Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122619\
Data File : VD064629.D
Acq On : 27 Dec 2019 06:51
Operator : VA/SY
Sample : K6439-09
Misc : 3.73G/5.00ml/MSVOA_D/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : LIED-BF006-01

Quant Time: Dec 27 07:48:06 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	225954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	349632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	327916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	137802	69.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 138.32%			
35) Dibromofluoromethane	7.92	113	118216	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.22%			
50) Toluene-d8	10.34	98	415457	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.14%			
62) 4-Bromofluorobenzene	12.64	95	134431	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.50%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.25	59	295	2.583	ug/l #	83
16) Acetone	4.16	43	6619	18.121	ug/l	99
20) Methylene Chloride	4.97	84	4194	Below Cal		91
25) 2-Butanone	7.24	43	1415	2.584	ug/l #	49
29) Tetrahydrofuran	7.58	42	1029	3.021	ug/l #	64
30) Chloroform	7.71	83	5270	1.353	ug/l #	75
31) Cyclohexane	7.98	56	4960	1.335	ug/l #	26
36) 1,1-Dichloropropene	7.98	75	16287	4.840	ug/l #	48
38) Carbon Tetrachloride	7.98	117	21255	5.923	ug/l #	17
49) 1,4-Dioxane	9.44	88	55	3.900	ug/l #	24
76) 1,2,3-Trichloropropane	12.64	75	72567	57.665	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	72567	120.606	ug/l #	10

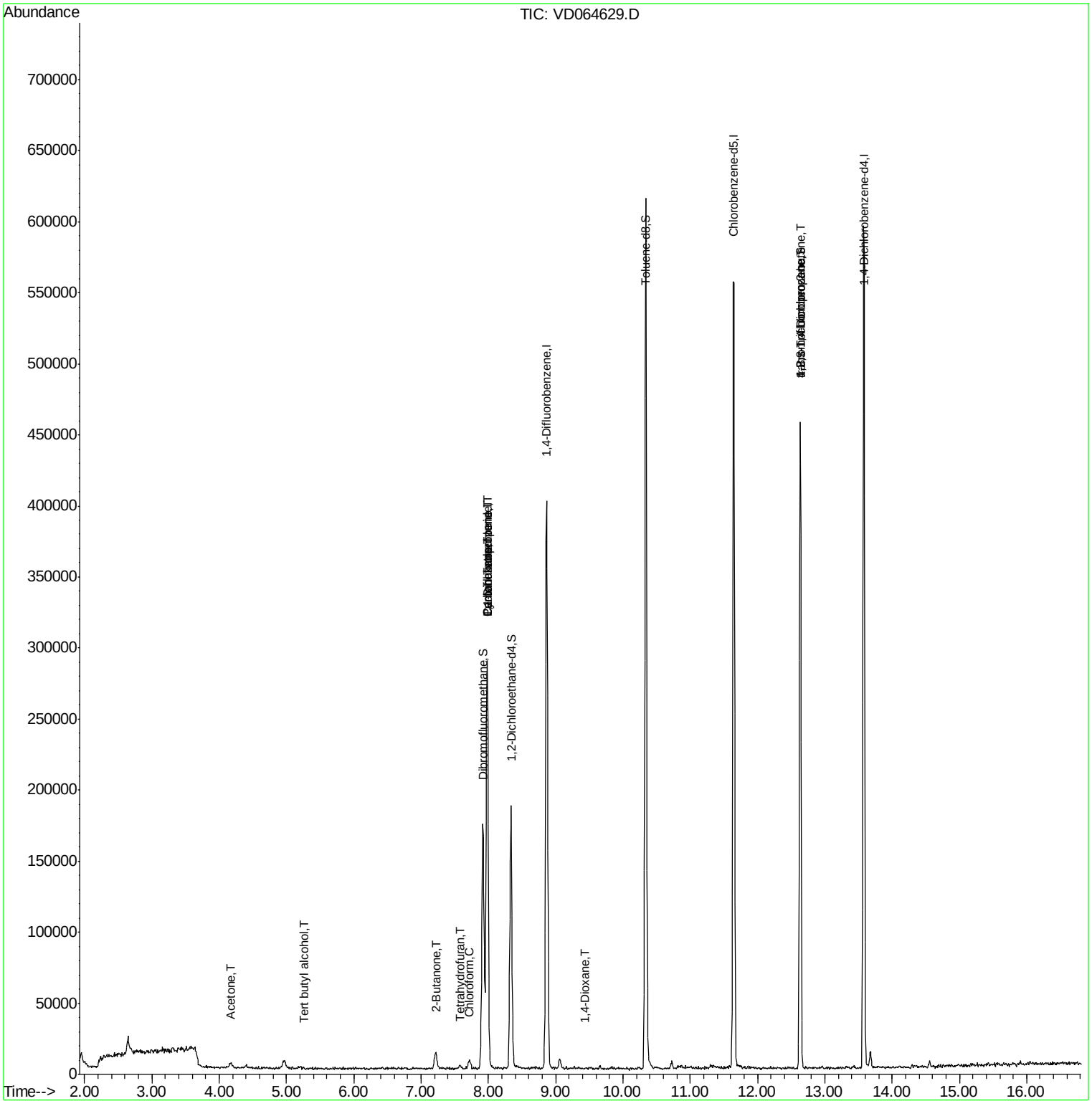
(#) = qualifier out of range (m) = manual integration (+) = signals summed

