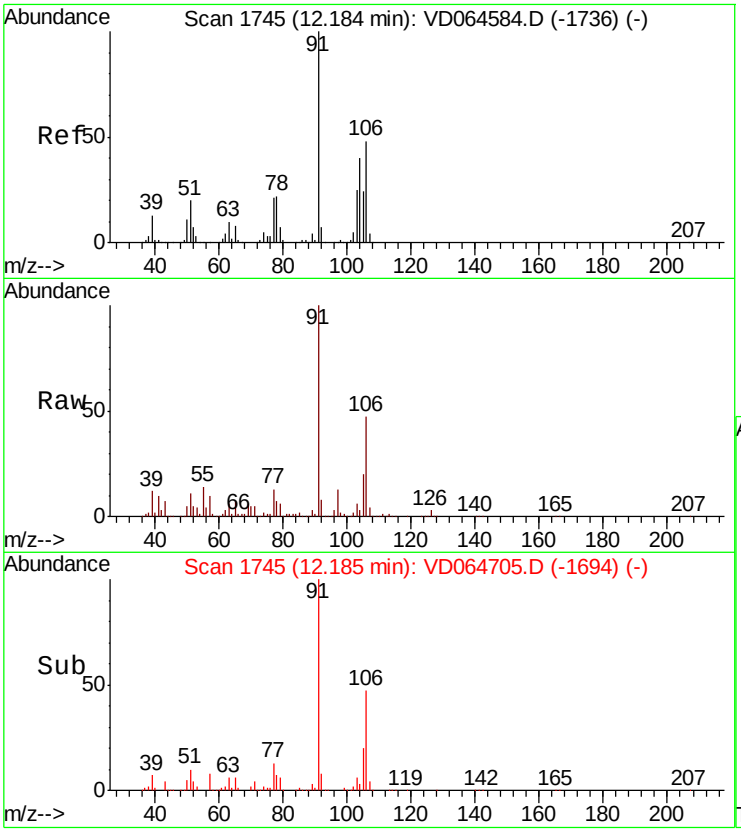


#68
m/p-Xylenes
Concen: 1.883 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Tgt Ion:106 Resp: 17941

Ion	Ratio	Lower	Upper
106	100		
91	246.7	156.3	234.5#



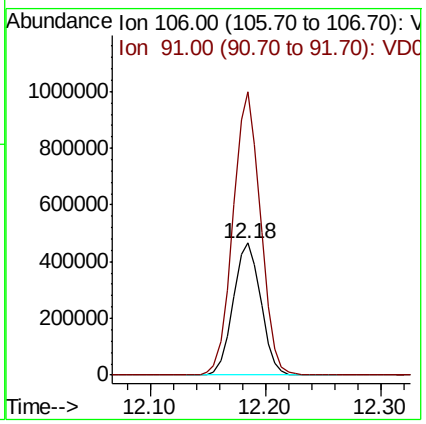


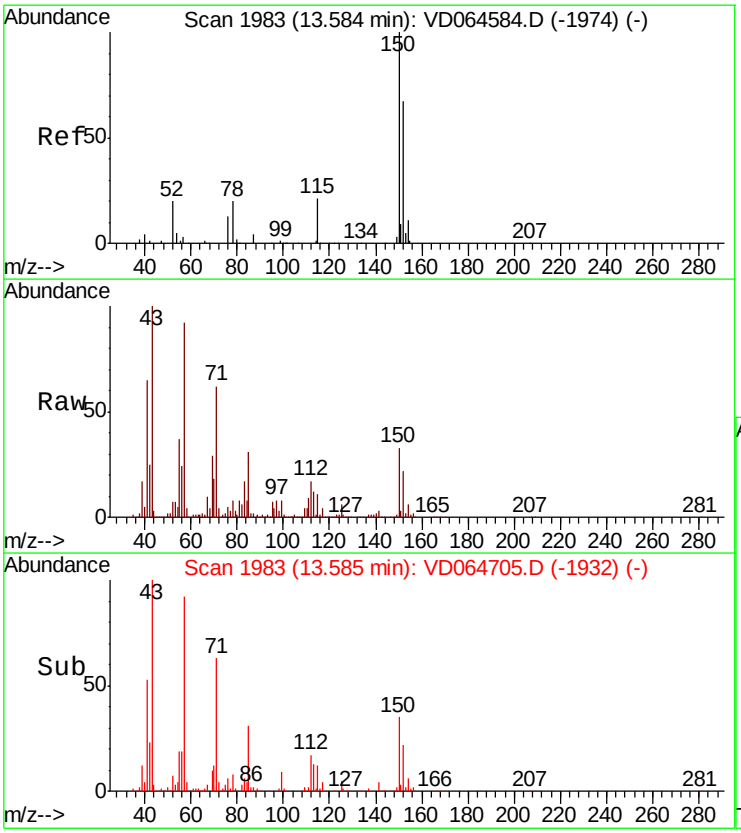
#69
o-Xylene
Concen: 89.381 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
K500-2

