Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123019\
Data File : VD064682.D
Acq On : 30 Dec 2019 17:33
Operator : VA/SY
Sample : K6450-01RE
Misc : 8.77G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Dec 31 07:10:32 2019
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	358628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	567821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	406342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	162282	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.64%			
35) Dibromofluoromethane	7.92	113	173542	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.64%			
50) Toluene-d8	10.34	98	634974	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.18%			
62) 4-Bromofluorobenzene	12.64	95	144439	34.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.48%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.35	62	36333	7.645	ug/l	97
16) Acetone	4.17	43	5510	11.478	ug/l	89
17) Carbon Disulfide	4.40	76	12194	1.195	ug/l	97
30) Chloroform	7.71	83	9040	1.463	ug/l	90
31) Cyclohexane	7.98	56	8371	1.420	ug/l #	40
36) 1,1-Dichloropropene	7.98	75	27855	5.097	ug/l #	50
38) Carbon Tetrachloride	7.98	117	33673	5.778	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	74345	70.274	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	74345	146.976	ug/l #	11

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123019\
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Acq On : 30 Dec 2019 17:33
Operator : VA/SY
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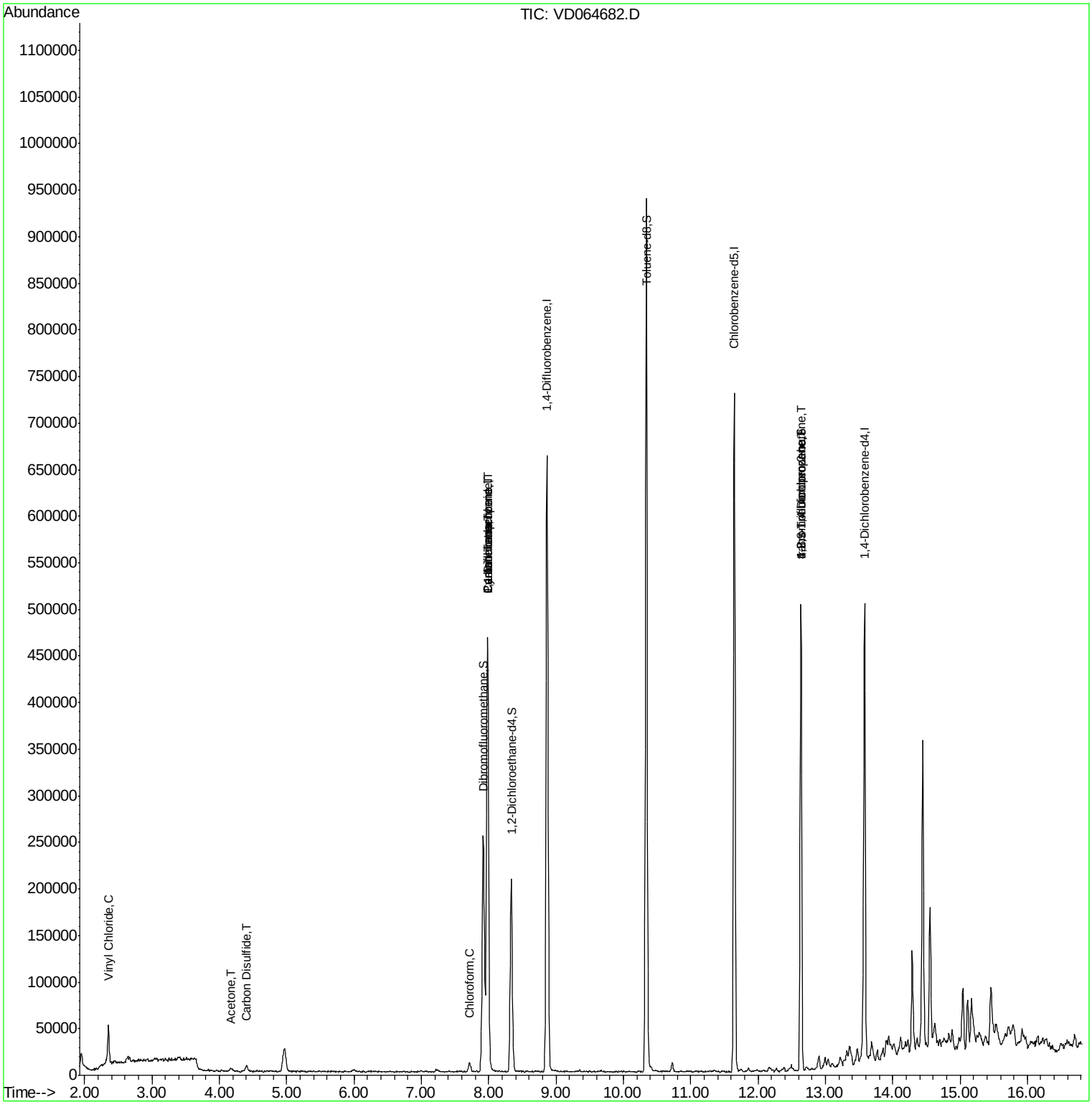
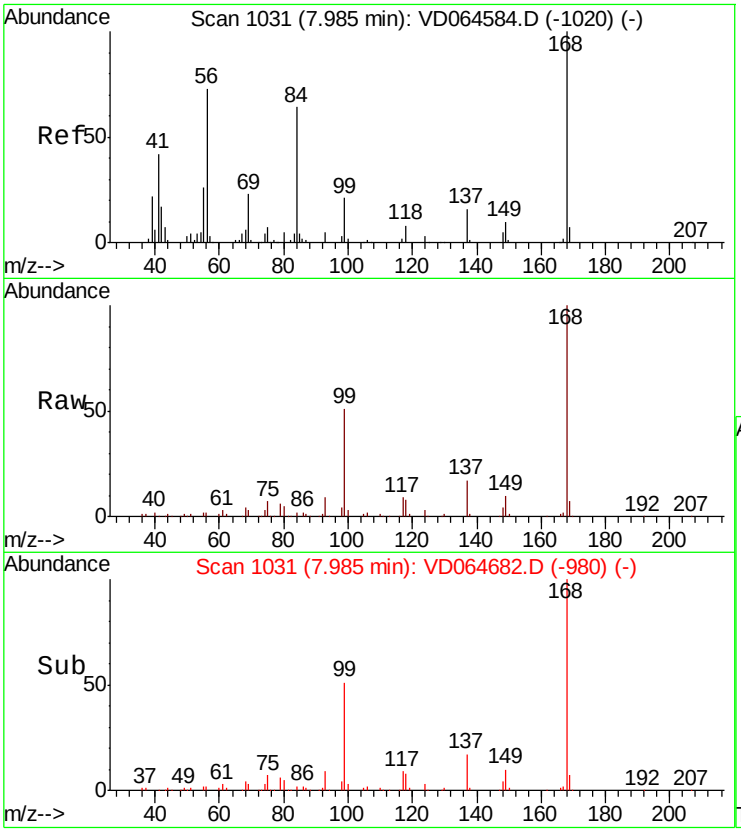
MSVOA_D
ClientSampleId :

