Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111919\
Data File : VD064289.D
Acq On : 19 Nov 2019 14:56
Operator : VA/SY
Sample : K5918-01
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Nov 20 03:26:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	941244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1359617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1186272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	564887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	380074	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.20%			
35) Dibromofluoromethane	7.92	113	399089	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.28%			
50) Toluene-d8	10.34	98	1586141	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.74%			
62) 4-Bromofluorobenzene	12.64	95	503194	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.70%			
Target Compounds						Qvalue
10) Methyl Iodide	4.30	142	241	2.056	ug/l #	41
11) Tert butyl alcohol	5.24	59	3484	6.444	ug/l	95
31) Cyclohexane	7.98	56	18404	1.211	ug/l #	10
36) 1,1-Dichloropropene	7.98	75	62703	4.997	ug/l #	49
38) Carbon Tetrachloride	7.98	117	86966	6.477	ug/l #	15
68) m/p-Xylenes	11.86	106	34137	2.041	ug/l	97
69) o-Xylene	12.18	106	17136	1.105	ug/l	94
76) 1,2,3-Trichloropropane	12.64	75	256067	56.279	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	256067	111.791	ug/l #	10

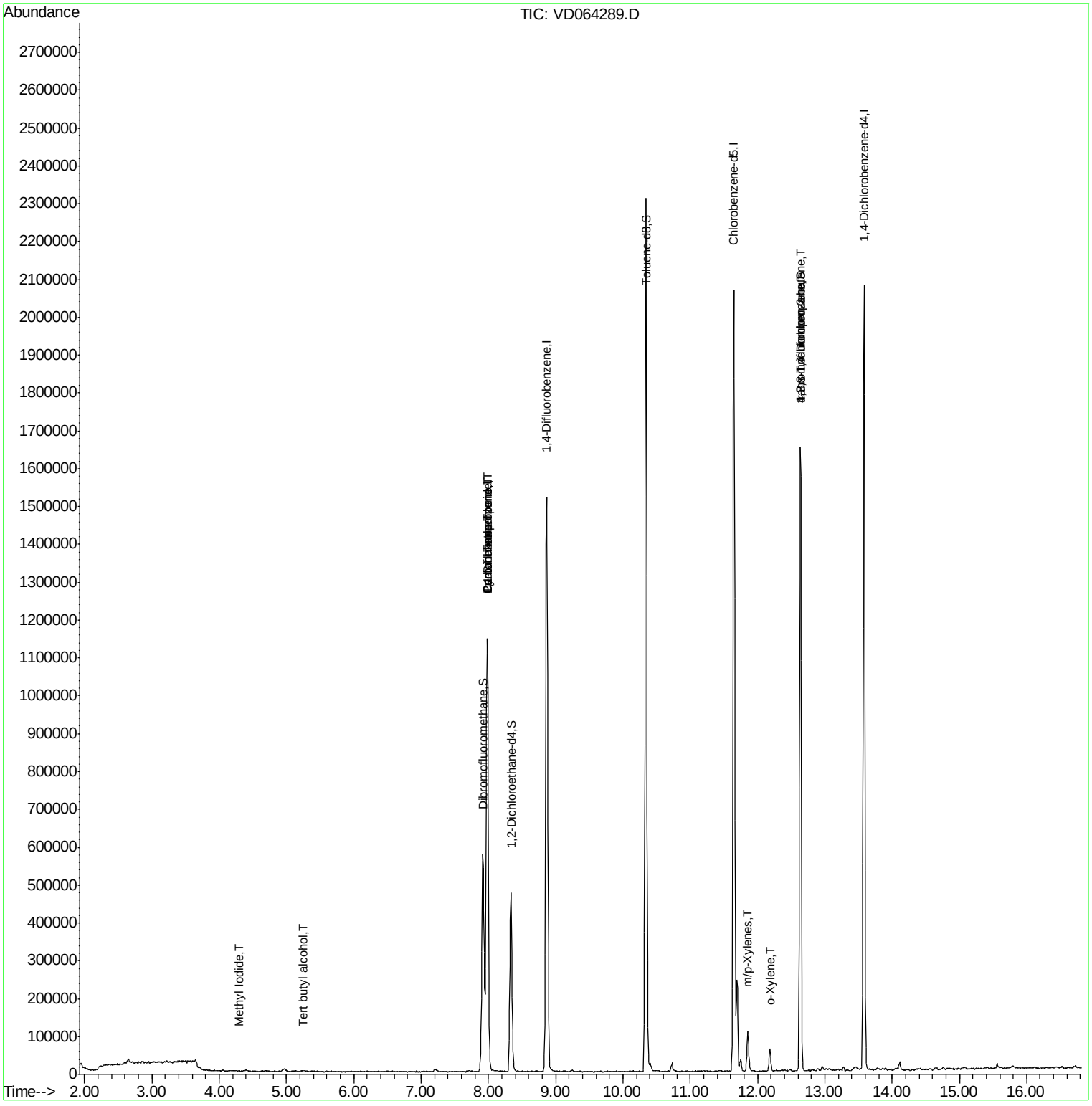
(#) = qualifier out of range (m) = manual integration (+) = signals summed

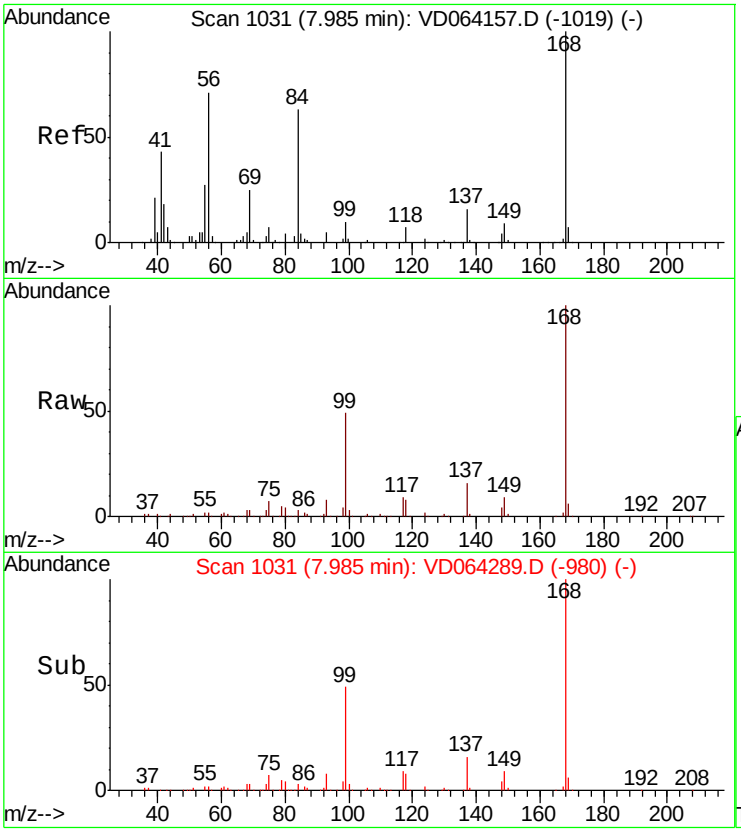
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111919\
Data File : VD064289.D
Acq On : 19 Nov 2019 14:56
Operator : VA/SY
Sample : K5918-01
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 20 03:26:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration



