Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
Data File : VD064142.D
Acq On : 31 Oct 2019 19:41
Operator : VA/SY
Sample : K5603-02RE
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 20190949-AMND-COMPOSITE-KM-

Quant Time: Nov 01 08:22:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	208240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	322347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	334710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	168445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	80695	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.44%			
35) Dibromofluoromethane	7.91	113	40402	20.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 40.74%			
50) Toluene-d8	10.34	98	389709	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.28%			
62) 4-Bromofluorobenzene	12.64	95	137332	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.46%			
Target Compounds						Qvalue
16) Acetone	4.17	43	99563	315.959	ug/l	94
17) Carbon Disulfide	4.40	76	72410	13.044	ug/l #	95
25) 2-Butanone	7.22	43	23952	54.982	ug/l	97
52) Toluene	10.40	92	6105	1.058	ug/l	100

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

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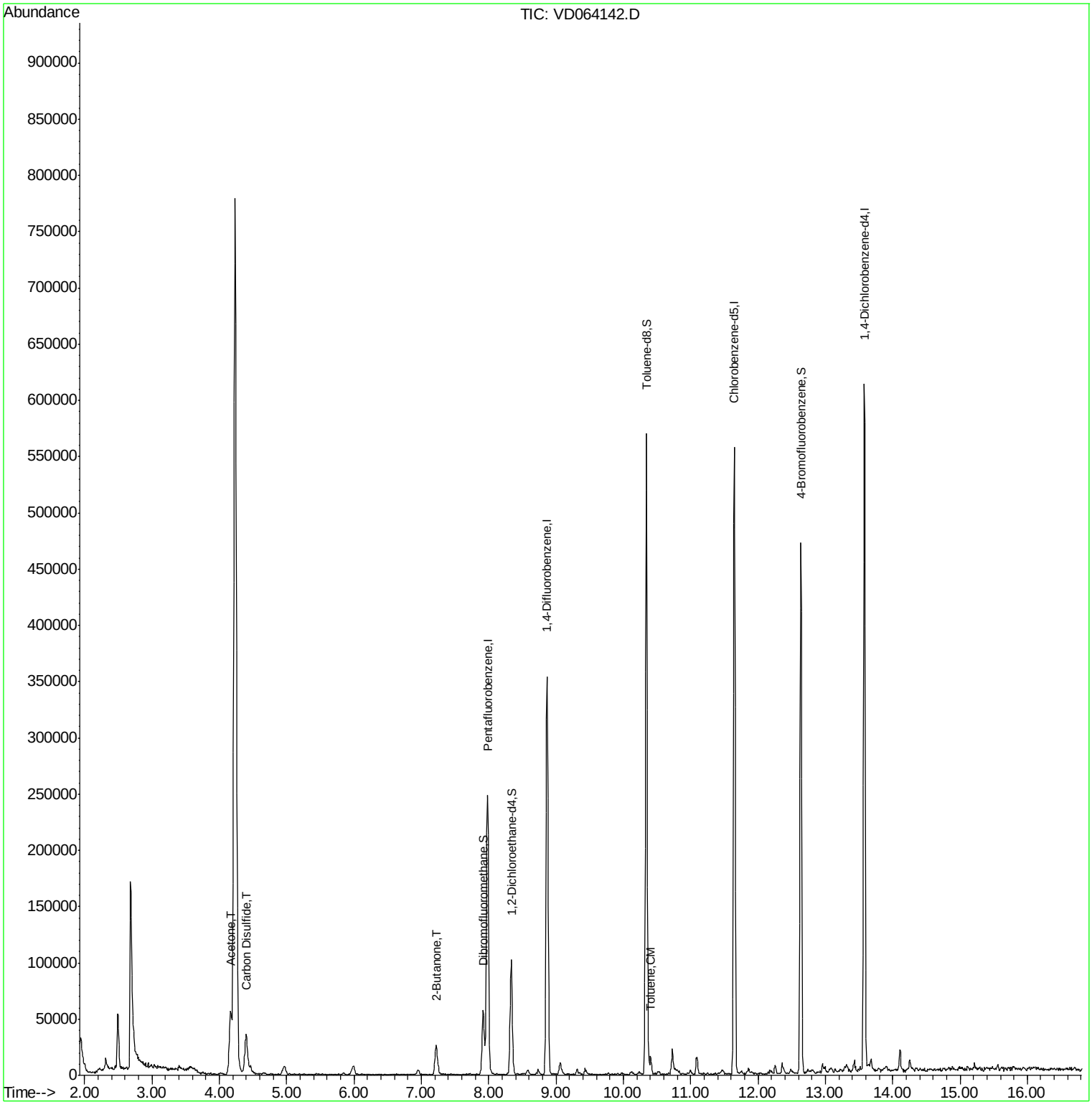
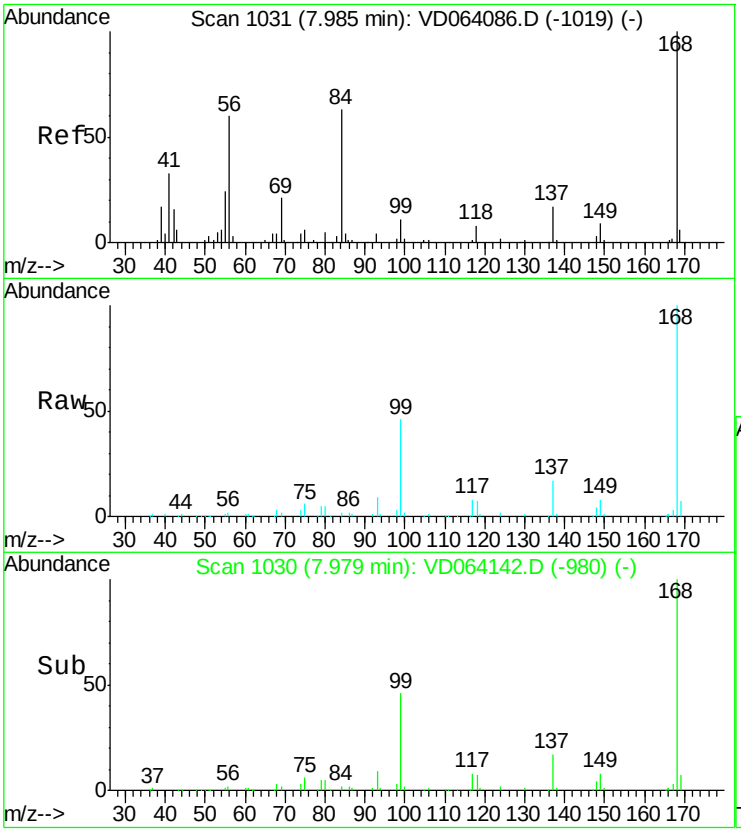


