Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123019\
Data File : VD064678.D
Acq On : 30 Dec 2019 15:09
Operator : VA/SY
Sample : K6439-16
Misc : 4.42G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : LIED-BF013-01

Quant Time: Dec 31 07:09:36 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	9924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	14198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	12589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	5497	62.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 125.64%			
35) Dibromofluoromethane	7.92	113	4424	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.58%			
50) Toluene-d8	10.34	98	15928	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.48%			
62) 4-Bromofluorobenzene	12.64	95	4860	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.14%			
Target Compounds						Qvalue
3) Chloromethane	2.20	50	118	1.094	ug/l #	42
5) Bromomethane	2.80	94	98	1.025	ug/l #	2
16) Acetone	4.16	43	60	7.055	ug/l #	42
18) Methyl Acetate	4.63	43	58	1.177	ug/l #	51
25) 2-Butanone	7.24	43	62	2.578	ug/l #	49
27) cis-1,2-Dichloroethene	7.24	96	132	1.230	ug/l #	1
29) Tetrahydrofuran	7.55	42	58	3.877	ug/l #	33
36) 1,1-Dichloropropene	7.98	75	720	5.269	ug/l #	41
37) Ethyl Acetate	7.24	43	62	1.155	ug/l #	70
38) Carbon Tetrachloride	7.98	117	1029	7.062	ug/l #	12
41) Methacrylonitrile	7.43	41	74	2.376	ug/l #	24
48) Methyl methacrylate	9.46	41	63	1.252	ug/l #	15
51) 4-Methyl-2-Pentanone	10.19	43	63	1.193	ug/l #	37
59) 2-Hexanone	10.99	43	100	2.790	ug/l #	26
68) m/p-Xylenes	11.86	106	209	1.142	ug/l #	67
74) N-amyl acetate	12.24	43	98	1.146	ug/l #	43
76) 1,2,3-Trichloropropane	12.63	75	2563	57.980	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	2563	121.262	ug/l #	10
95) Naphthalene	15.41	128	268	1.440	ug/l #	69

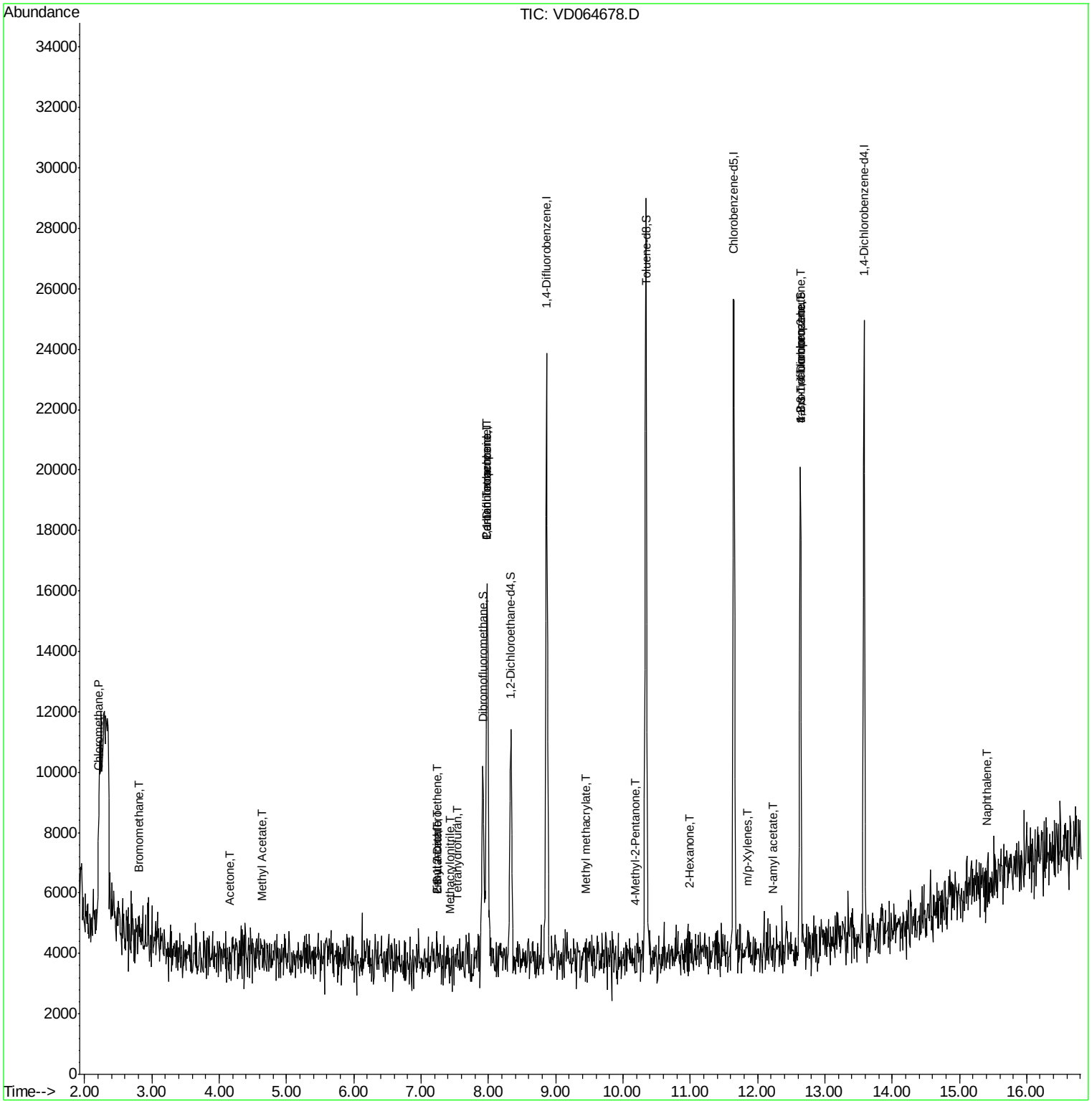
(#) = qualifier out of range (m) = manual integration (+) = signals summed

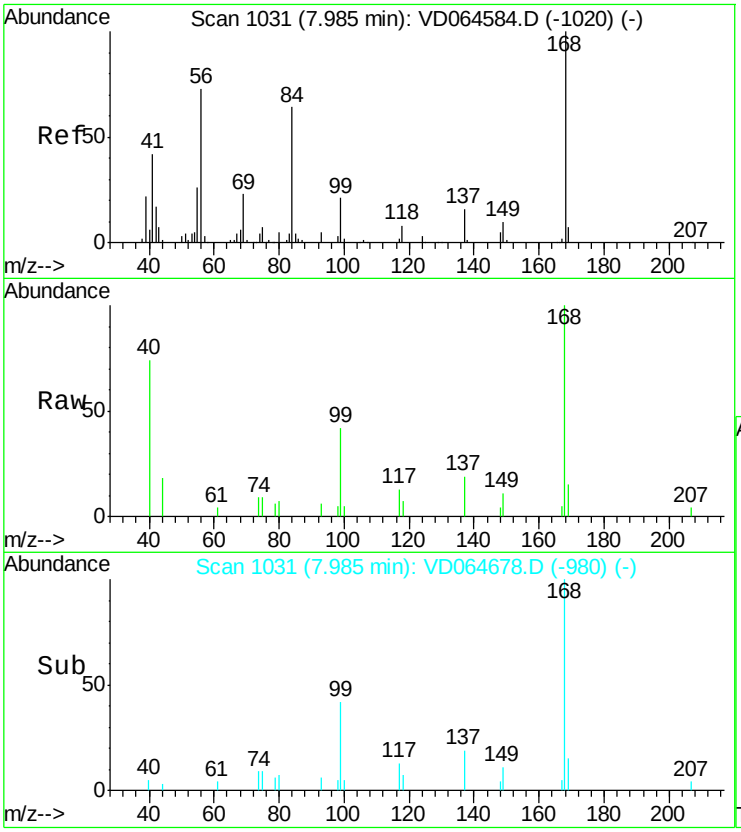
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123019\
Data File : VD064678.D
Acq On : 30 Dec 2019 15:09
Operator : VA/SY
Sample : K6439-16
Misc : 4.42G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF013-01

Quant Time: Dec 31 07:09:36 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



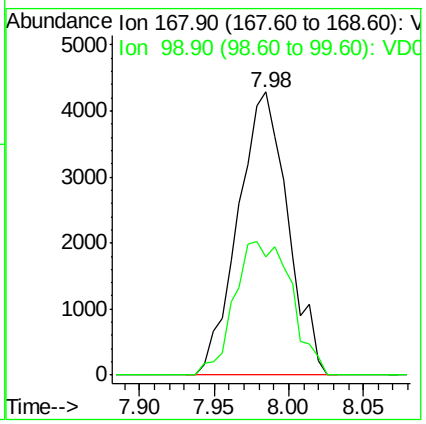


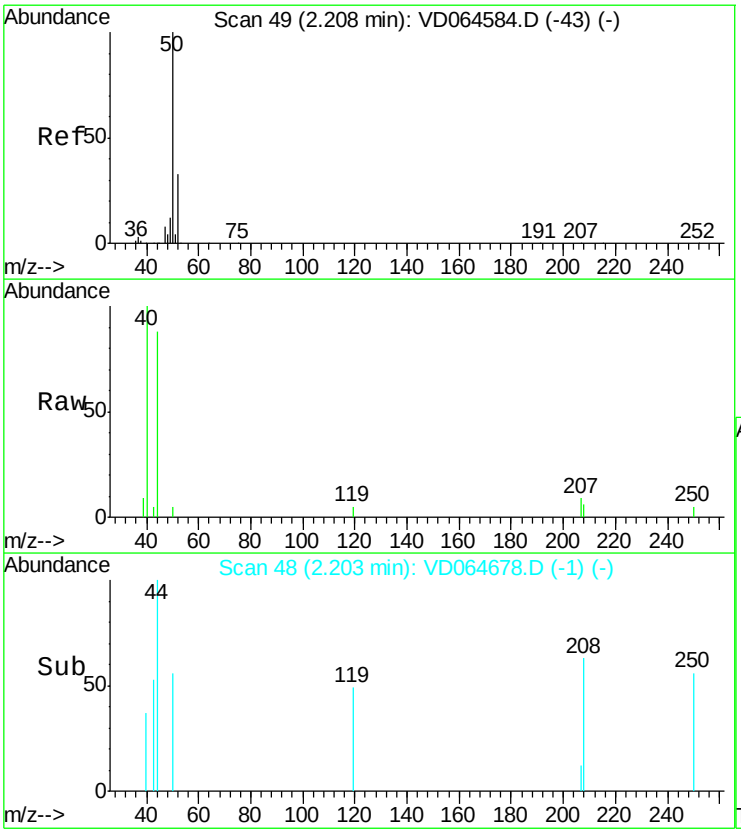
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF013-01

