Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010220\
Data File : VD064713.D
Acq On : 02 Jan 2020 13:08
Operator : VA/SY
Sample : K6113-16
Misc : 8.16G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-02-123119

Quant Time: Jan 03 00:56:25 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	559435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	833592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	739418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	343271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	248534	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.76%			
35) Dibromofluoromethane	7.92	113	257664	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.76%			
50) Toluene-d8	10.34	98	995089	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.60%			
62) 4-Bromofluorobenzene	12.64	95	308352	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.58%			
Target Compounds						Qvalue
16) Acetone	4.16	43	7273	10.354	ug/l #	79
30) Chloroform	7.71	83	13356	1.385	ug/l	98
52) Toluene	10.40	92	247937	17.254	ug/l	99
67) Ethyl Benzene	11.75	91	65463	2.350	ug/l	100
68) m/p-Xylenes	11.86	106	97548	9.073	ug/l	99
69) o-Xylene	12.18	106	31970	3.292	ug/l	97
95) Naphthalene	15.41	128	52185	4.572	ug/l	98

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

Quantitation Report (QT Reviewed)

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Acq On : 02 Jan 2020 13:08
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Instrument :
MSVOA_D
ClientSampleId :
OR-02-123119

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
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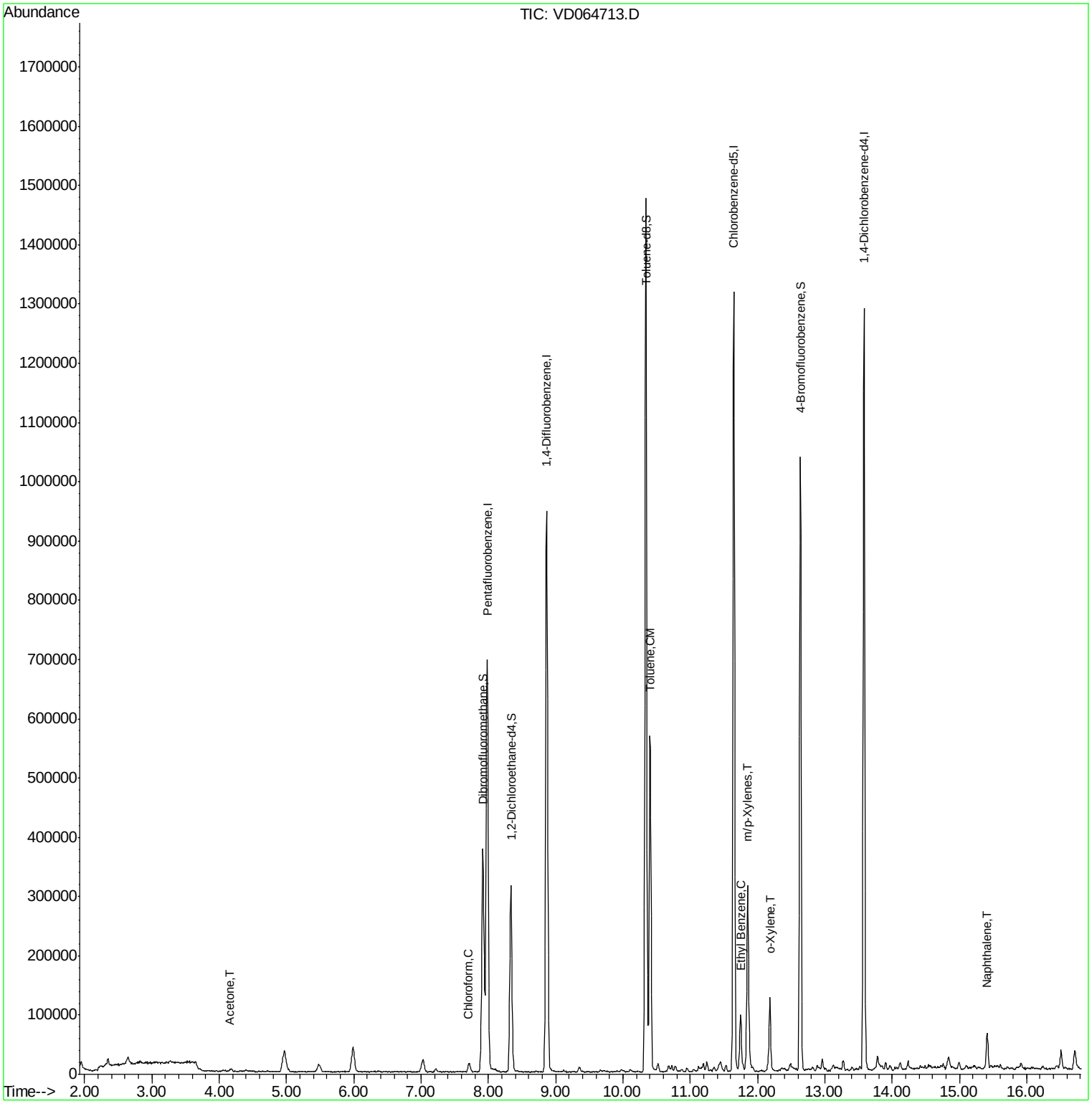
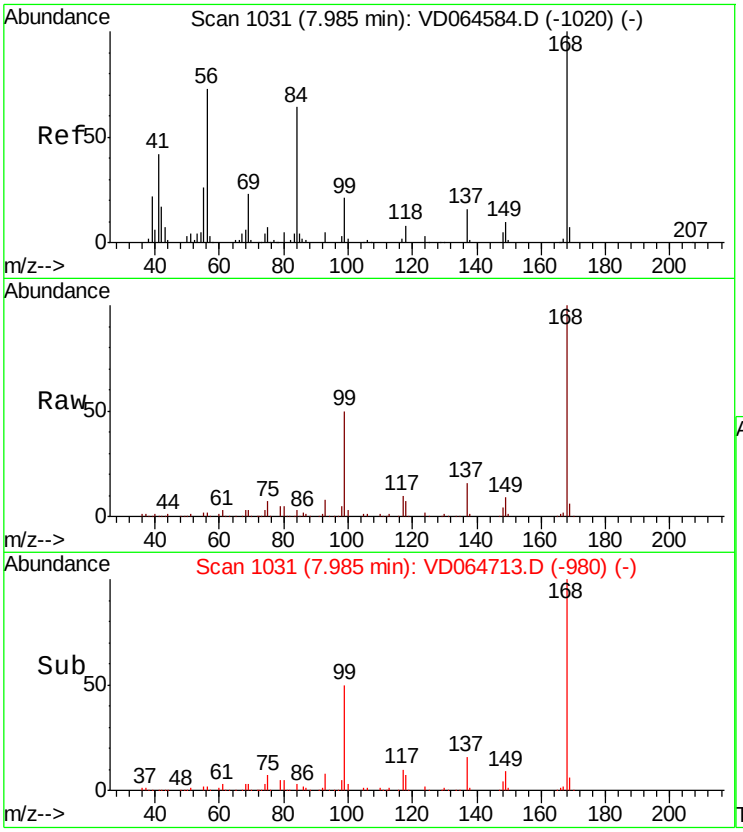
Response via : Initial Calibration



