Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122619\
Data File : VD064621.D
Acq On : 27 Dec 2019 03:01
Operator : VA/SY
Sample : K6439-01
Misc : 4.38G/5.00ml/MSVOA_D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : LIED-BF001-01

Quant Time: Dec 27 05:03:49 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	413400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	645832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	584663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	212626	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.66%			
35) Dibromofluoromethane	7.92	113	208083	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.04%			
50) Toluene-d8	10.34	98	779846	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.78%			
62) 4-Bromofluorobenzene	12.64	95	247318	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.08%			
Target Compounds						Qvalue
16) Acetone	4.17	43	8961	14.483	ug/l	93
20) Methylene Chloride	4.97	84	9445	Below Cal		93
25) 2-Butanone	7.23	43	1697	1.694	ug/l #	84
29) Tetrahydrofuran	7.57	42	1581	2.537	ug/l #	58
30) Chloroform	7.72	83	10234	1.437	ug/l	93
31) Cyclohexane	7.98	56	9166	1.349	ug/l #	18
36) 1,1-Dichloropropene	7.98	75	30617	4.925	ug/l #	49
38) Carbon Tetrachloride	7.98	117	39137	5.905	ug/l #	14
51) 4-Methyl-2-Pentanone	10.24	43	6152	2.561	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	132754	58.593	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	132754	122.546	ug/l #	10

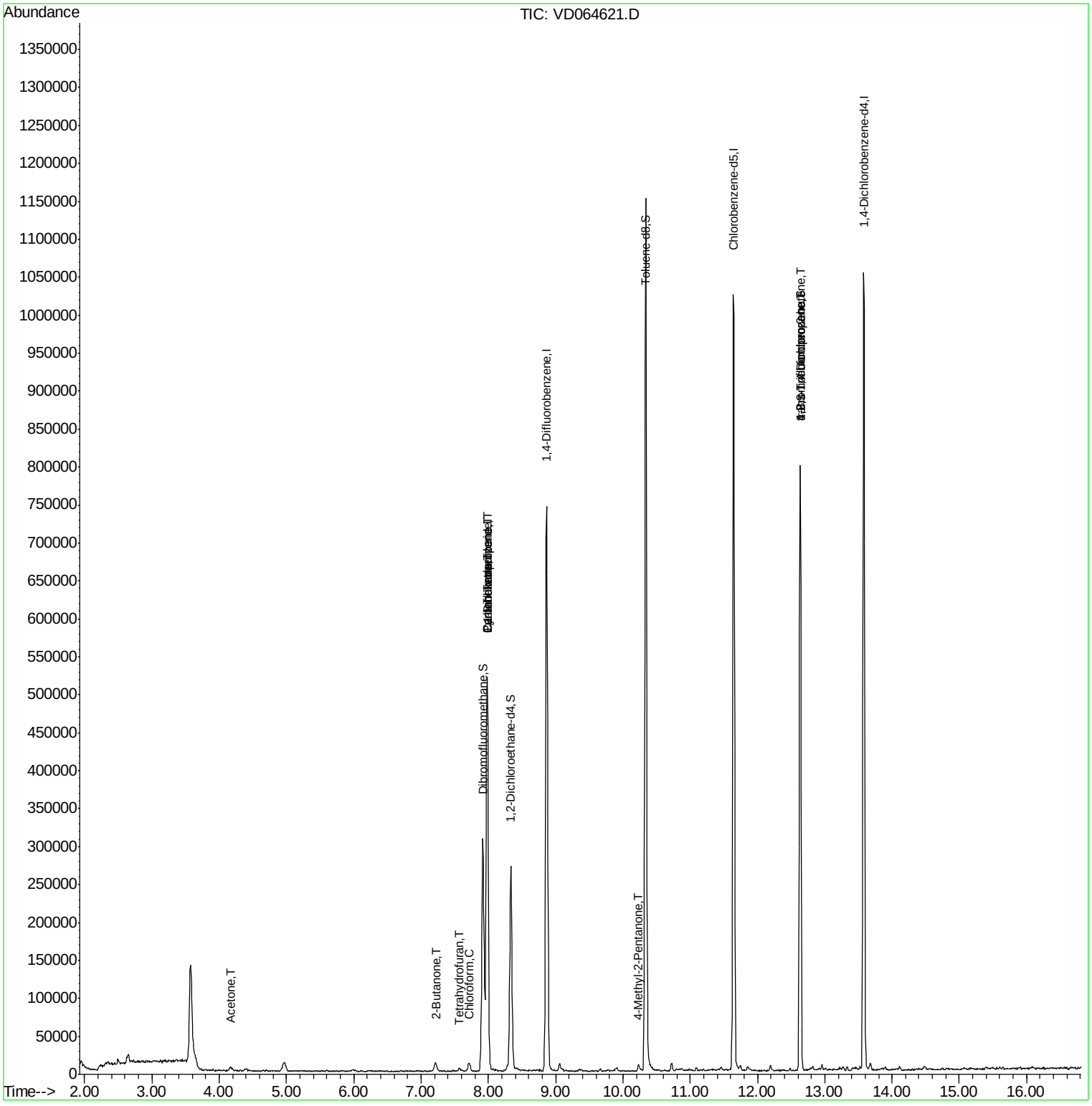
(#) = qualifier out of range (m) = manual integration (+) = signals summed

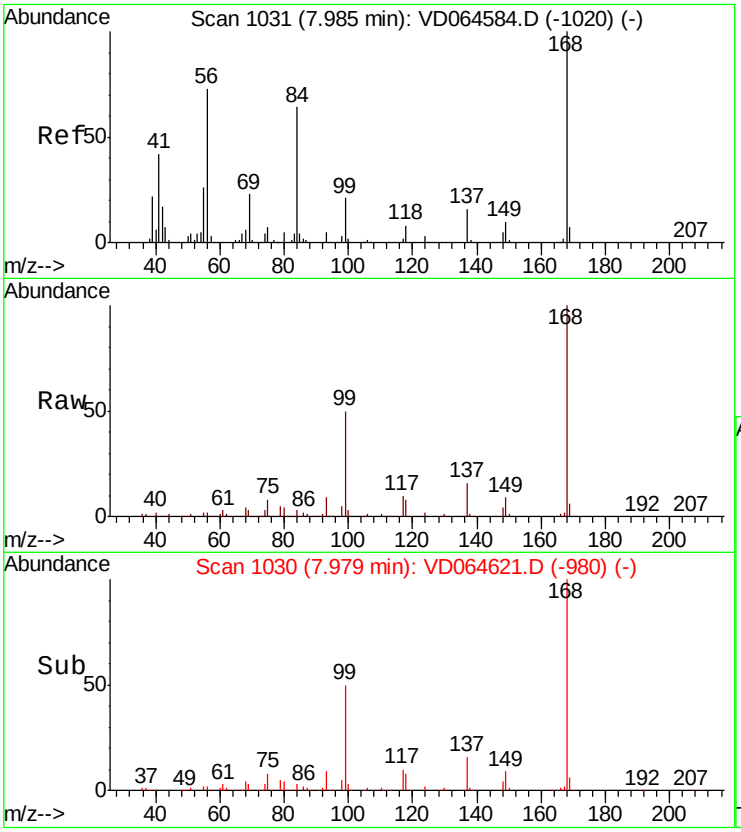
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064621.D
Acq On : 27 Dec 2019 03:01
Operator : VA/SY
Sample : K6439-01
Misc : 4.38G/5.00ml/MSVOA D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF001-01