Tgt Ion:168 Resp: 9924

Ion	Ratio	Lower	Upper
168	100		
99	41.7	41.8	62.6#

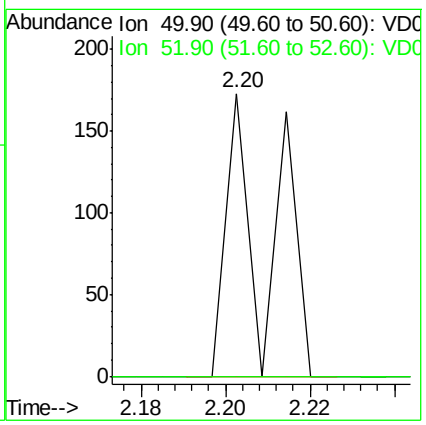


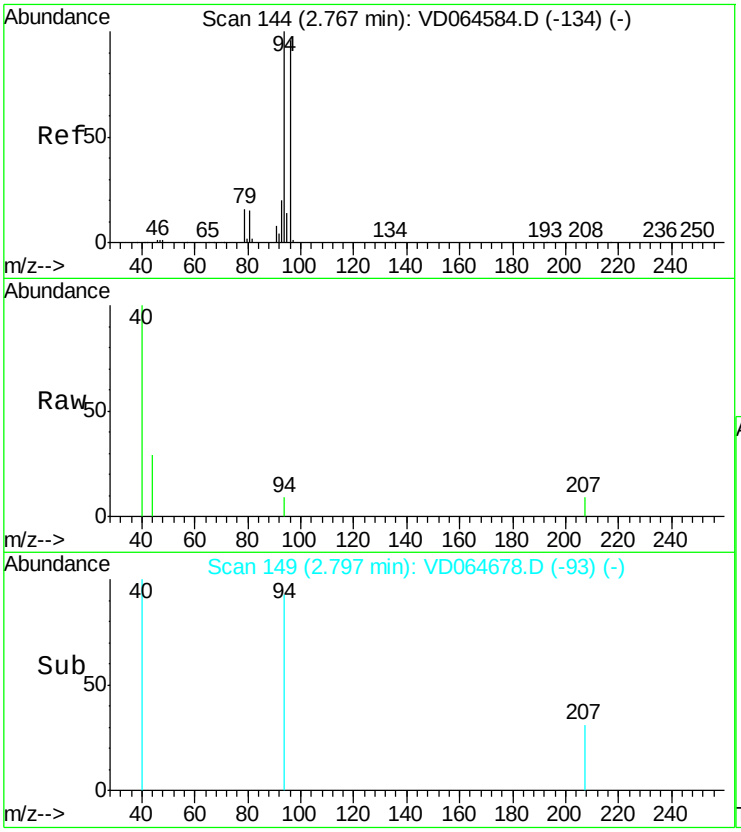


#3
Chloromethane
Concen: 1.094 ug/l
RT: 2.20 min Scan# 48
Delta R.T. -0.01 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion: 50 Resp: 118

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.5	39.7#



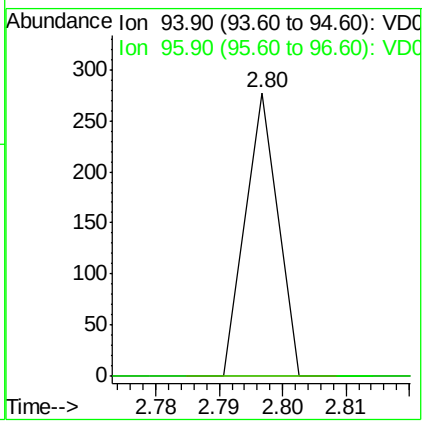


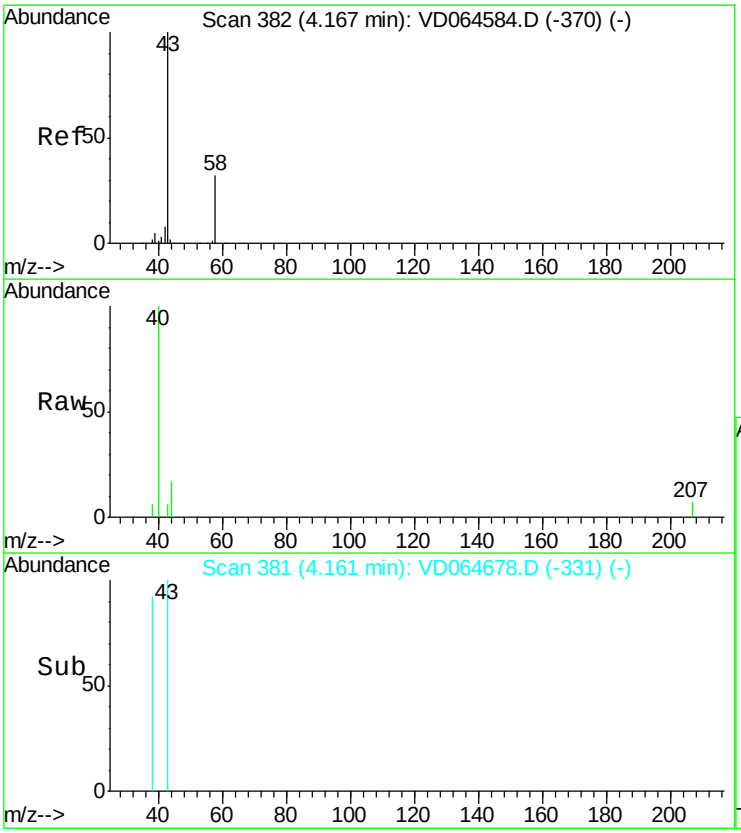
#5
Bromomethane
Concen: 1.025 ug/l
RT: 2.80 min Scan# 149
Delta R.T. 0.03 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument : MSVOA_D
ClientSampleId : LIED-BF013-01

Tgt Ion: 94 Resp: 98

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.2	115.8#

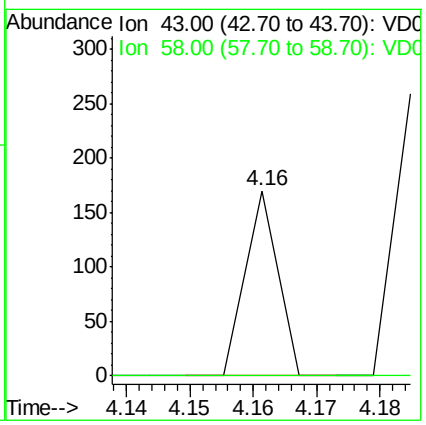


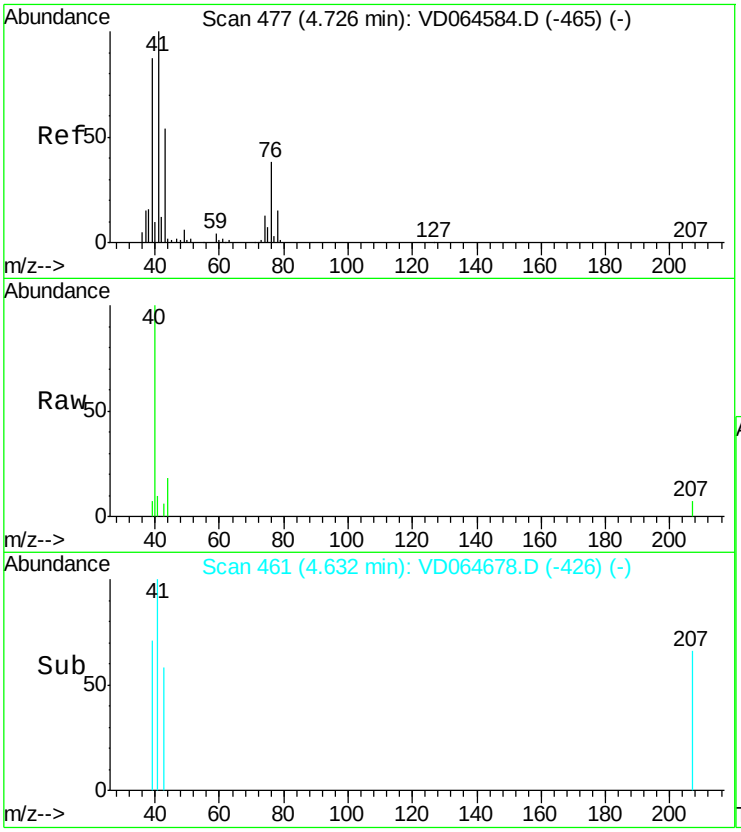


#16
Acetone
Concen: 7.055 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion: 43 Resp: 60