Quant Time: Dec 31 07:10:32 2019
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



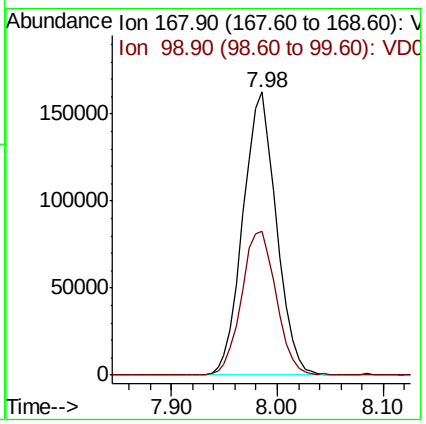


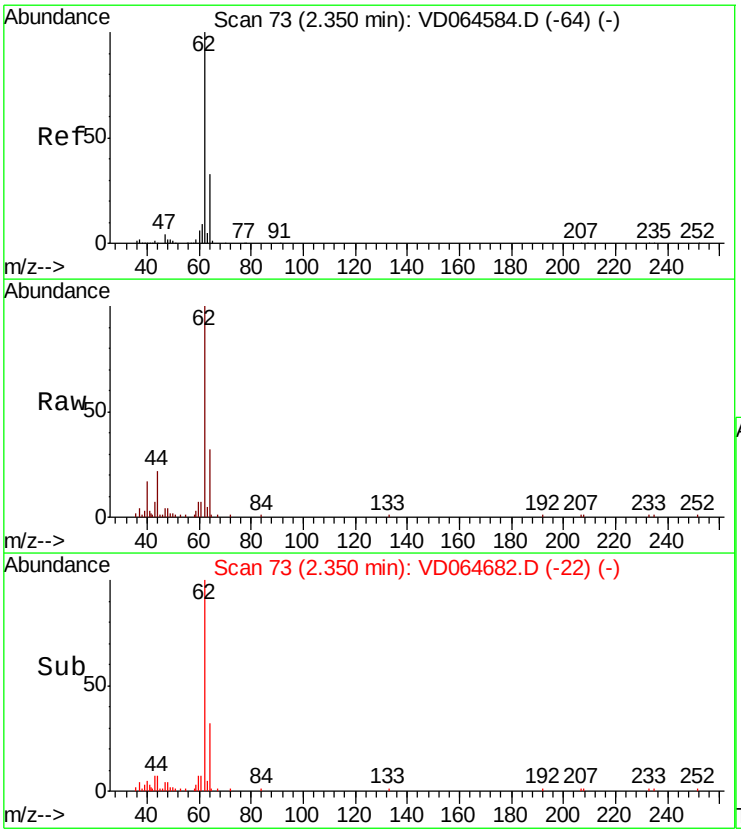
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 358628

Ion	Ratio	Lower	Upper
168	100		
99	50.9	41.8	62.6

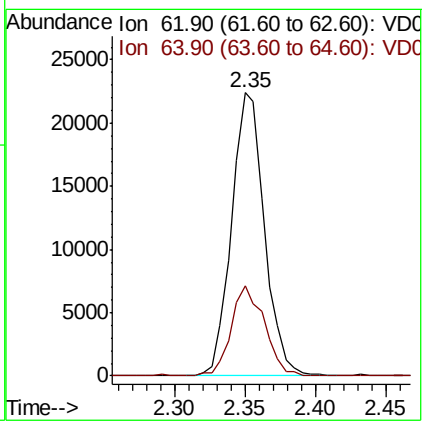


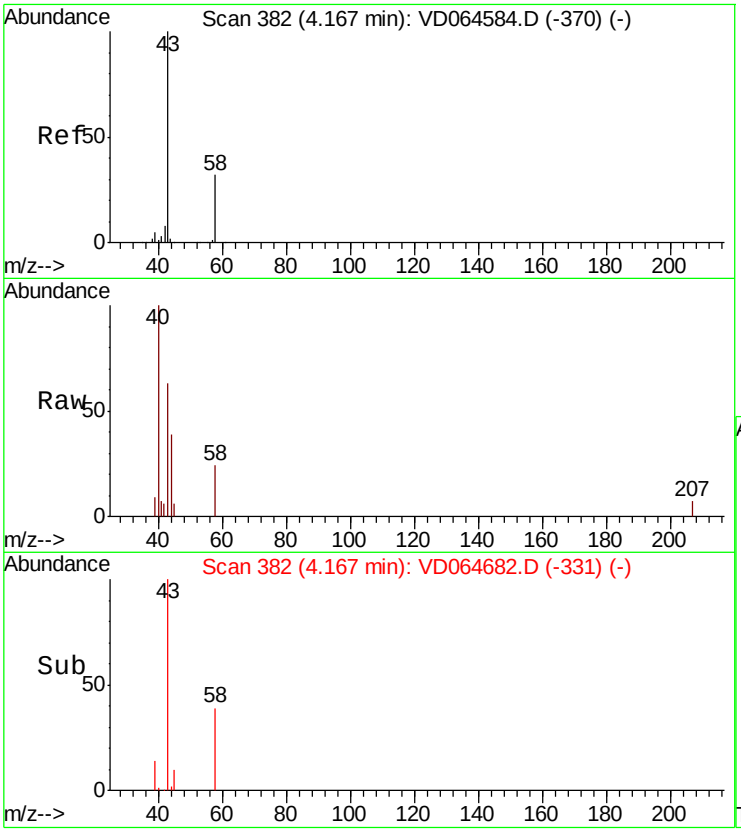


#4
Vinyl Chloride
Concen: 7.645 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 62 Resp: 36333