Quant Time: Dec 27 05:03:49 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



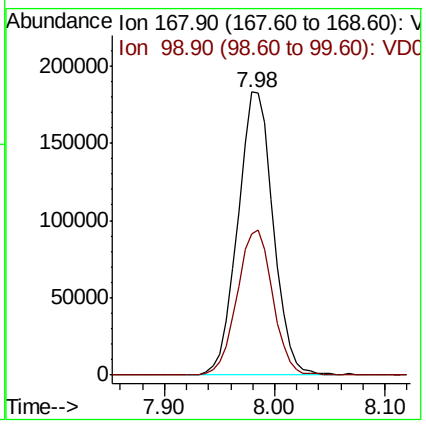


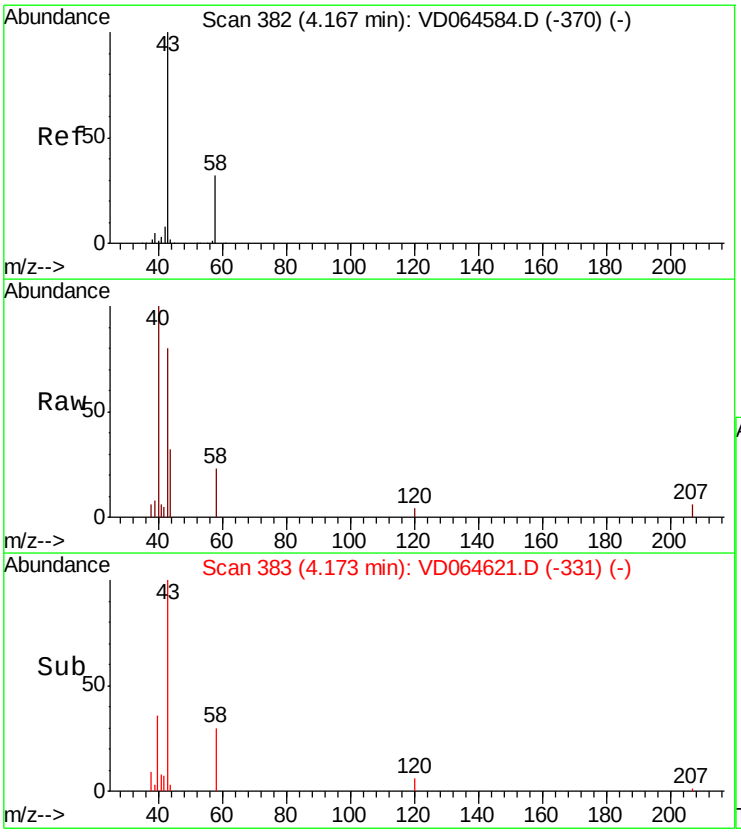
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF001-01

Tgt Ion:168 Resp: 413400

Ion	Ratio	Lower	Upper
168	100		
99	49.9	41.8	62.6

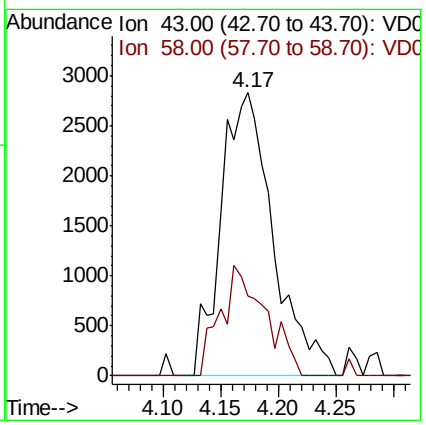


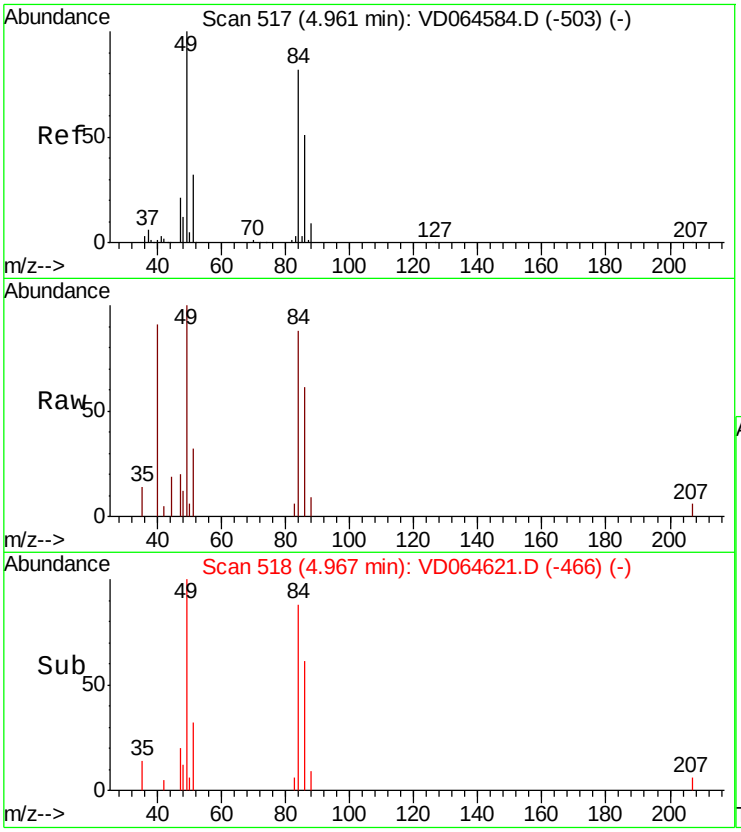


#16
Acetone
Concen: 14.483 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion: 43 Resp: 8961

