Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
Data File : VD064799.D
Acq On : 07 Jan 2020 18:11
Operator : VA/SY
Sample : L1016-01
Misc : 8.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-02-010720

Quant Time: Jan 08 08:25:06 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	439943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	687332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	582659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	263368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	186408	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.10%			
35) Dibromofluoromethane	7.92	113	209065	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.16%			
50) Toluene-d8	10.34	98	821166	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.70%			
62) 4-Bromofluorobenzene	12.64	95	236788	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.74%			
Target Compounds						Qvalue
16) Acetone	4.17	43	5142	9.731	ug/l	89
67) Ethyl Benzene	11.75	91	29281	1.334	ug/l	96
68) m/p-Xylenes	11.86	106	46655	5.507	ug/l	99
69) o-Xylene	12.18	106	37644	4.919	ug/l	99
73) Isopropylbenzene	12.48	105	21168	1.125	ug/l	95
78) n-propylbenzene	12.83	91	95694	4.358	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	108474	7.016	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	453984	29.484	ug/l	100
85) sec-Butylbenzene	13.41	105	51879	2.819	ug/l	91
86) p-Isopropyltoluene	13.53	119	33868	1.925	ug/l	95
89) n-Butylbenzene	13.85	91	71706	4.525	ug/l #	77
95) Naphthalene	15.41	128	82577	9.430	ug/l #	91

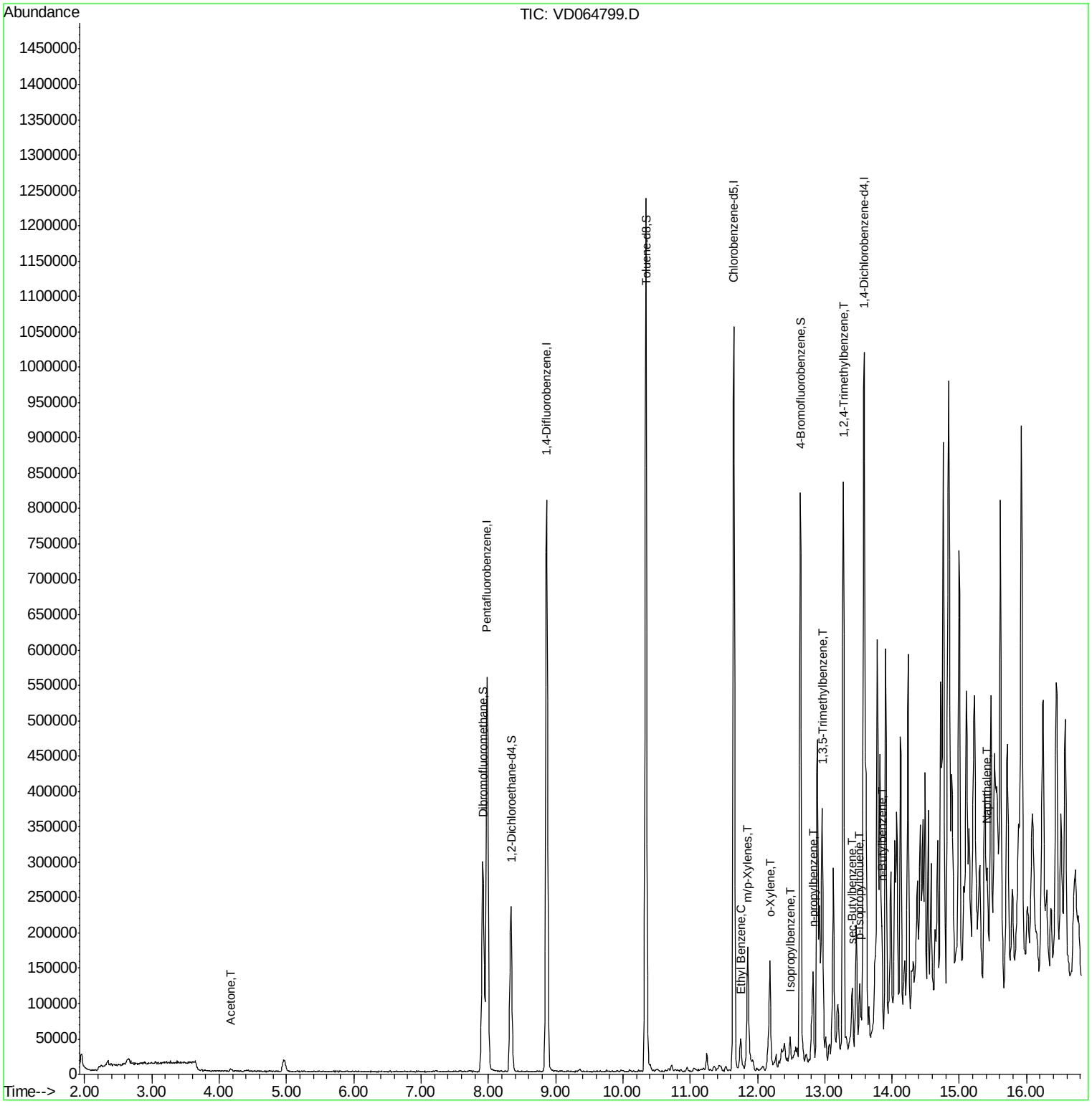
(#) = qualifier out of range (m) = manual integration (+) = signals summed

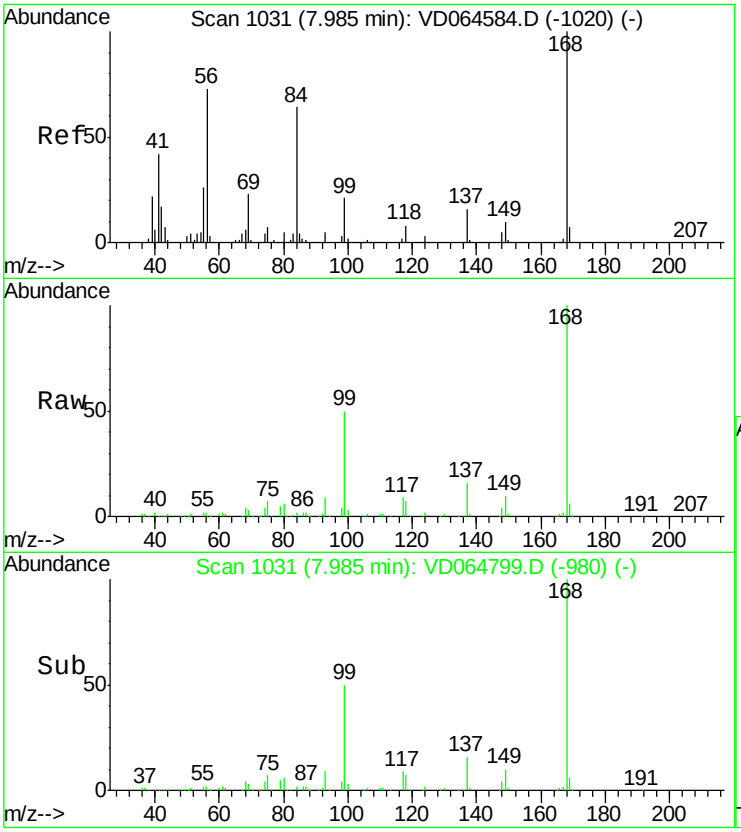
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
Data File : VD064799.D
Acq On : 07 Jan 2020 18:11
Operator : VA/SY
Sample : L1016-01
Misc : 8.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-02-010720

Quant Time: Jan 08 08:25:06 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