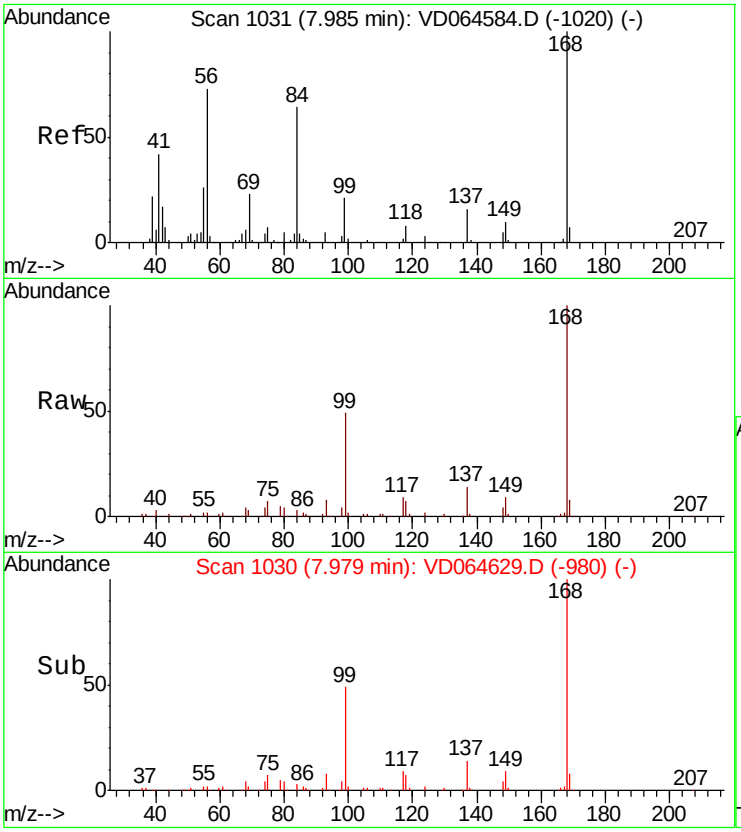
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122619\
Data File : VD064629.D
Acq On : 27 Dec 2019 06:51
Operator : VA/SY
Sample : K6439-09
Misc : 3.73G/5.00ml/MSVOA_D/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF006-01

Quant Time: Dec 27 07:48:06 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



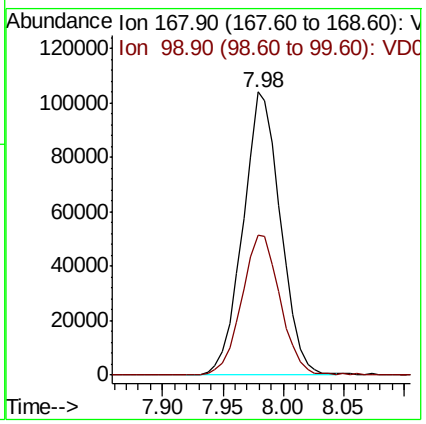


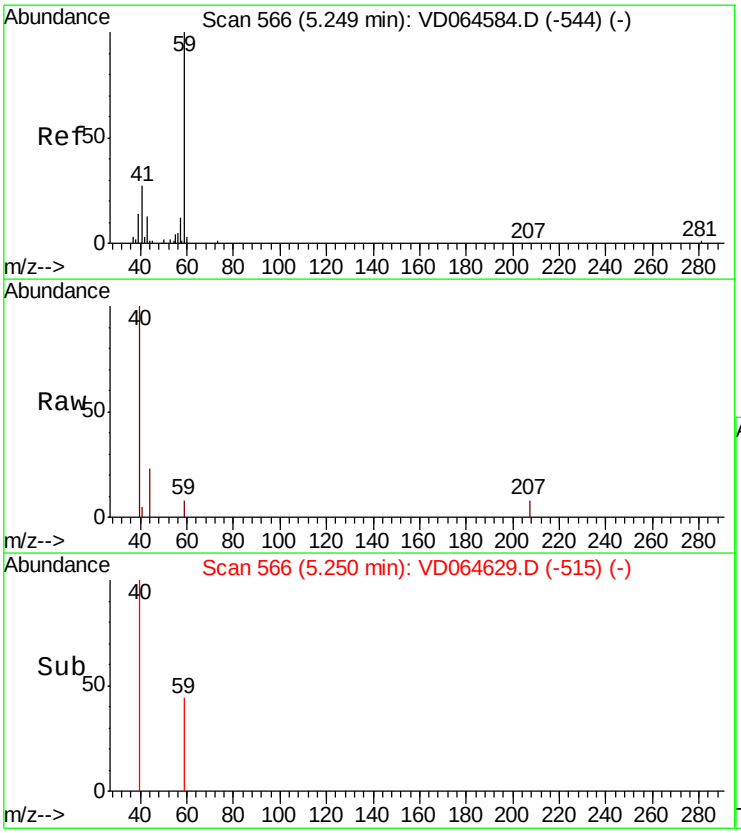
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF006-01