Tgt Ion:106 Resp: 769157

Ion	Ratio	Lower	Upper
106	100		
91	214.5	104.8	314.4

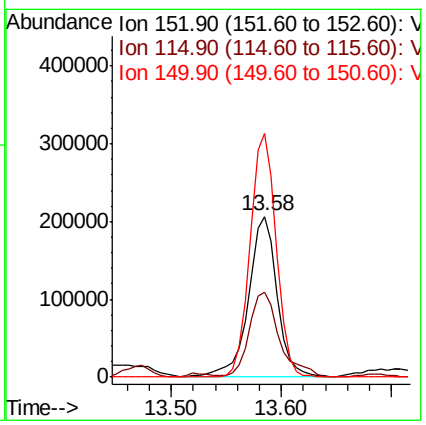


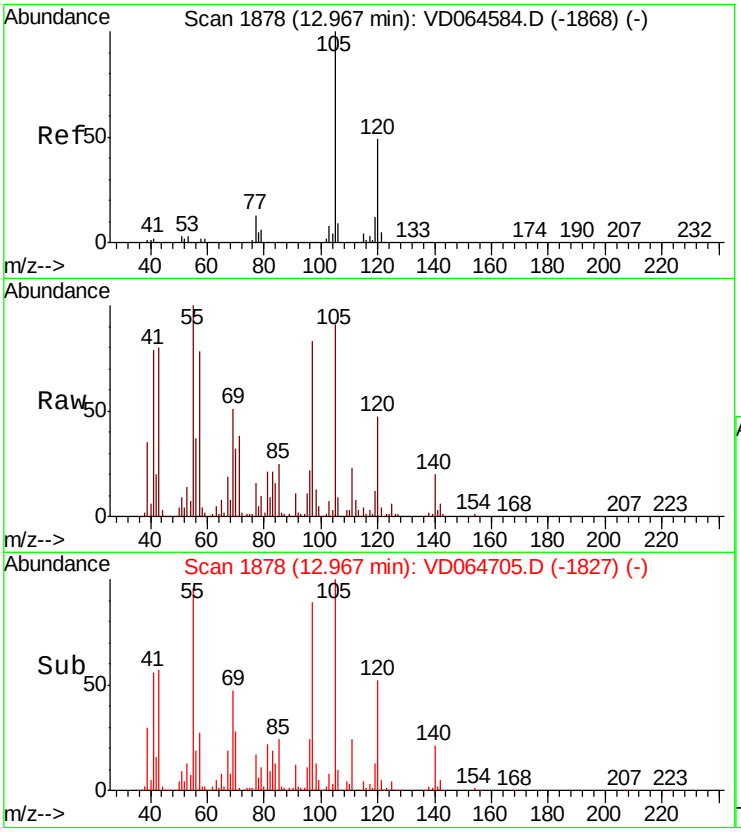


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Tgt Ion:152 Resp: 372237

Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.4
150	139.2	0.0	351.4



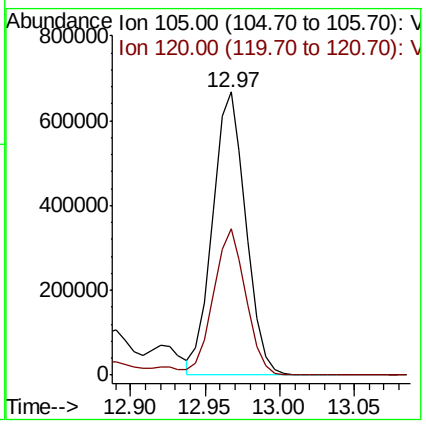


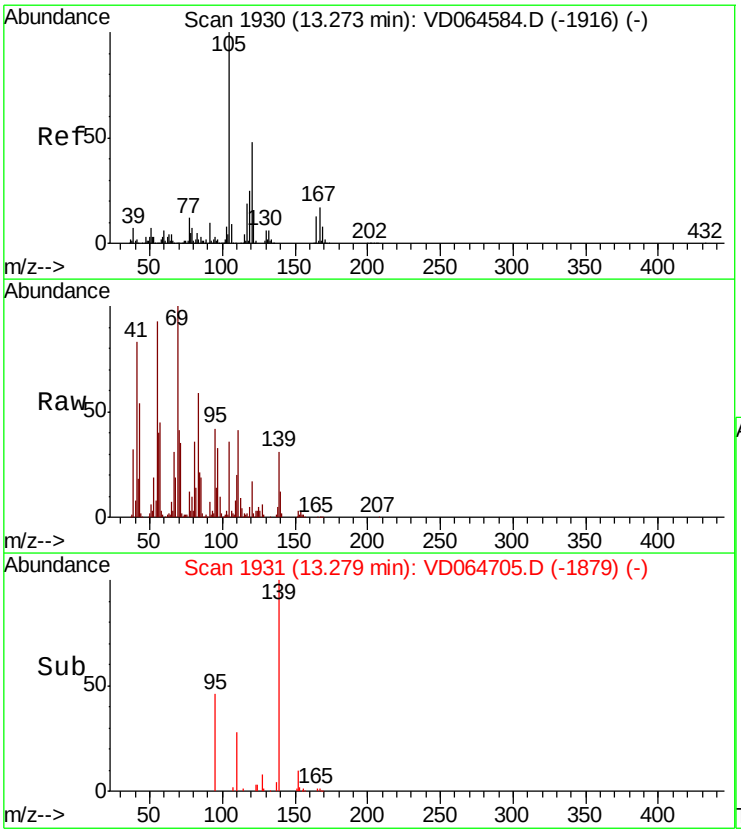
#80
1,3,5-Trimethylbenzene
Concen: 47.428 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
K500-2