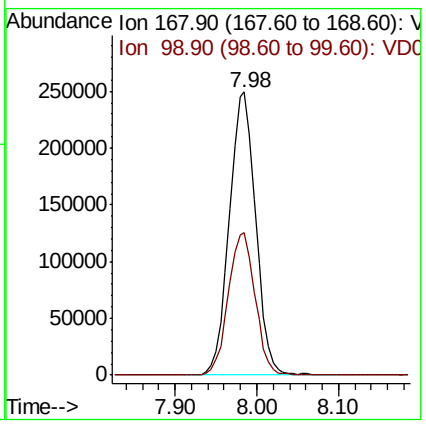


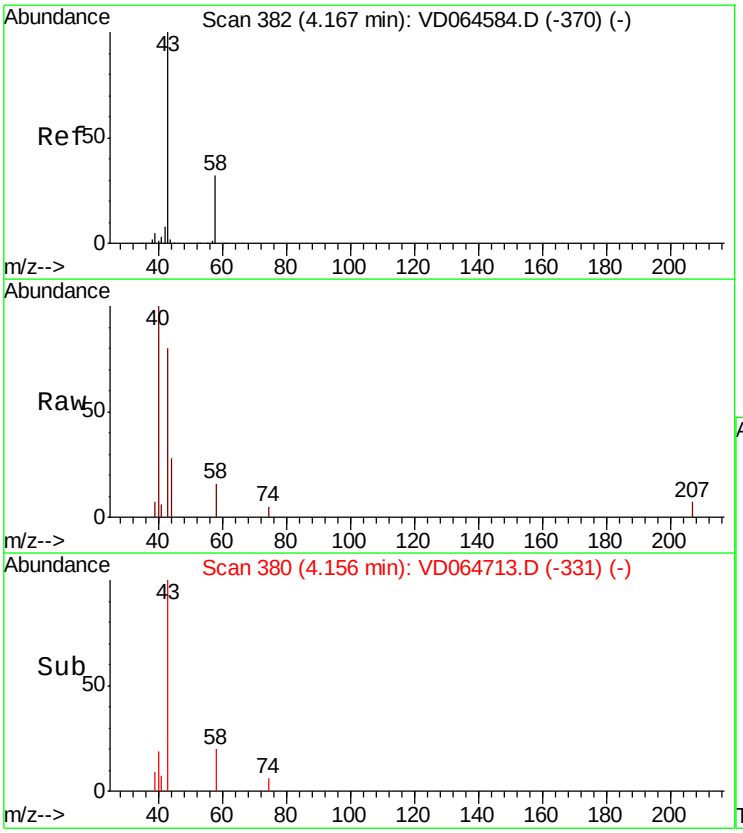
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-123119