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.8	38.6#



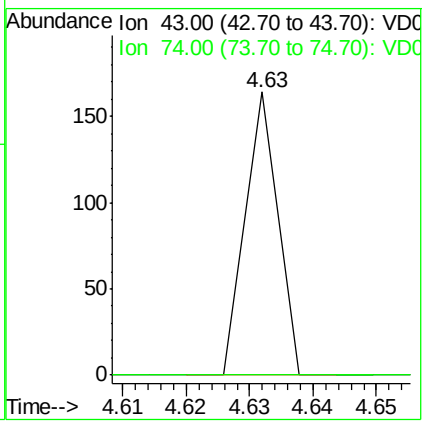


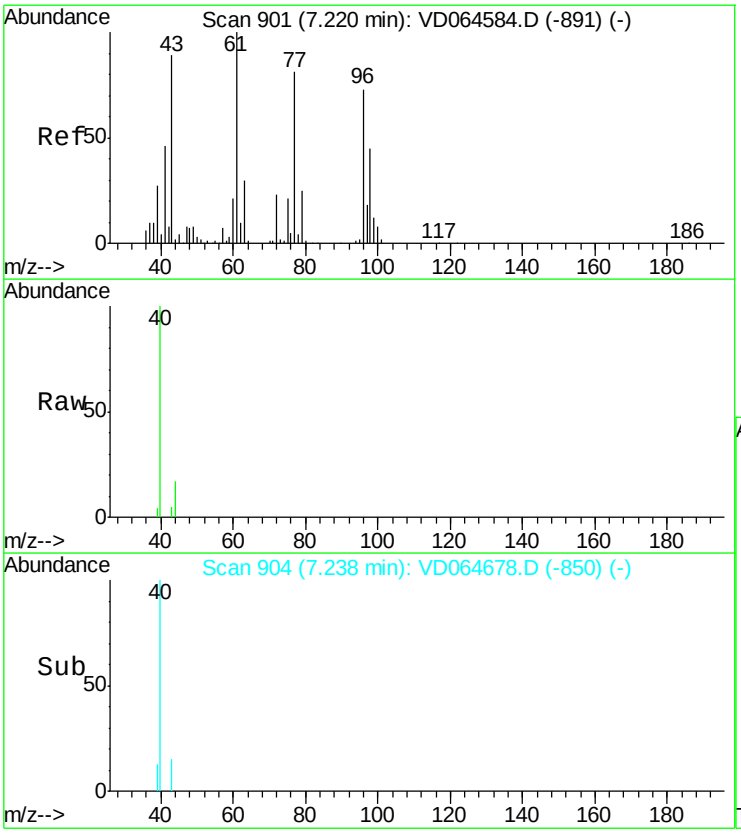
#18
Methyl Acetate
Concen: 1.177 ug/l
RT: 4.63 min Scan# 461
Delta R.T. -0.09 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument : MSVOA_D
ClientSampleId : LIED-BF013-01

Tgt Ion: 43 Resp: 58

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#

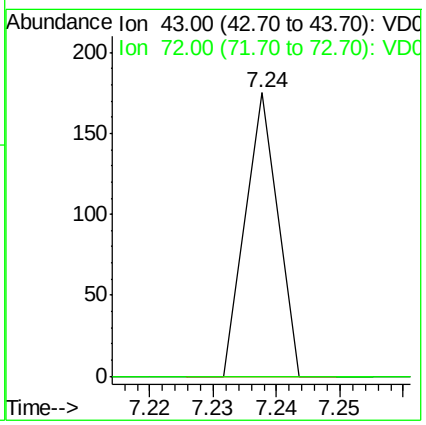


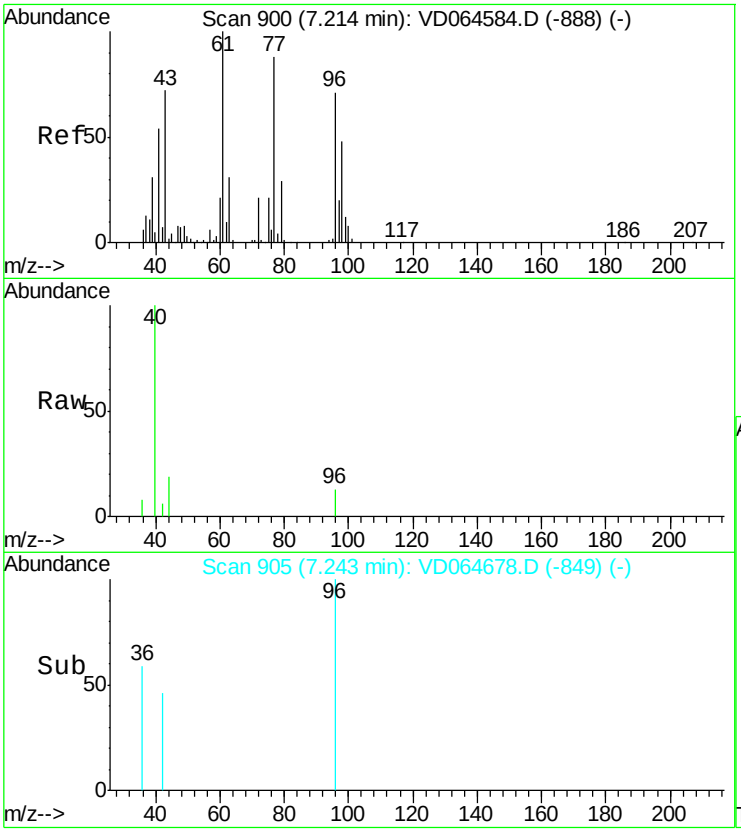


#25
2-Butanone
Concen: 2.578 ug/l
RT: 7.24 min Scan# 904
Delta R.T. 0.02 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion: 43 Resp: 62

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#



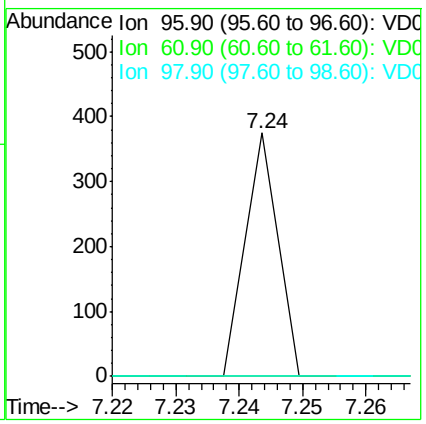


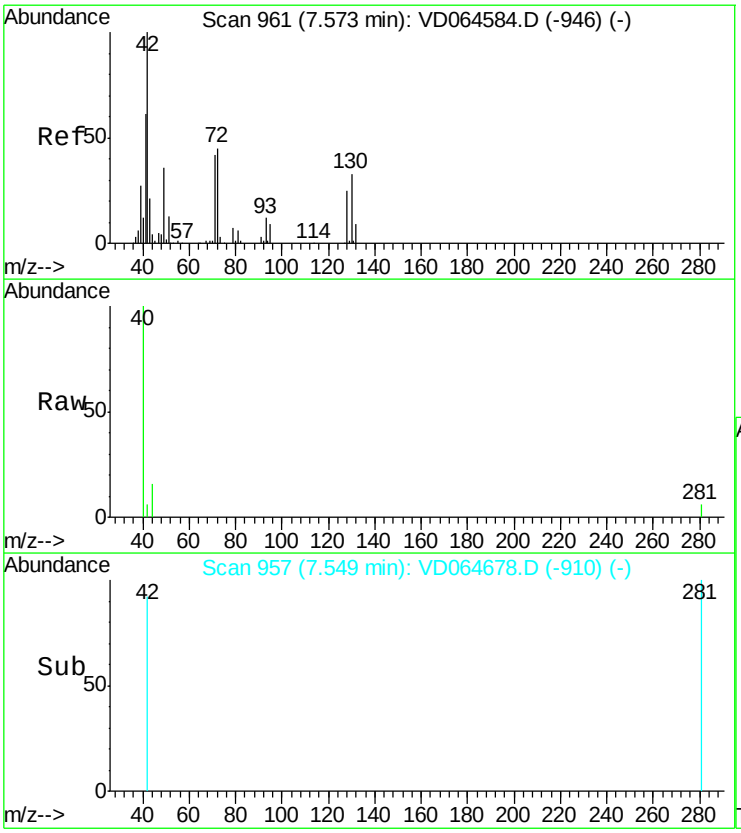
#27
cis-1,2-Dichloroethene
Concen: 1.230 ug/l
RT: 7.24 min Scan# 905
Delta R.T. 0.03 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF013-01

Tgt Ion: 96 Resp: 132

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	282.6
98	0.0	0.0	130.8

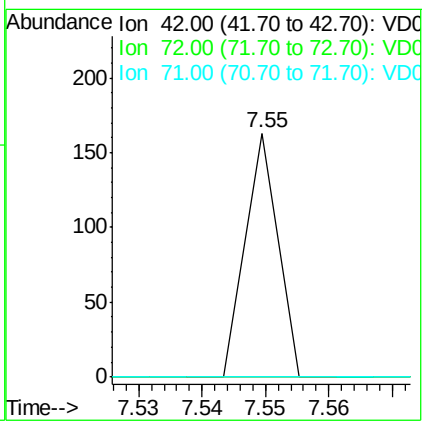


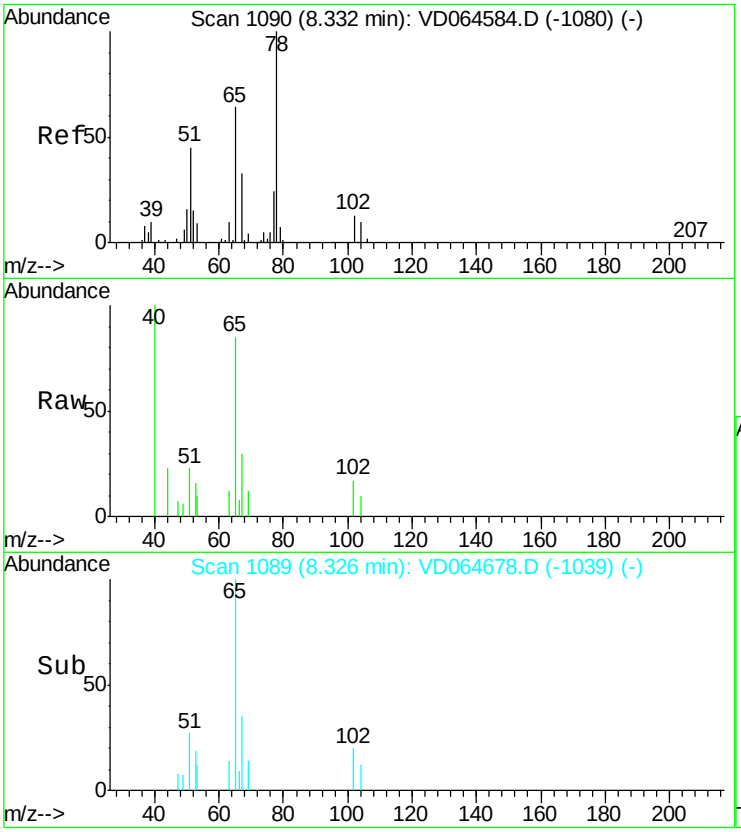


#29
Tetrahydrofuran
Concen: 3.877 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.02 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion: 42 Resp: 58