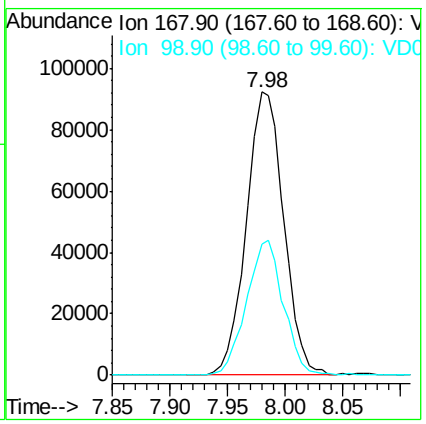


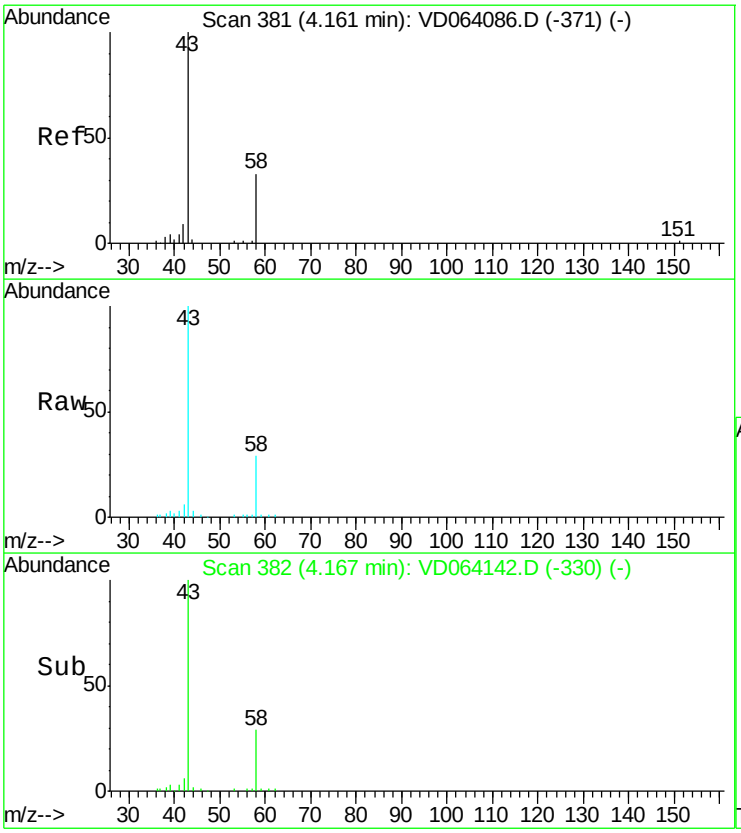
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Instrument :
MSVOA_D
ClientSampleId :
20190949-AMND-COMPOSITE-KM-