Tgt Ion:168 Resp: 225954

Ion	Ratio	Lower	Upper
168	100		
99	49.5	41.8	62.6

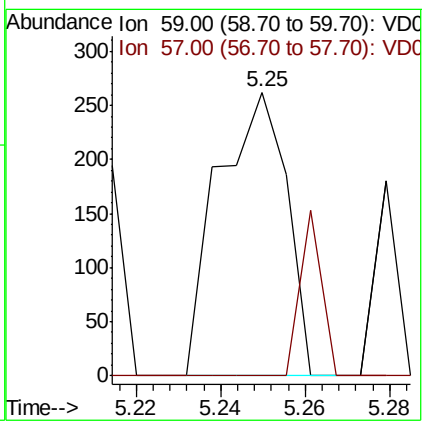


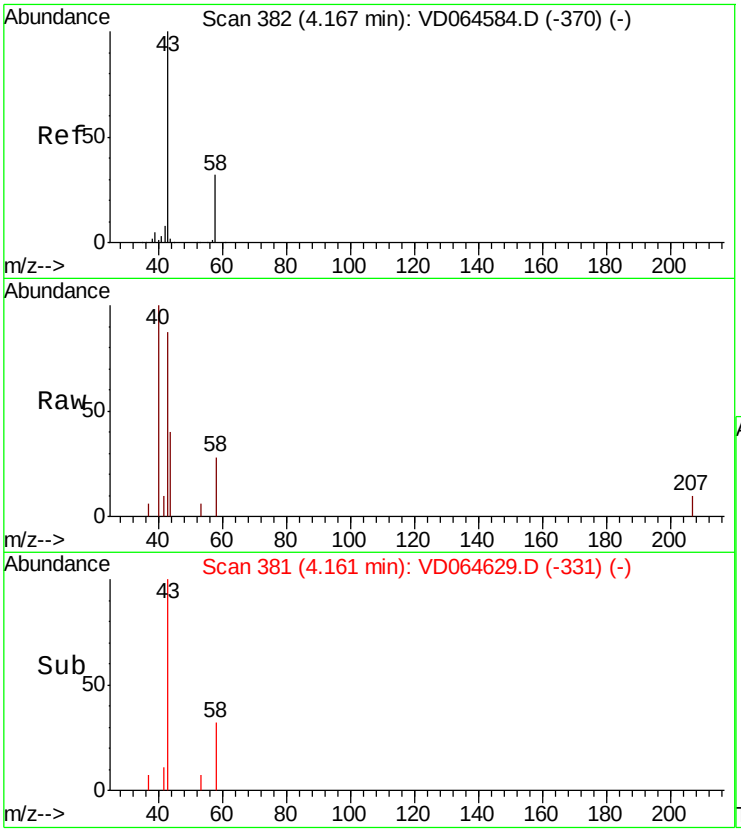


#11
Tert butyl alcohol
Concen: 2.583 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.00 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion: 59 Resp: 295

Ion	Ratio	Lower	Upper
59	100		
57	18.3	9.3	13.9#



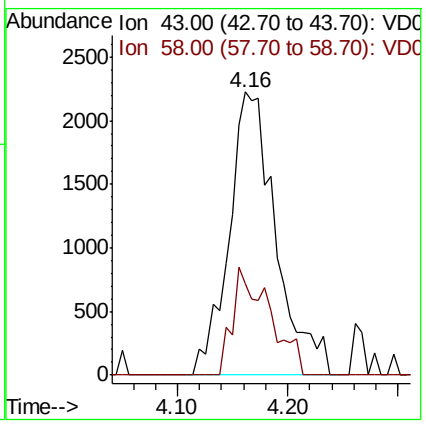


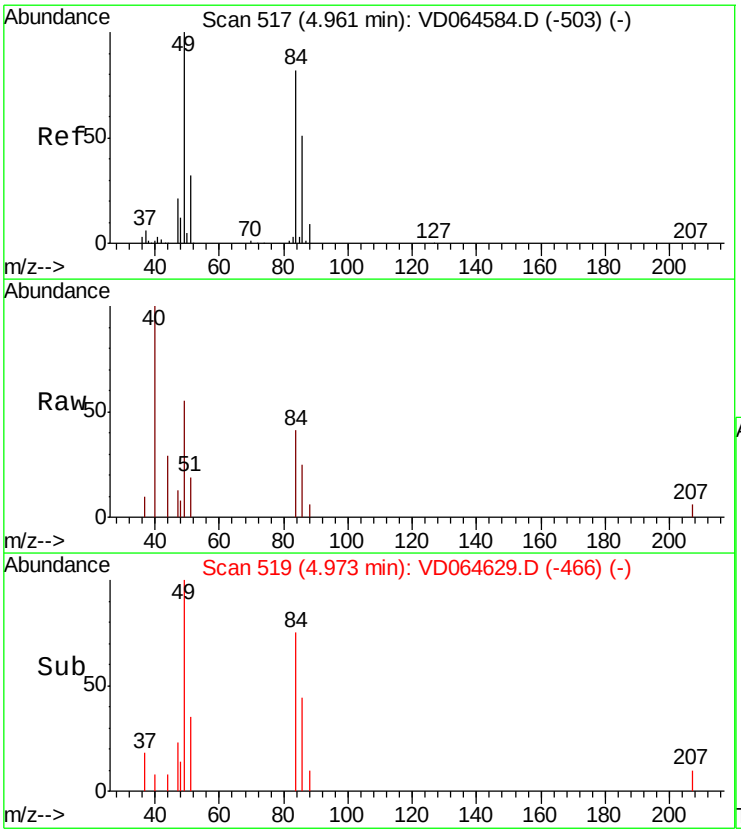
#16
Acetone
Concen: 18.121 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument : MSVOA_D
ClientSampleId : LIED-BF006-01