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.4#
71	0.0	32.9	49.3#



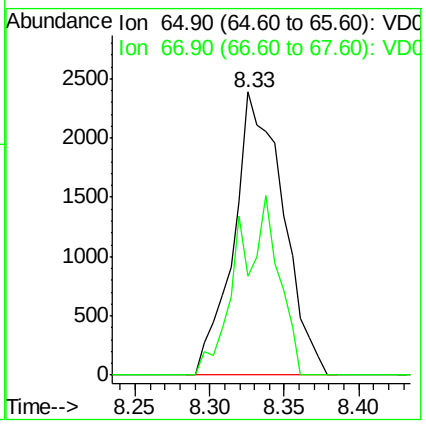


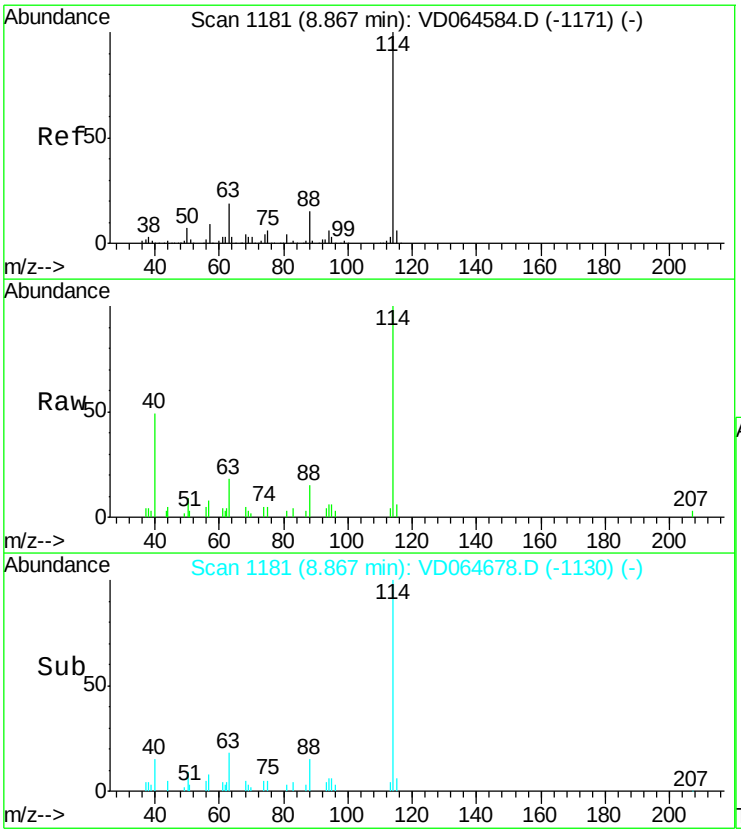
#33
1,2-Dichloroethane-d4
Concen: 62.817 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument : MSVOA_D
ClientSampleId : LIED-BF013-01

Tgt Ion: 65 Resp: 5497

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2

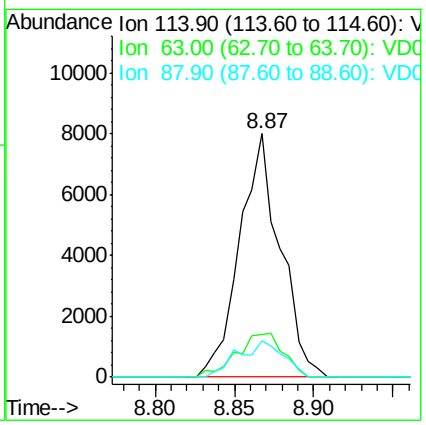


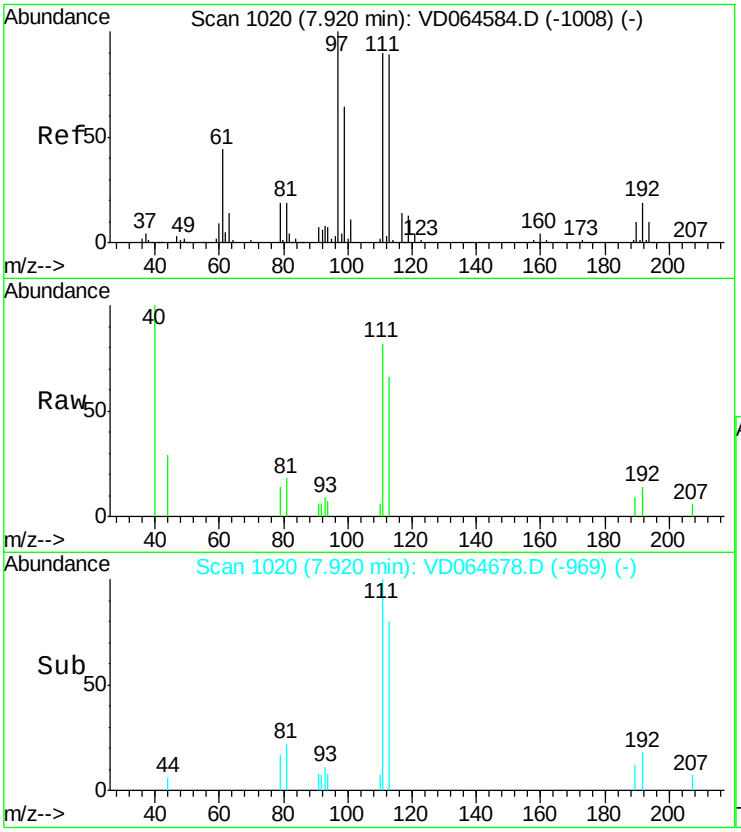


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion:114 Resp: 14198

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	38.0
88	15.1	0.0	29.2



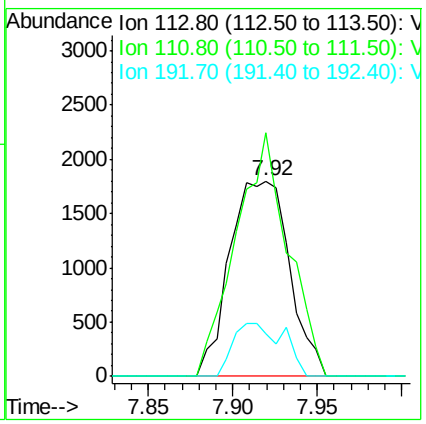


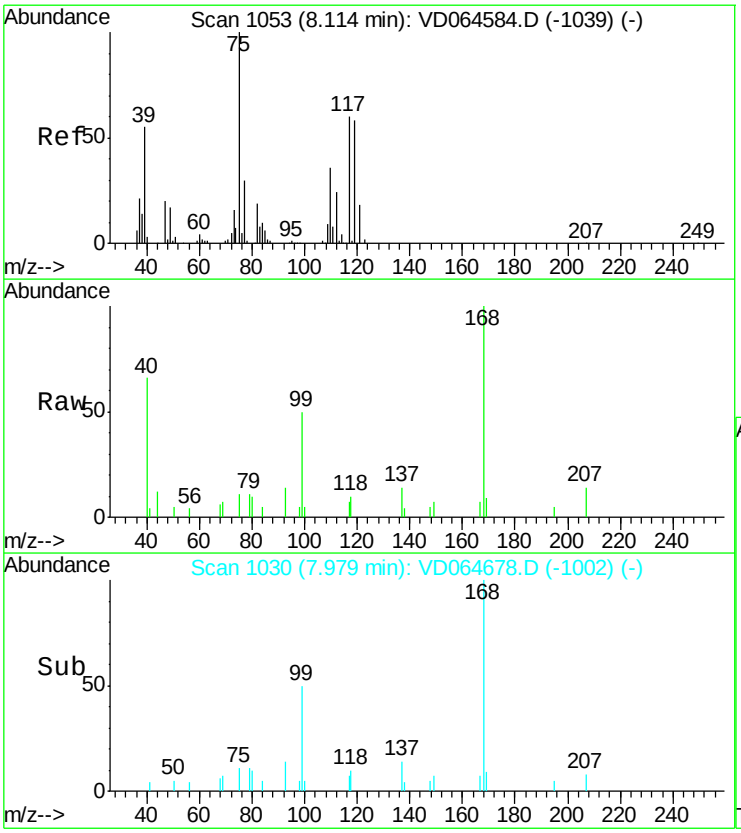
#35
Dibromofluoromethane
Concen: 50.788 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument : MSVOA_D
ClientSampleId : LIED-BF013-01

Tgt Ion:113 Resp: 4424

Ion	Ratio	Lower	Upper
113	100		
111	108.6	80.6	121.0
192	22.8	17.9	26.9

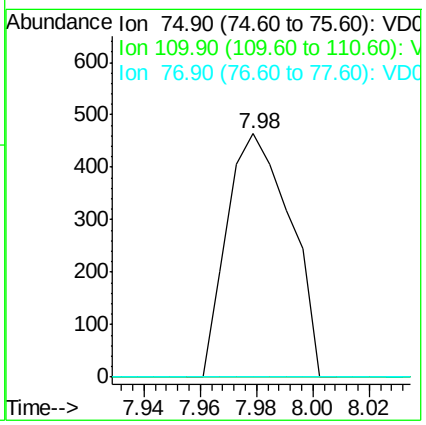


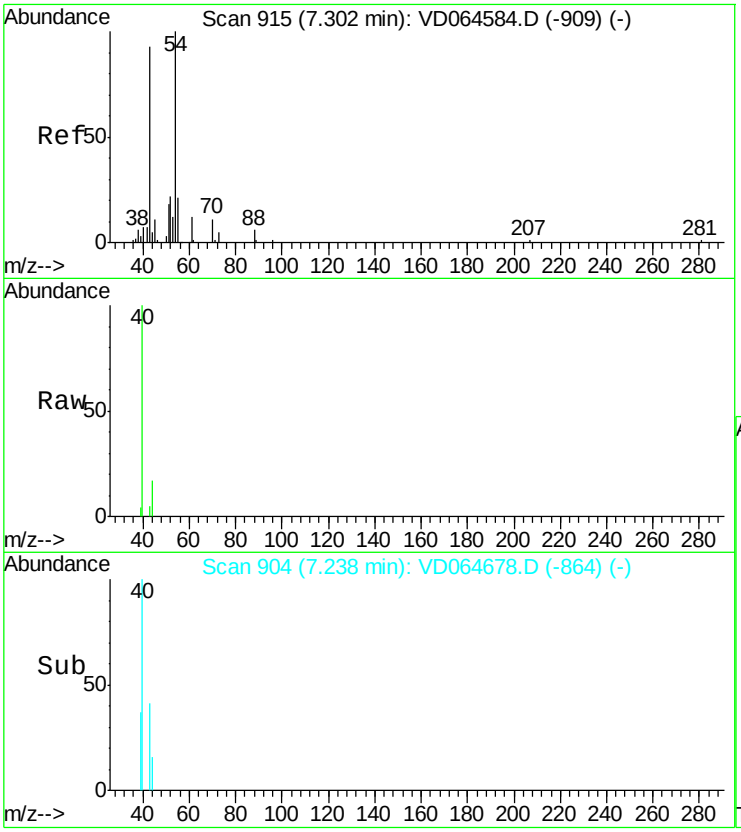


#36
1,1-Dichloropropene
Concen: 5.269 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion: 75 Resp: 720