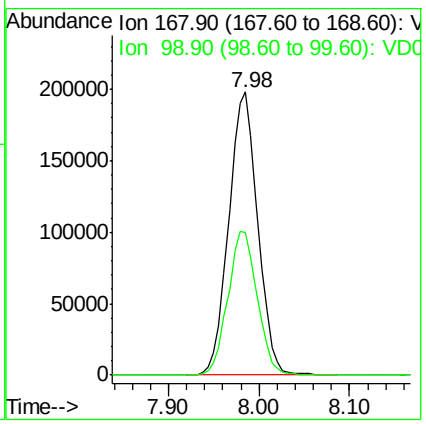


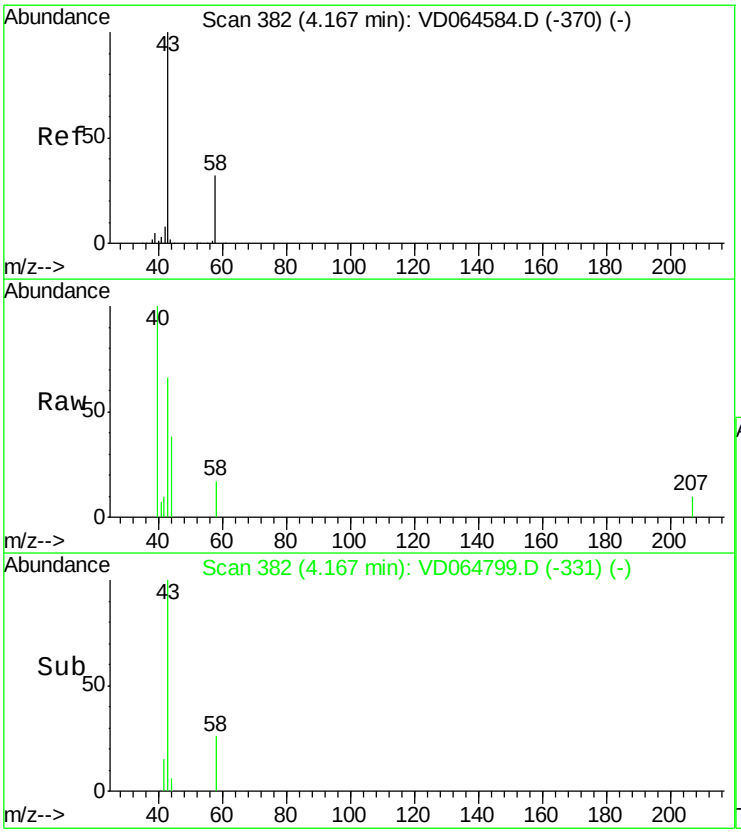
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Instrument :
MSVOA_D
ClientSampleId :
SU-02-010720

Tgt Ion:168 Resp: 439943

Ion	Ratio	Lower	Upper
168	100		
99	50.4	41.8	62.6

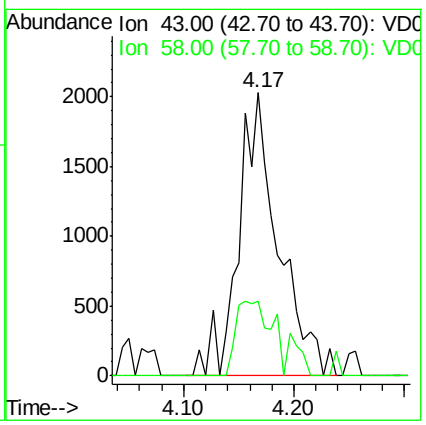


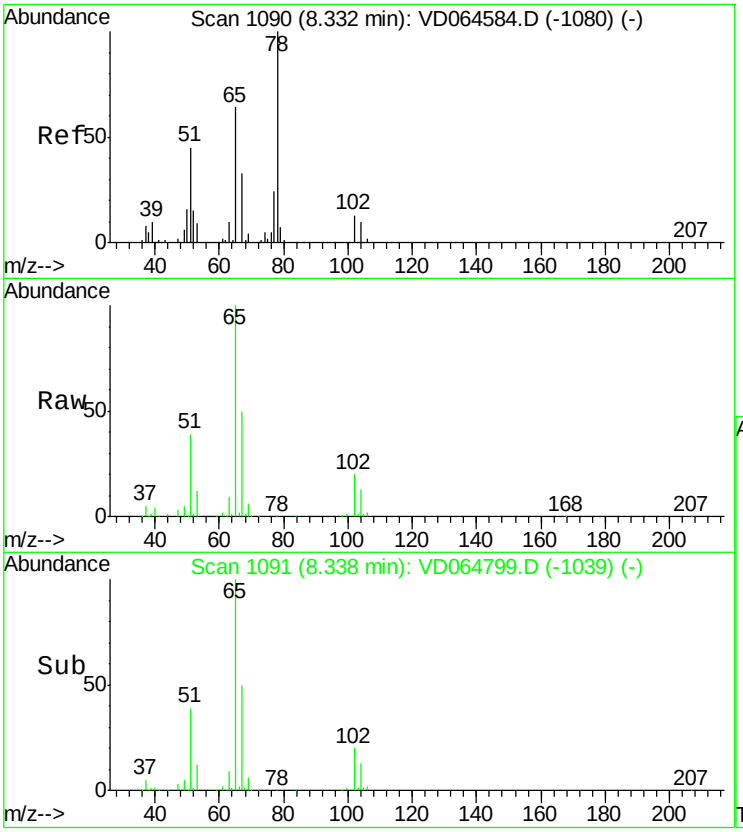


#16
Acetone
Concen: 9.731 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Tgt Ion: 43 Resp: 5142

Ion	Ratio	Lower	Upper
43	100		
58	26.2	25.8	38.6



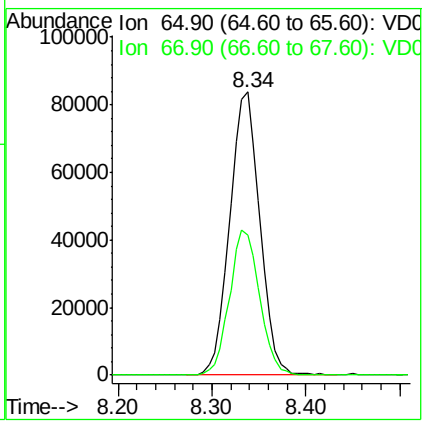


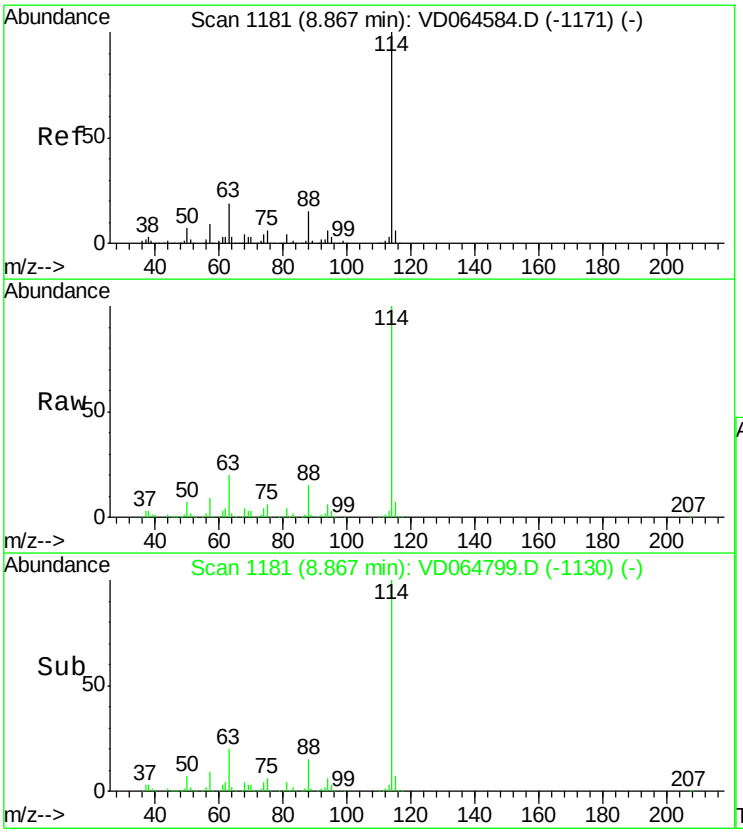
#33
1,2-Dichloroethane-d4
Concen: 48.051 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Instrument : MSVOA_D
ClientSampleId : SU-02-010720