Ion	Ratio	Lower	Upper
62	100		
64	31.8	26.6	40.0



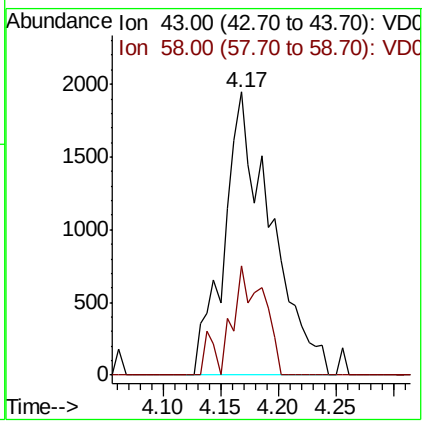


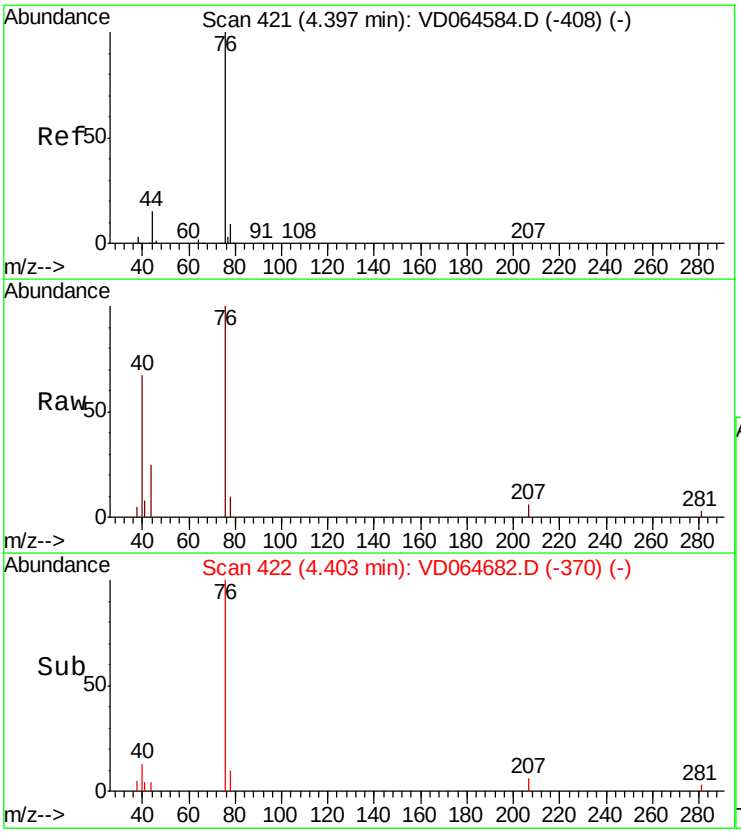
#16
Acetone
Concen: 11.478 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 5510

Ion	Ratio	Lower	Upper
43	100		
58	38.6	25.8	38.6

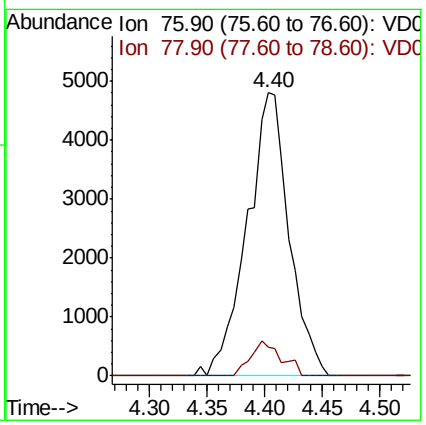


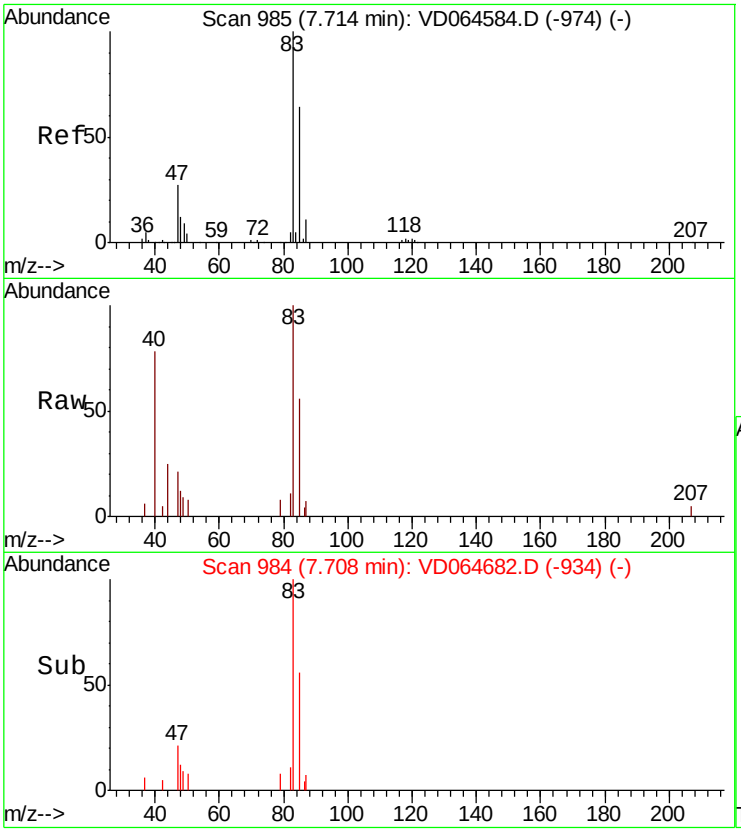


#17
Carbon Disulfide
Concen: 1.195 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 76 Resp: 12194