Ion	Ratio	Lower	Upper
43	100		
58	28.3	25.8	38.6



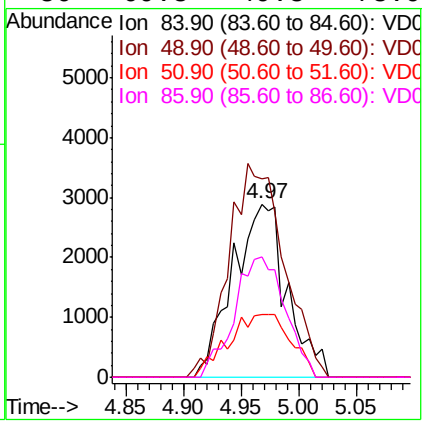


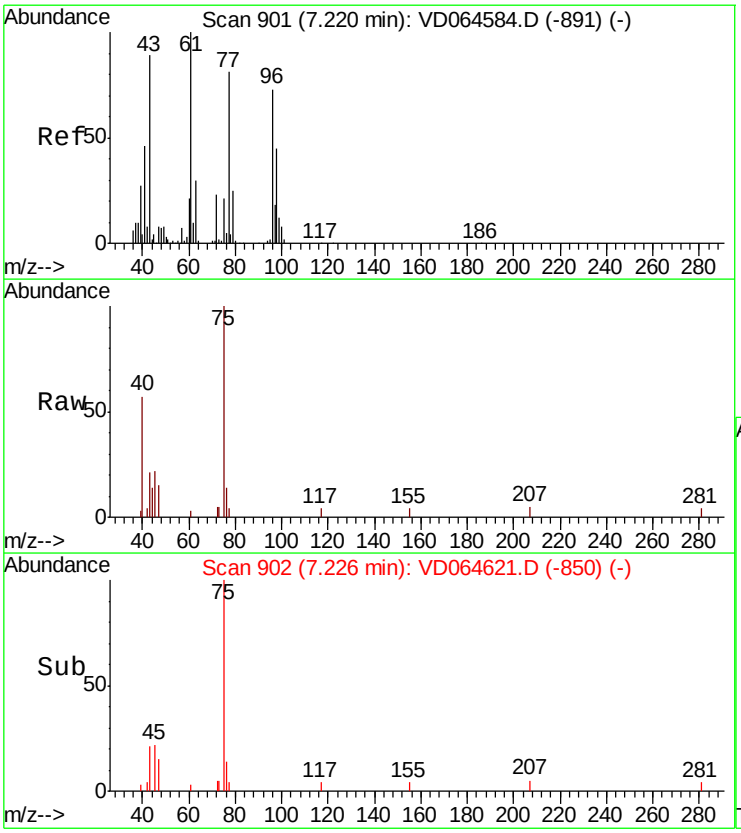
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument : MSVOA_D
ClientSampleId : LIED-BF001-01

Tgt Ion: 84 Resp: 9445

Ion	Ratio	Lower	Upper
84	100		
49	114.3	97.2	145.8
51	36.3	31.4	47.0
86	69.3	49.3	73.9

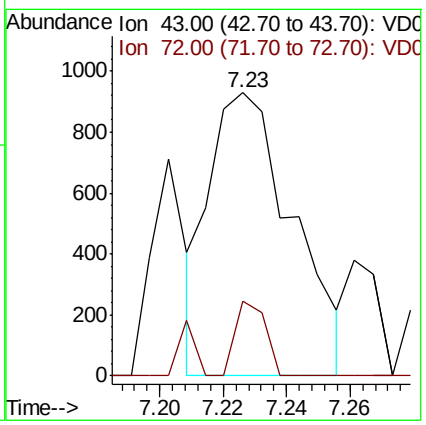


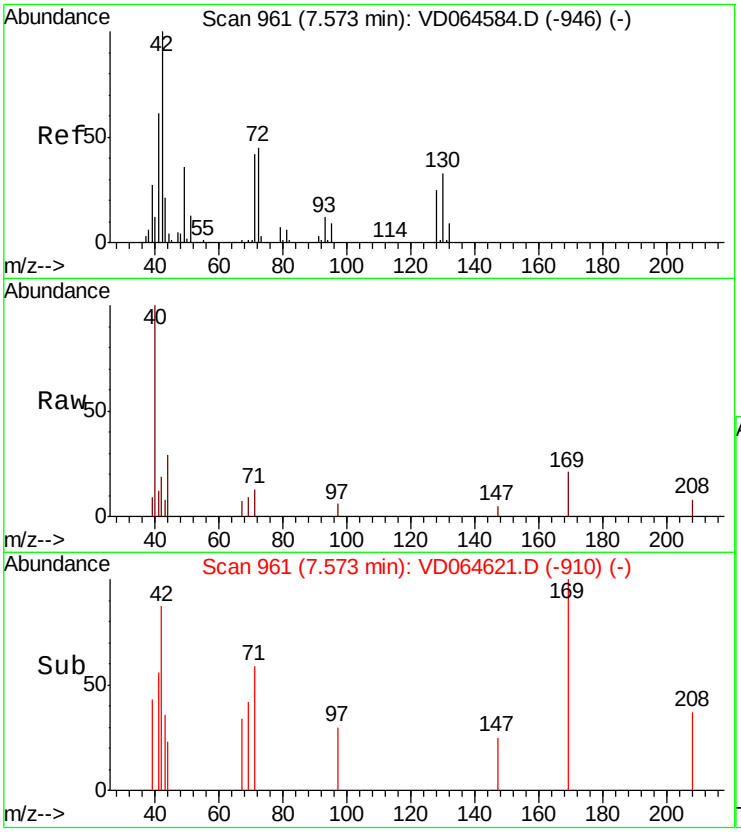


#25
2-Butanone
Concen: 1.694 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion: 43 Resp: 1697

Ion	Ratio	Lower	Upper
43	100		
72	34.1	20.7	31.1#



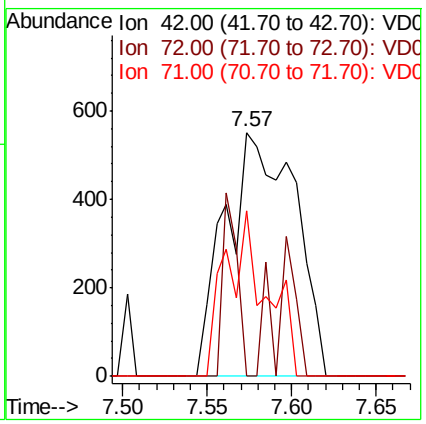


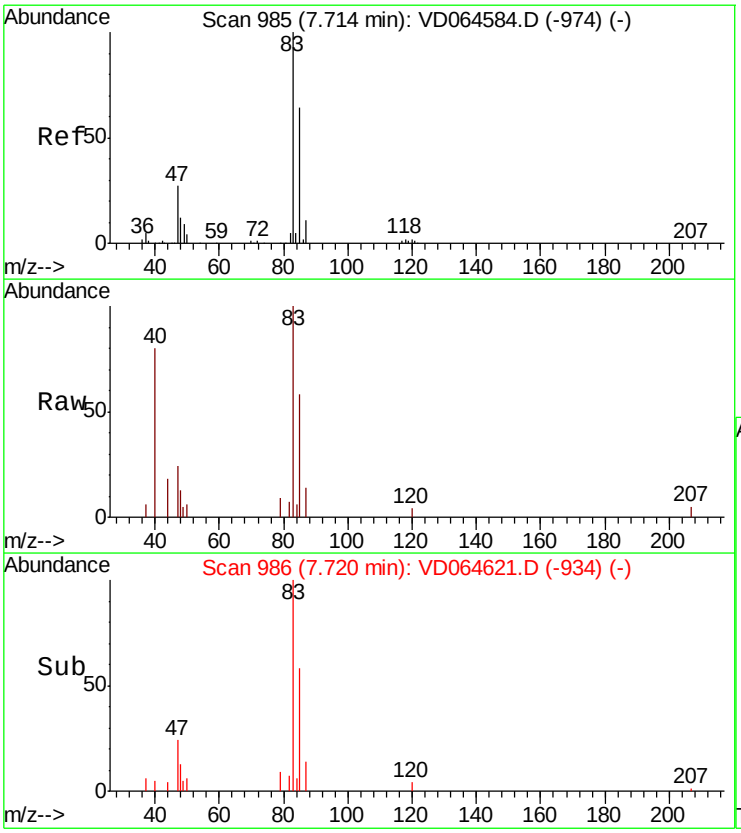
#29
Tetrahydrofuran
Concen: 2.537 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument : MSVOA_D
ClientSampleId : LIED-BF001-01