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	24.2	36.4#



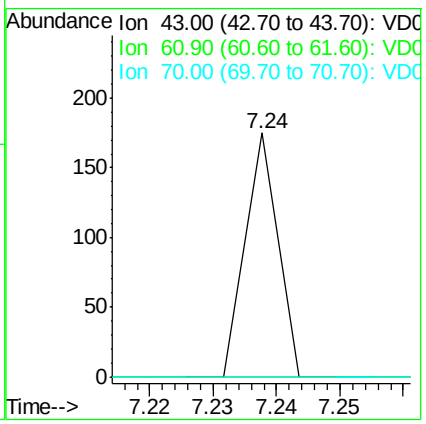


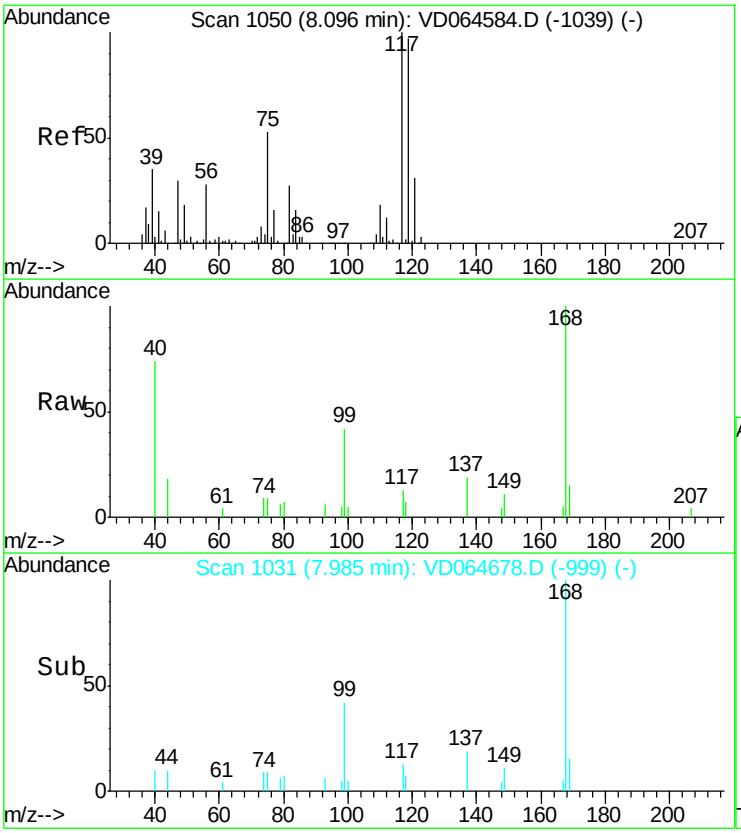
#37
Ethyl Acetate
Concen: 1.155 ug/l
RT: 7.24 min Scan# 904
Delta R.T. -0.06 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument : MSVOA_D
ClientSampleId : LIED-BF013-01

Tgt Ion: 43 Resp: 62

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	7.6	11.4#

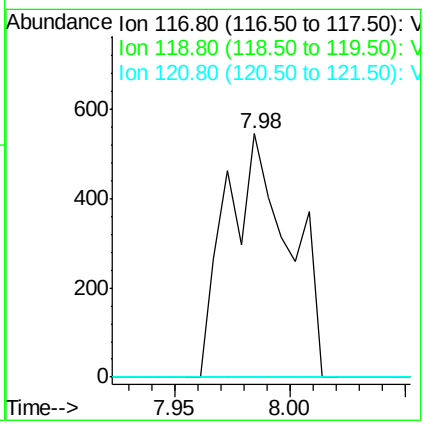


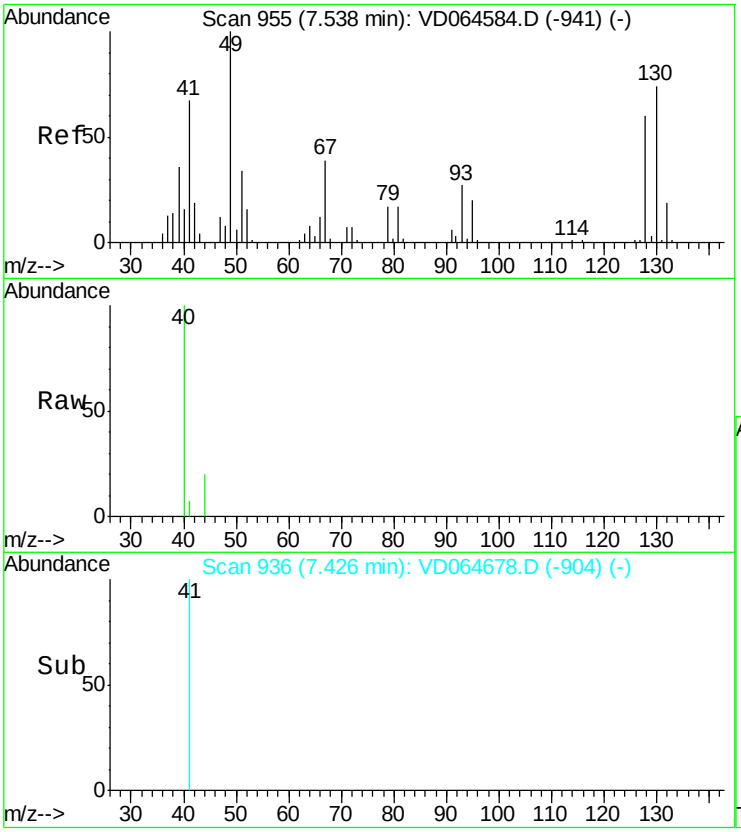


#38
Carbon Tetrachloride
Concen: 7.062 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion:117 Resp: 1029

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



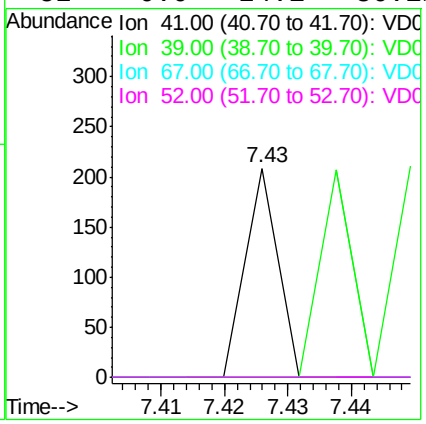


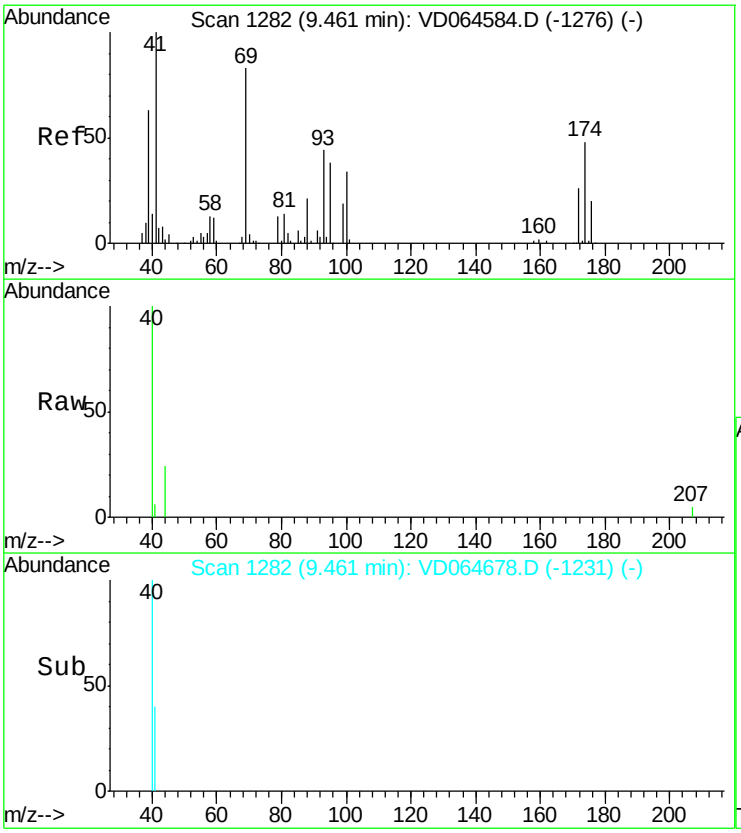
#41
Methacrylonitrile
Concen: 2.376 ug/l
RT: 7.43 min Scan# 936
Delta R.T. -0.11 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument : MSVOA_D
ClientSampleId : LIED-BF013-01

Tgt Ion: 41 Resp: 74

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.7	70.1#
67	0.0	52.5	78.7#
52	0.0	24.1	36.1#