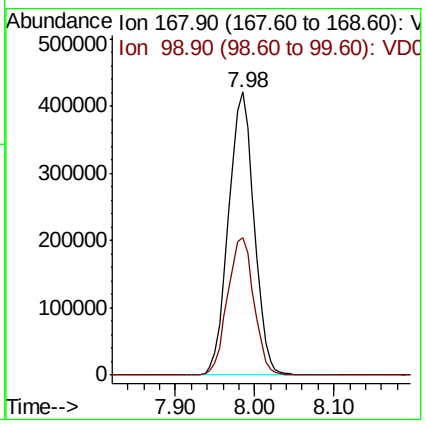


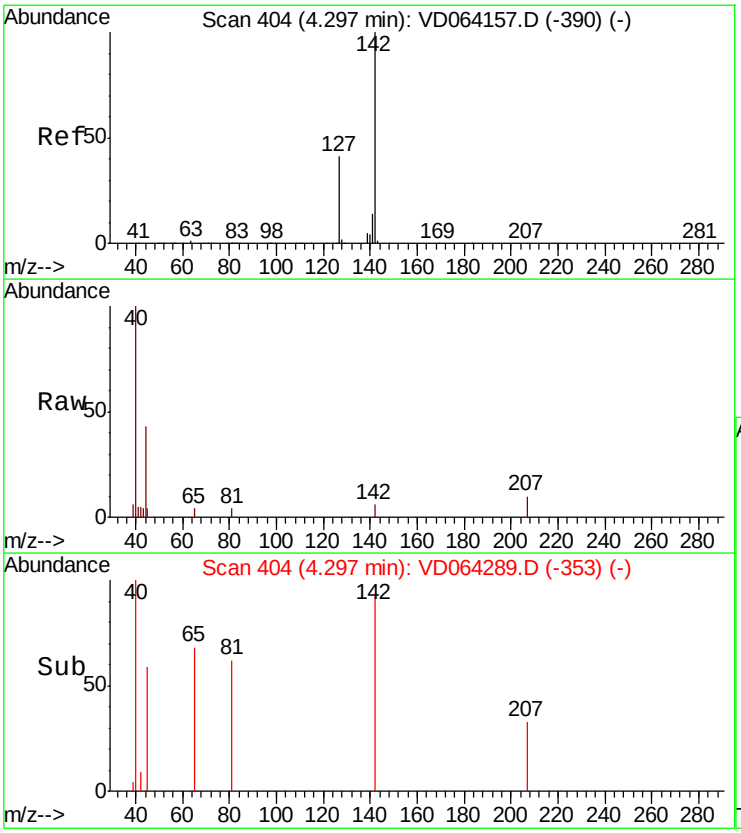
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 941244

Ion	Ratio	Lower	Upper
168	100		
99	48.7	41.6	62.4

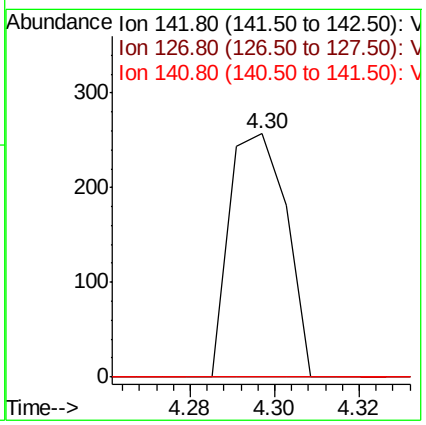


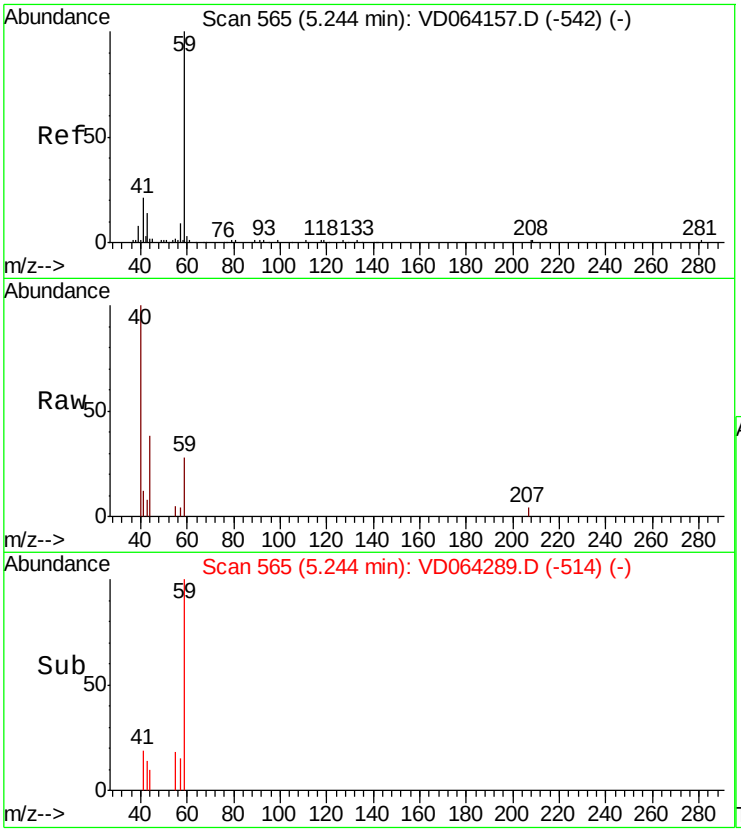


#10
Methyl Iodide
Concen: 2.056 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Tgt Ion:142 Resp: 241