Tgt Ion:105 Resp: 1036369

Ion	Ratio	Lower	Upper
105	100		
120	50.3	25.0	75.0

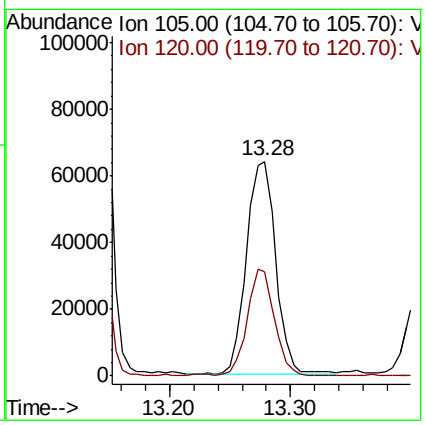


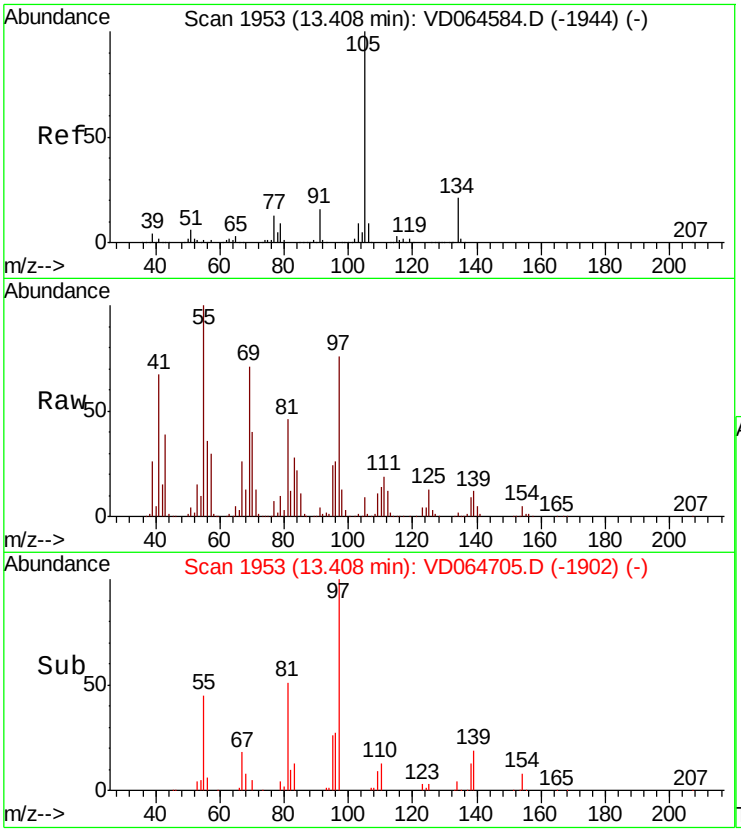


#84
1,2,4-Trimethylbenzene
Concen: 4.994 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Tgt Ion:105 Resp: 108675

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.8	71.2



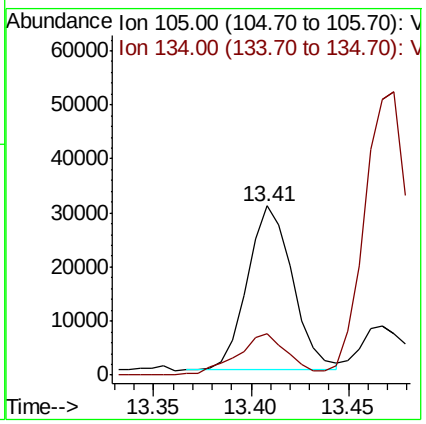


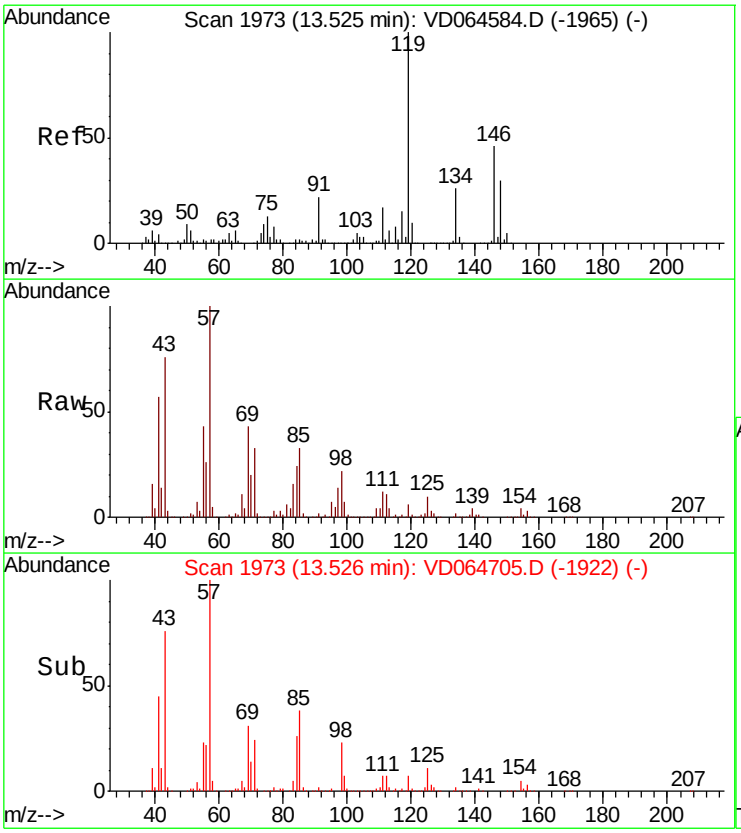
#85
sec-Butylbenzene
Concen: 1.866 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
K500-2

Tgt Ion:105 Resp: 48540

Ion	Ratio	Lower	Upper
105	100		
134	29.1	10.6	31.8





#86
p-Isopropyltoluene
Concen: 2.800 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VD064705.D
Acq: 31 Dec 2019 20:05

Tgt Ion:119 Resp: 69637

Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.4	40.1
91	23.1	11.2	33.6