Tgt Ion: 65 Resp: 186408

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.2

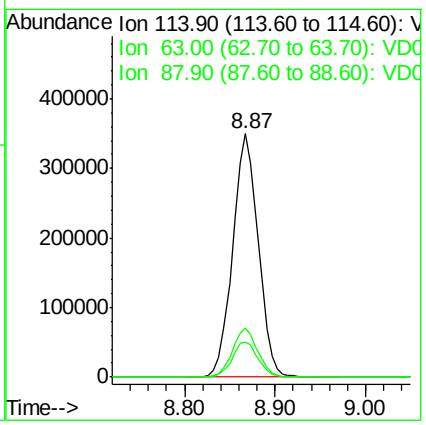


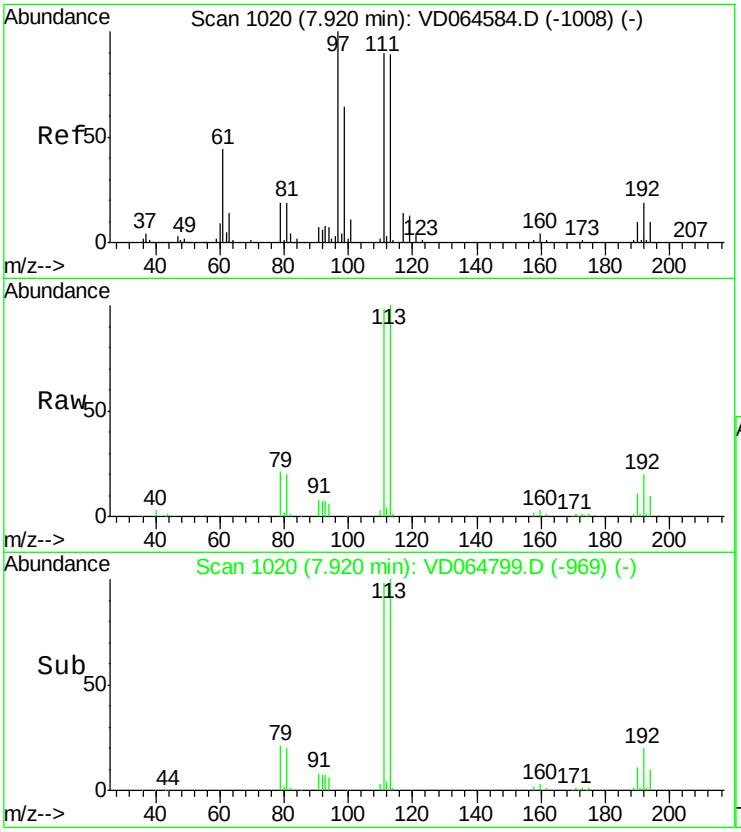


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Tgt Ion:114 Resp: 687332

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.0
88	14.5	0.0	29.2



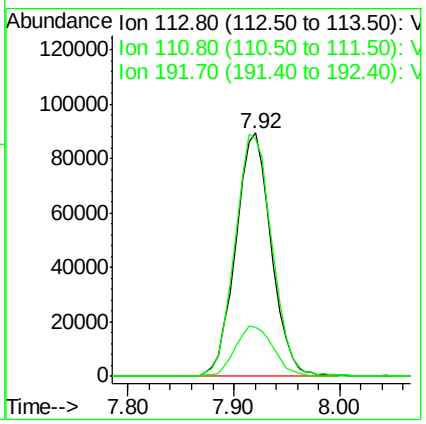


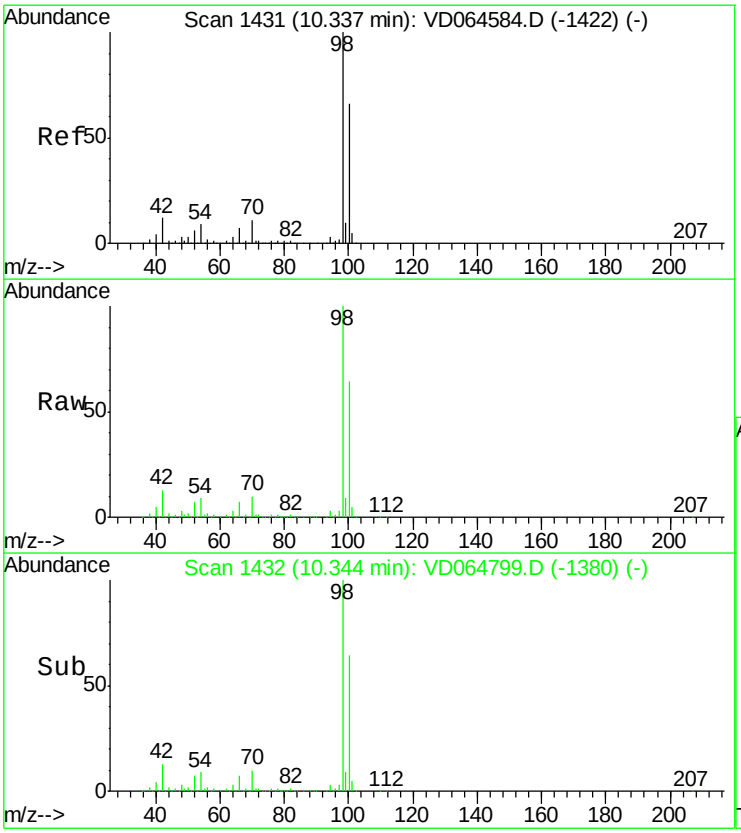
#35
Dibromofluoromethane
Concen: 49.578 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Instrument : MSVOA_D
ClientSampleId : SU-02-010720