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.3	10.9



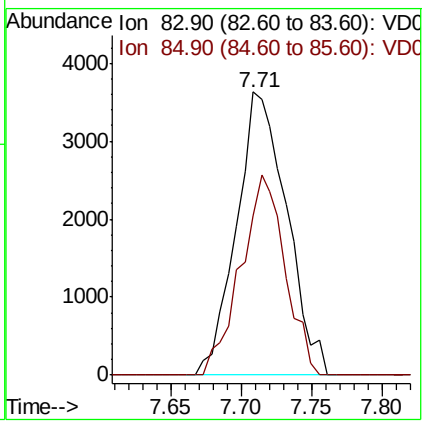


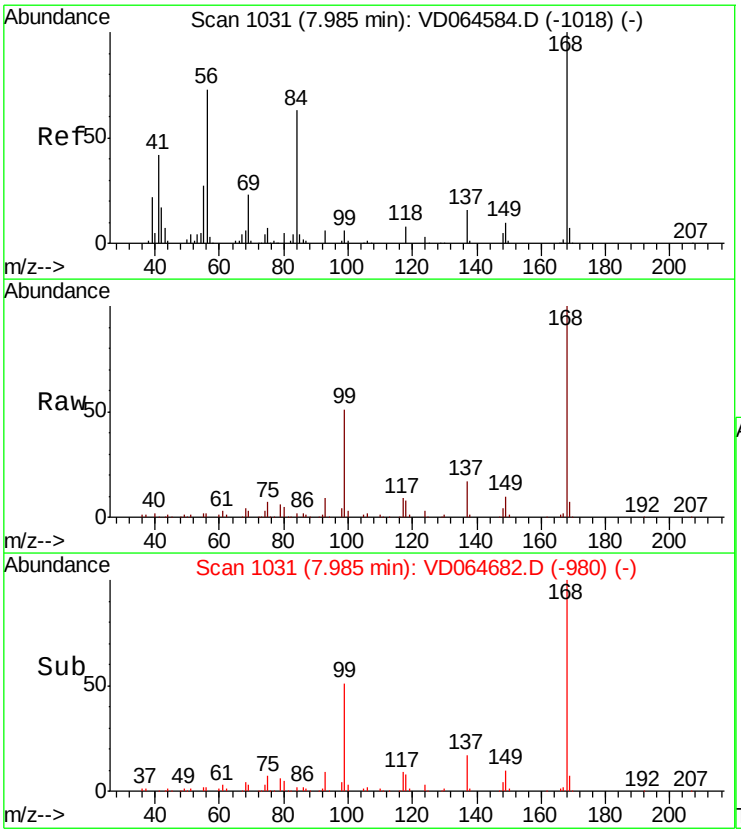
#30
Chloroform
Concen: 1.463 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 9040

Ion	Ratio	Lower	Upper
83	100		
85	56.4	51.1	76.7

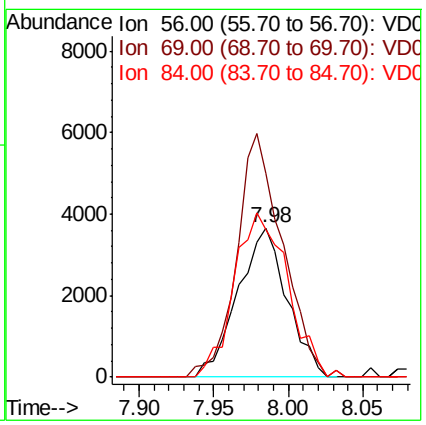


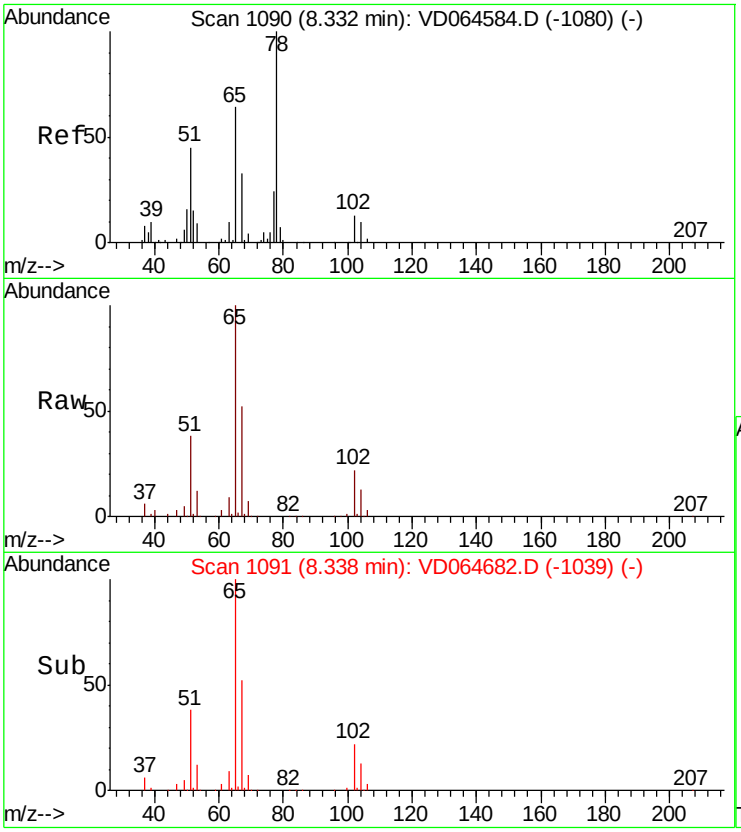


#31
Cyclohexane
Concen: 1.420 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 56 Resp: 8371

Ion	Ratio	Lower	Upper
56	100		
69	136.9	24.7	37.1#
84	98.6	69.4	104.2



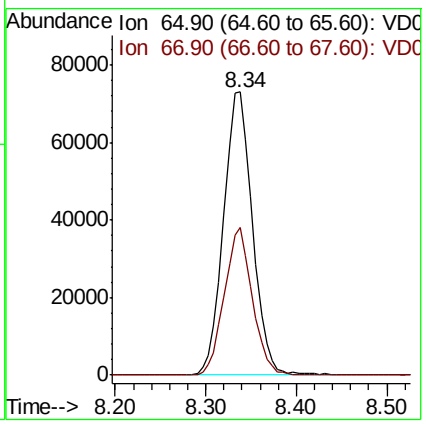


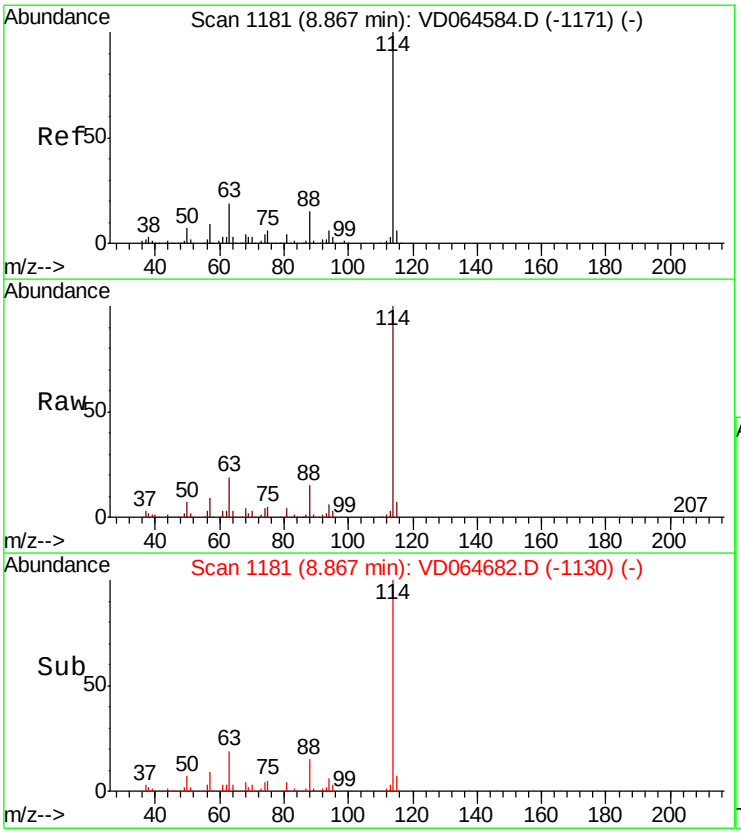
#33
1,2-Dichloroethane-d4
Concen: 51.317 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 162282