Tgt Ion:168 Resp: 559435

Ion	Ratio	Lower	Upper
168	100		
99	50.3	41.8	62.6

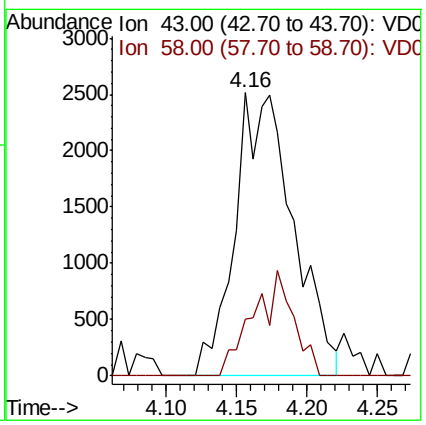


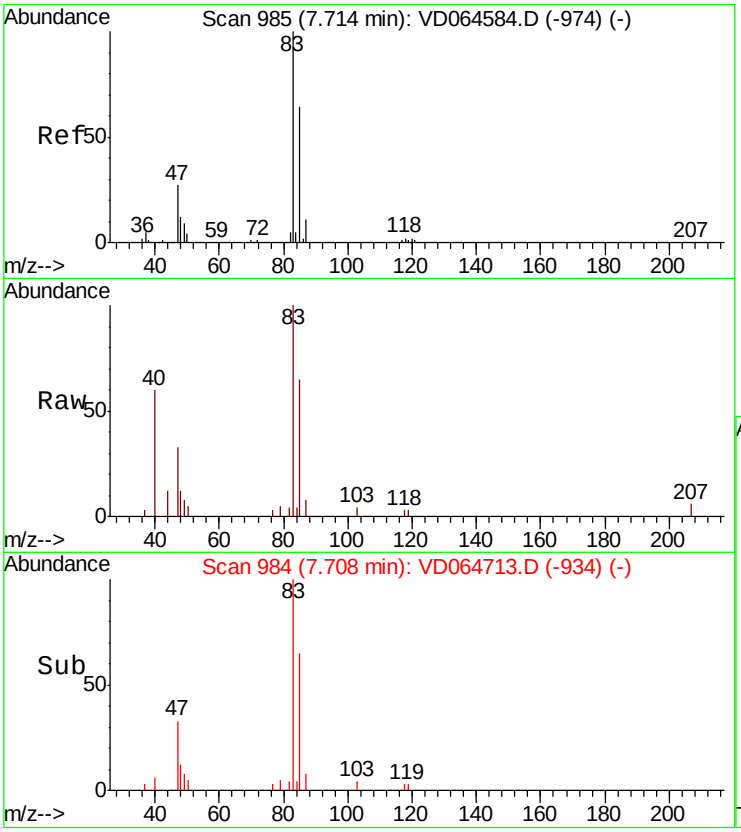


#16
Acetone
Concen: 10.354 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.01 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Tgt Ion: 43 Resp: 7273

Ion	Ratio	Lower	Upper
43	100		
58	20.3	25.8	38.6#



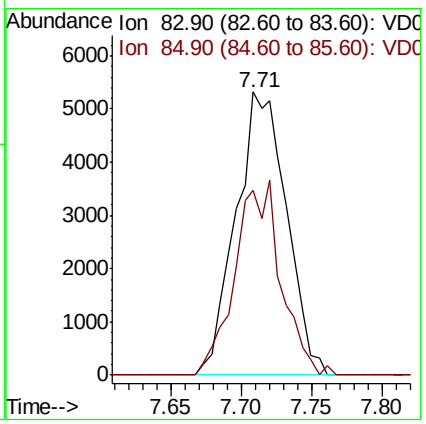


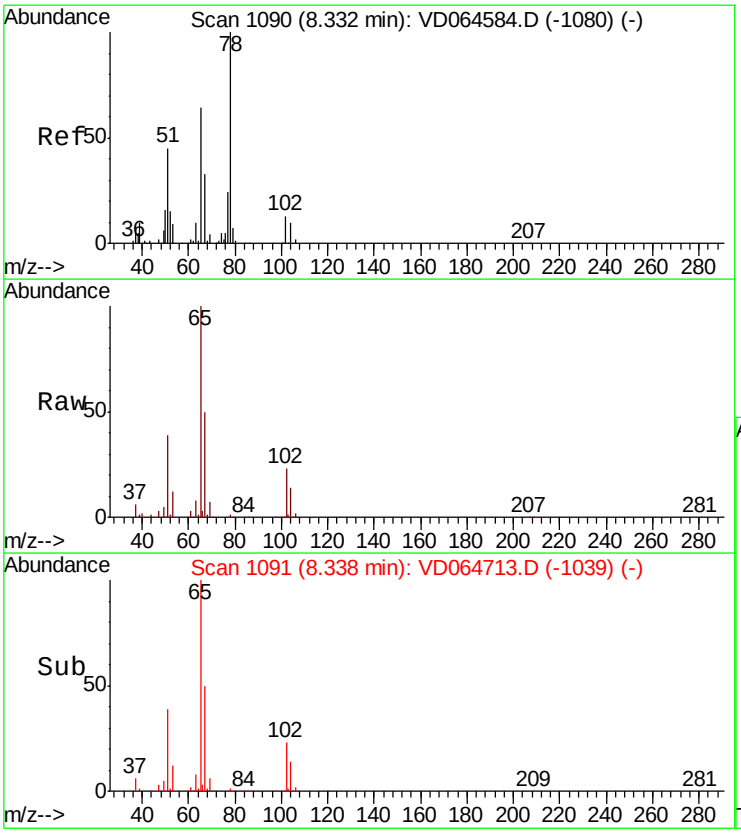
#30
Chloroform
Concen: 1.385 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-123119

Tgt Ion: 83 Resp: 13356

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.1	76.7

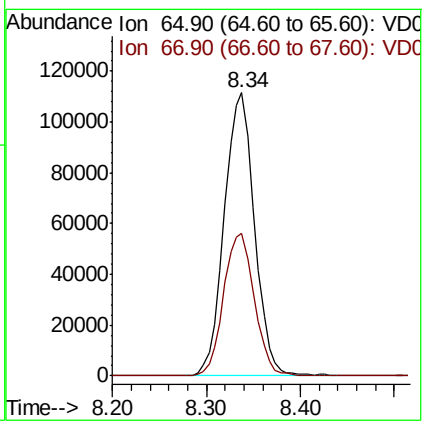


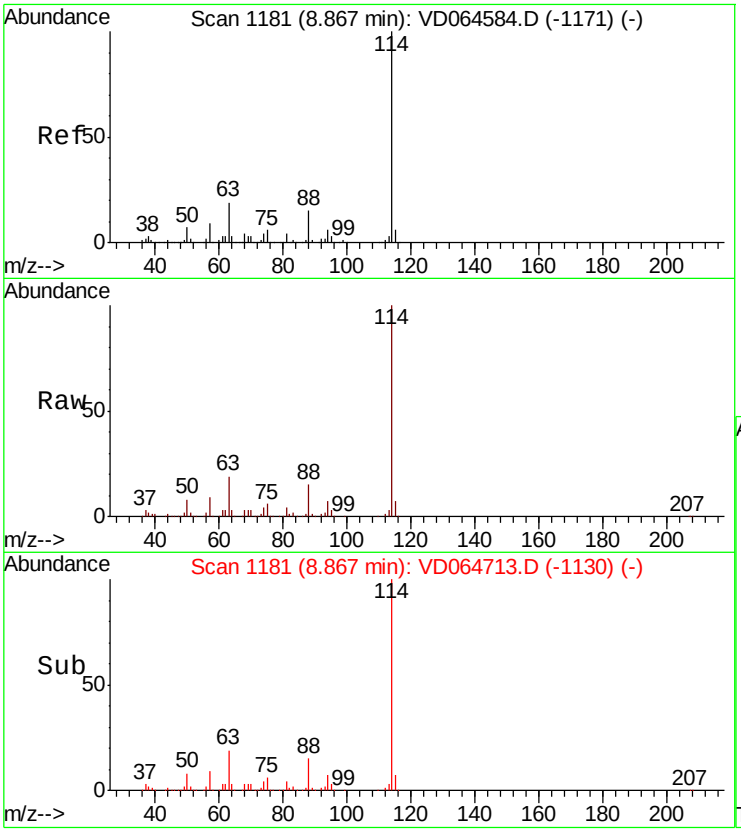


#33
1,2-Dichloroethane-d4
Concen: 50.382 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Tgt Ion: 65 Resp: 248534