Tgt Ion:168 Resp: 208240

Ion	Ratio	Lower	Upper
168	100		
99	46.3	37.6	56.4

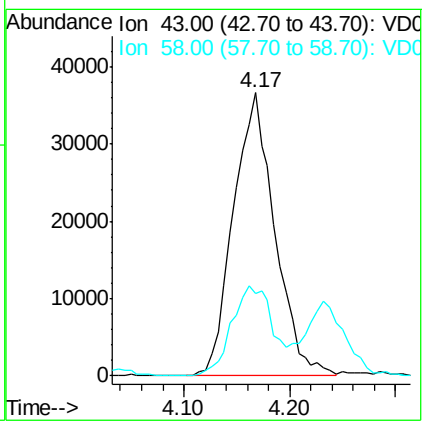


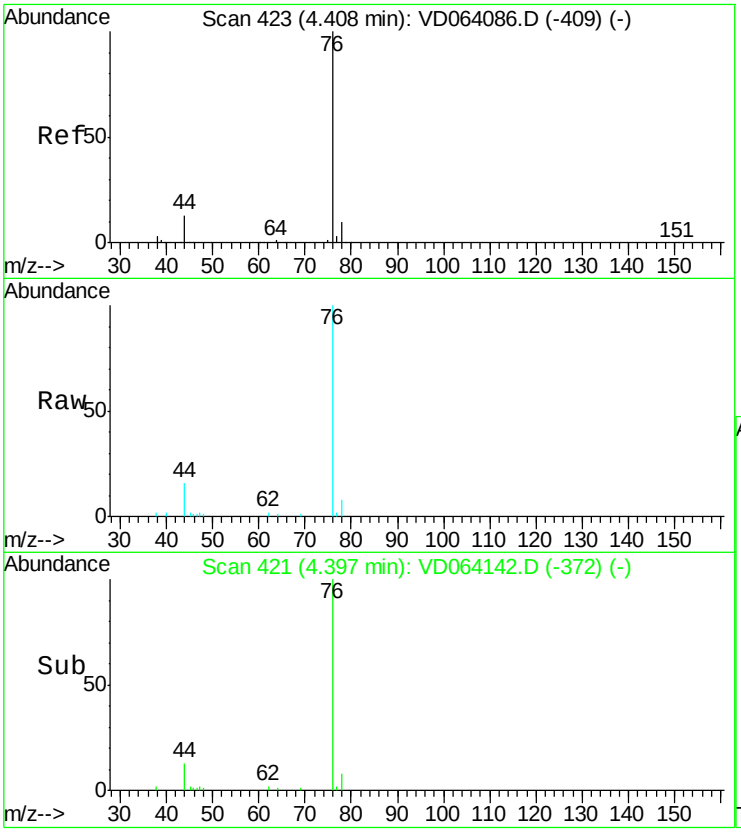


#16
Acetone
Concen: 315.959 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Tgt Ion: 43 Resp: 99563

Ion	Ratio	Lower	Upper
43	100		
58	29.3	26.3	39.5



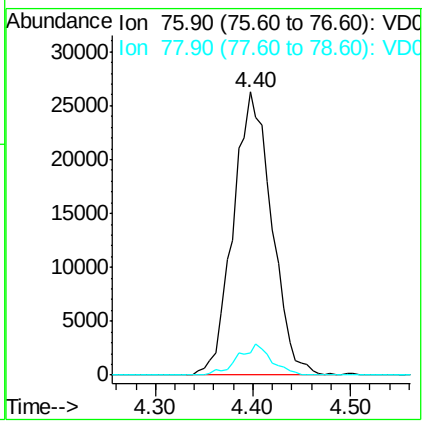


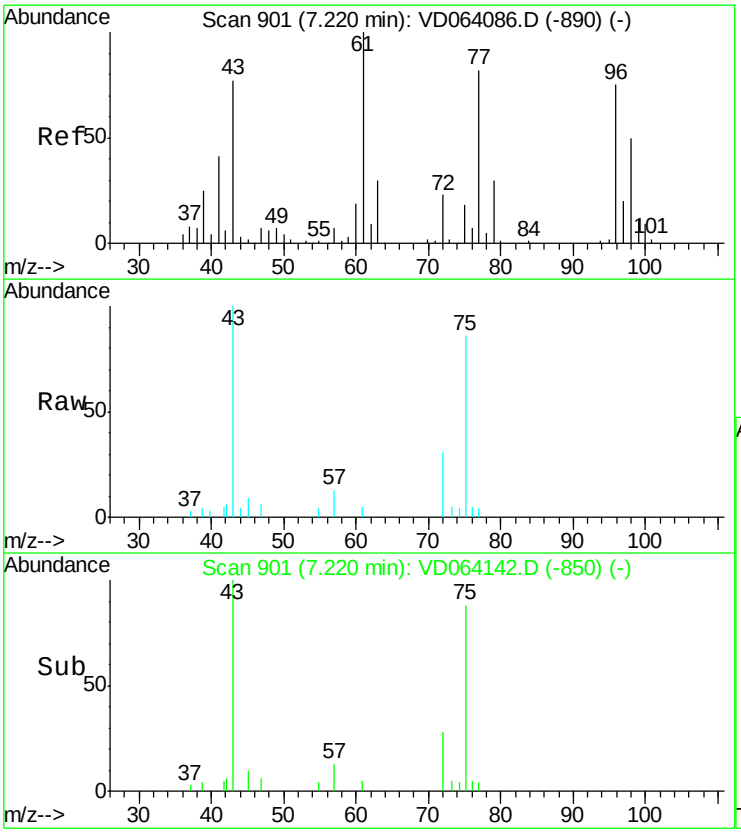
#17
Carbon Disulfide
Concen: 13.044 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Instrument :
MSVOA_D
ClientSampleId :
20190949-AMND-COMPOSITE-KM-