Tgt Ion: 42 Resp: 1581

Ion	Ratio	Lower	Upper
42	100		
72	15.7	35.0	52.4#
71	15.6	32.9	49.3#

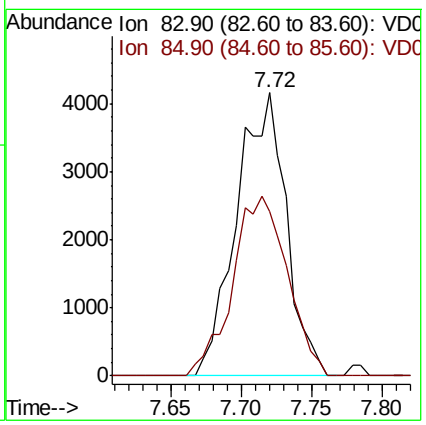


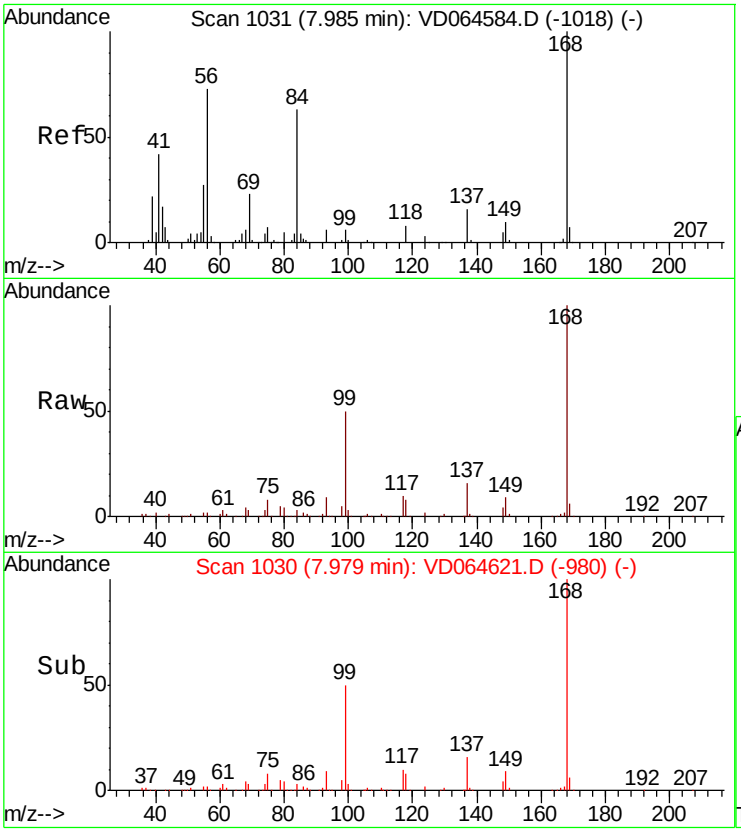


#30
Chloroform
Concen: 1.437 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion: 83 Resp: 10234

Ion	Ratio	Lower	Upper
83	100		
85	58.1	51.1	76.7



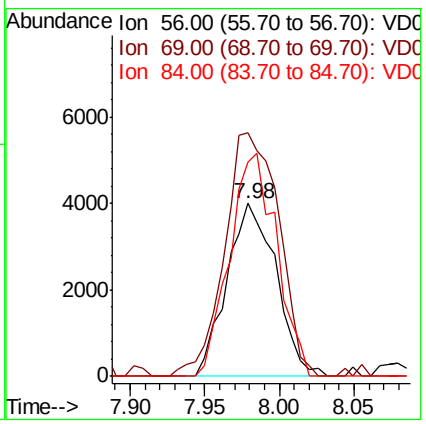


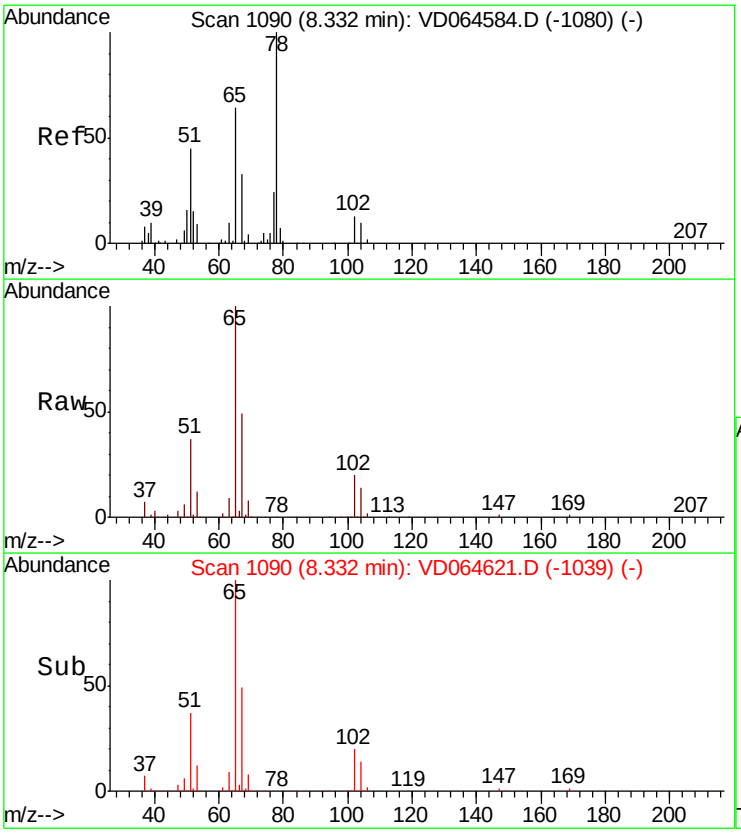
#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument : MSVOA_D
ClientSampleId : LIED-BF001-01

Tgt Ion: 56 Resp: 9166

Ion	Ratio	Lower	Upper
56	100		
69	140.8	24.7	37.1#
84	123.6	69.4	104.2#

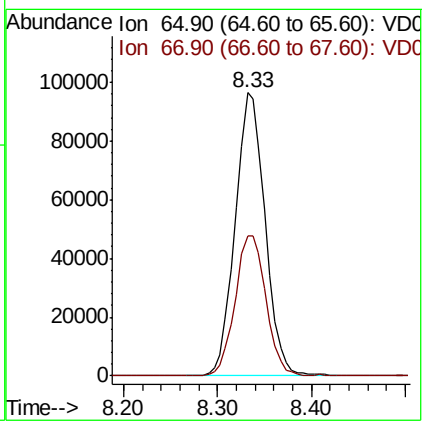


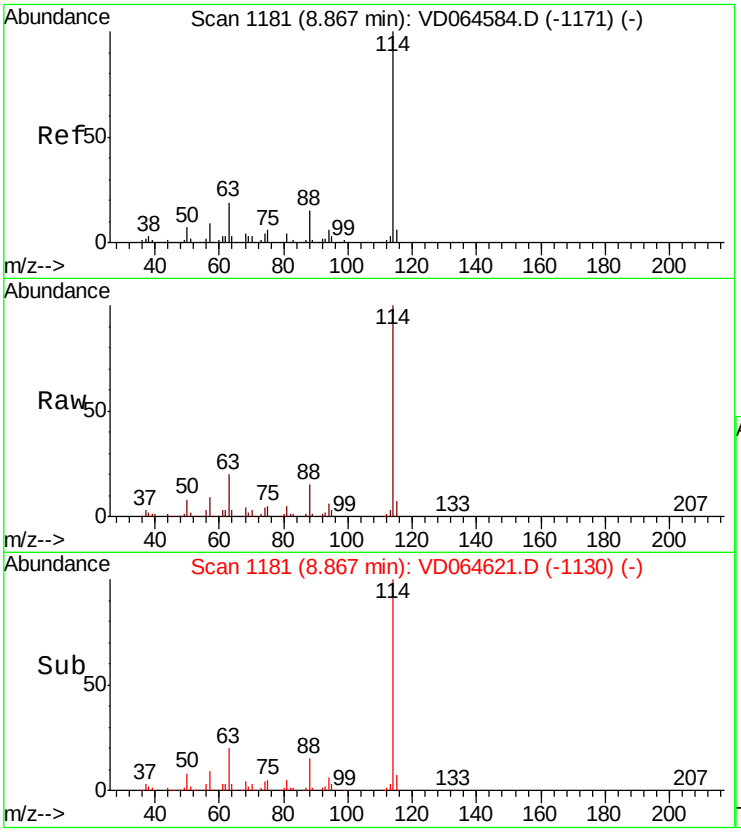


#33
1,2-Dichloroethane-d4
Concen: 58.329 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion: 65 Resp: 212626