Tgt Ion: 43 Resp: 6619

Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.8	38.6

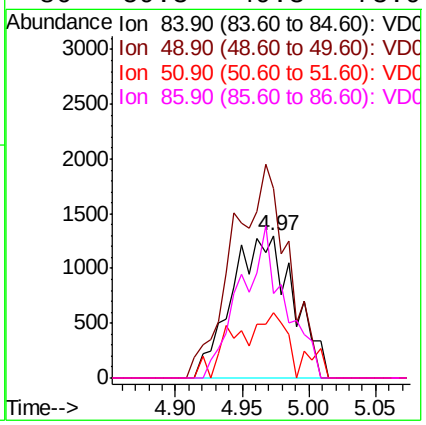


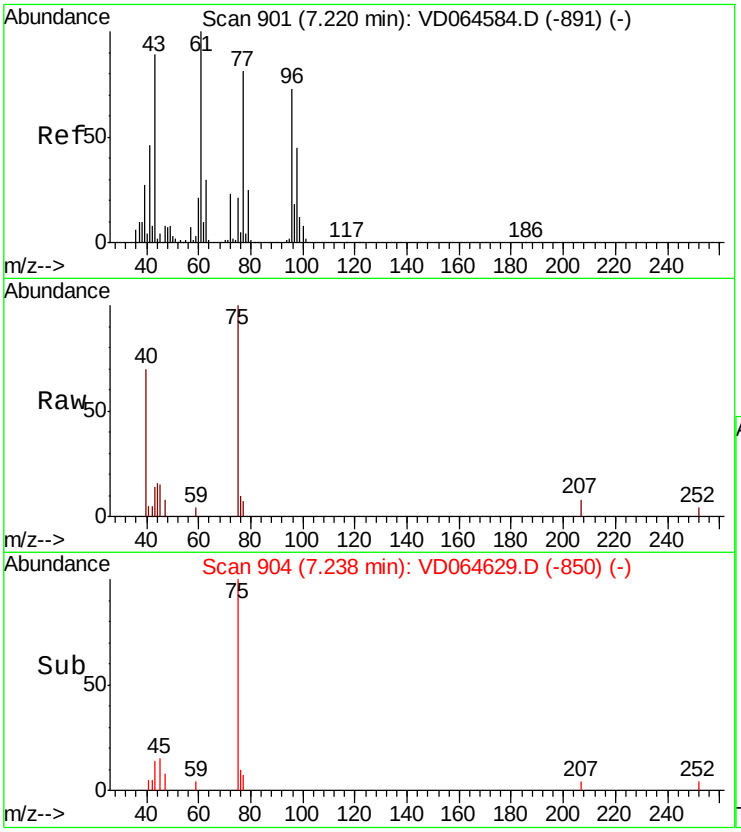


#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion: 84 Resp: 4194

Ion	Ratio	Lower	Upper
84	100		
49	133.7	97.2	145.8
51	46.4	31.4	47.0
86	59.3	49.3	73.9



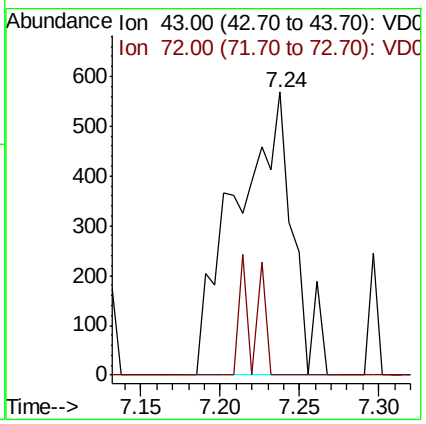


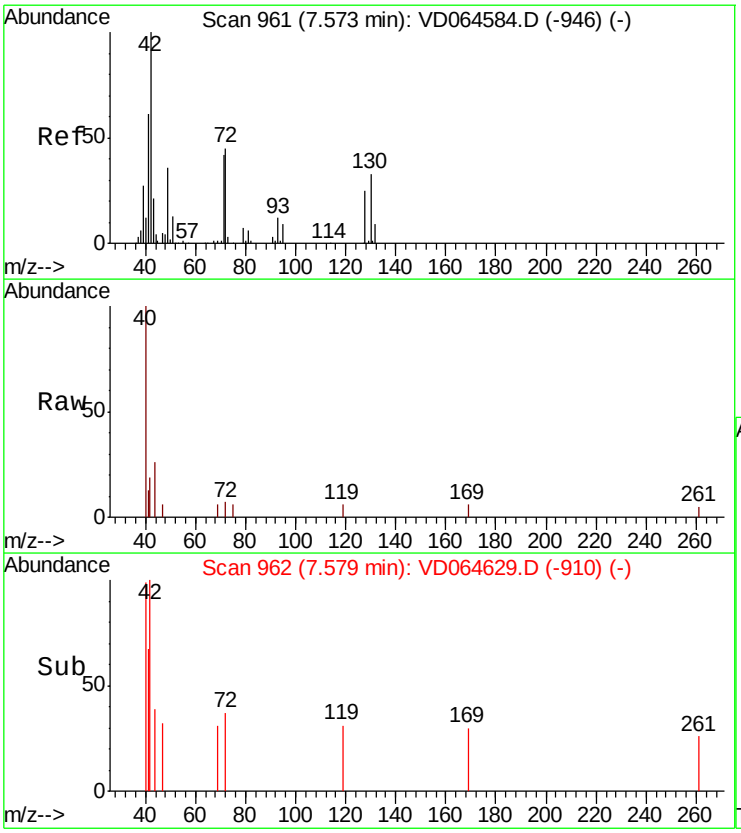
#25
2-Butanone
Concen: 2.584 ug/l
RT: 7.24 min Scan# 904
Delta R.T. 0.02 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF006-01