Tgt Ion: 76 Resp: 72410

Ion	Ratio	Lower	Upper
76	100		
78	8.1	8.1	12.1#

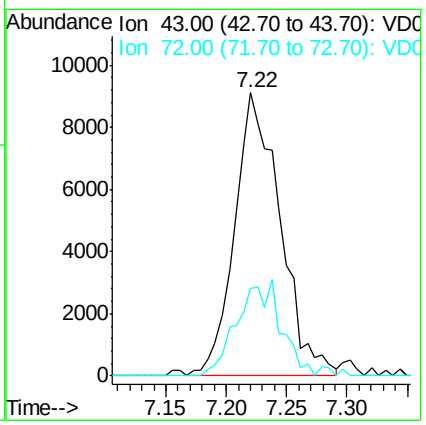


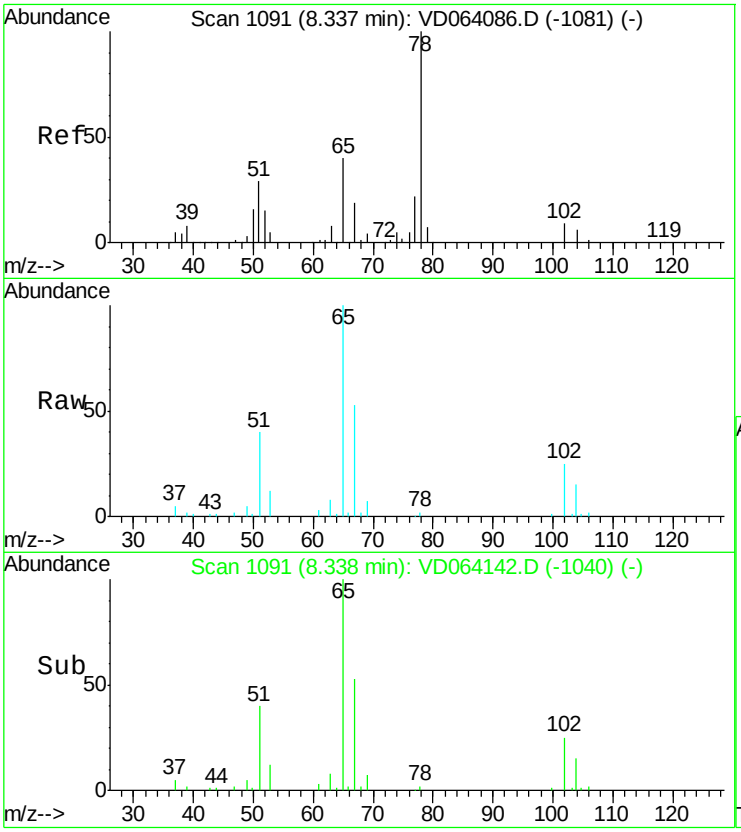


#25
2-Butanone
Concen: 54.982 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Tgt Ion: 43 Resp: 23952