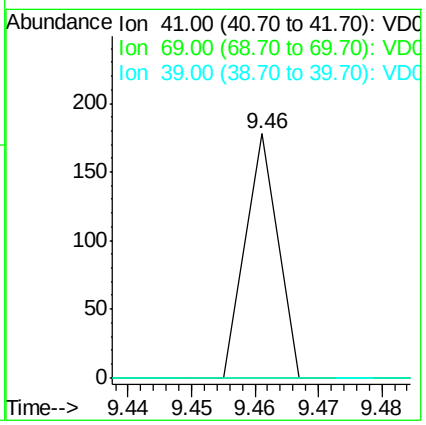


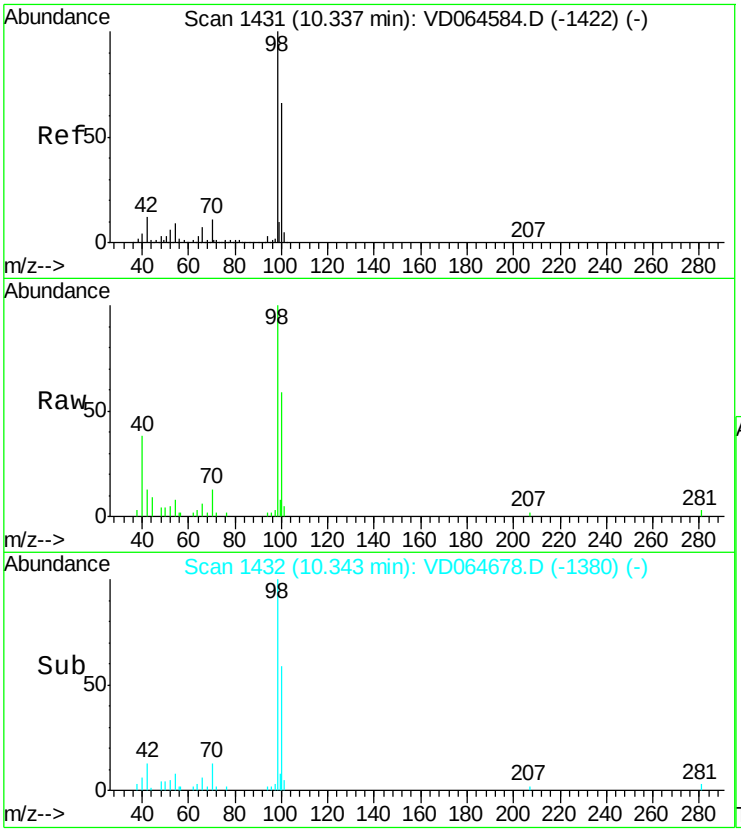


#48
Methyl methacrylate
Concen: 1.252 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion: 41 Resp: 63

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.0	94.6#
39	0.0	47.4	71.2#



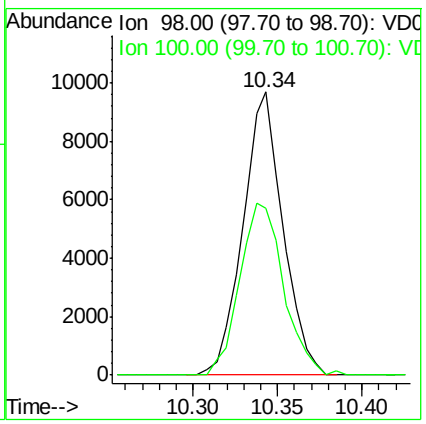


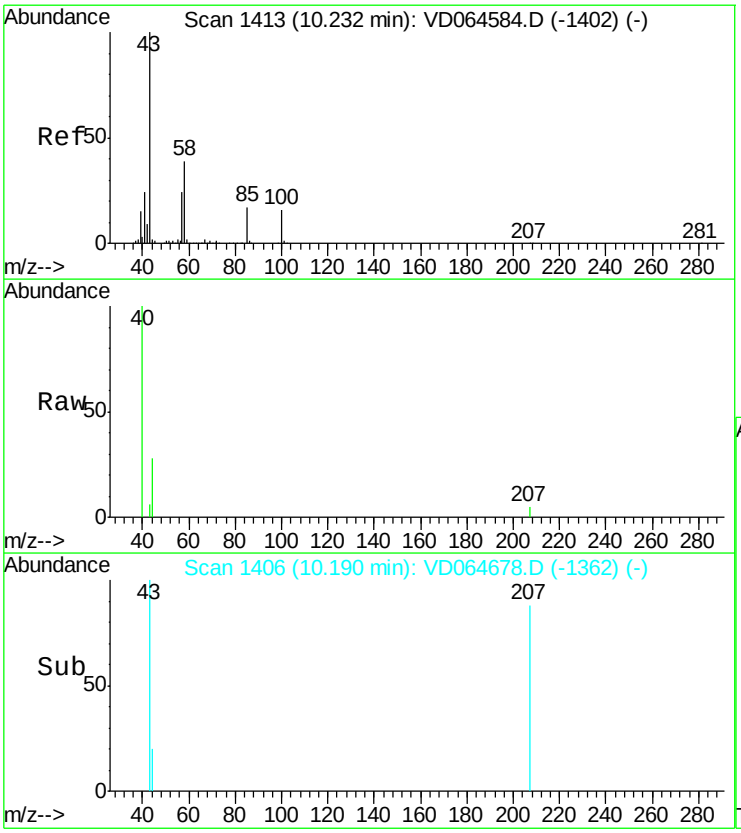
#50
Toluene-d8
Concen: 47.744 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument : MSVOA_D
ClientSampleId : LIED-BF013-01

Tgt Ion: 98 Resp: 15928

Ion	Ratio	Lower	Upper
98	100		
100	66.7	51.7	77.5

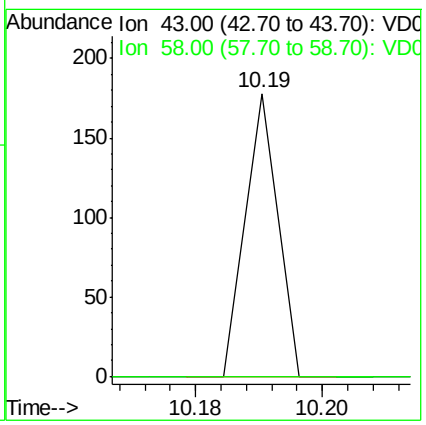


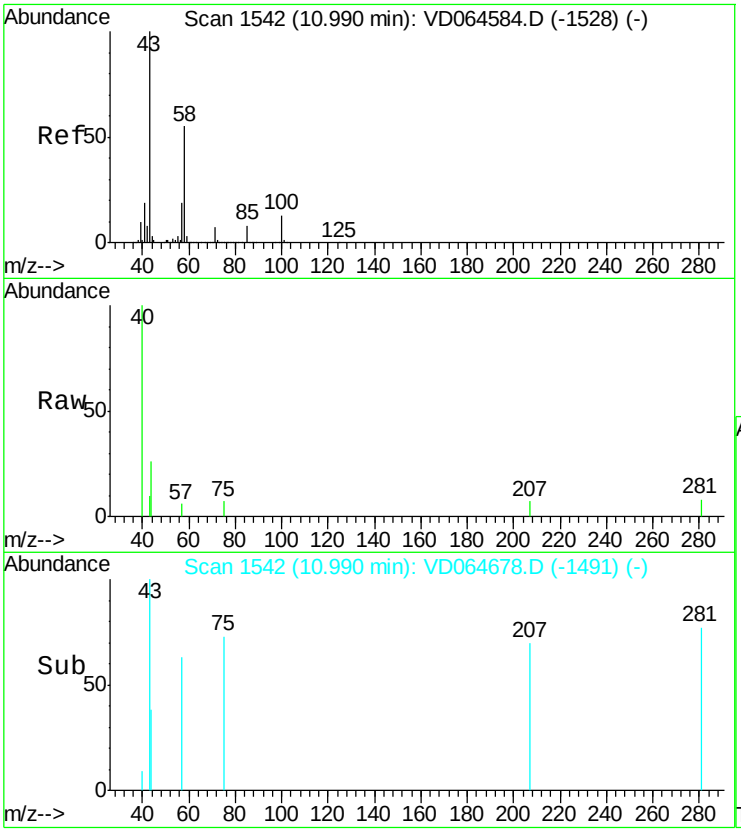


#51
4-Methyl-2-Pentanone
Concen: 1.193 ug/l
RT: 10.19 min Scan# 1406
Delta R.T. -0.04 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion: 43 Resp: 63

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.2	45.2#



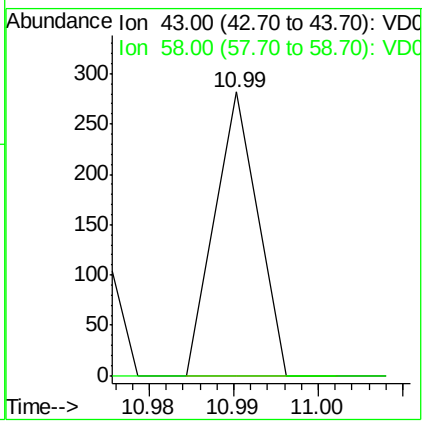


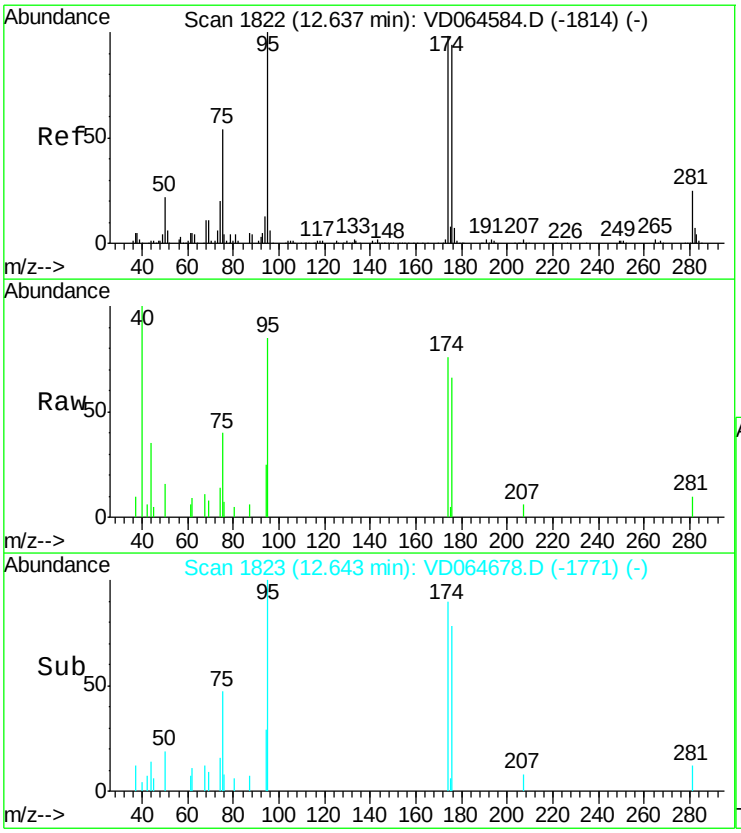
#59
2-Hexanone
Concen: 2.790 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF013-01