Tgt Ion: 43 Resp: 1415

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#

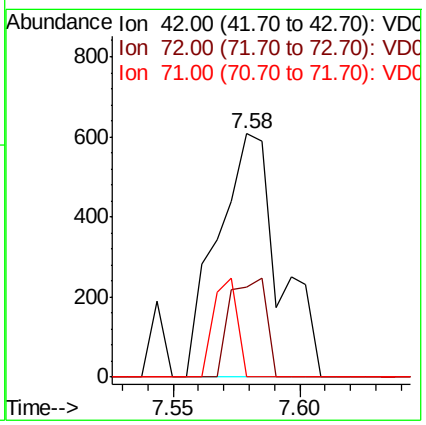


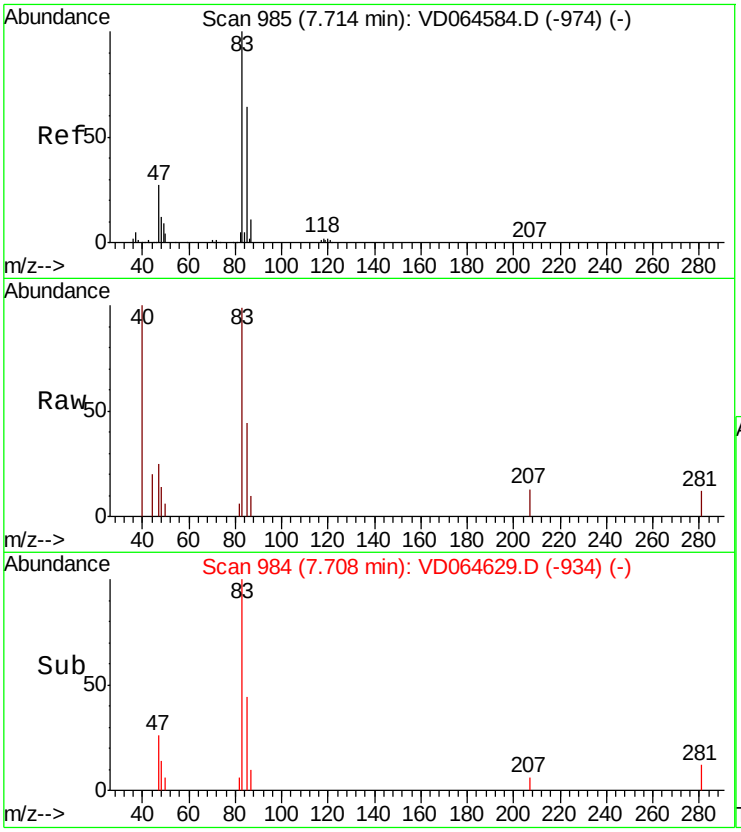


#29
Tetrahydrofuran
Concen: 3.021 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion: 42 Resp: 1029