Ion	Ratio	Lower	Upper
43	100		
72	30.8	23.4	35.0



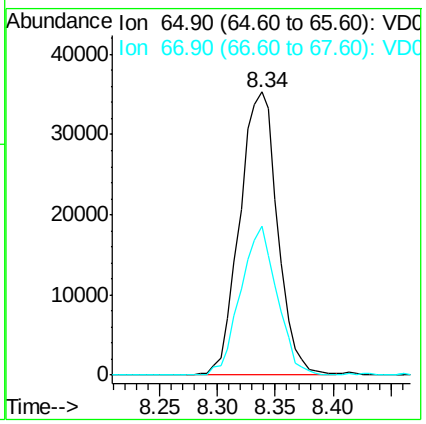


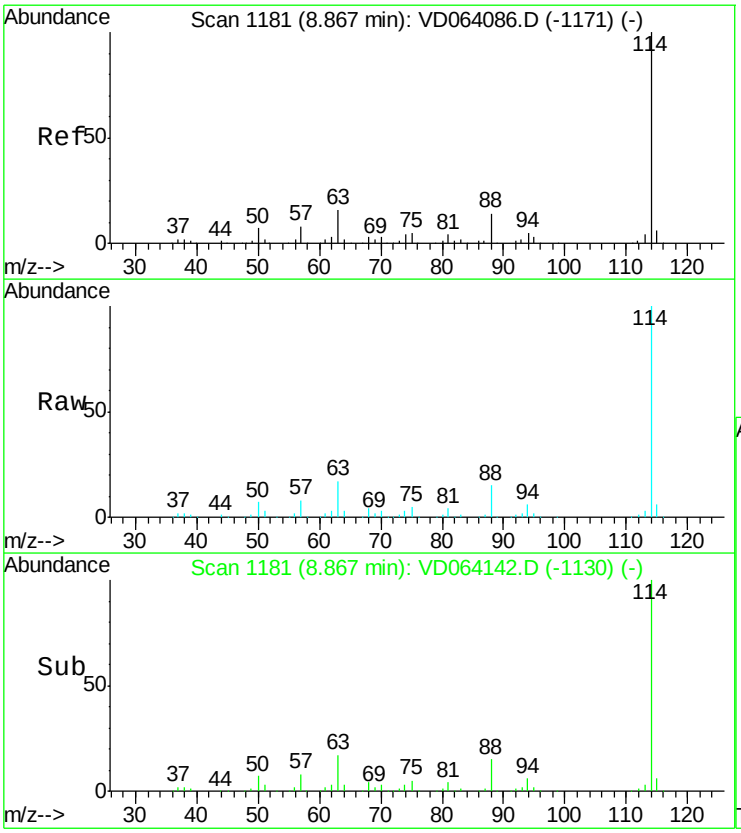
#33
1,2-Dichloroethane-d4
Concen: 48.724 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Instrument :
MSVOA_D
ClientSampleId :
20190949-AMND-COMPOSITE-KM-