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	106.2



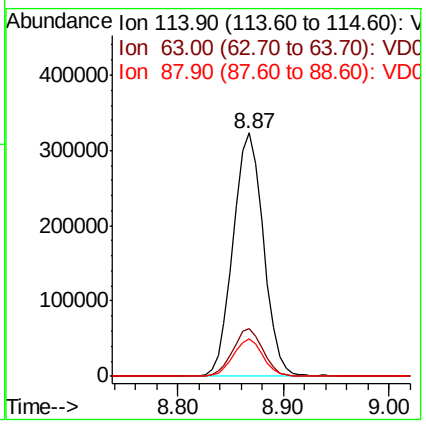


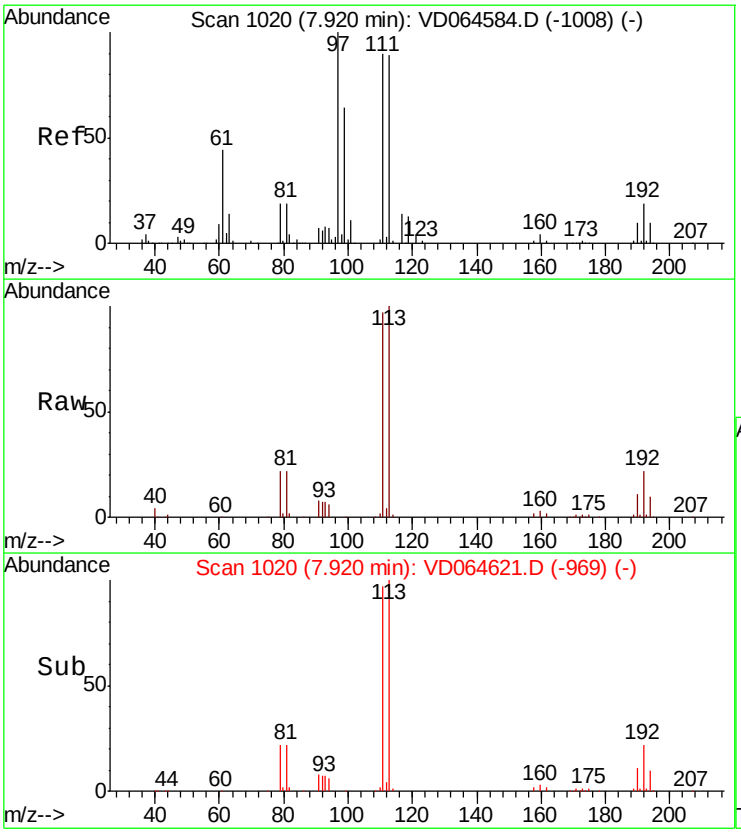
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF001-01

Tgt Ion:114 Resp: 645832

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.0
88	15.2	0.0	29.2

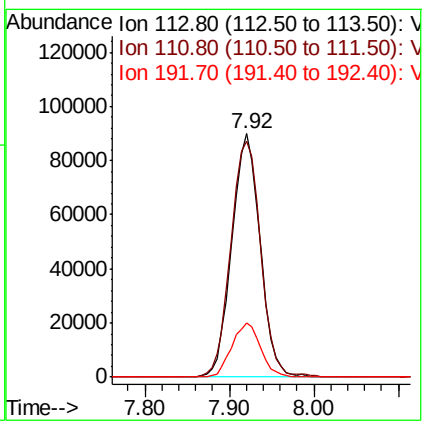


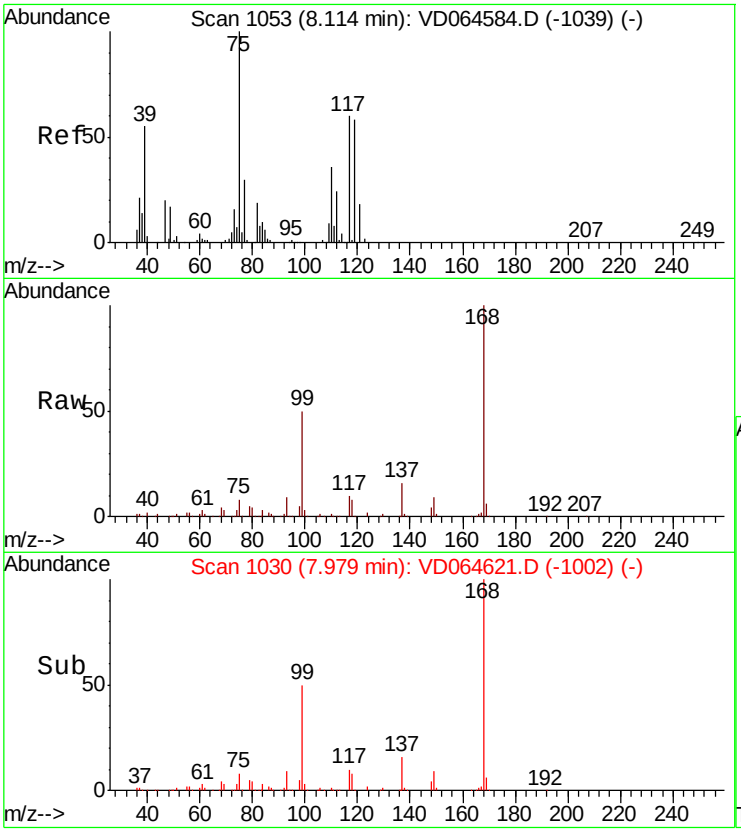


#35
Dibromofluoromethane
Concen: 52.516 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion:113 Resp: 208083

Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.6	121.0
192	22.6	17.9	26.9



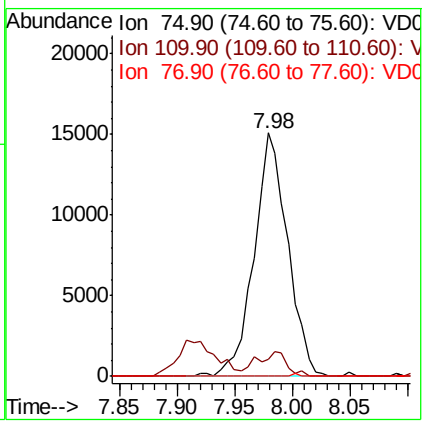


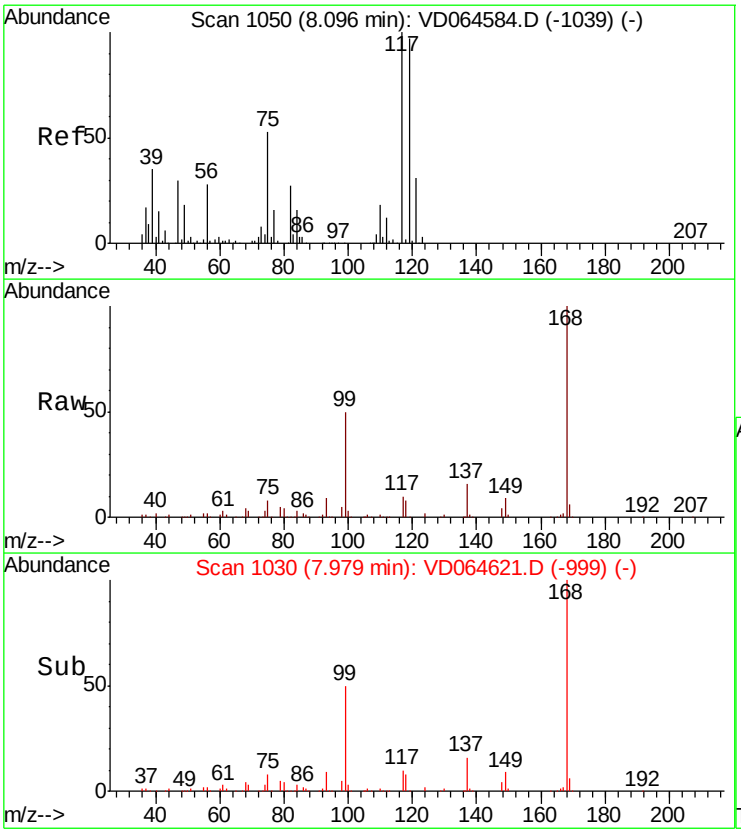
#36
1,1-Dichloropropene
Concen: 4.925 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.13 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF001-01

Tgt Ion: 75 Resp: 30617

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.1#
77	0.0	24.2	36.4#

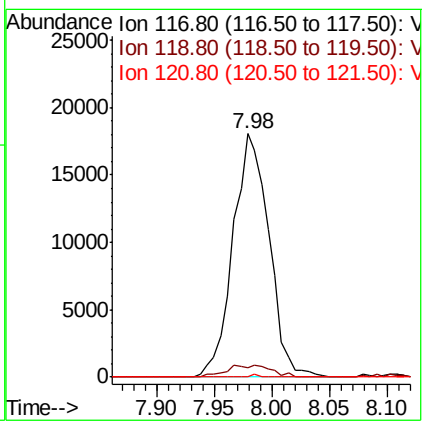


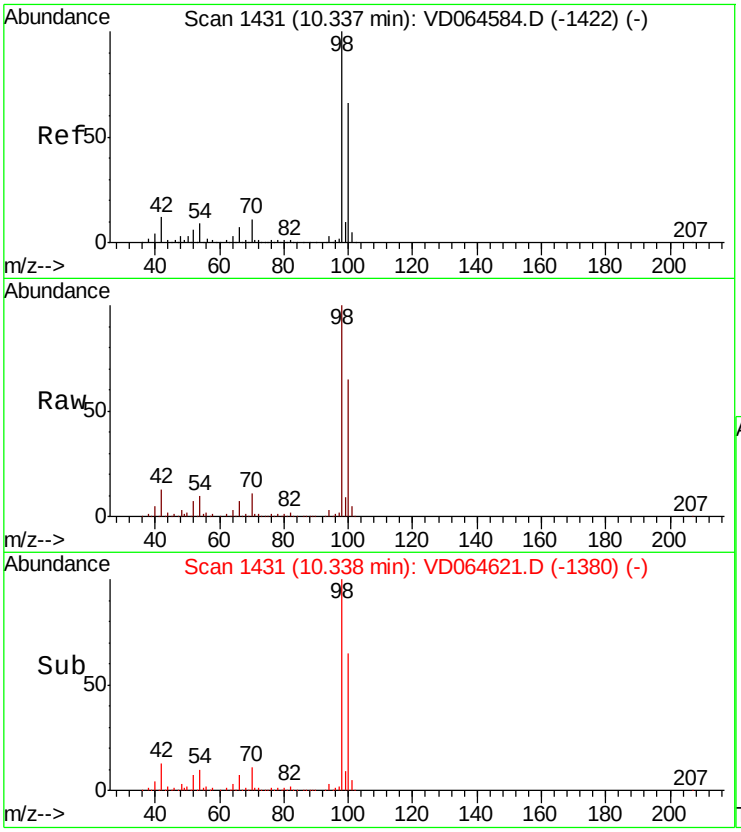


#38
Carbon Tetrachloride
Concen: 5.905 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion:117 Resp: 39137

Ion	Ratio	Lower	Upper
117	100		
119	3.6	77.3	115.9#
121	0.0	25.0	37.6#



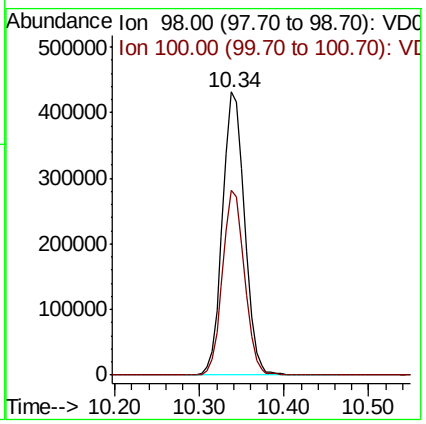


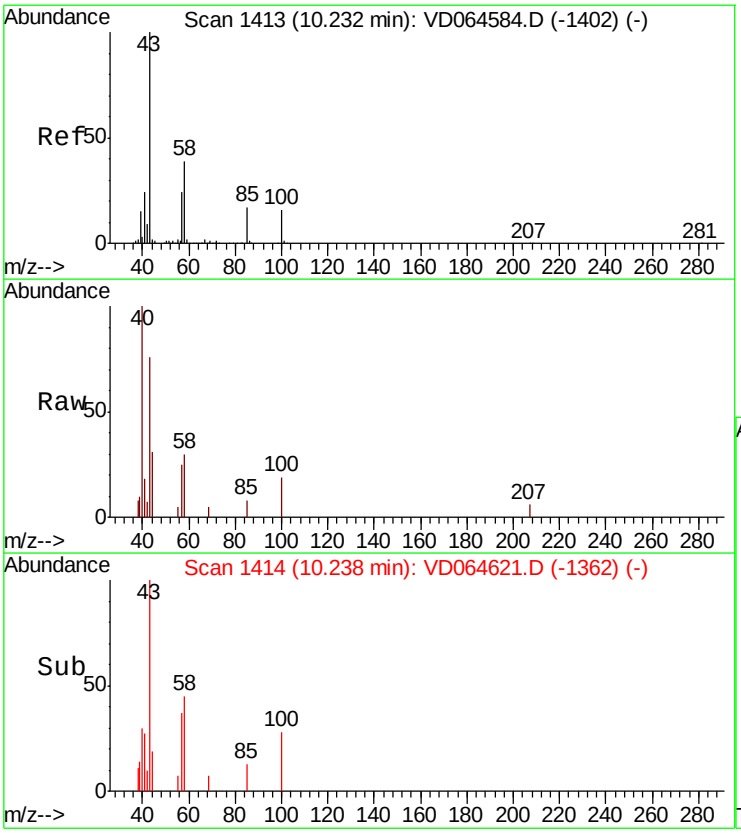
#50
Toluene-d8
Concen: 51.390 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument : MSVOA_D
ClientSampleId : LIED-BF001-01