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.2



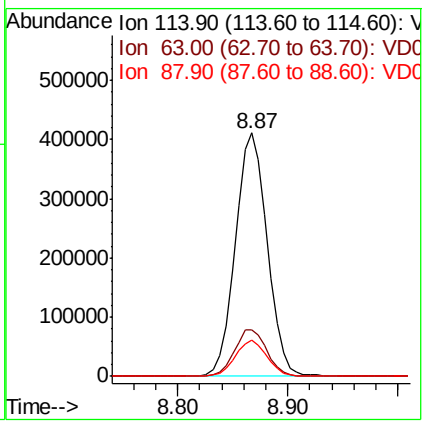


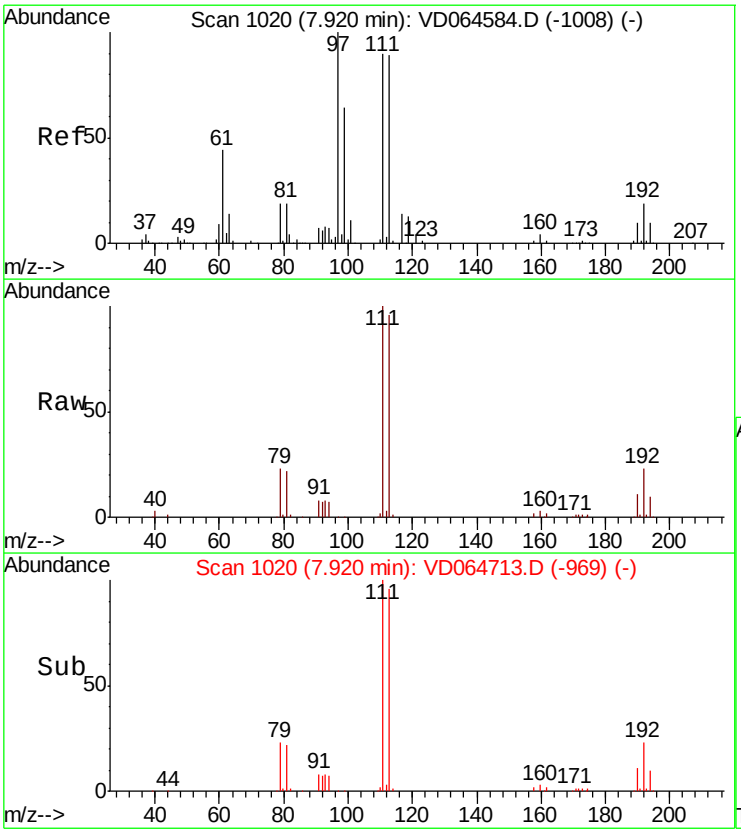
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-123119

Tgt Ion:114 Resp: 833592

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.0
88	15.0	0.0	29.2

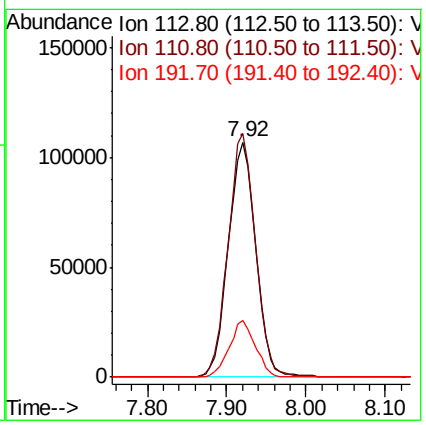


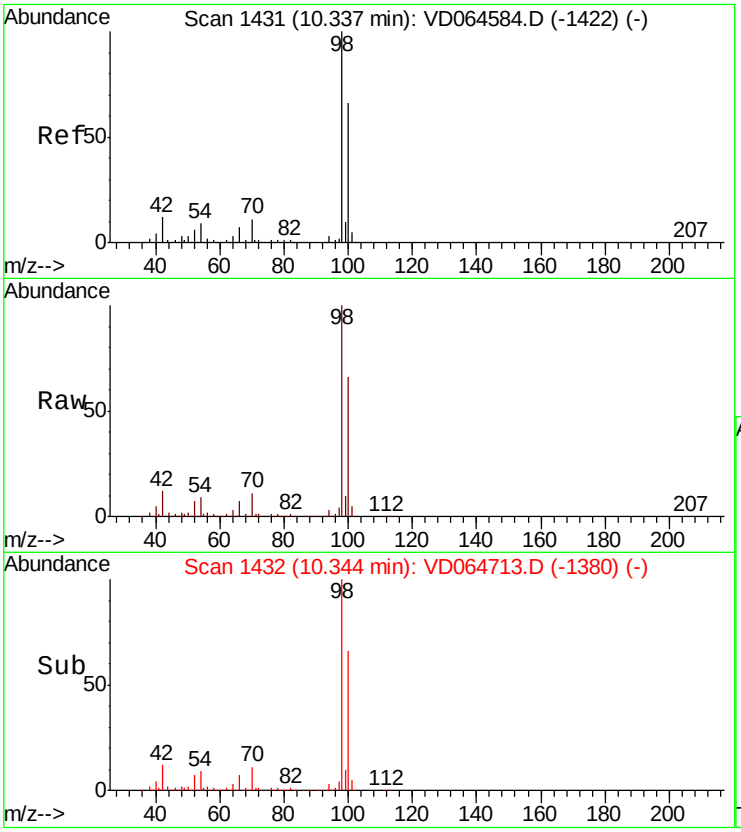


#35
Dibromofluoromethane
Concen: 50.382 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Tgt Ion:113 Resp: 257664