Ion	Ratio	Lower	Upper
42	100		
72	23.6	35.0	52.4#
71	15.7	32.9	49.3#



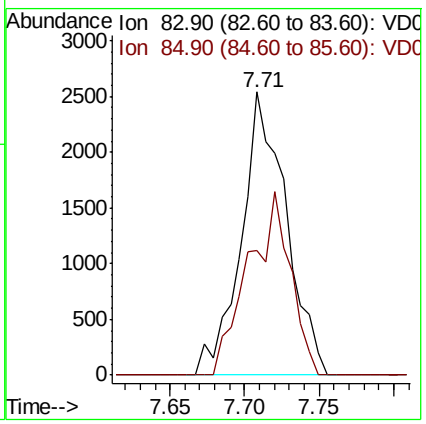


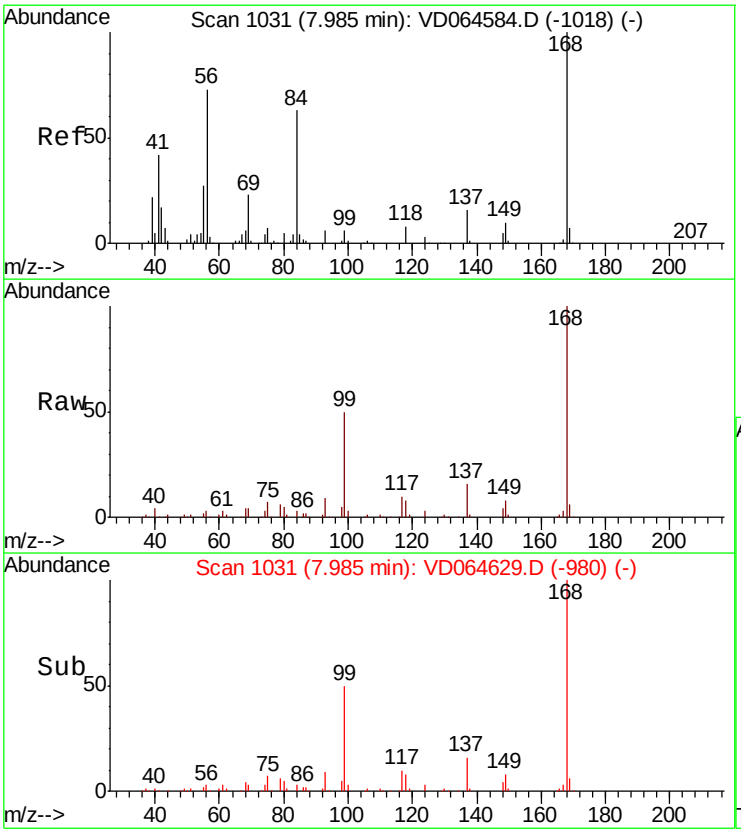
#30
Chloroform
Concen: 1.353 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument : MSVOA_D
ClientSampleId : LIED-BF006-01

Tgt Ion: 83 Resp: 5270

Ion	Ratio	Lower	Upper
83	100		
85	44.2	51.1	76.7#

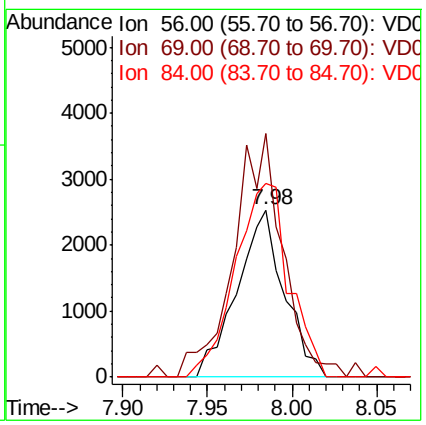


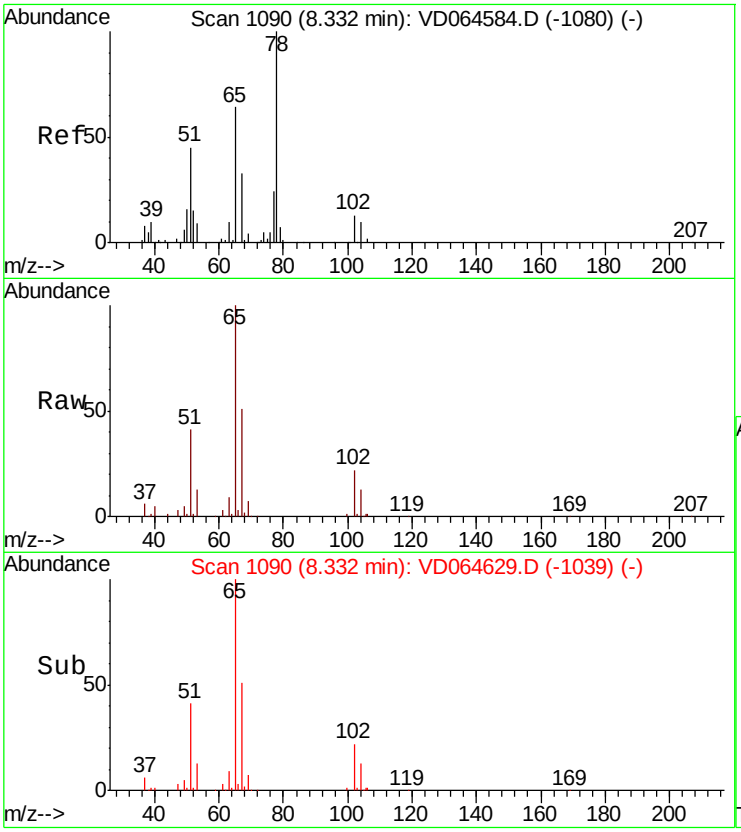


#31
Cyclohexane
Concen: 1.335 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion: 56 Resp: 4960