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	106.2

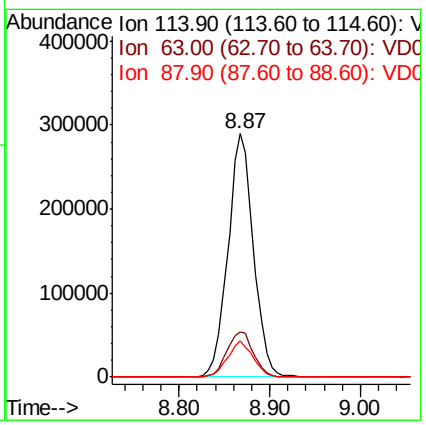


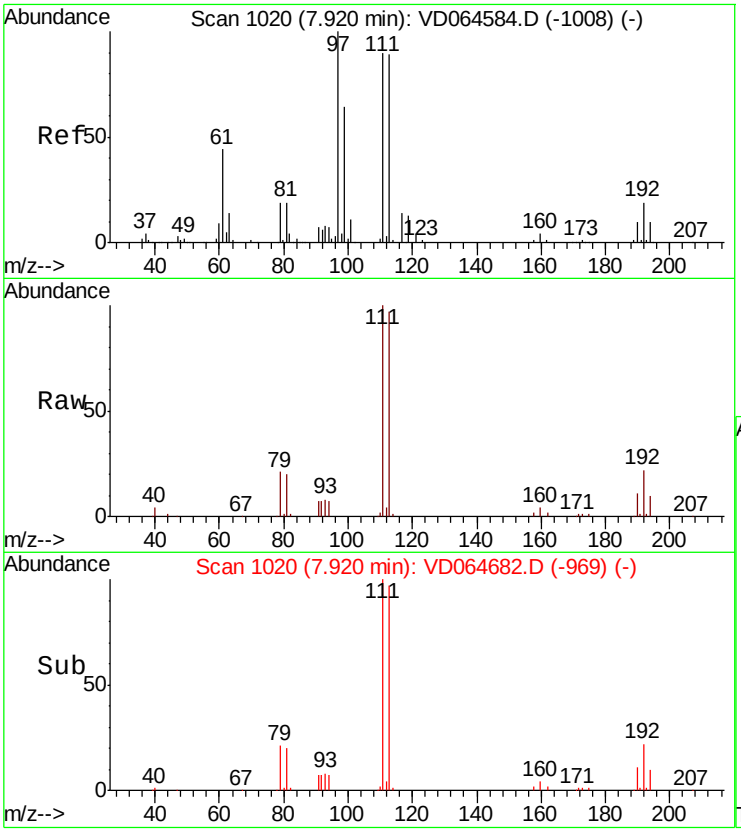


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion:114 Resp: 567821

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.0
88	14.7	0.0	29.2



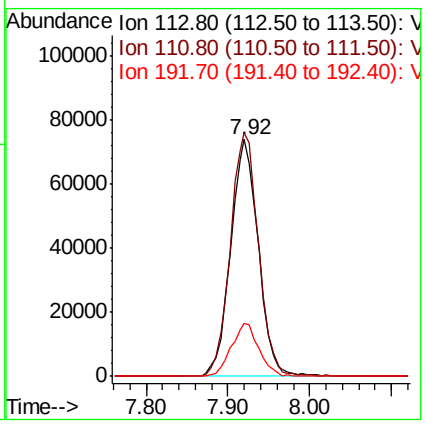


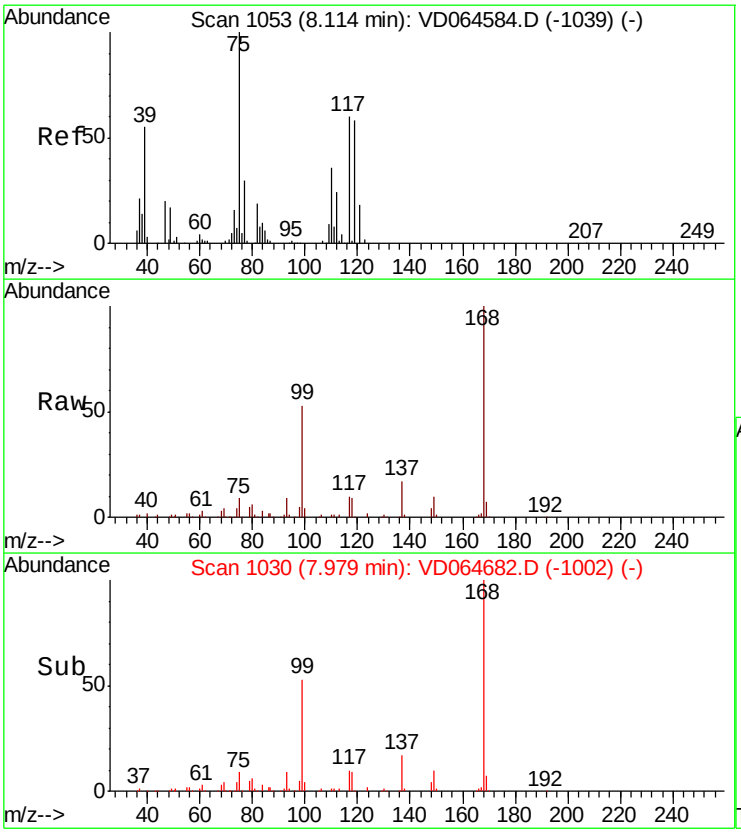
#35
Dibromofluoromethane
Concen: 49.816 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 173542

Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.6	121.0
192	22.1	17.9	26.9

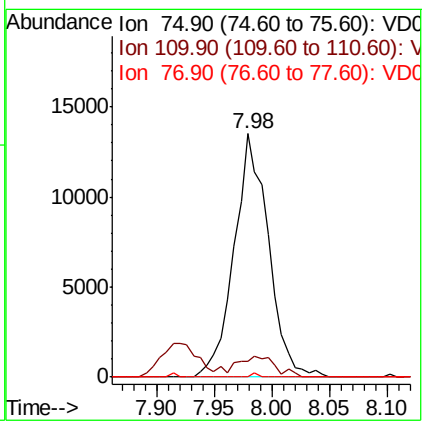


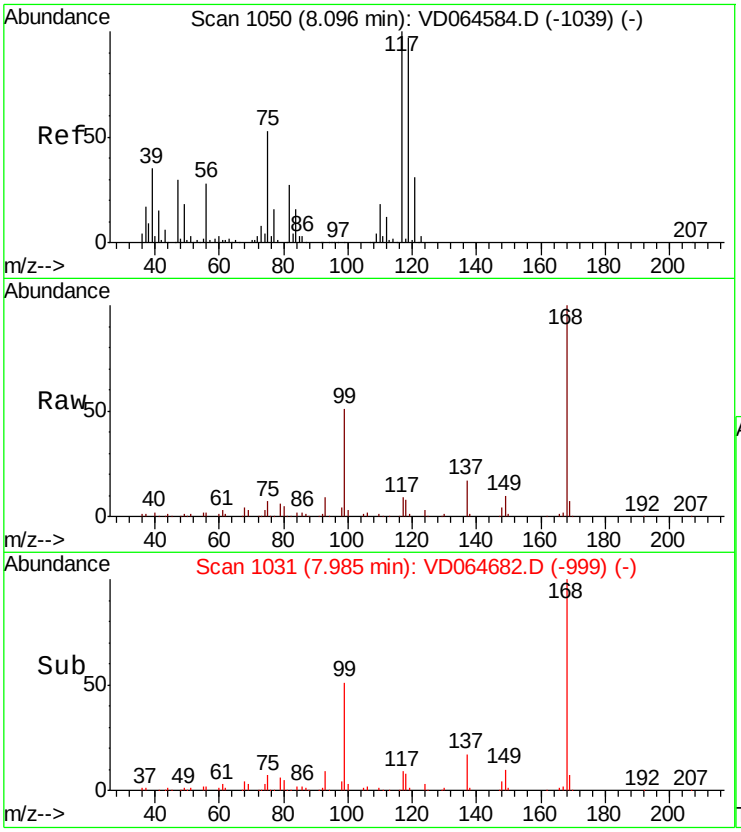


#36
1,1-Dichloropropene
Concen: 5.097 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.13 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 75 Resp: 27855

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.3	24.2	36.4#



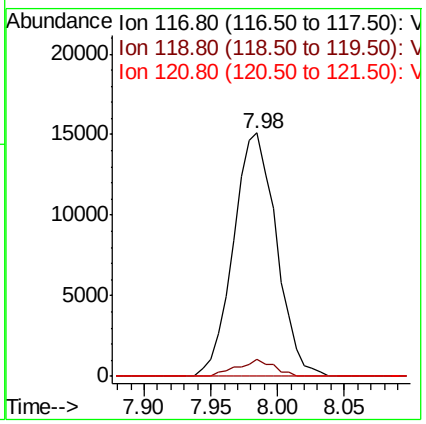


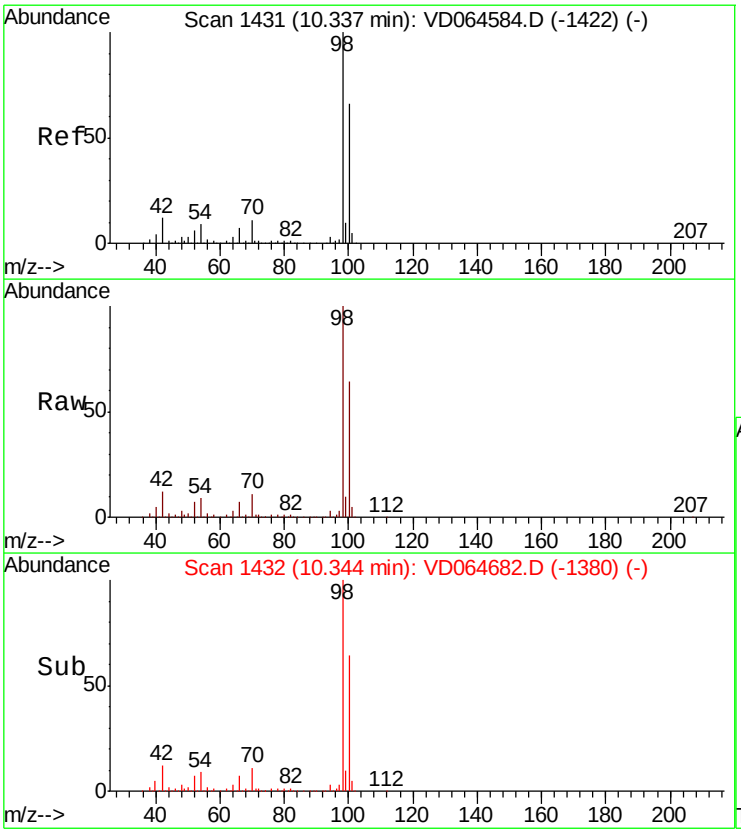
#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 33673