Tgt Ion:113 Resp: 209065

Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.6	121.0
192	22.1	17.9	26.9

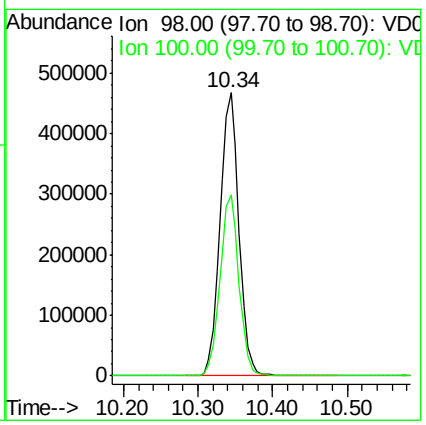


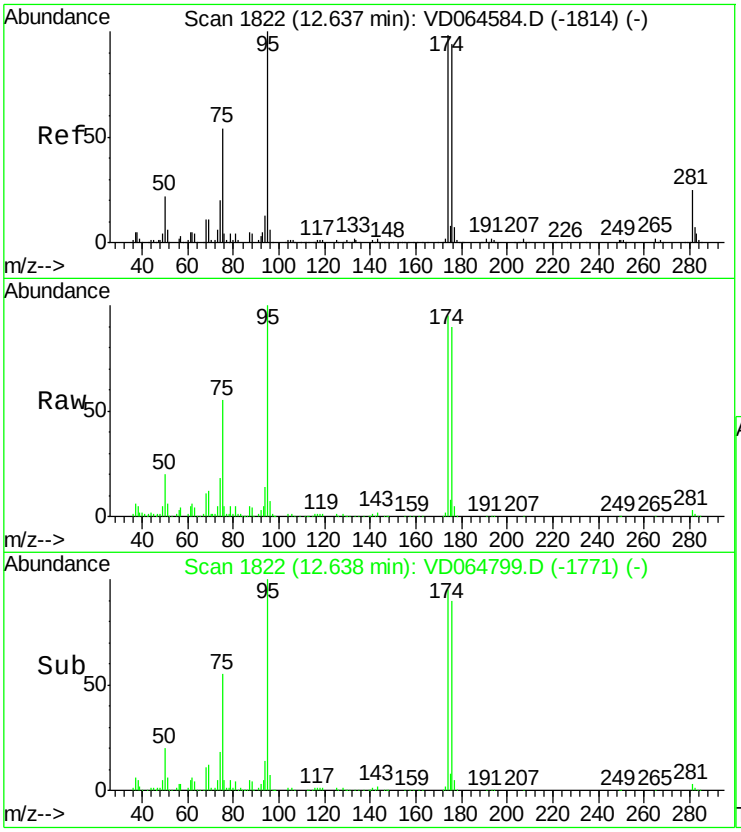


#50
Toluene-d8
Concen: 50.845 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Tgt Ion: 98 Resp: 821166

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5



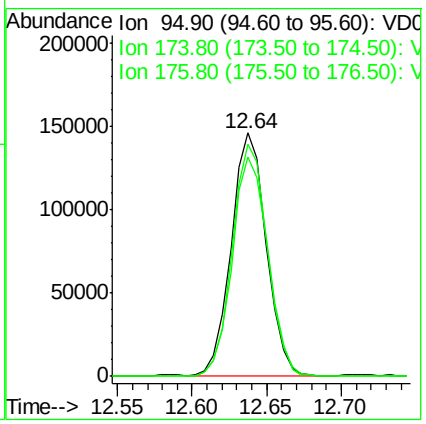


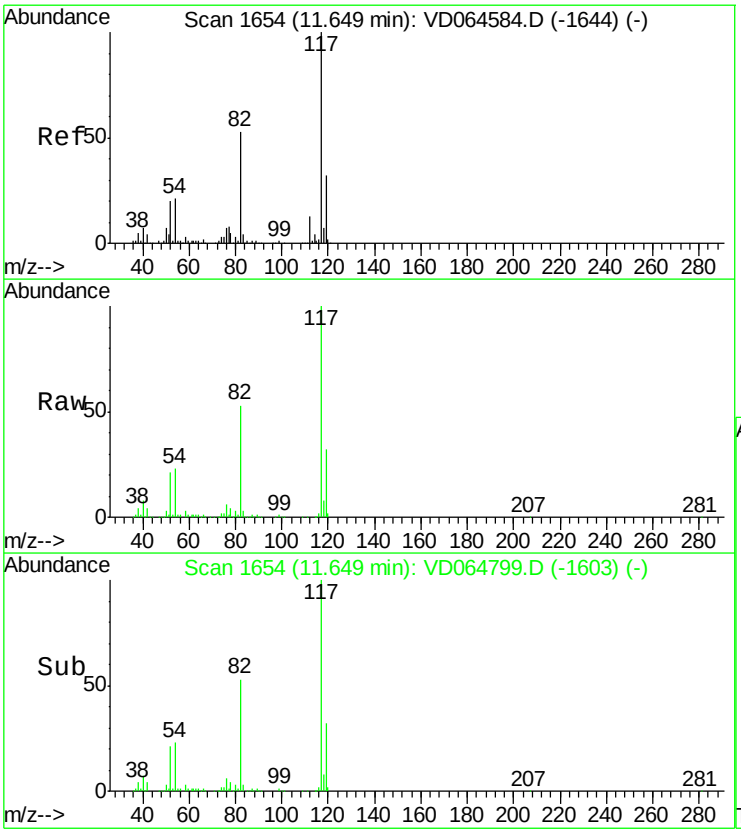
#62
4-Bromofluorobenzene
Concen: 46.366 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Instrument :
MSVOA_D
ClientSampleId :
SU-02-010720