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	22.8	17.9	26.9



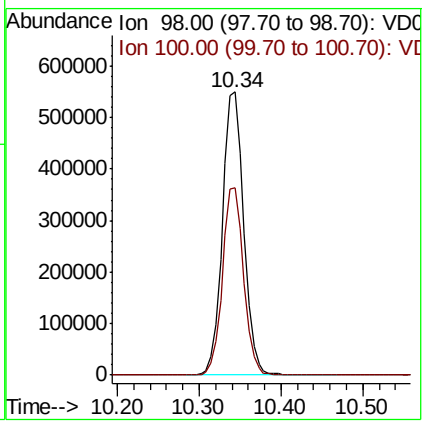


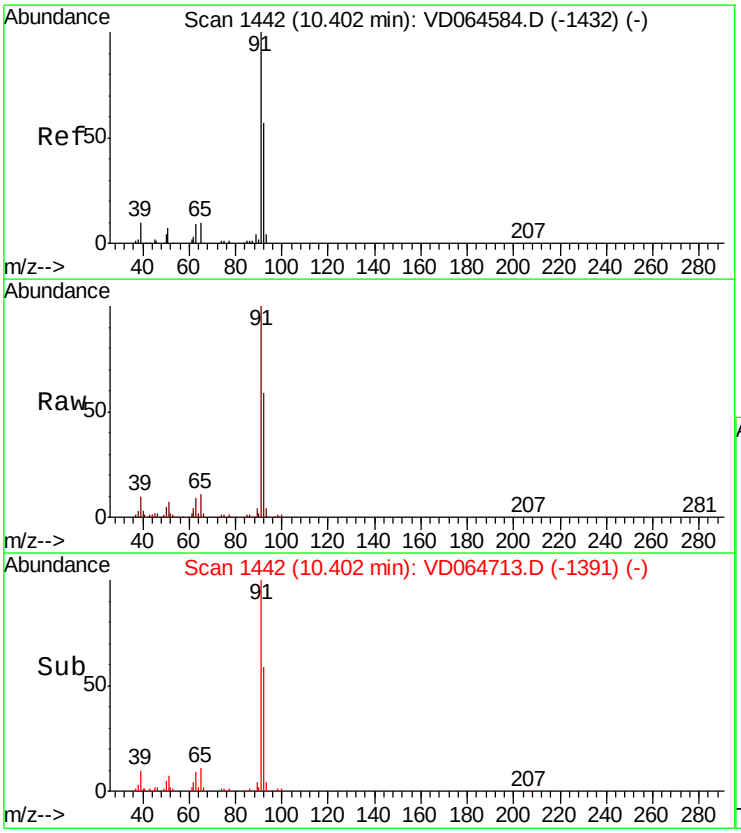
#50
Toluene-d8
Concen: 50.804 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-123119

Tgt Ion: 98 Resp: 995089

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.7	77.5

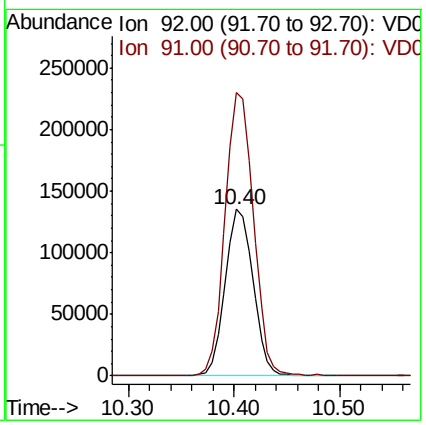


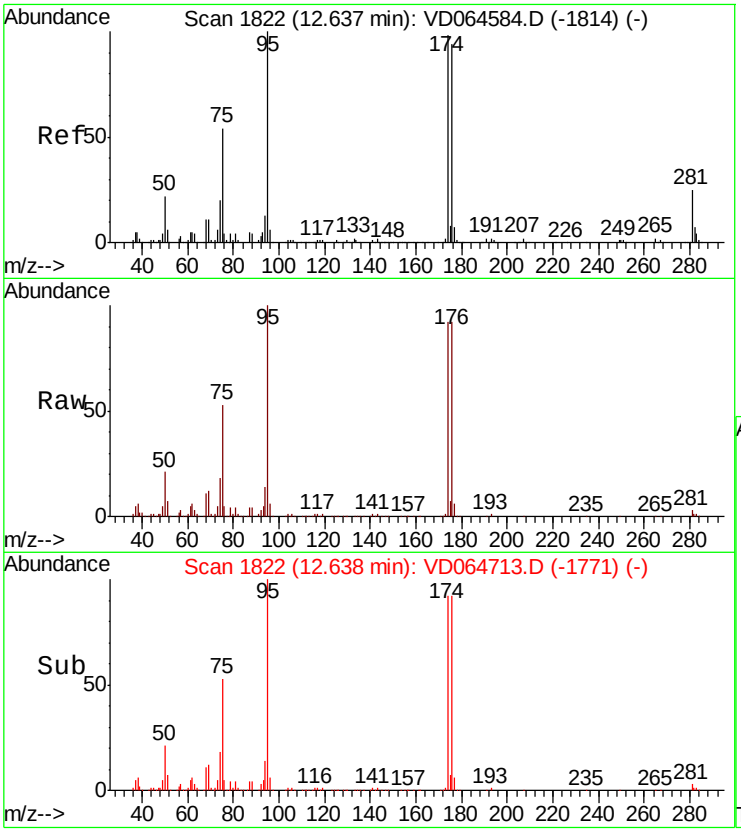


#52
Toluene
Concen: 17.254 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Tgt Ion: 92 Resp: 247937