Tgt Ion: 65 Resp: 80695

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	104.6

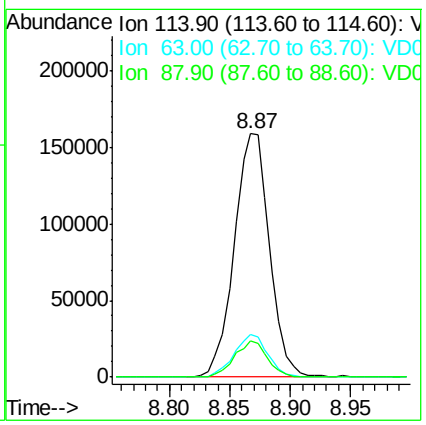


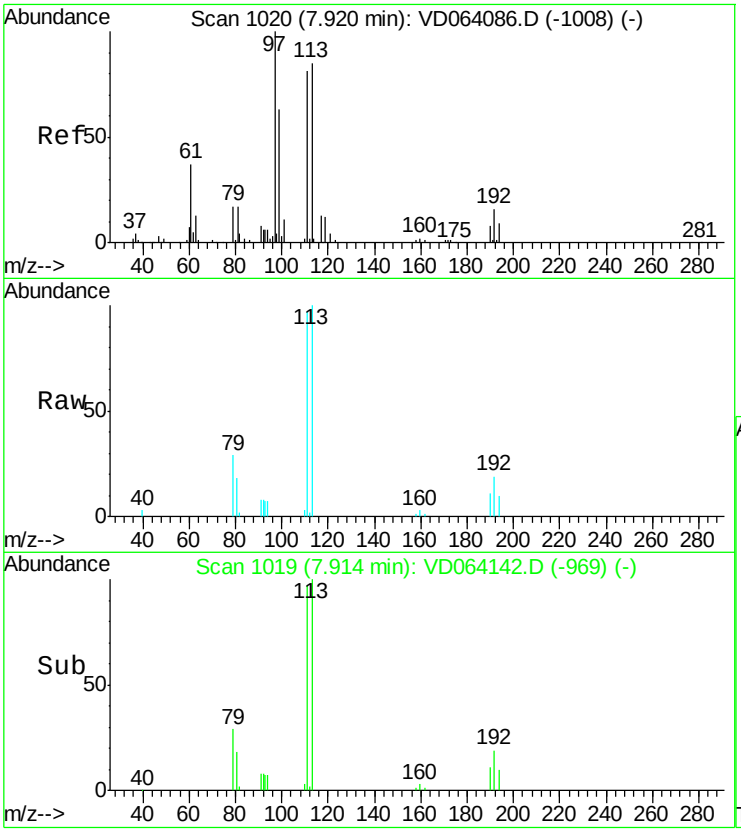


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Tgt Ion:114 Resp: 322347

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	32.8
88	15.1	0.0	27.6



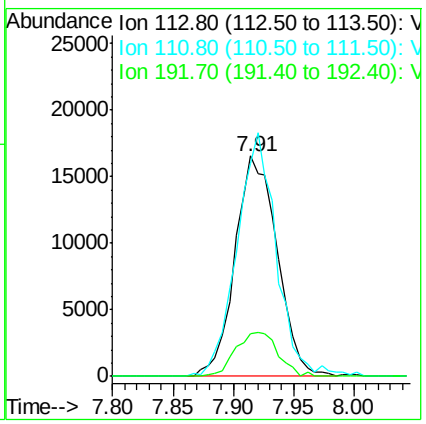


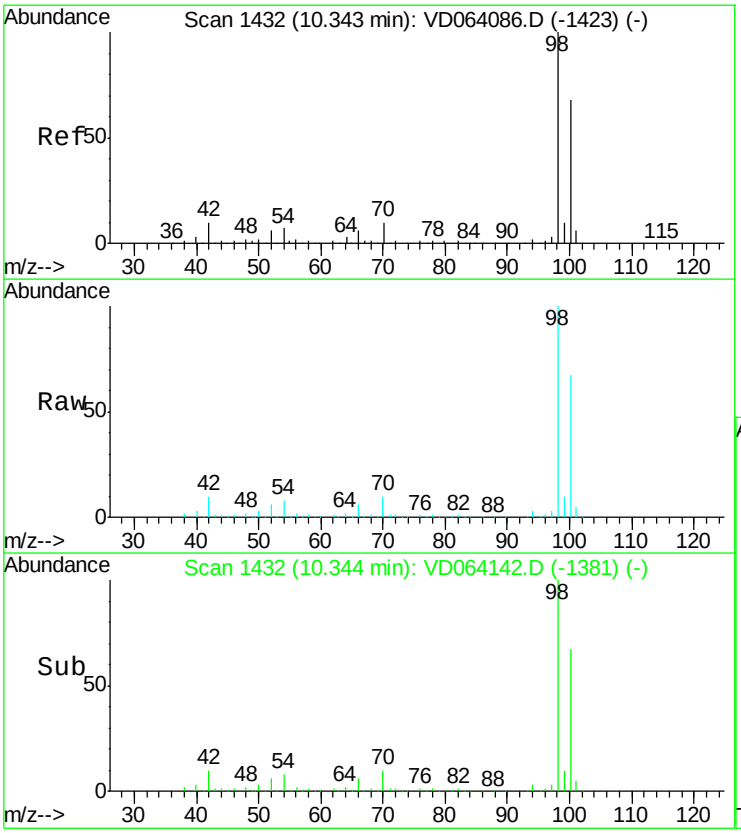
#35
Dibromofluoromethane
Concen: 20.372 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Instrument :
MSVOA_D
ClientSampleId :
20190949-AMND-COMPOSITE-KM-