Ion	Ratio	Lower	Upper
56	100		
69	137.6	24.7	37.1#
84	115.9	69.4	104.2#



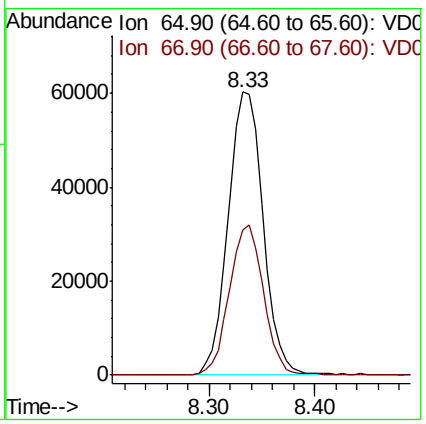


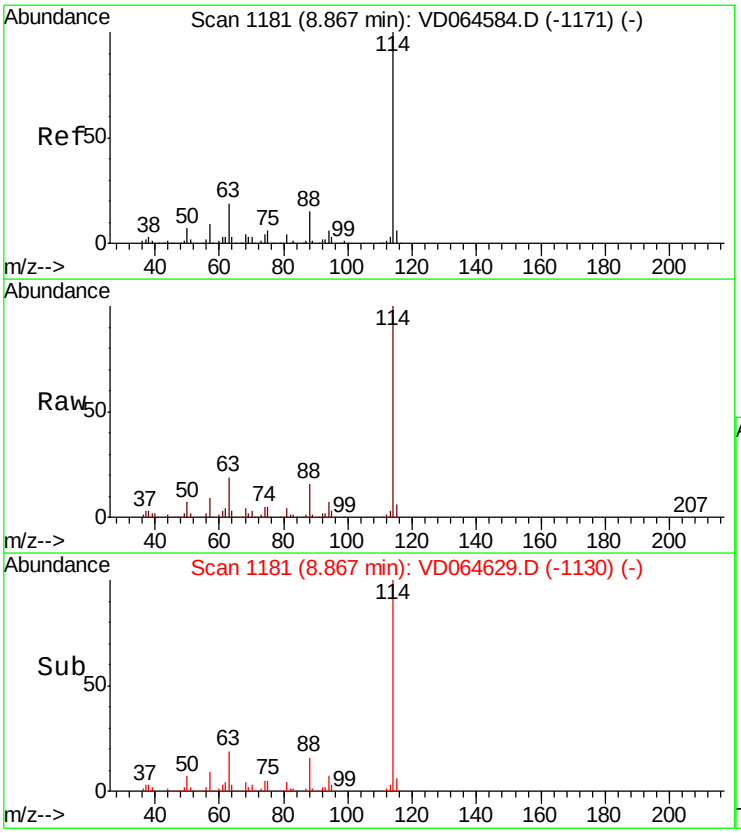
#33
1,2-Dichloroethane-d4
Concen: 69.163 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument : MSVOA_D
ClientSampleId : LIED-BF006-01