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.4	51.6#
141	0.0	11.2	16.8#



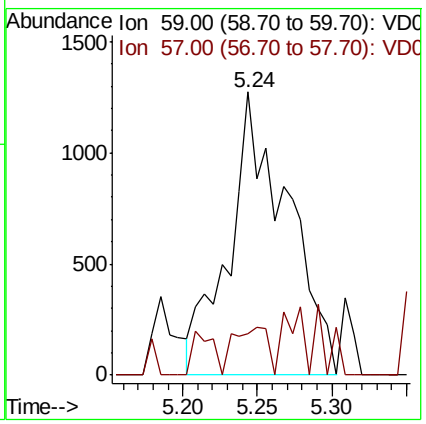


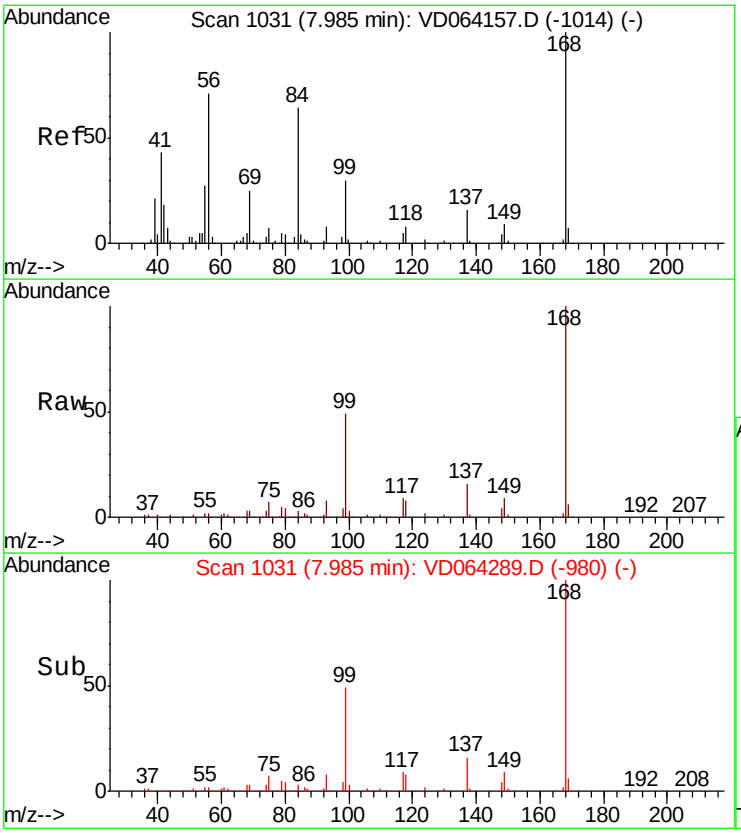
#11
Tert butyl alcohol
Concen: 6.444 ug/l
RT: 5.24 min Scan# 565
Delta R.T. 0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 3484