Tgt Ion: 98 Resp: 779846

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5

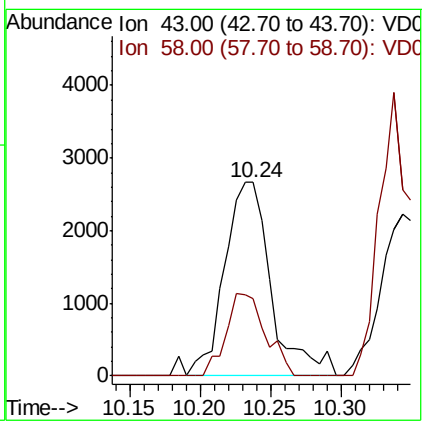


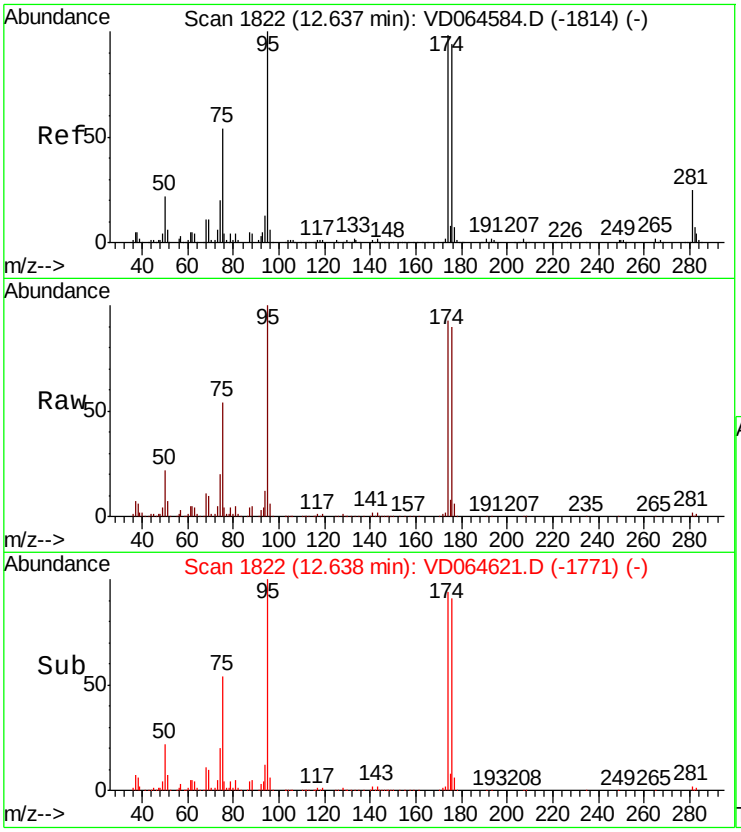


#51
4-Methyl-2-Pentanone
Concen: 2.561 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion: 43 Resp: 6152

Ion	Ratio	Lower	Upper
43	100		
58	36.0	30.2	45.2



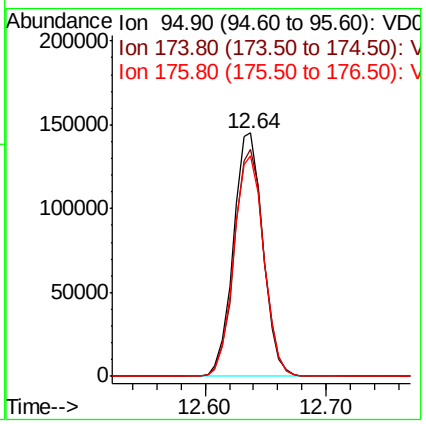


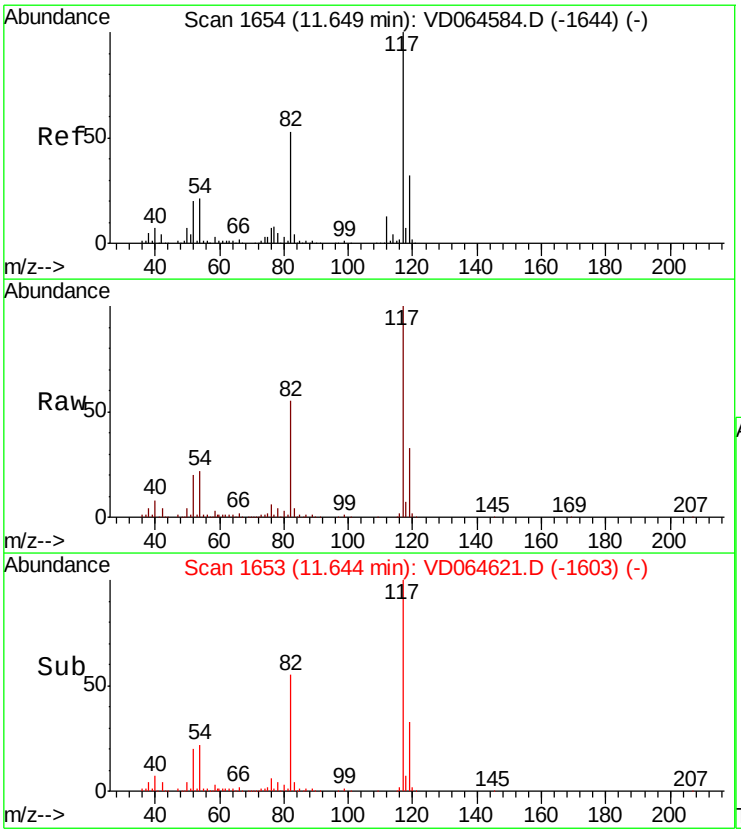
#62
4-Bromofluorobenzene
Concen: 51.540 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF001-01