Tgt Ion: 95 Resp: 236788

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	193.2
176	92.5	0.0	184.2

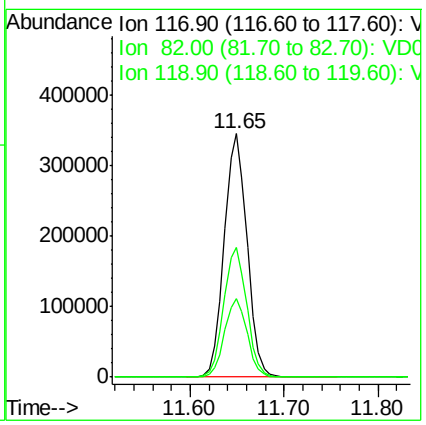


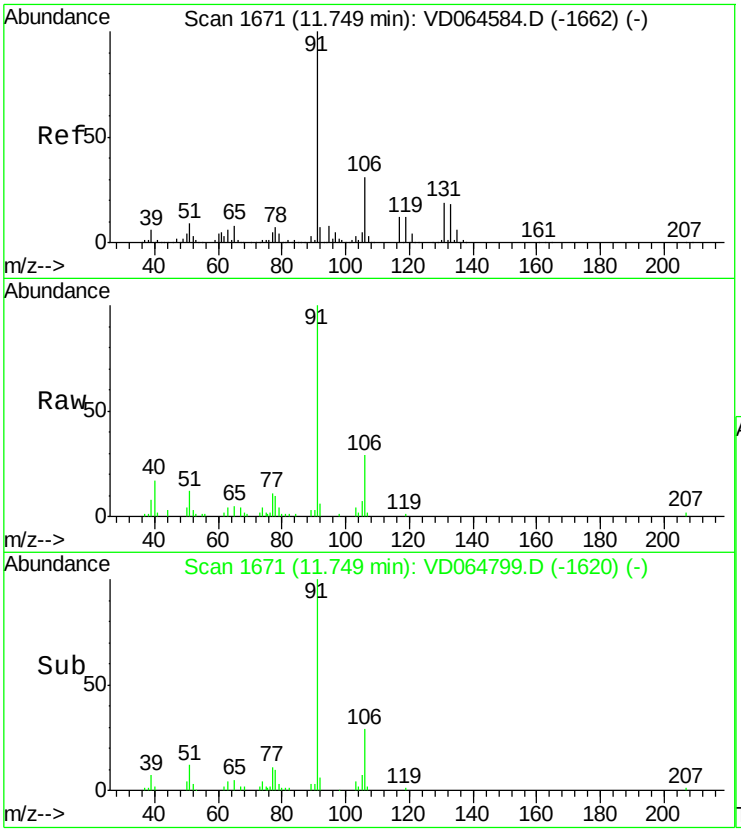


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Tgt Ion:117 Resp: 582659

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	32.5	26.0	39.0



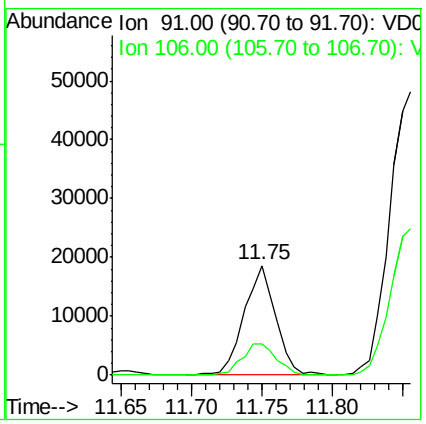


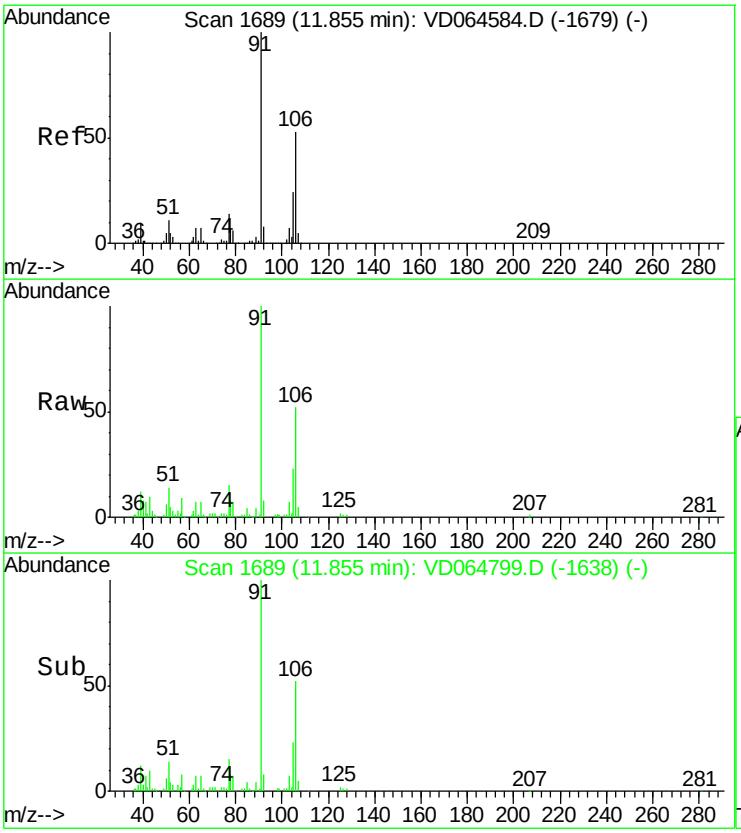
#67
Ethyl Benzene
Concen: 1.334 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Instrument :
MSVOA_D
ClientSampleId :
SU-02-010720

Tgt Ion: 91 Resp: 29281

Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.6	36.8

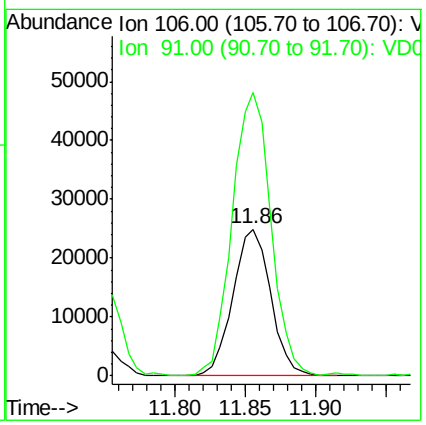


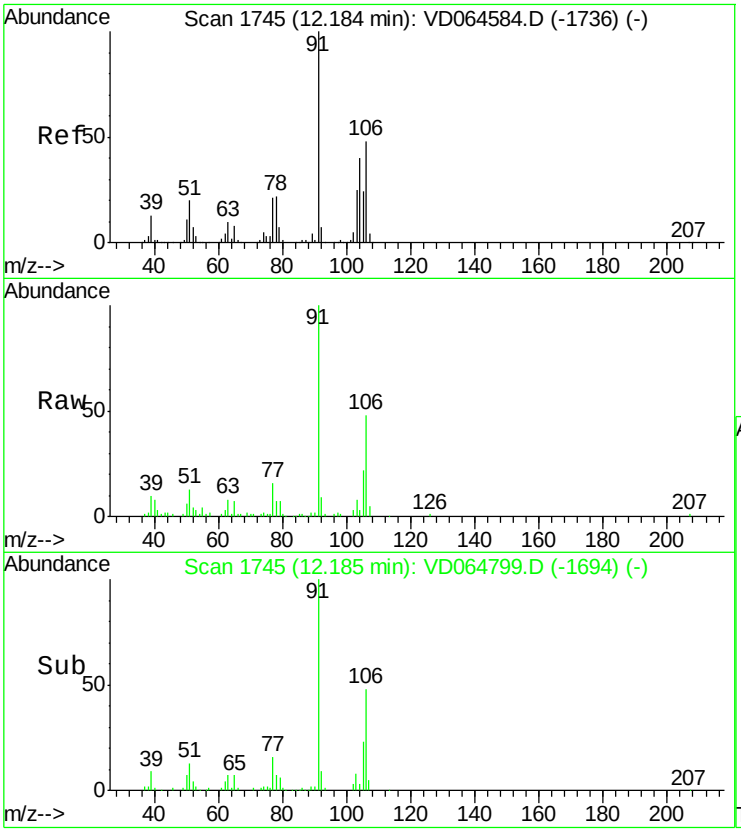


#68
m/p-Xylenes
Concen: 5.507 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Tgt Ion:106 Resp: 46655

Ion	Ratio	Lower	Upper
106	100		
91	197.5	156.3	234.5



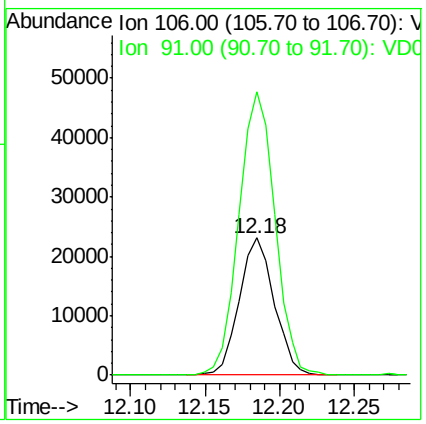


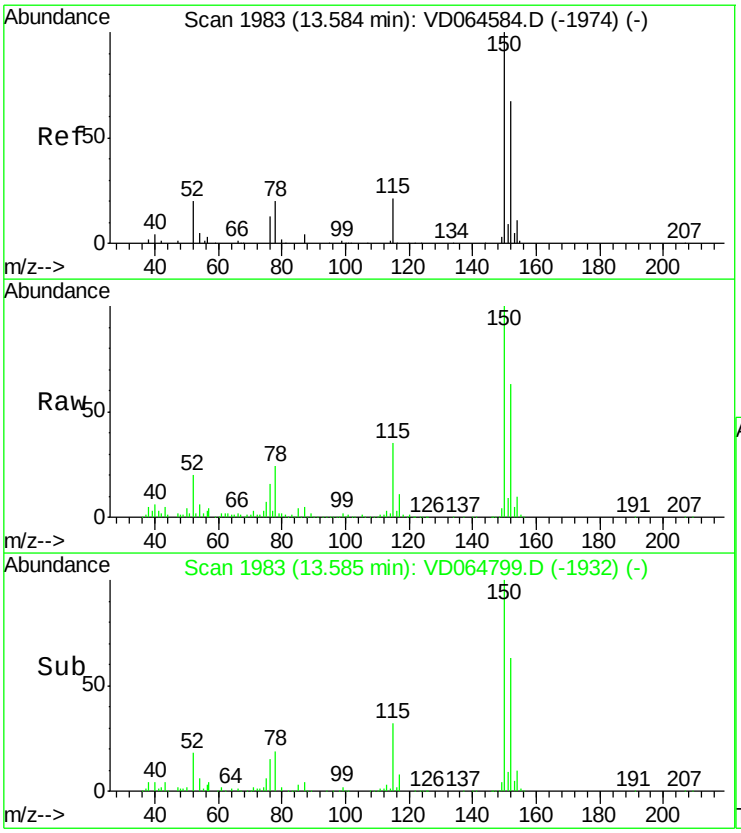
#69
o-Xylene
Concen: 4.919 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Instrument :
MSVOA_D
ClientSampleId :
SU-02-010720