Ion	Ratio	Lower	Upper
59	100		
57	9.9	9.4	14.2

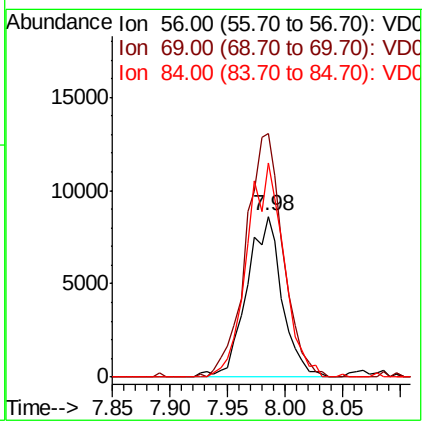


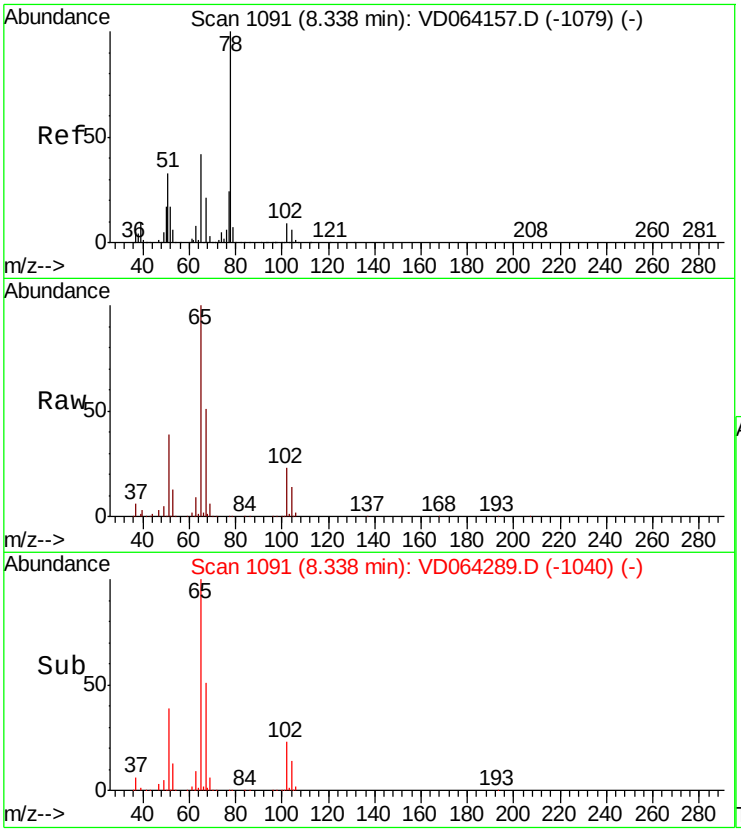


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Tgt Ion: 56 Resp: 18404

Ion	Ratio	Lower	Upper
56	100		
69	151.5	28.2	42.4#
84	133.6	71.8	107.6#



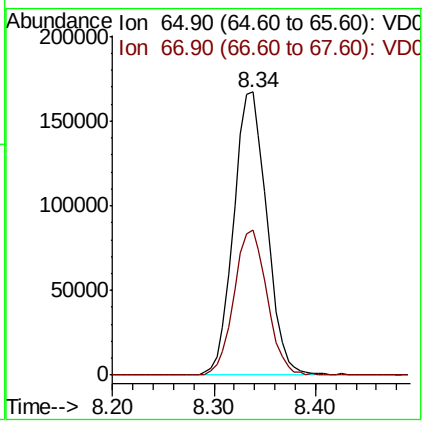


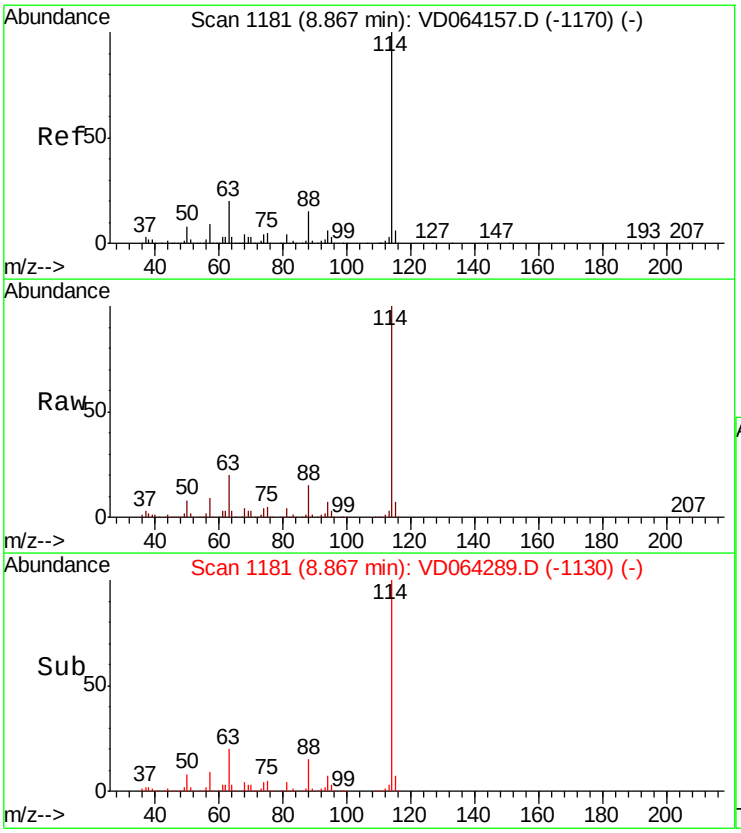
#33
1,2-Dichloroethane-d4
Concen: 49.098 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 380074

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.4

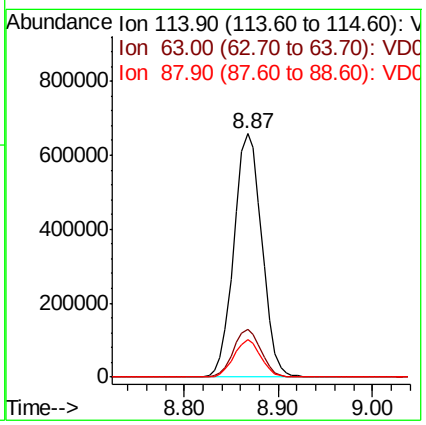


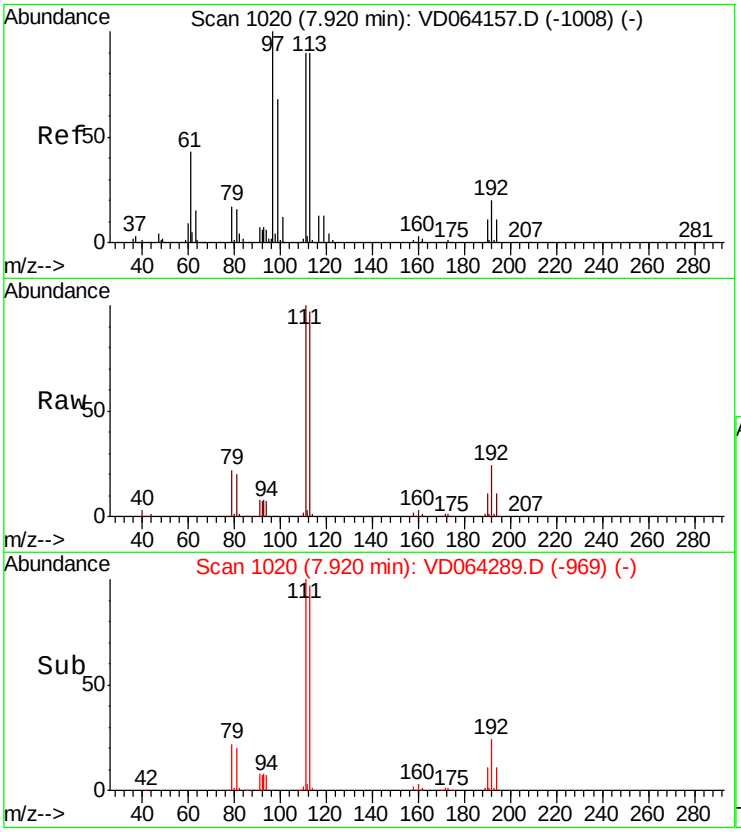


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Tgt Ion:114 Resp: 1359617

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	15.3	0.0	30.2



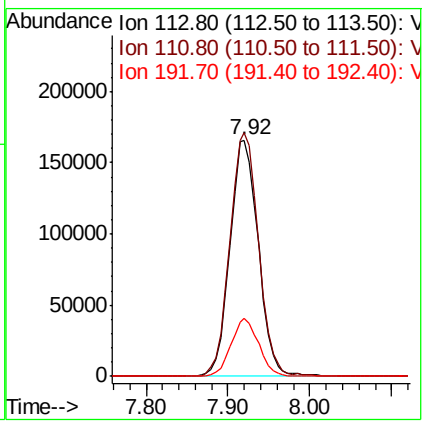


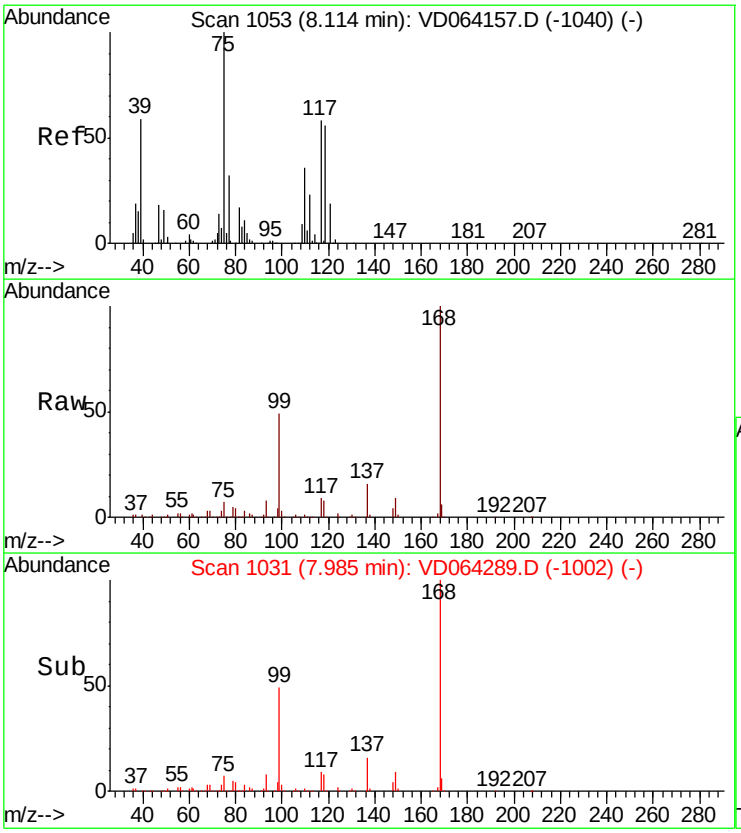
#35
Dibromofluoromethane
Concen: 51.136 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 399089