Ion	Ratio	Lower	Upper
92	100		
91	172.6	138.7	208.1



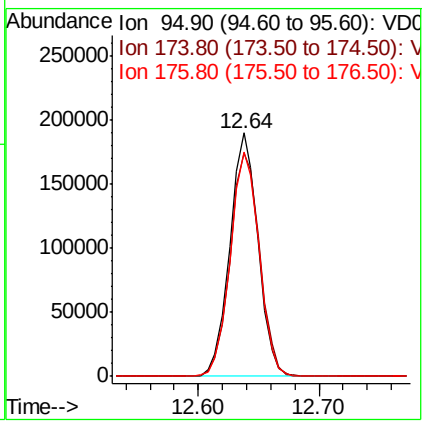


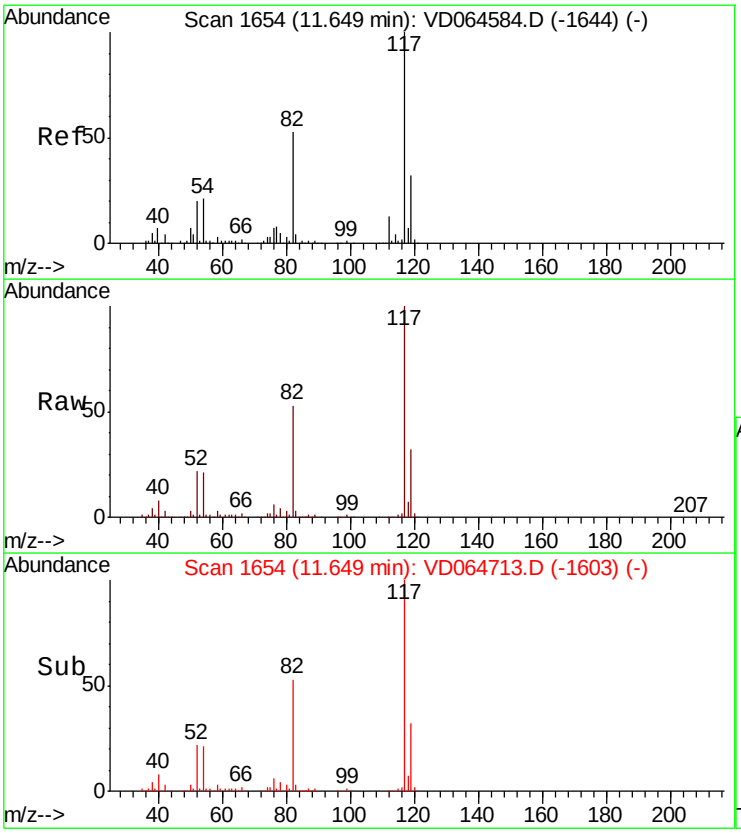
#62
4-Bromofluorobenzene
Concen: 49.786 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-123119