Tgt Ion:106 Resp: 37644

Ion	Ratio	Lower	Upper
106	100		
91	211.8	104.8	314.4

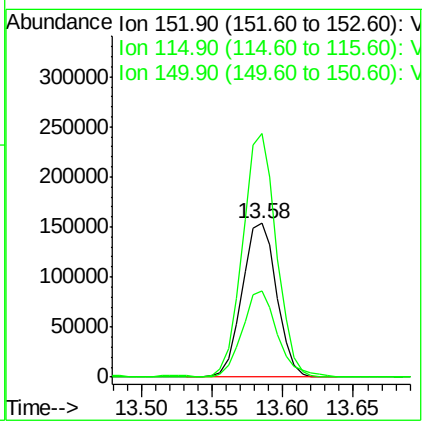


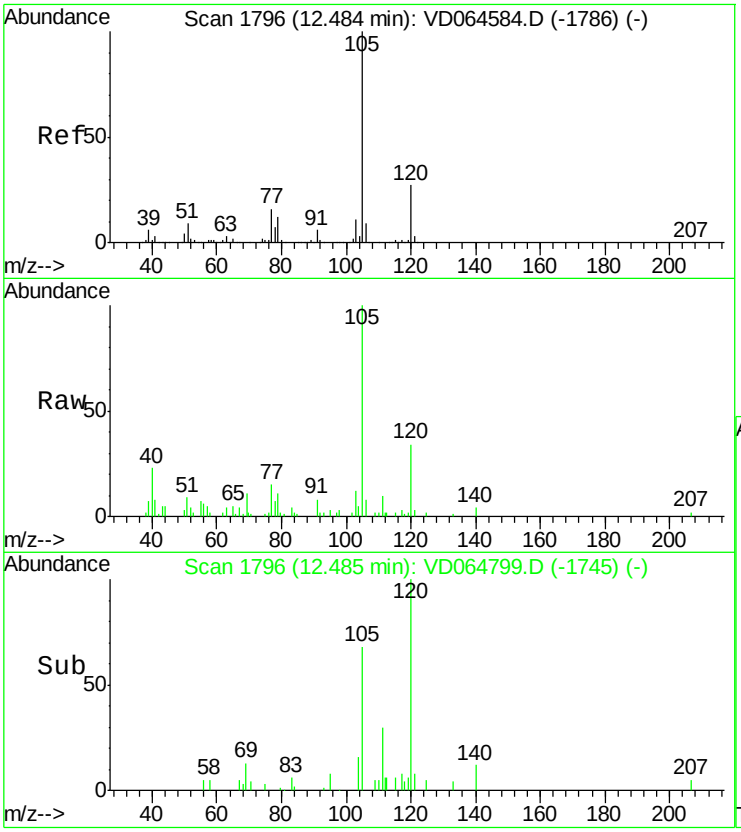


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Tgt Ion:152 Resp: 263368

Ion	Ratio	Lower	Upper
152	100		
115	57.6	27.8	83.4
150	154.6	0.0	351.4



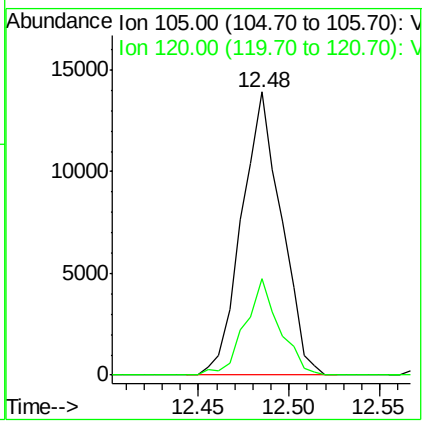


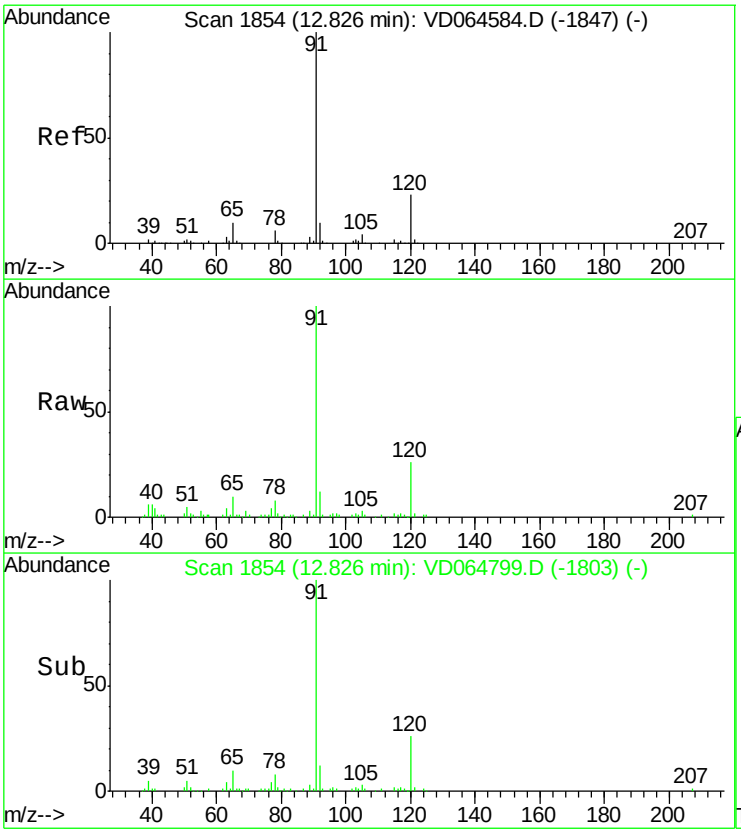
#73
Isopropylbenzene
Concen: 1.125 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Instrument : MSVOA_D
ClientSampleId : SU-02-010720

Tgt Ion:105 Resp: 21168

Ion	Ratio	Lower	Upper
105	100		
120	29.5	13.5	40.5

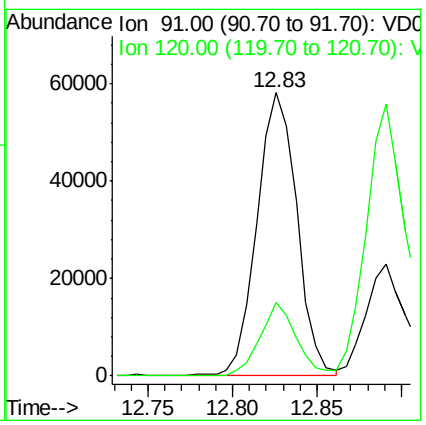


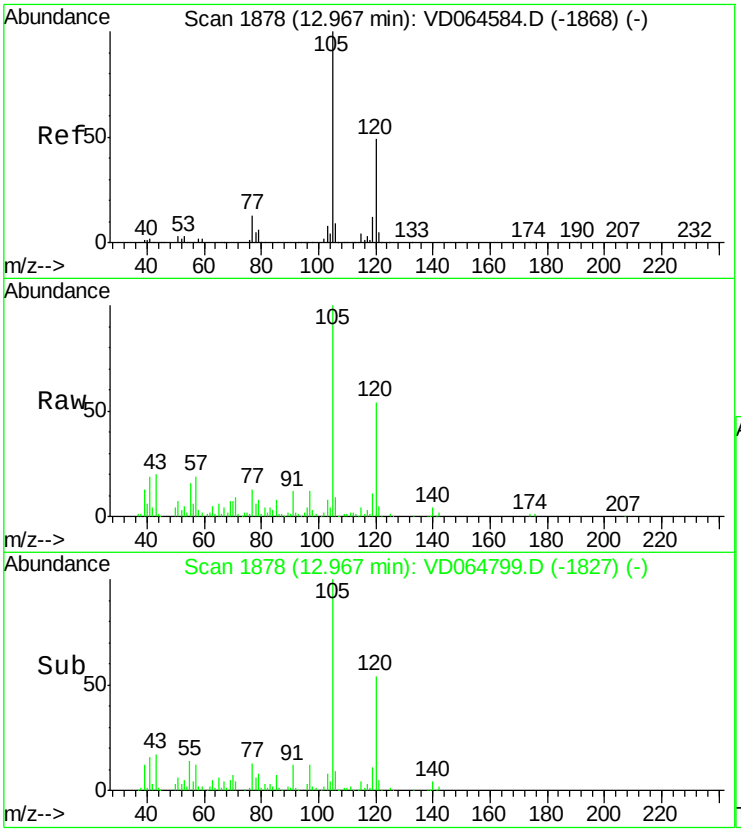


#78
n-propylbenzene
Concen: 4.358 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Tgt Ion: 91 Resp: 95694