Tgt Ion: 43 Resp: 100

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.4	79.0#

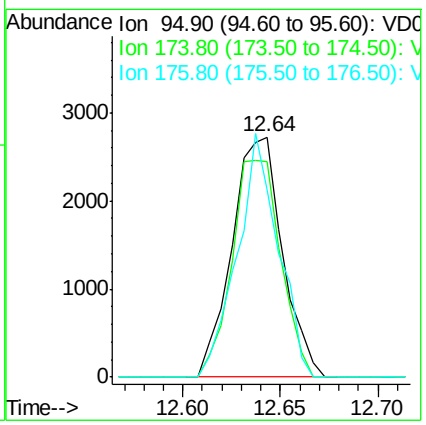


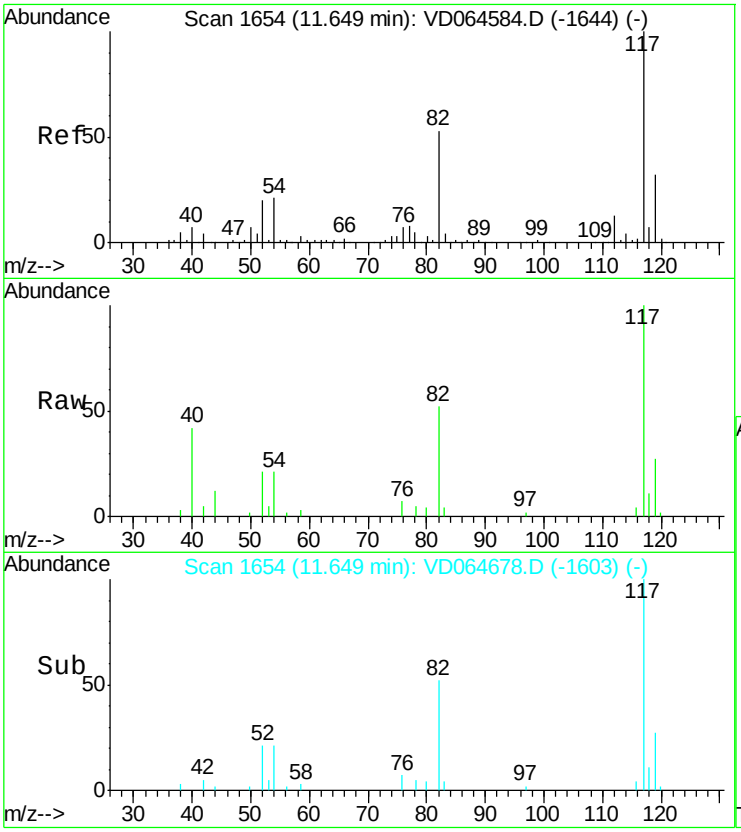


#62
4-Bromofluorobenzene
Concen: 46.070 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion: 95 Resp: 4860

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	193.2
176	82.3	0.0	184.2



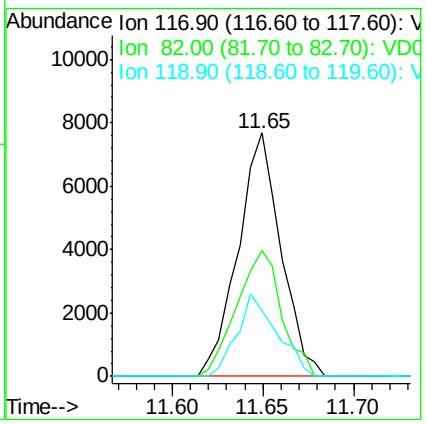


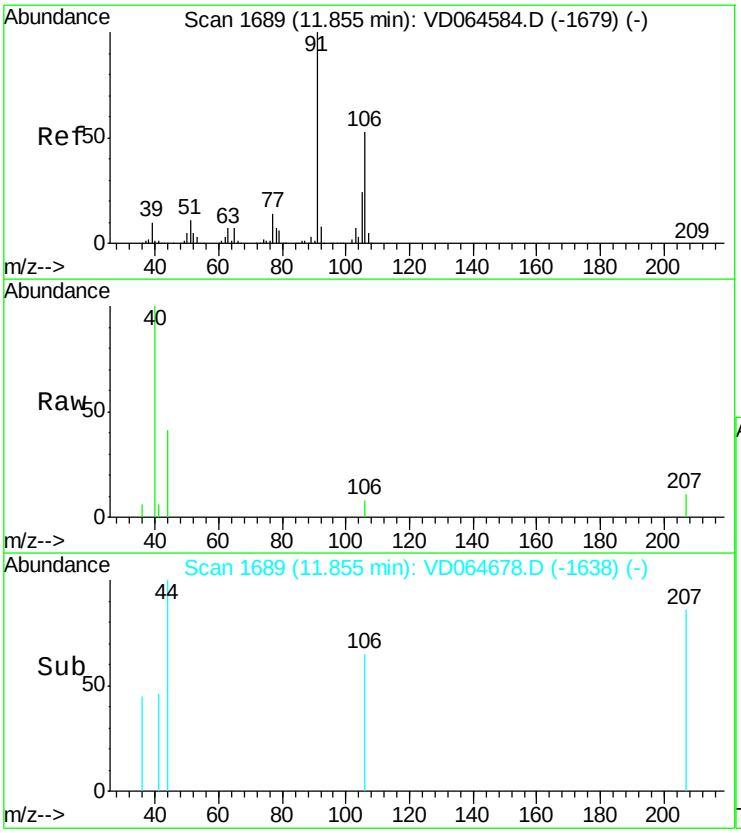
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument : MSVOA_D
ClientSampleId : LIED-BF013-01

Tgt Ion:117 Resp: 12589

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.4
119	26.9	26.0	39.0

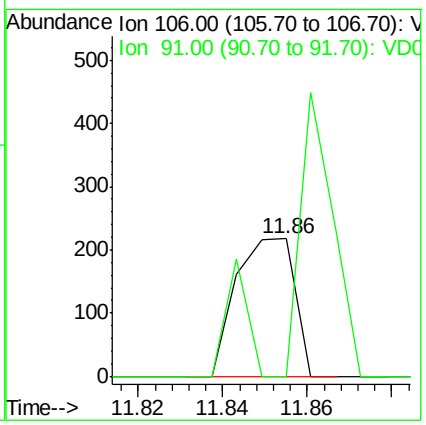


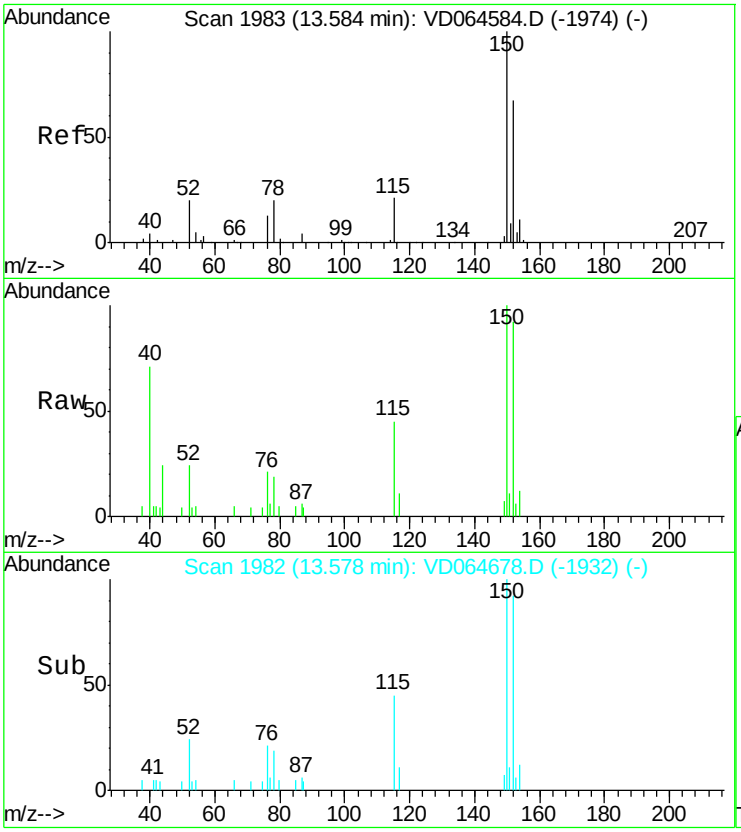


#68
m/p-Xylenes
Concen: 1.142 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion:106 Resp: 209