Tgt Ion: 95 Resp: 308352

Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	193.2
176	94.3	0.0	184.2

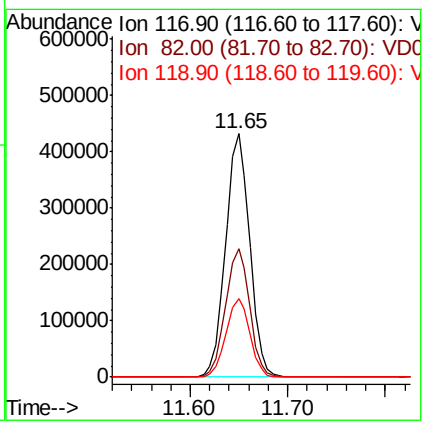


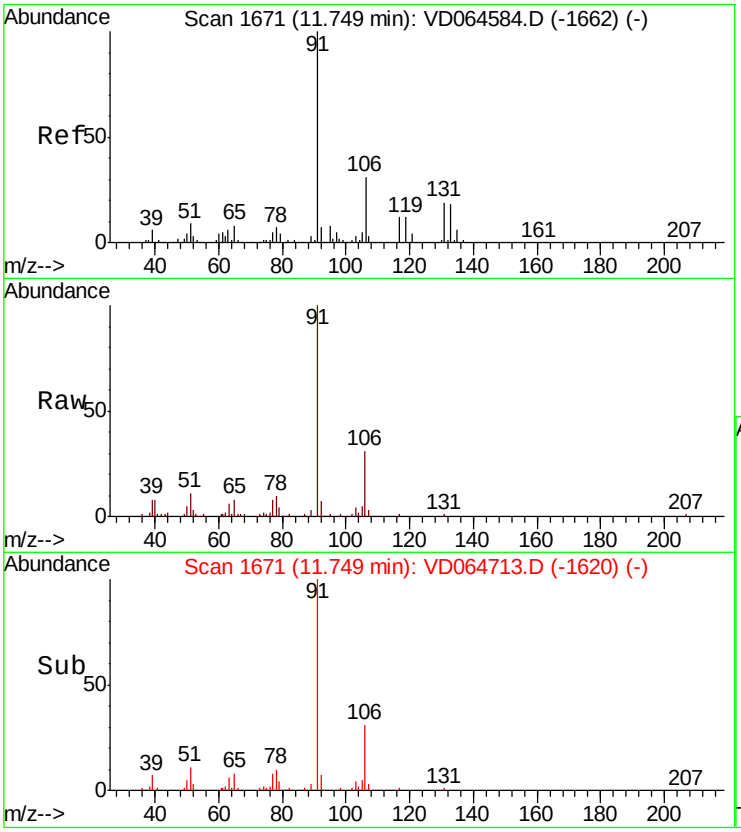


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Tgt Ion:117 Resp: 739418

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.2	63.4
119	32.4	26.0	39.0



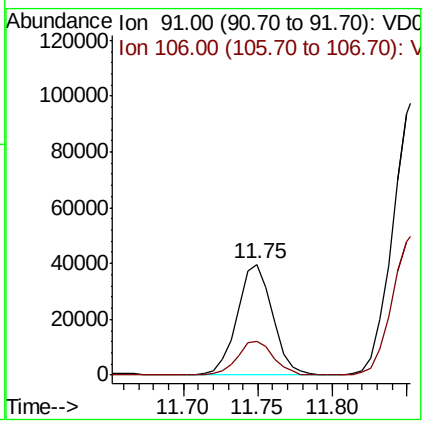


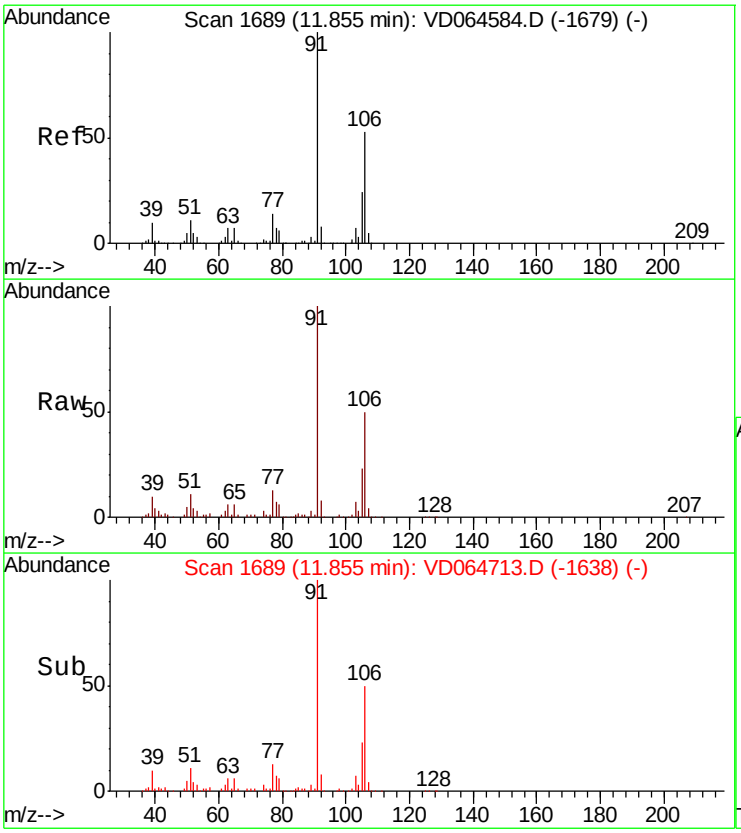
#67
Ethyl Benzene
Concen: 2.350 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Instrument : MSVOA_D
ClientSampleId : OR-02-123119

Tgt Ion: 91 Resp: 65463

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.6	36.8

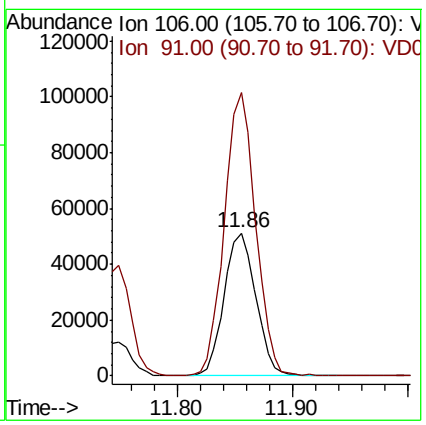


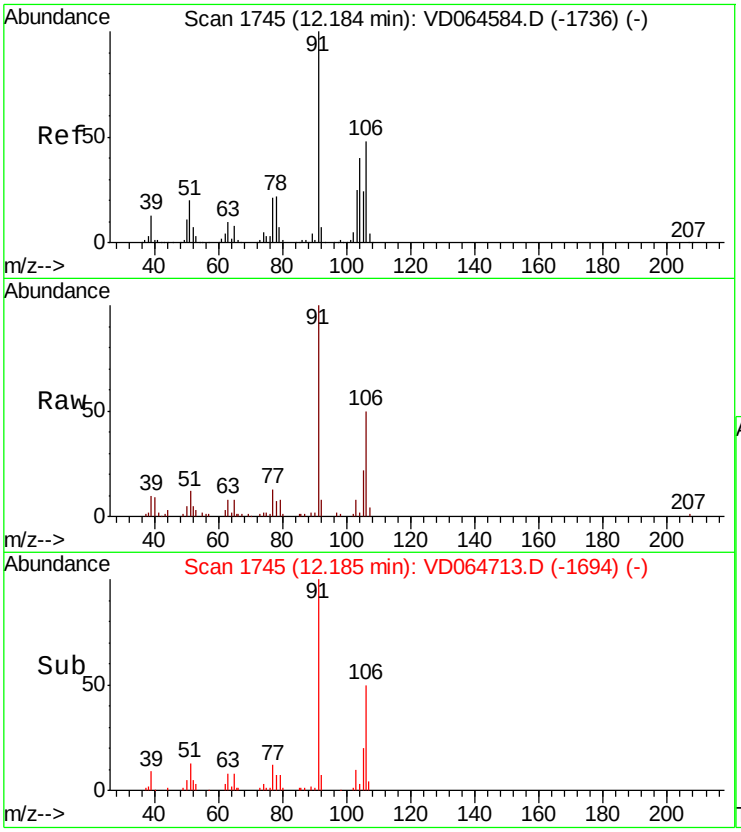


#68
m/p-Xylenes
Concen: 9.073 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Tgt Ion:106 Resp: 97548