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.9	35.9



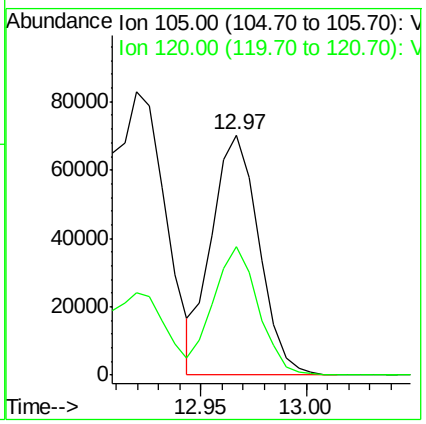


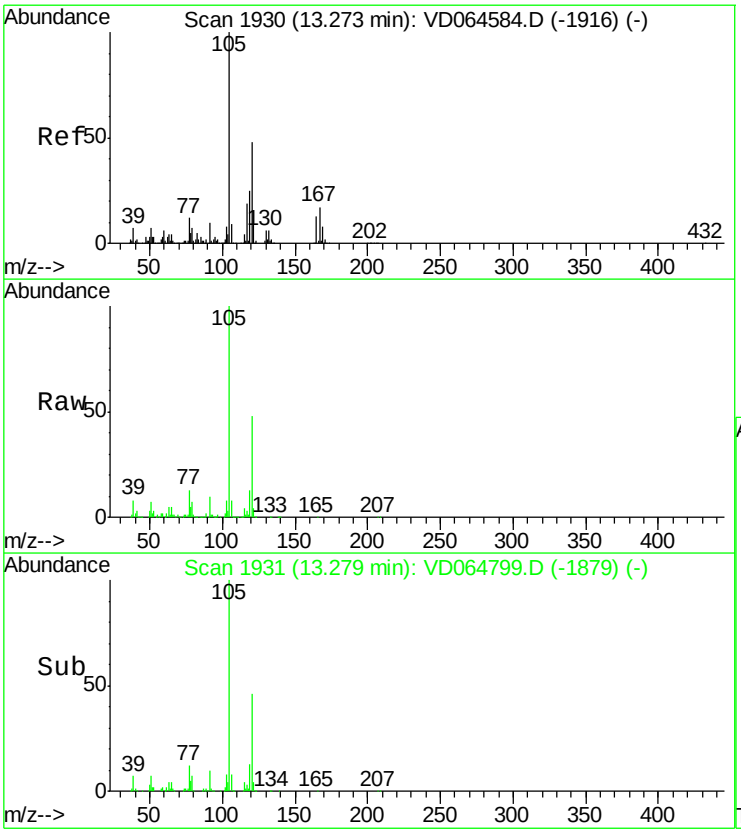
#80
1,3,5-Trimethylbenzene
Concen: 7.016 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Instrument :
MSVOA_D
ClientSampleId :
SU-02-010720

Tgt Ion:105 Resp: 108474

Ion	Ratio	Lower	Upper
105	100		
120	51.6	25.0	75.0

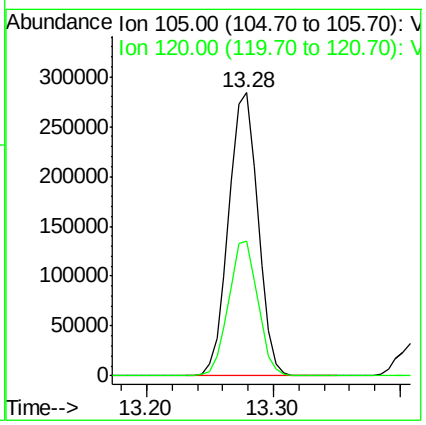


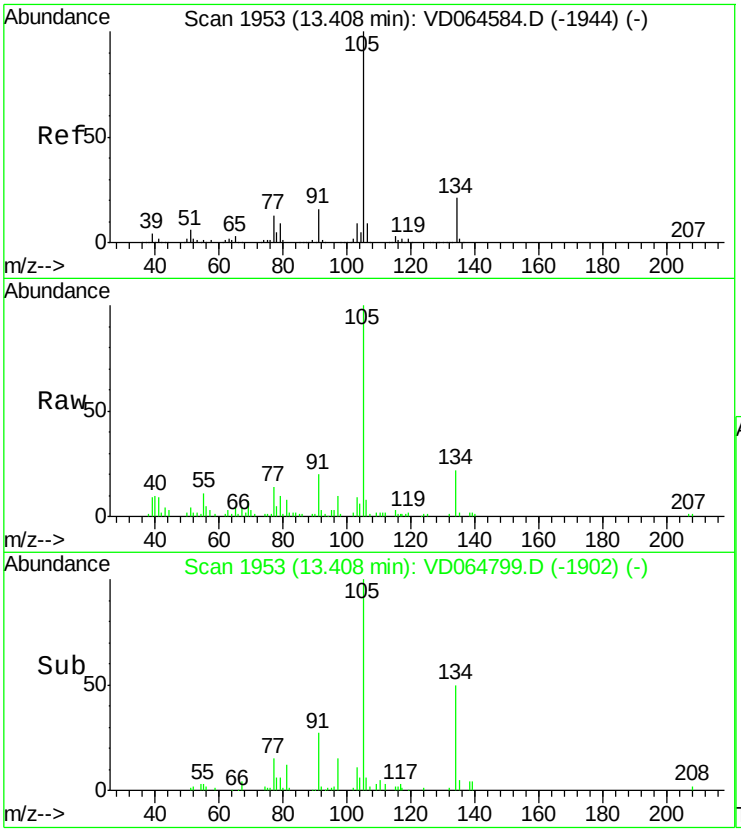


#84
1,2,4-Trimethylbenzene
Concen: 29.484 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Tgt Ion:105 Resp: 453984