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.5	122.3
192	24.1	18.8	28.2

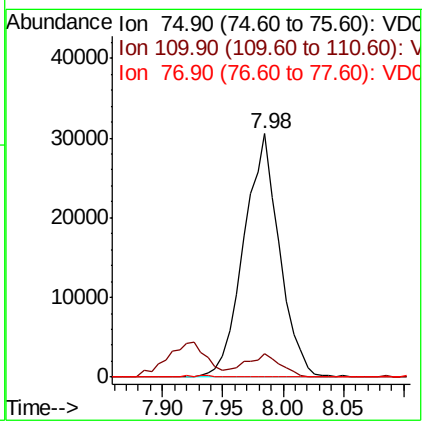


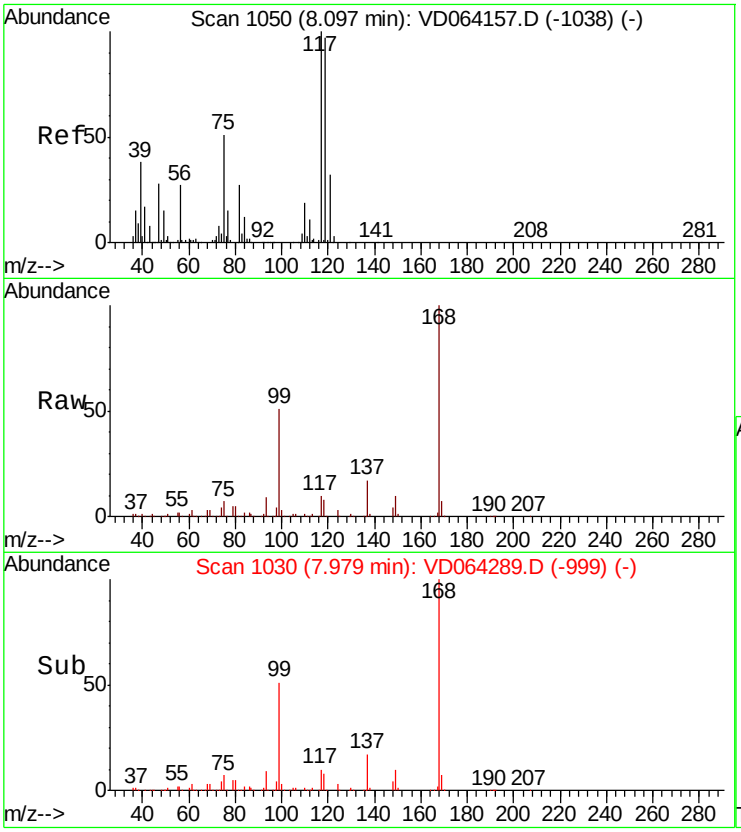


#36
1,1-Dichloropropene
Concen: 4.997 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Tgt Ion: 75 Resp: 62703

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.3	54.9#
77	0.0	25.0	37.6#



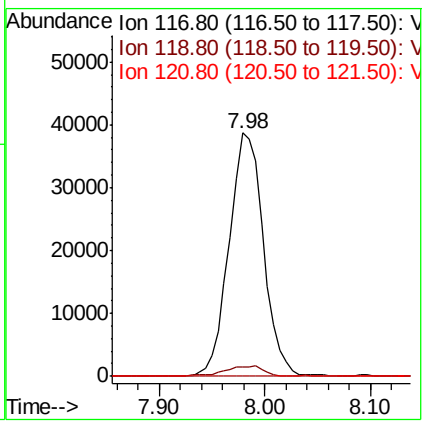


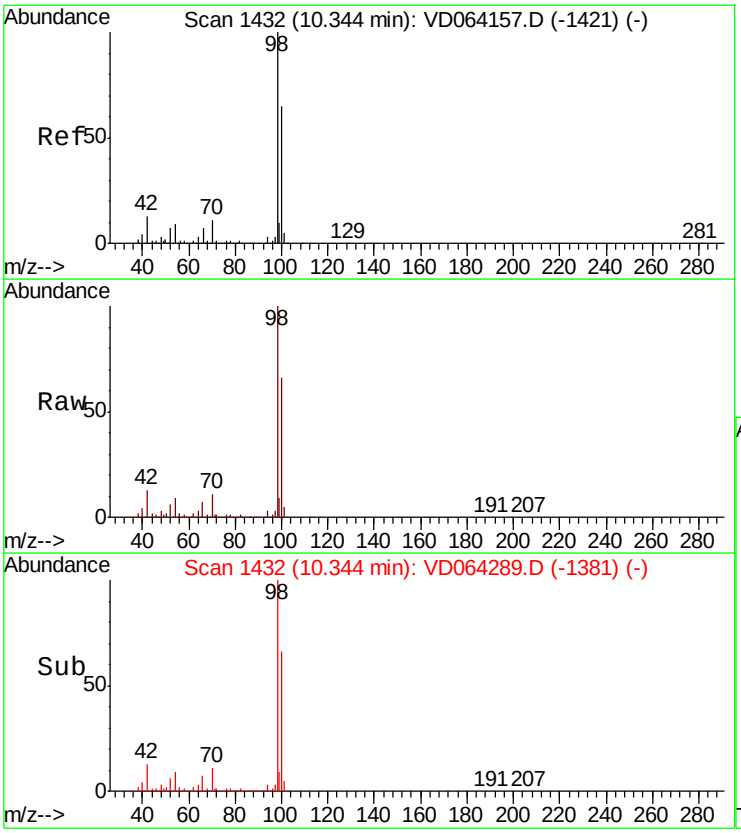
#38
Carbon Tetrachloride
Concen: 6.477 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 86966

Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.2	115.8#
121	0.0	25.5	38.3#