Ion	Ratio	Lower	Upper
117	100		
119	7.2	77.3	115.9#
121	0.0	25.0	37.6#

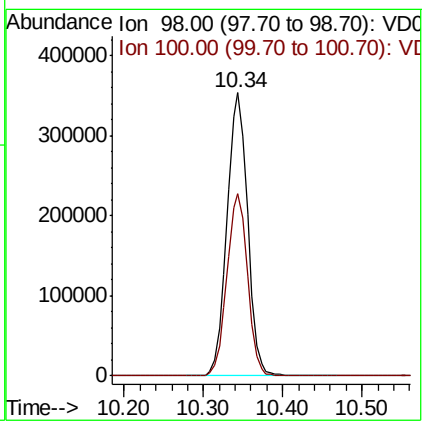


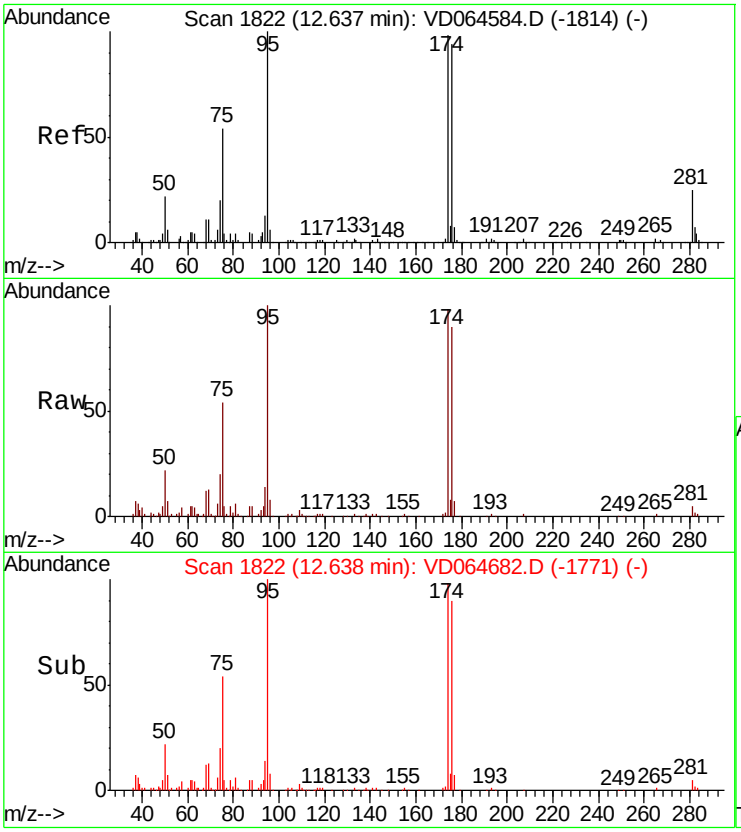


#50
Toluene-d8
Concen: 47.592 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 98 Resp: 634974

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5



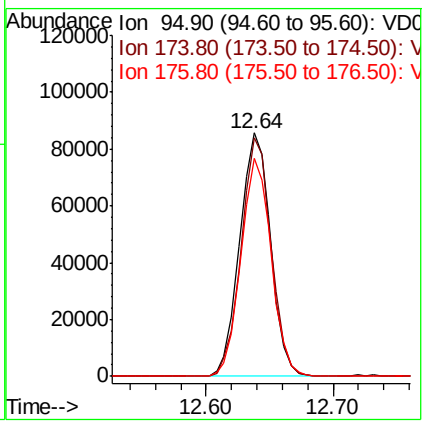


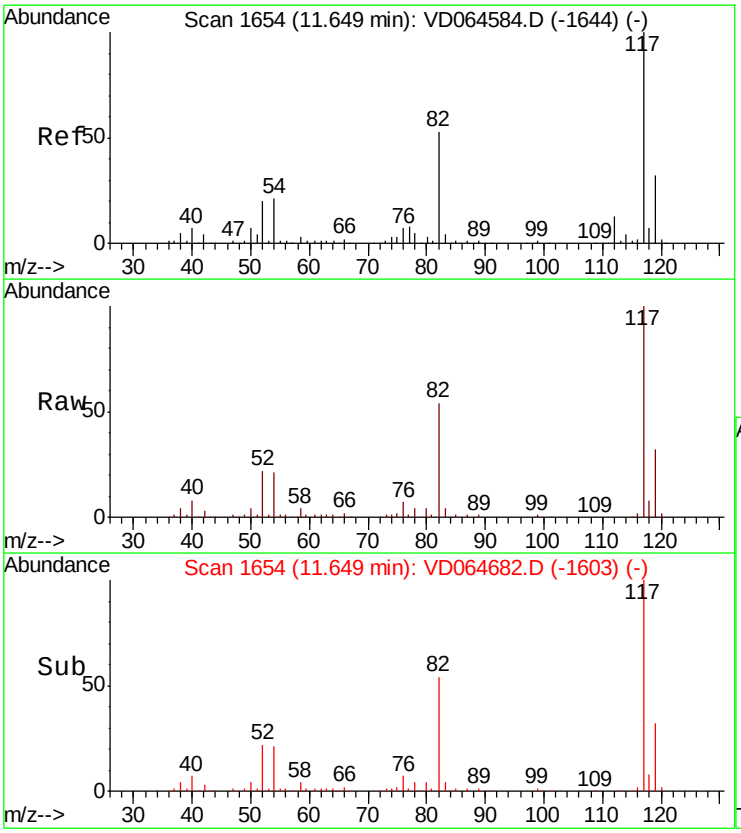
#62
4-Bromofluorobenzene
Concen: 34.236 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 144439

Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	193.2
176	87.8	0.0	184.2

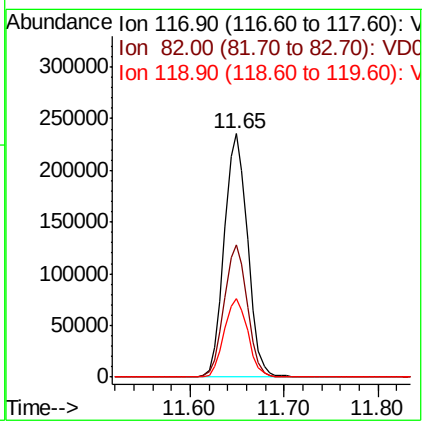


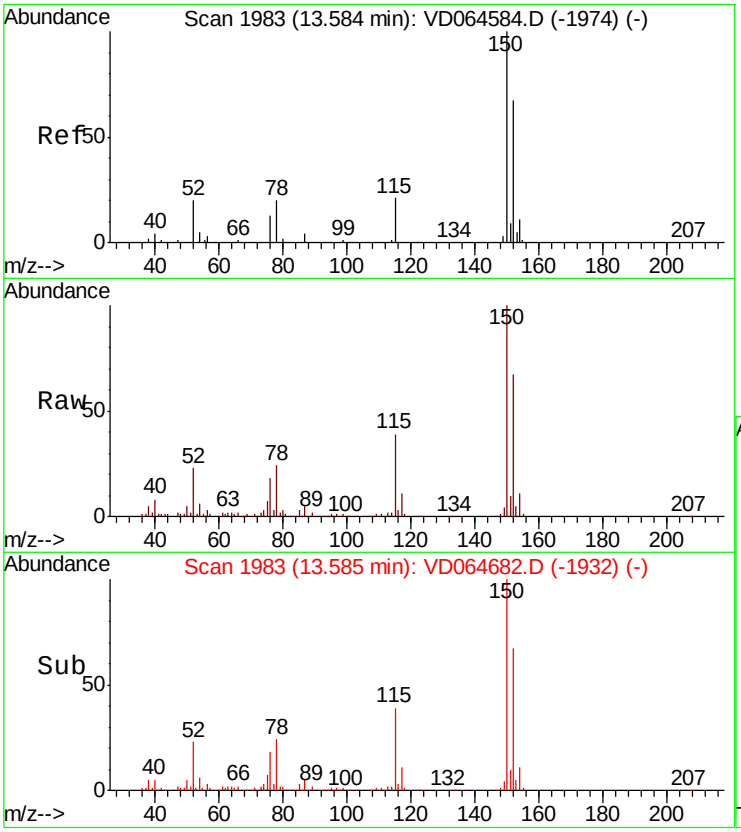


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion:117 Resp: 406342

Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.2	63.4
119	32.3	26.0	39.0



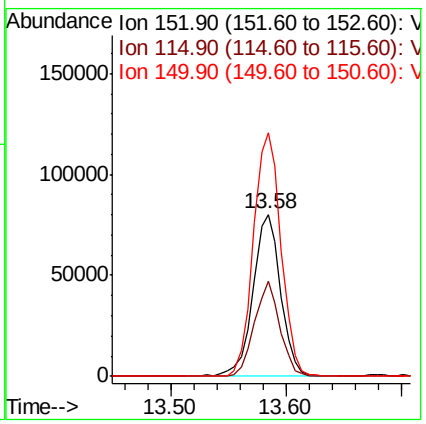


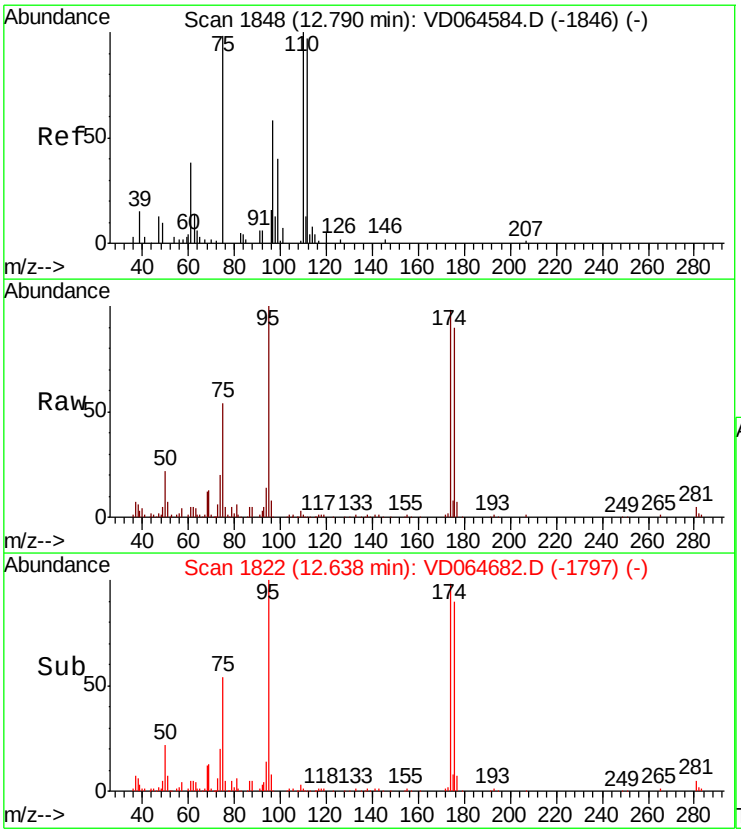
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 133972

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.8	83.4
150	149.7	0.0	351.4

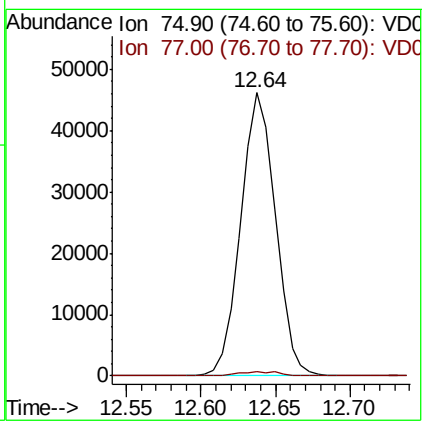


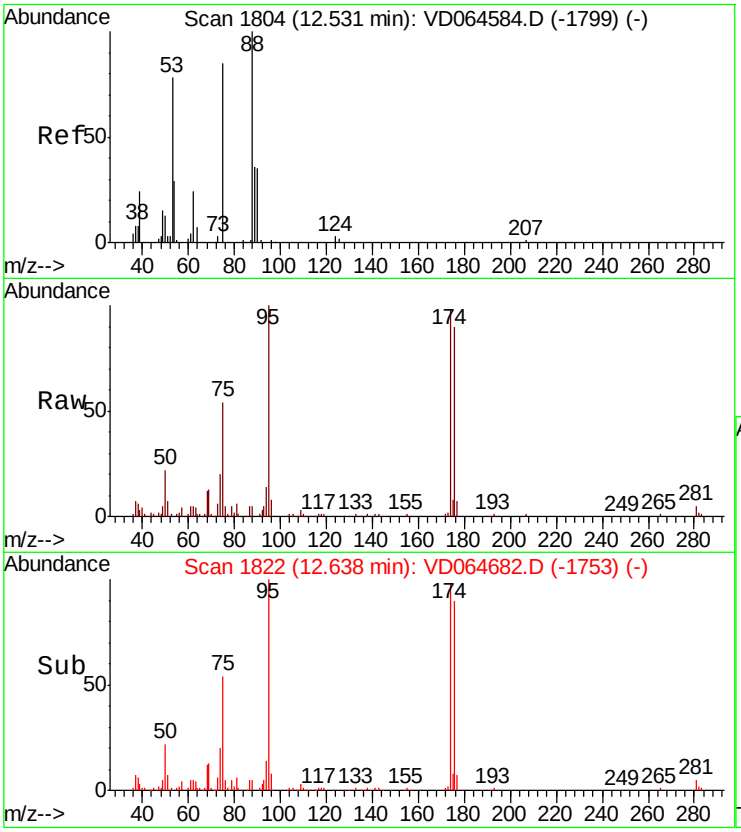


#76
1,2,3-Trichloropropane
Concen: 70.274 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 75 Resp: 74345

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 146.976 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 74345

Ion	Ratio	Lower	Upper
75	100		
53	1.0	78.8	118.2#
89	0.0	38.3	57.5#