Tgt Ion: 95 Resp: 247318

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	193.2
176	92.2	0.0	184.2

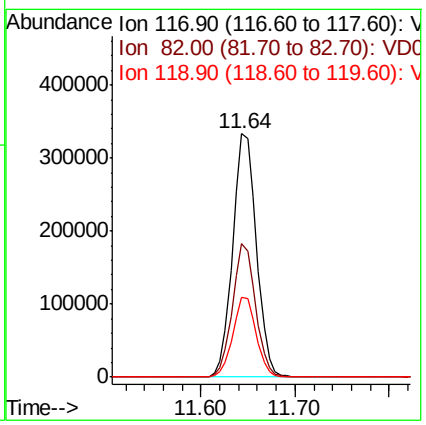


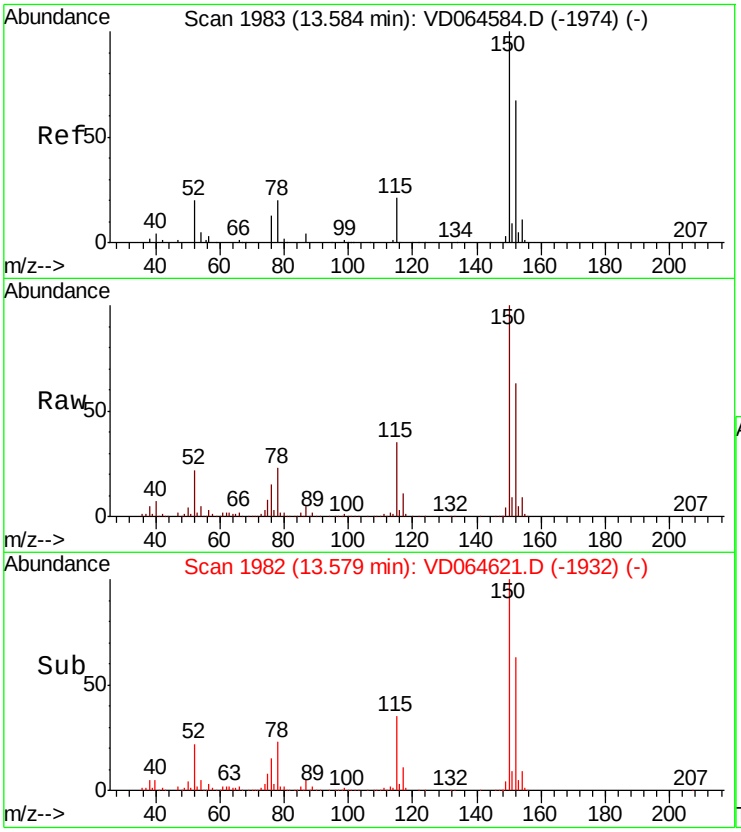


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion:117 Resp: 584663

Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.2	63.4
119	32.6	26.0	39.0



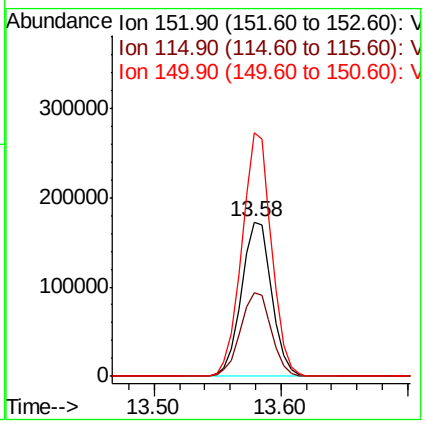


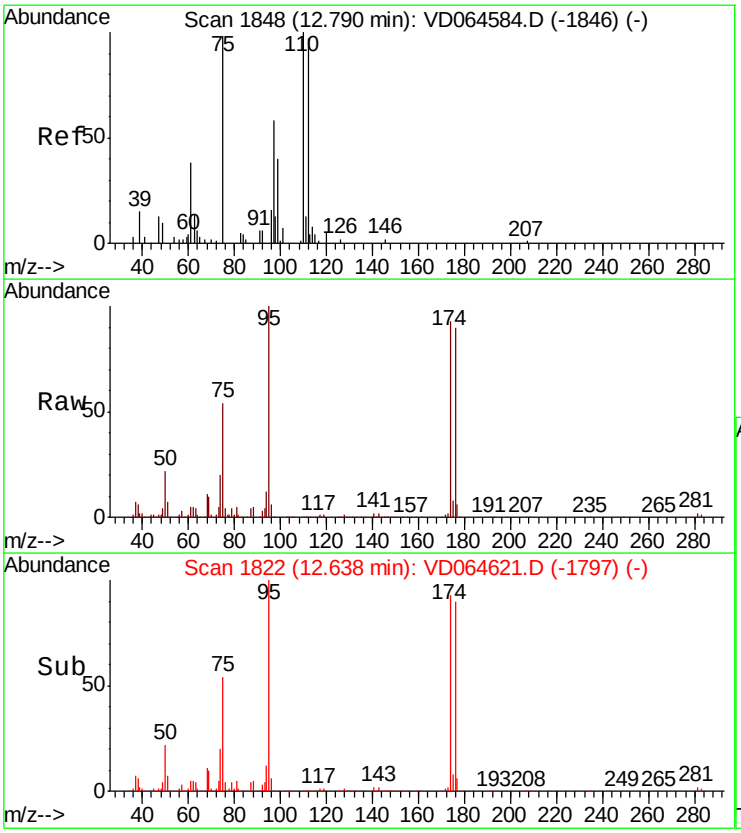
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument : MSVOA_D
ClientSampleId : LIED-BF001-01

Tgt Ion:152 Resp: 286918

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.8	83.4
150	153.8	0.0	351.4

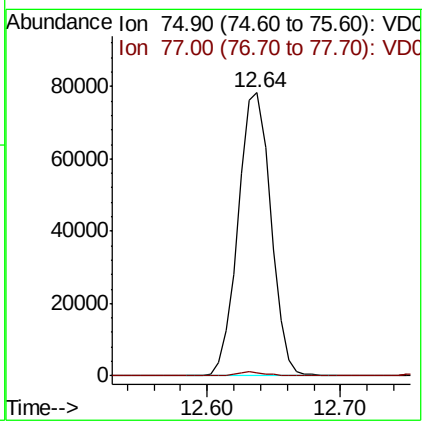


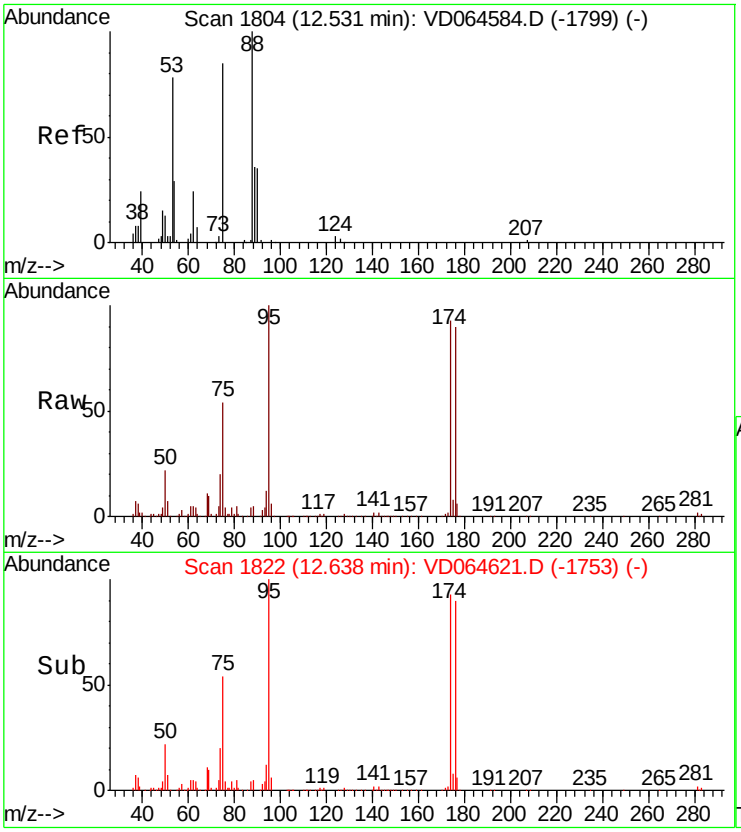


#76
1,2,3-Trichloropropane
Concen: 58.593 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion: 75 Resp: 132754

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.546 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF001-01

Tgt Ion: 75 Resp: 132754

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.8	118.2#
89	0.0	38.3	57.5#