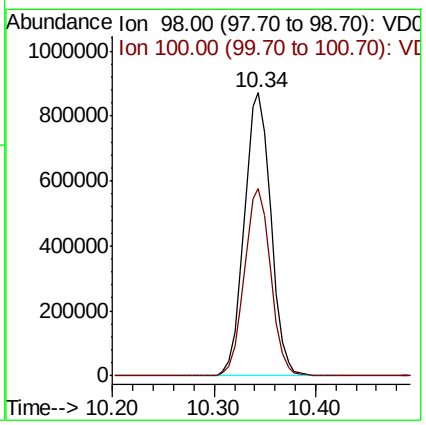


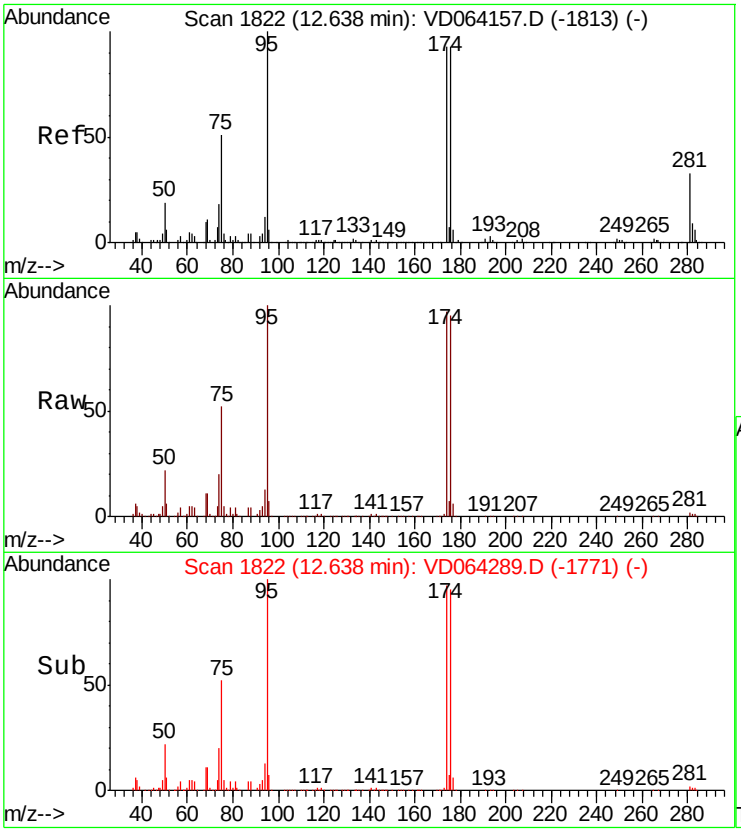


#50
Toluene-d8
Concen: 53.874 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Tgt Ion: 98 Resp: 1586141

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8



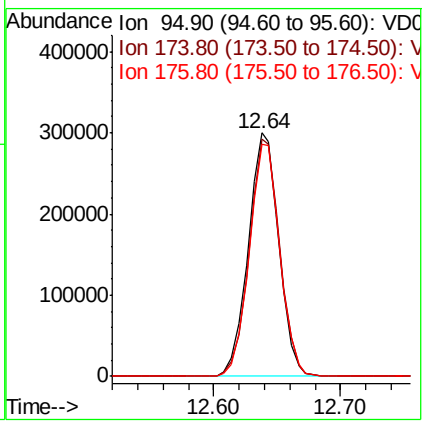


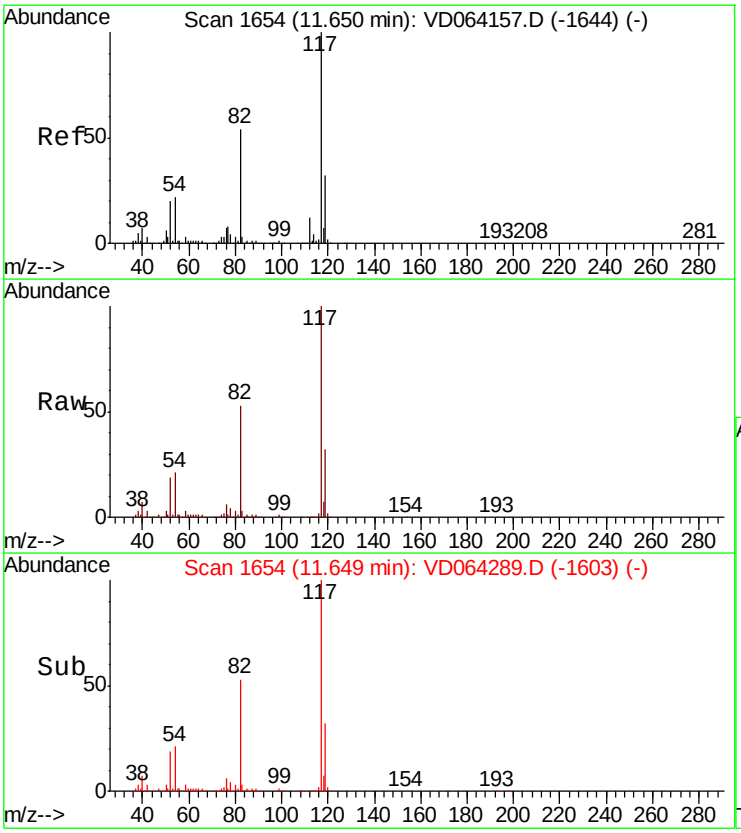
#62
4-Bromofluorobenzene
Concen: 49.353 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 503194

Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	183.6
176	95.1	0.0	180.2

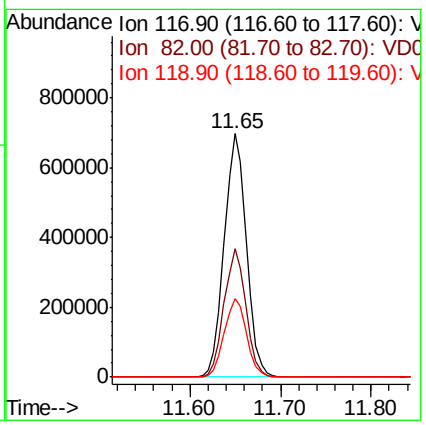


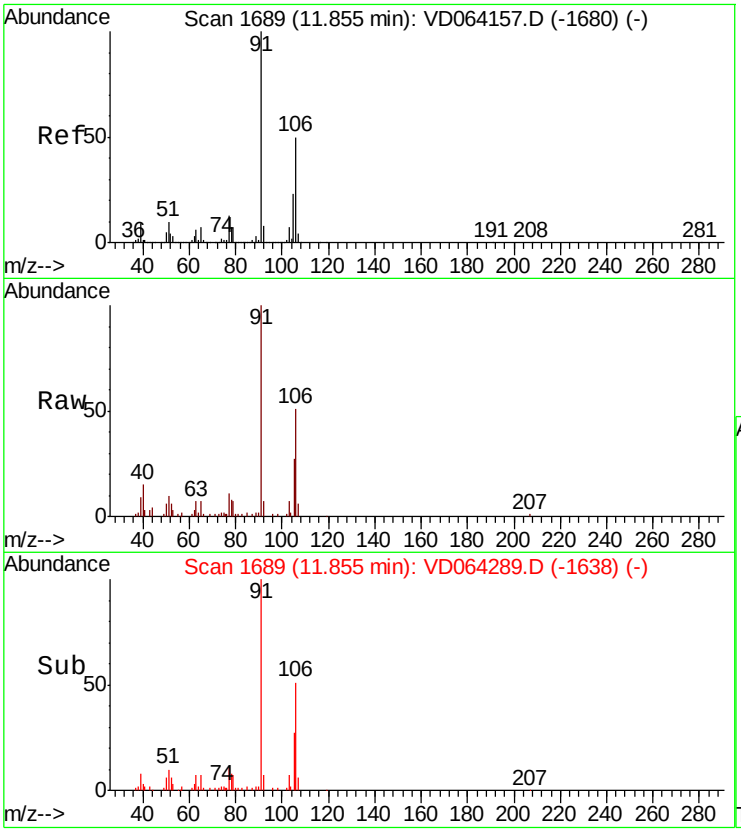


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Tgt Ion:117 Resp: 1186272

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.8	64.2
119	32.4	25.6	38.4



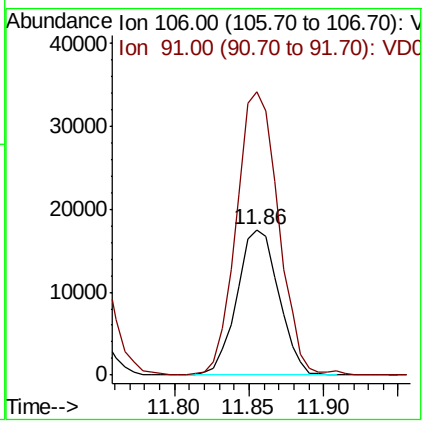


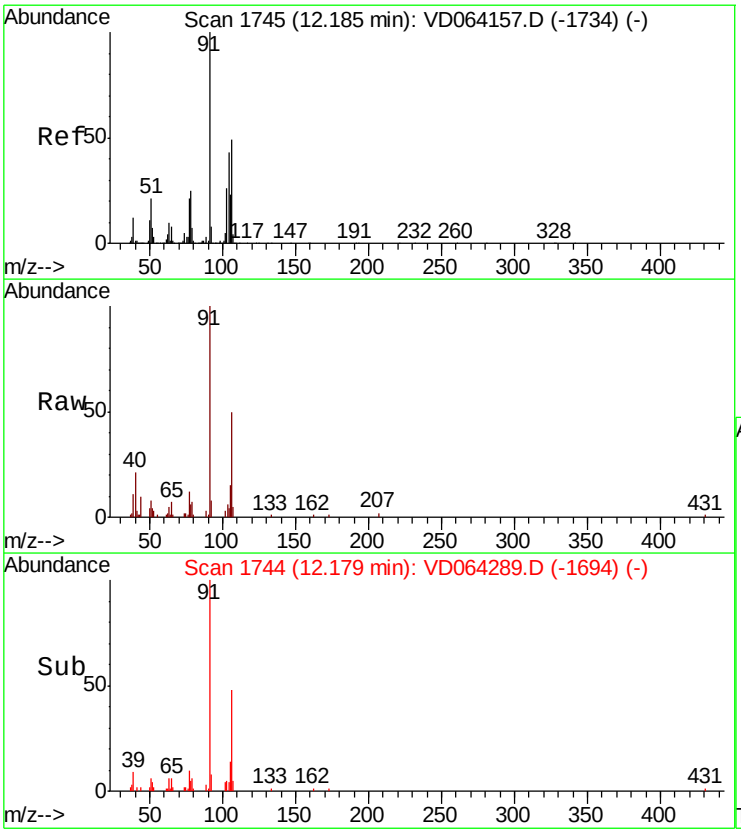
#68
m/p-Xylenes
Concen: 2.041 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 34137

Ion	Ratio	Lower	Upper
106	100		
91	196.2	160.3	240.5

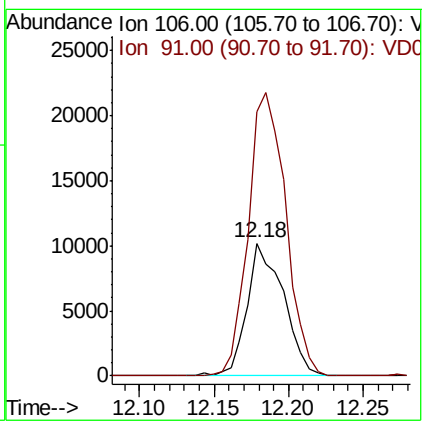


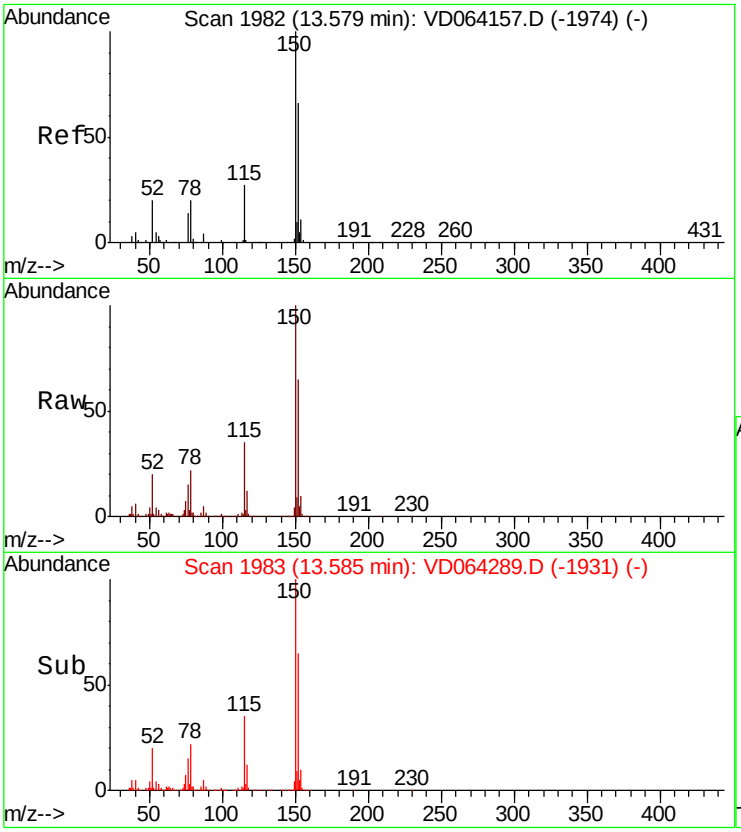


#69
o-Xylene
Concen: 1.105 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Tgt Ion:106 Resp: 17136