Ion	Ratio	Lower	Upper
106	100		
91	145.5	156.3	234.5#



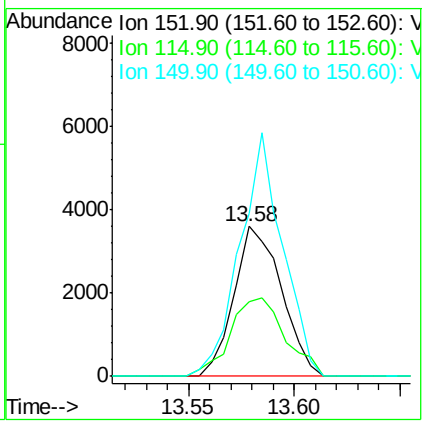


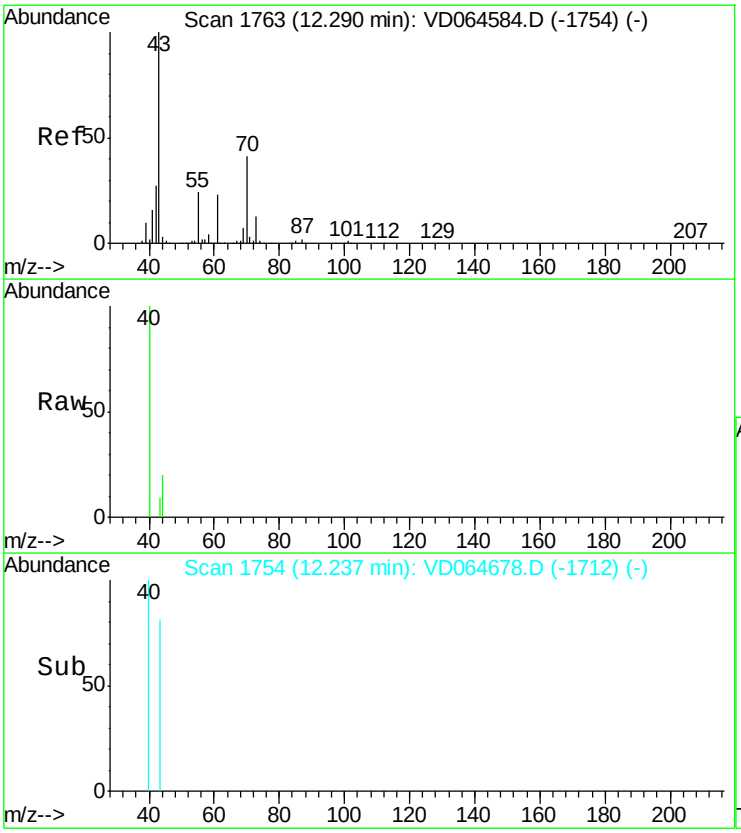
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument : MSVOA_D
ClientSampleId : LIED-BF013-01

Tgt Ion:152 Resp: 5598

Ion	Ratio	Lower	Upper
152	100		
115	60.5	27.8	83.4
150	146.4	0.0	351.4

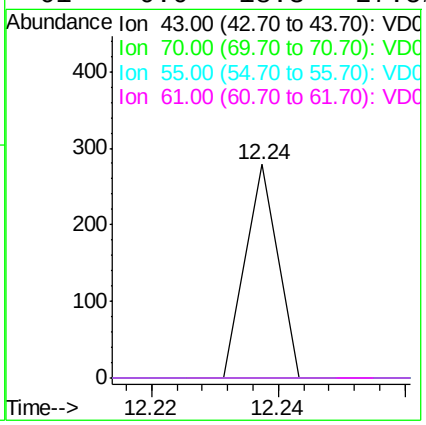


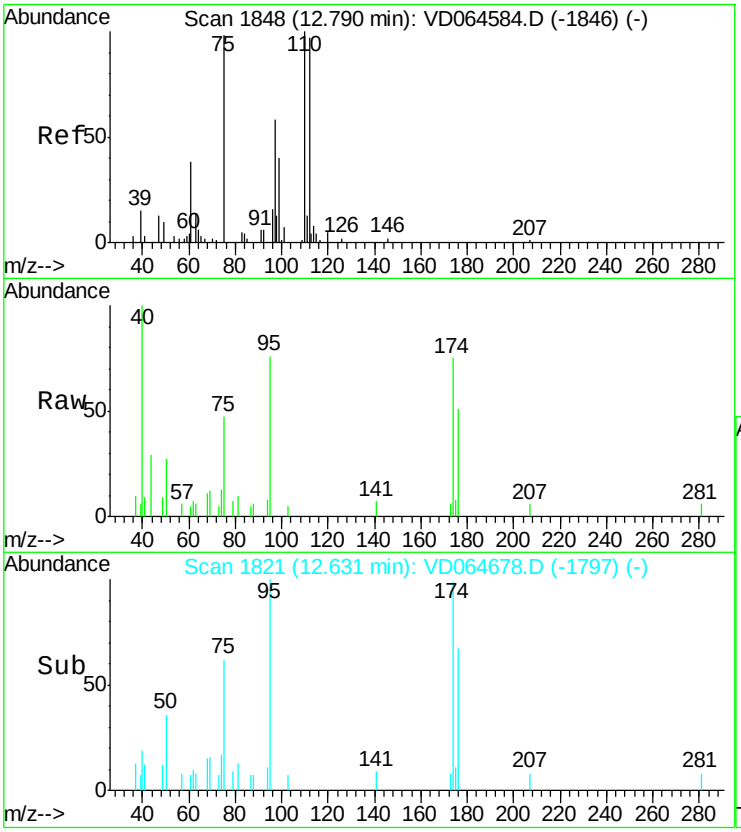


#74
N-amyl acetate
Concen: 1.146 ug/l
RT: 12.24 min Scan# 1754
Delta R.T. -0.05 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion: 43 Resp: 98

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.0#
55	0.0	19.4	29.0#
61	0.0	18.3	27.5#



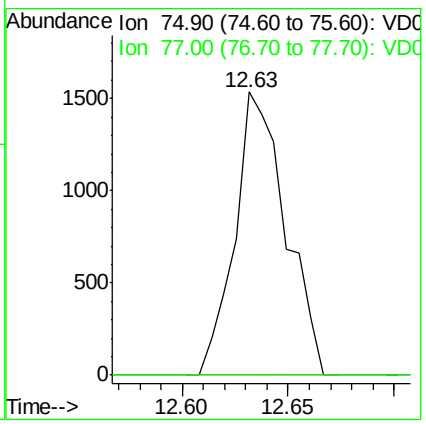


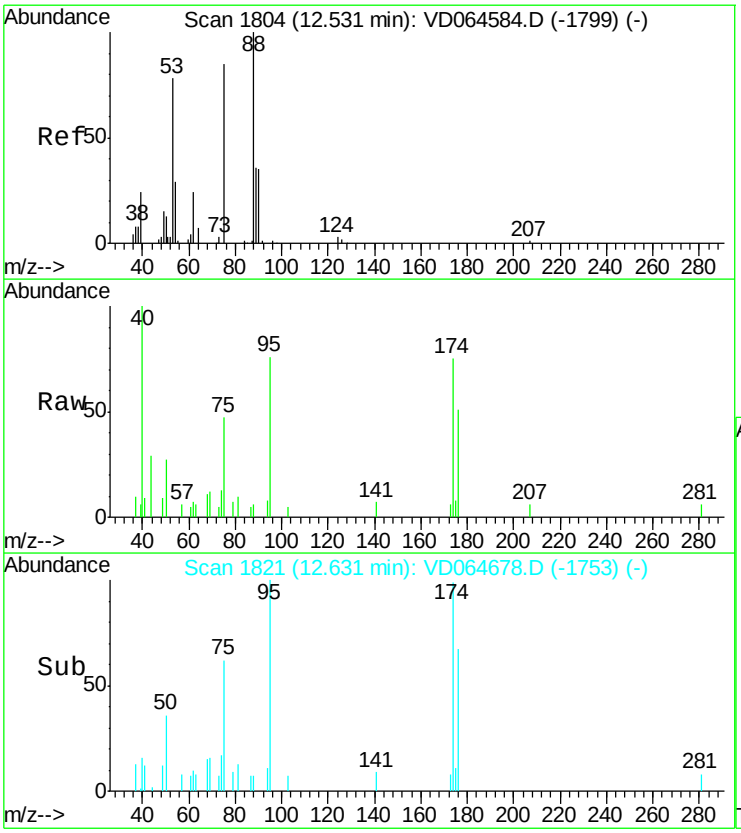
#76
1,2,3-Trichloropropane
Concen: 57.980 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.16 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF013-01

Tgt Ion: 75 Resp: 2563

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

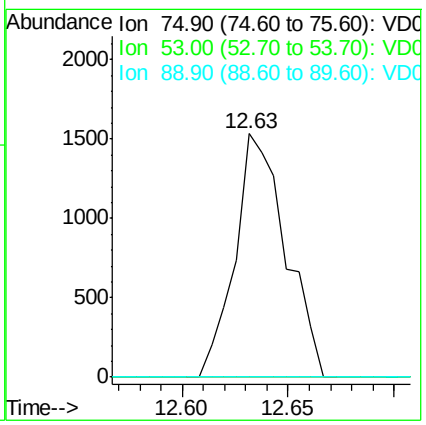


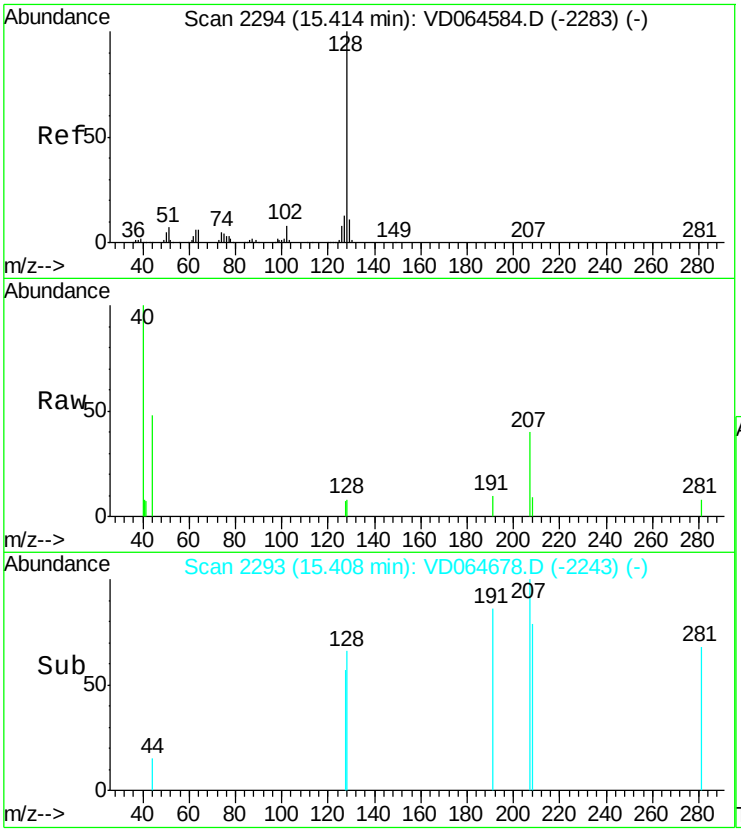


#81
trans-1,4-Dichloro-2-butene
Concen: 121.262 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Tgt Ion: 75 Resp: 2563

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





#95
Naphthalene
Concen: 1.440 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD064678.D
Acq: 30 Dec 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF013-01

Tgt Ion:128 Resp: 268

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.5	12.7#