Ion	Ratio	Lower	Upper
106	100		
91	194.6	156.3	234.5



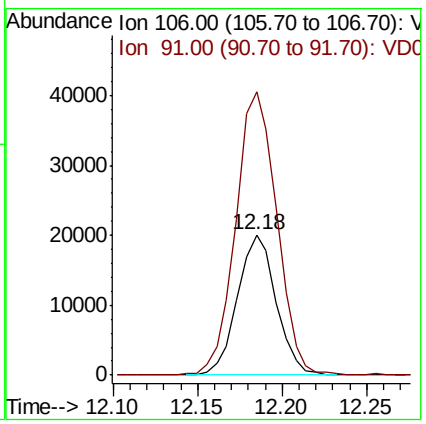


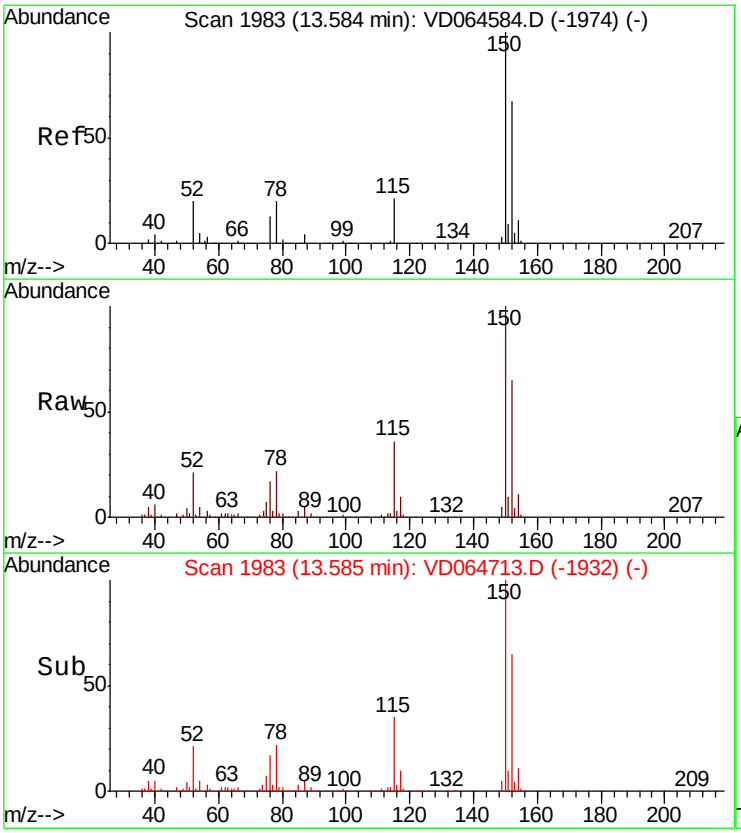
#69
o-Xylene
Concen: 3.292 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-123119

Tgt Ion:106 Resp: 31970

Ion	Ratio	Lower	Upper
106	100		
91	215.0	104.8	314.4

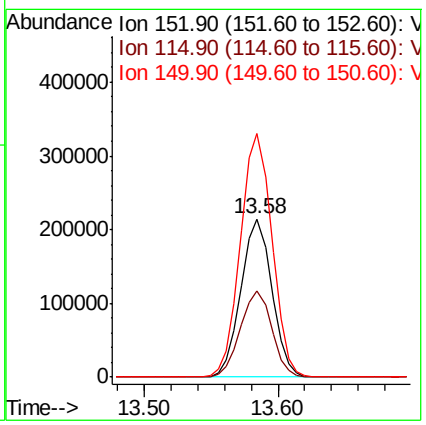


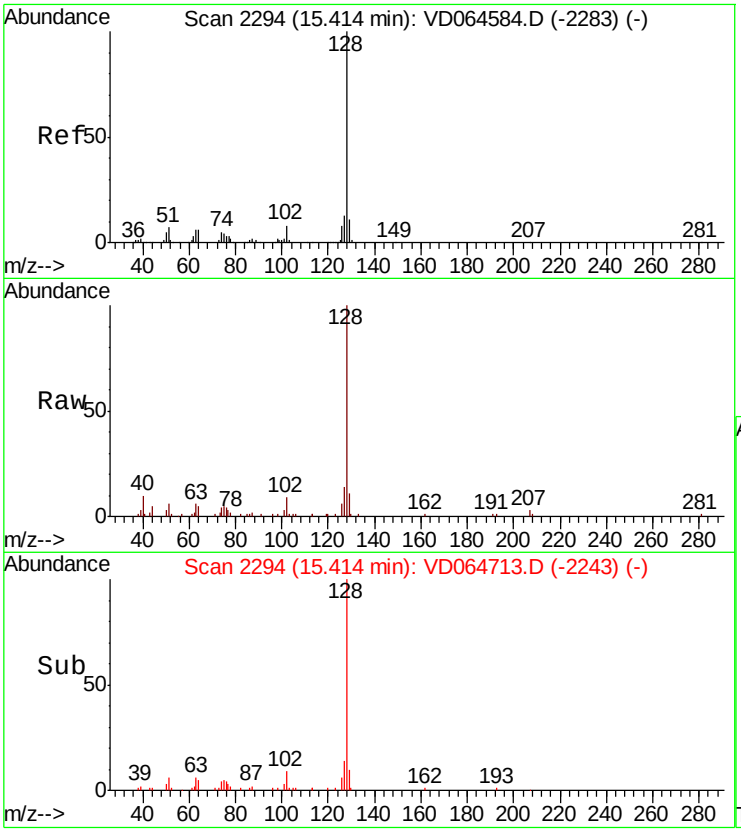


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Tgt Ion:152 Resp: 343271

Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.8	83.4
150	157.1	0.0	351.4





#95
Naphthalene
Concen: 4.572 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064713.D
Acq: 02 Jan 2020 13:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-123119

Tgt Ion:128 Resp: 52185

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	10.8	8.5	12.7