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.8	71.2



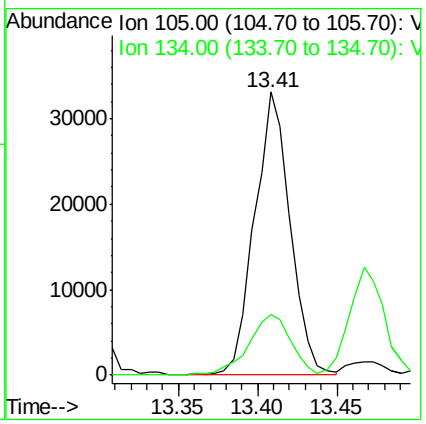


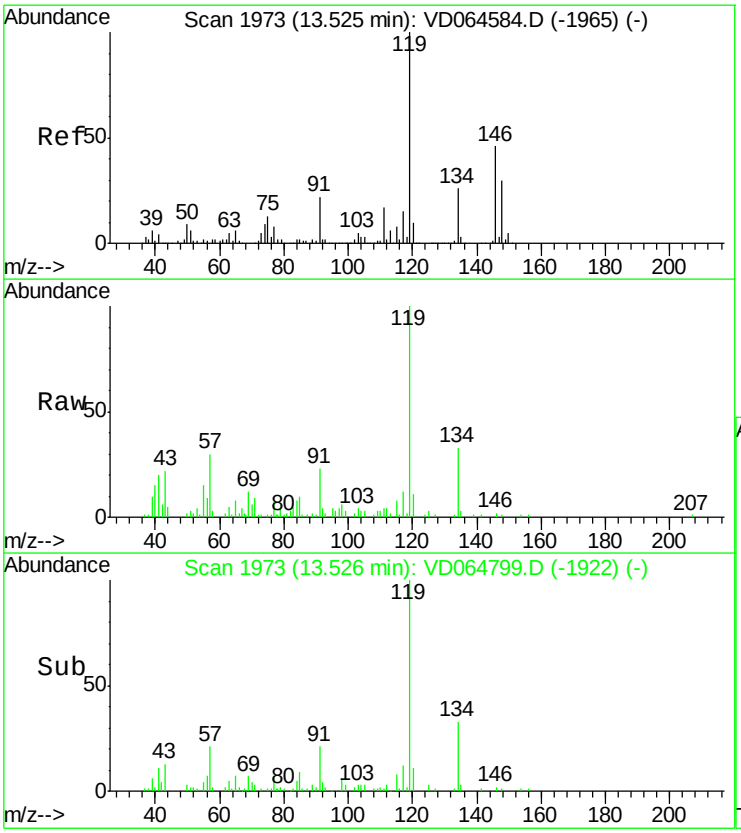
#85
sec-Butylbenzene
Concen: 2.819 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Instrument :
MSVOA_D
ClientSampleId :
SU-02-010720

Tgt Ion:105 Resp: 51879

Ion	Ratio	Lower	Upper
105	100		
134	25.6	10.6	31.8

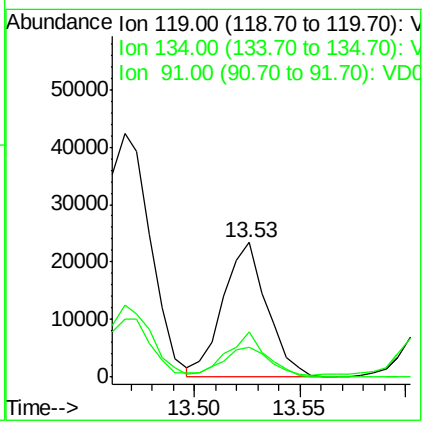


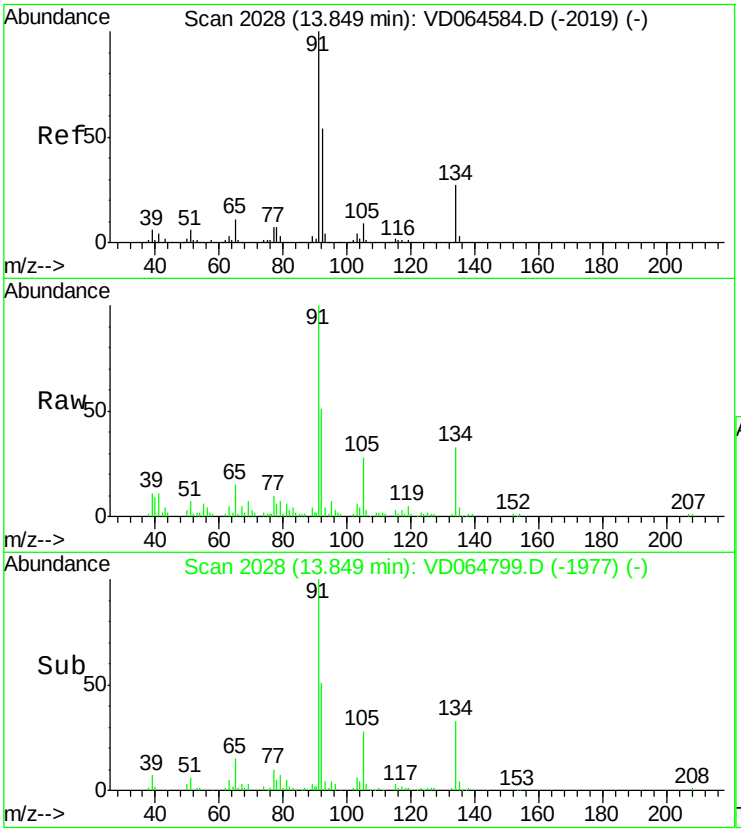


#86
p-Isopropyltoluene
Concen: 1.925 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Tgt Ion:119 Resp: 33868

Ion	Ratio	Lower	Upper
119	100		
134	29.7	13.4	40.1
91	20.9	11.2	33.6



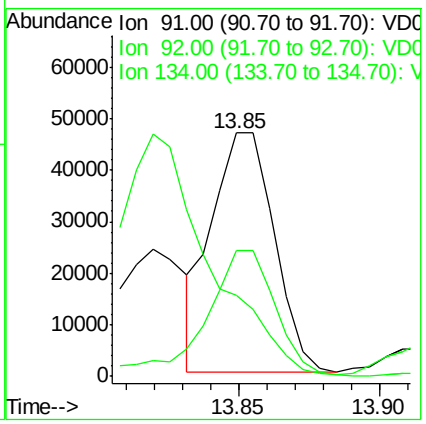


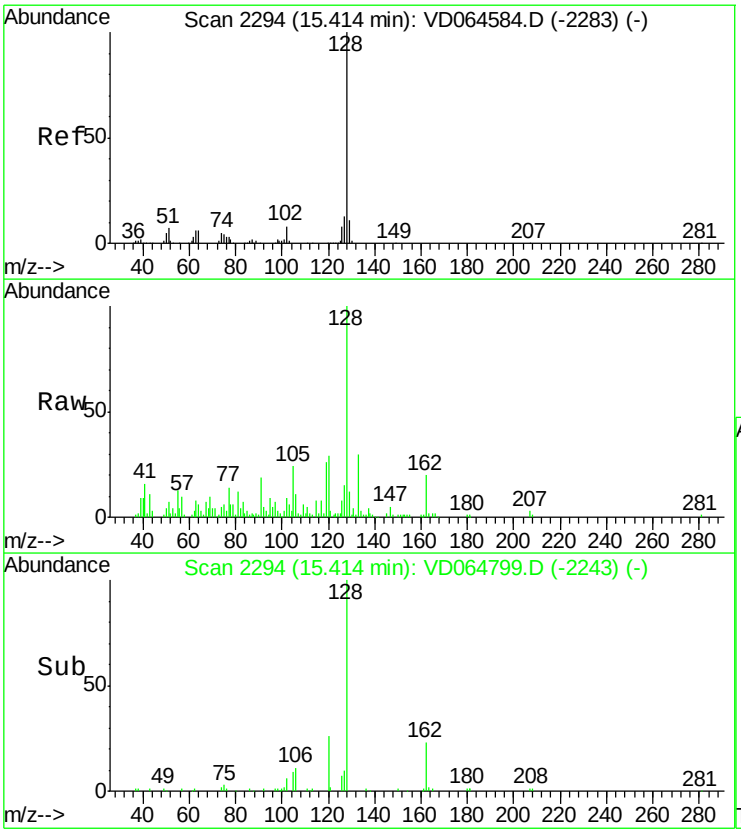
#89
n-Butylbenzene
Concen: 4.525 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Instrument : MSVOA_D
ClientSampleId : SU-02-010720

Tgt Ion: 91 Resp: 71706

Ion	Ratio	Lower	Upper
91	100		
92	58.6	26.8	80.4
134	0.0	14.0	41.9#





#95
Naphthalene
Concen: 9.430 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064799.D
Acq: 07 Jan 2020 18:11

Tgt Ion:128 Resp: 82577

Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.3	15.5#
129	14.6	8.5	12.7#