Tgt Ion:113 Resp: 40402

Ion	Ratio	Lower	Upper
113	100		
111	103.4	79.3	118.9
192	20.0	16.2	24.2

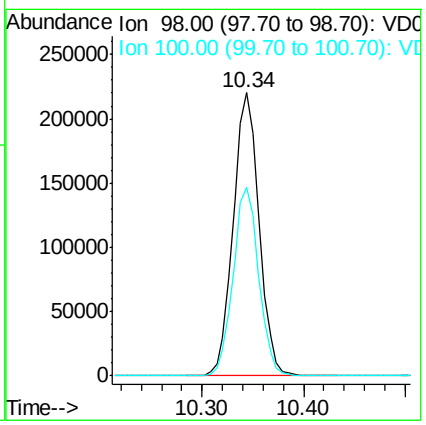


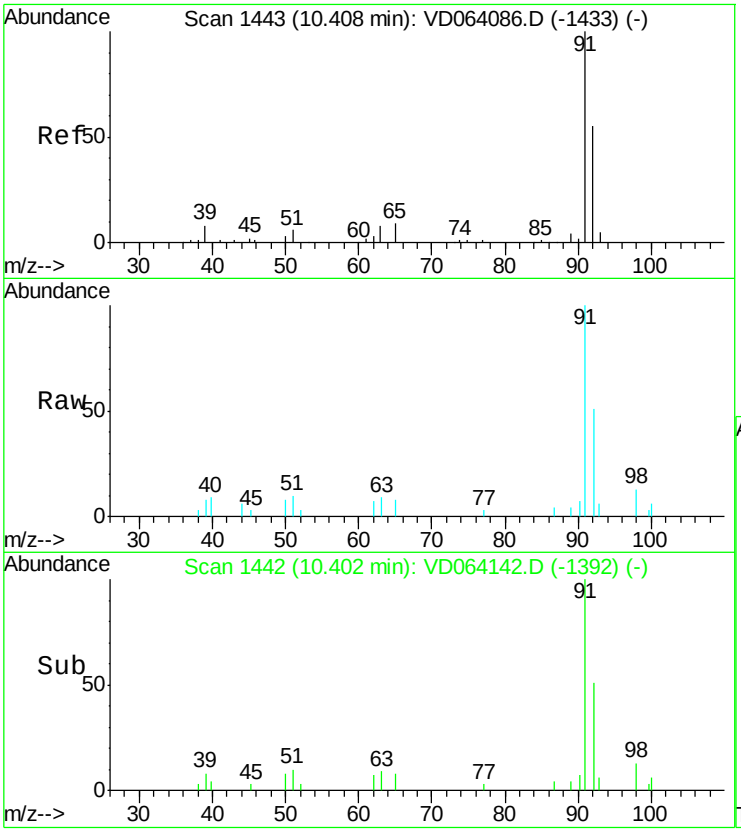


#50
Toluene-d8
Concen: 49.137 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Tgt Ion: 98 Resp: 389709

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.0



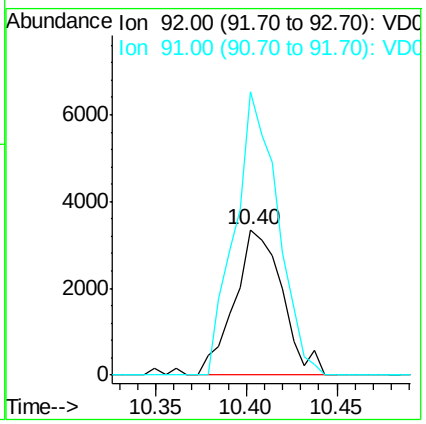


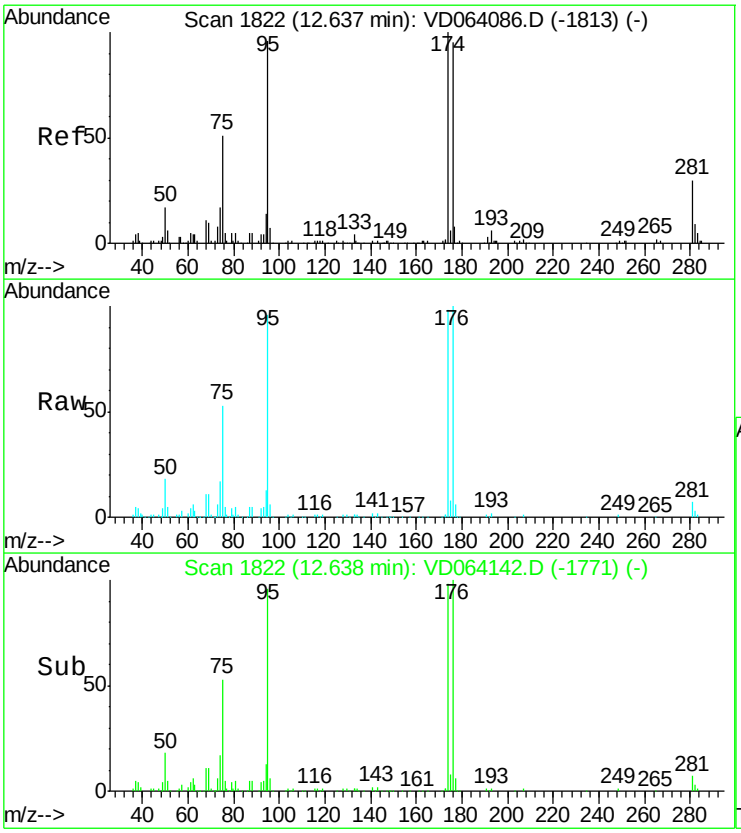
#52
Toluene
Concen: 1.058 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.01 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Instrument :
MSVOA_D
ClientSampleId :
20190949-AMND-COMPOSITE-KM-