Ion	Ratio	Lower	Upper
106	100		
91	219.6	105.1	315.3



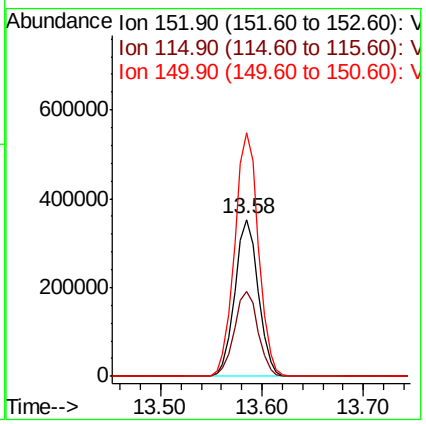


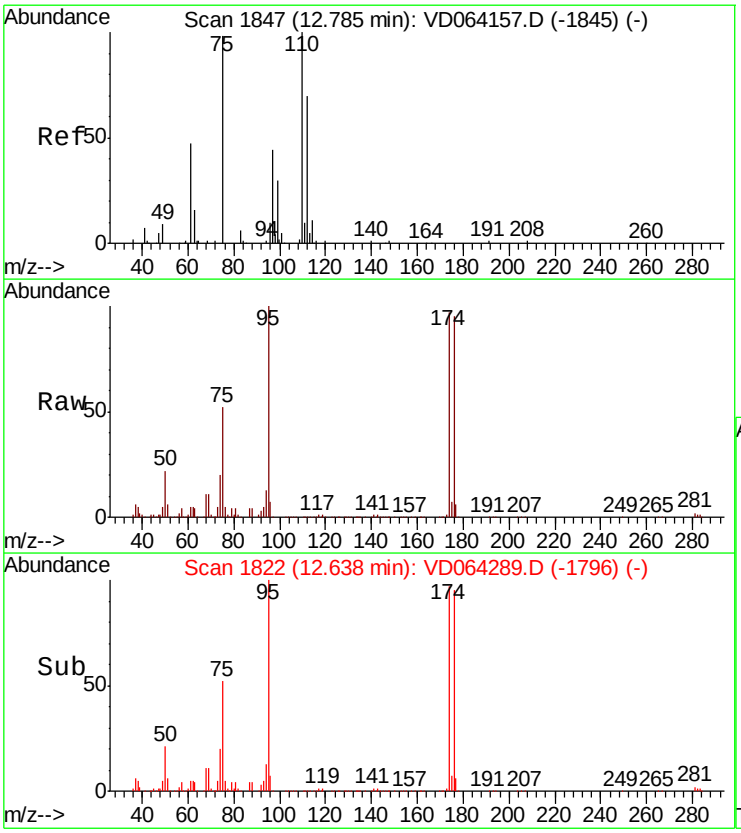
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 564887

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.4	82.2
150	157.4	0.0	351.6

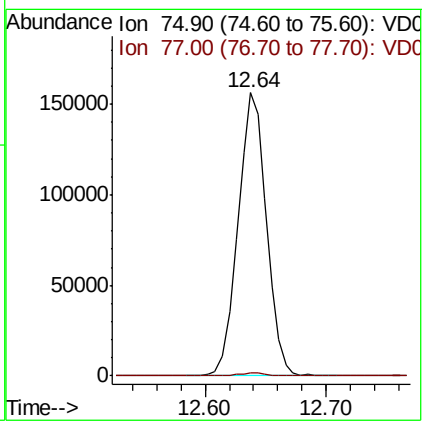


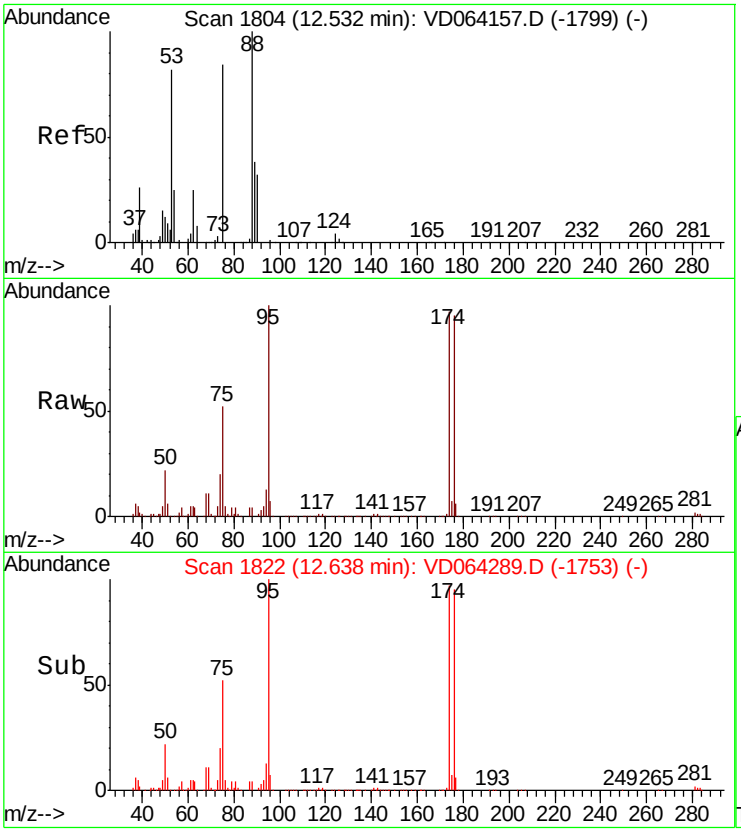


#76
1,2,3-Trichloropropane
Concen: 56.279 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Tgt Ion: 75 Resp: 256067

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.791 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064289.D
Acq: 19 Nov 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 256067

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.4	119.0#
89	0.0	36.6	55.0#