Tgt Ion: 92 Resp: 6105

Ion	Ratio	Lower	Upper
92	100		
91	176.1	140.7	211.1

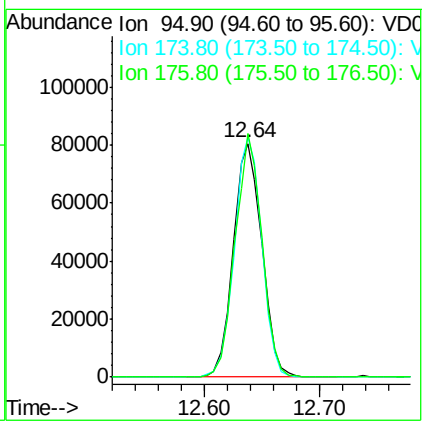


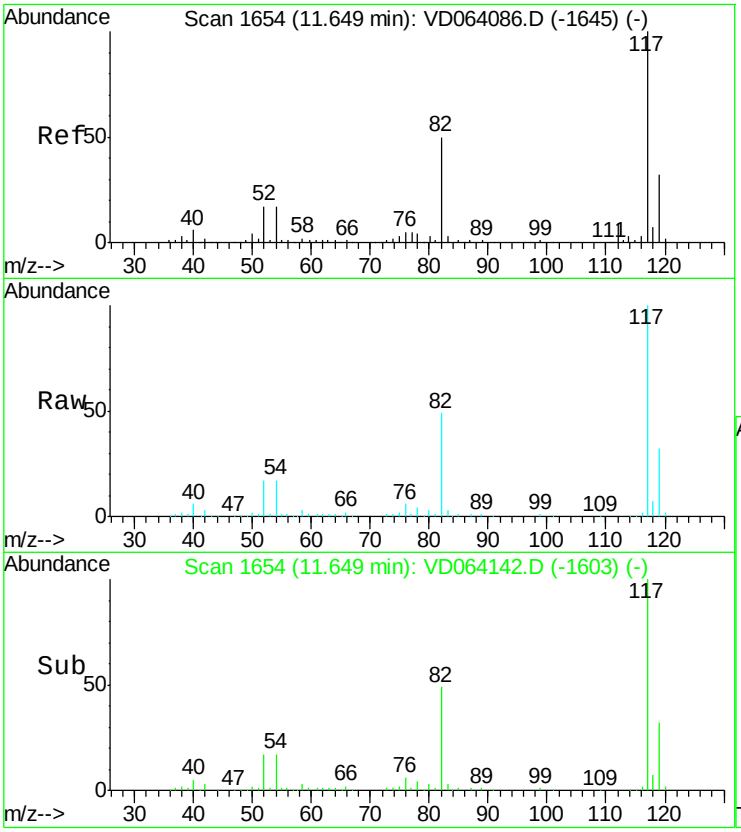


#62
4-Bromofluorobenzene
Concen: 52.230 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Tgt Ion: 95 Resp: 137332

Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	201.6
176	98.2	0.0	192.6



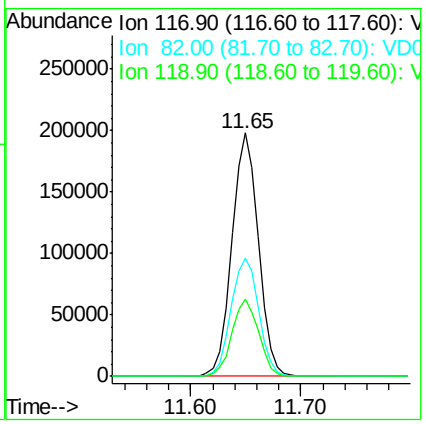


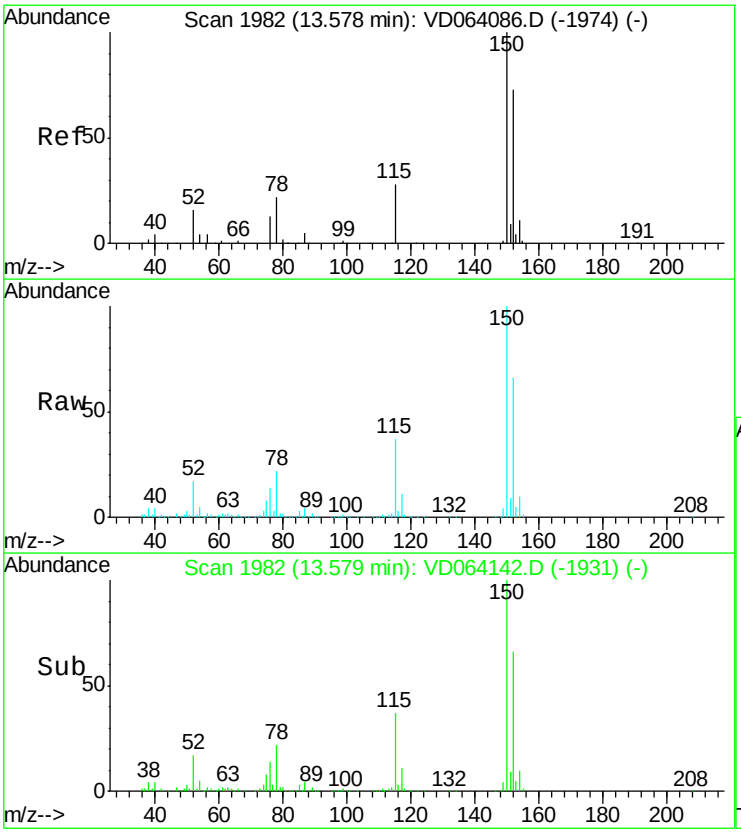
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Instrument :
MSVOA_D
ClientSampleId :
20190949-AMND-COMPOSITE-KM-

Tgt Ion:117 Resp: 334710

Ion	Ratio	Lower	Upper
117	100		
82	48.5	40.2	60.4
119	32.0	26.0	39.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064142.D
Acq: 31 Oct 2019 19:41

Tgt Ion:152 Resp: 168445

Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.2	78.6
150	156.1	0.0	338.8