Tgt Ion: 65 Resp: 137802

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.2

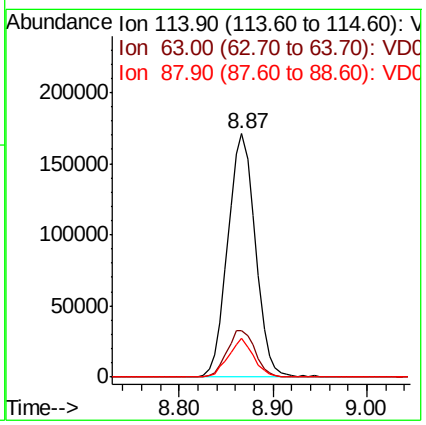


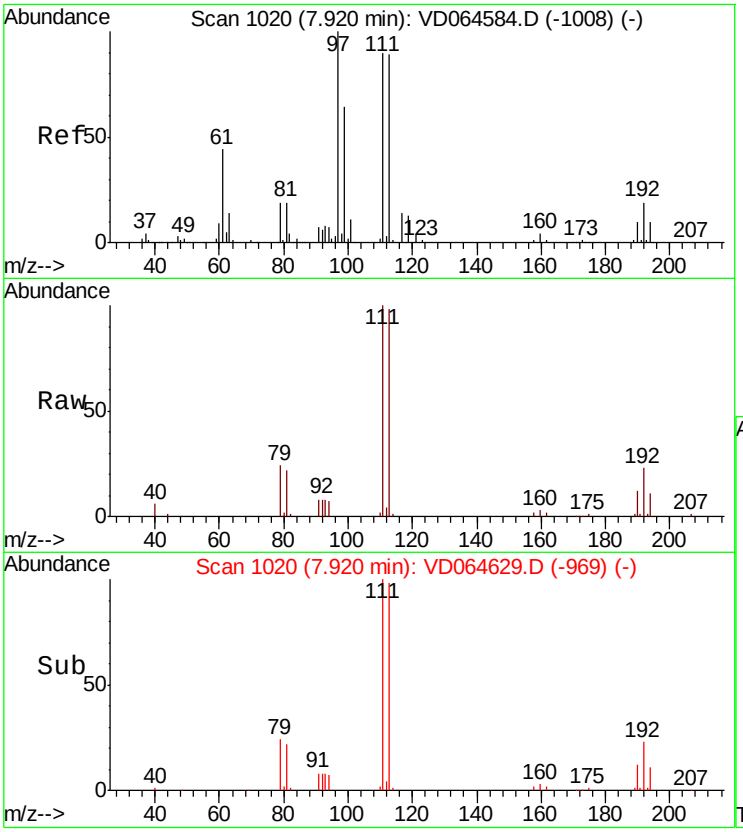


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion:114 Resp: 349632

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.0
88	15.8	0.0	29.2



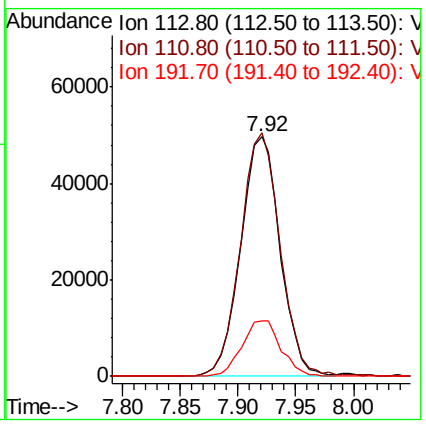


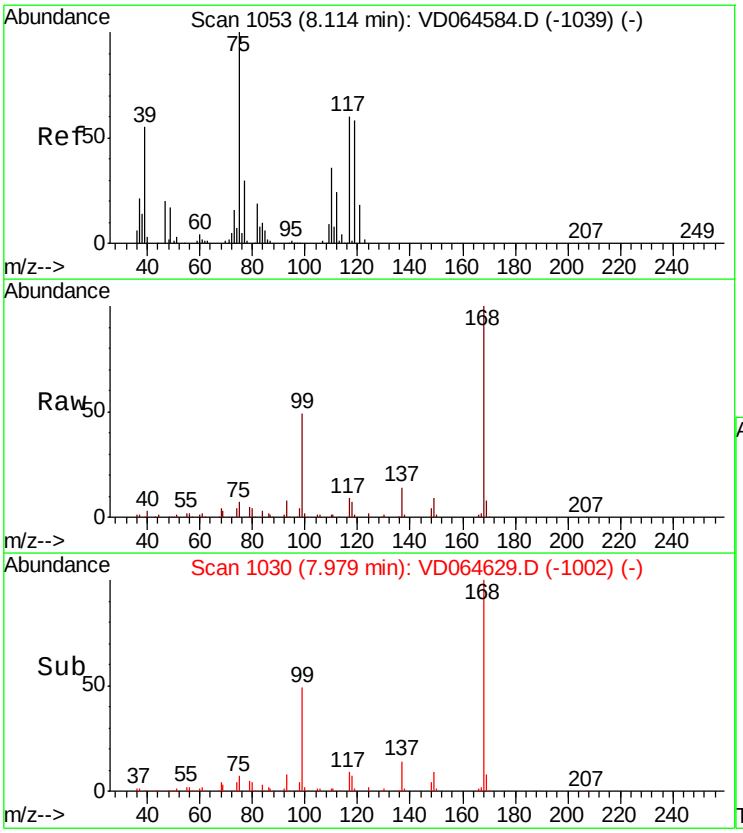
#35
Dibromofluoromethane
Concen: 55.111 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF006-01

Tgt Ion:113 Resp: 118216

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	22.9	17.9	26.9

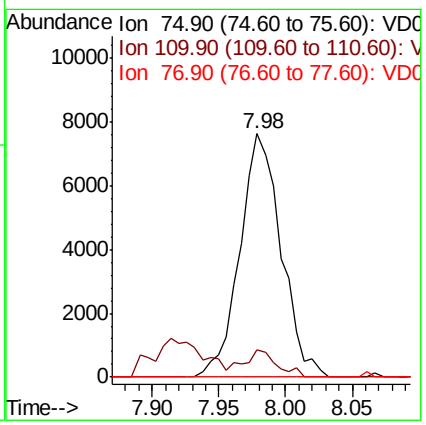


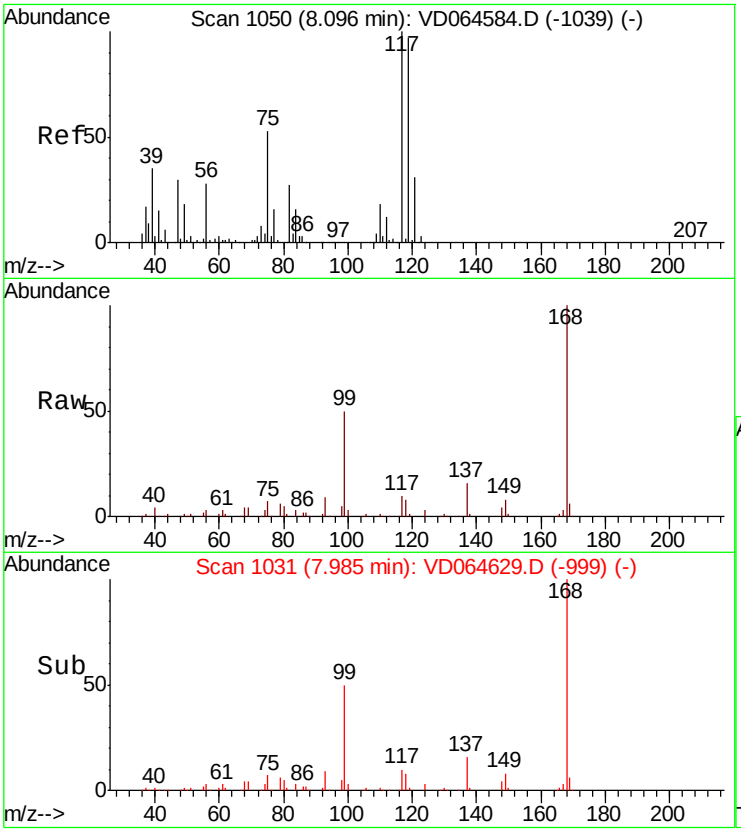


#36
1,1-Dichloropropene
Concen: 4.840 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion: 75 Resp: 16287

Ion	Ratio	Lower	Upper
75	100		
110	7.1	18.1	54.1#
77	0.0	24.2	36.4#



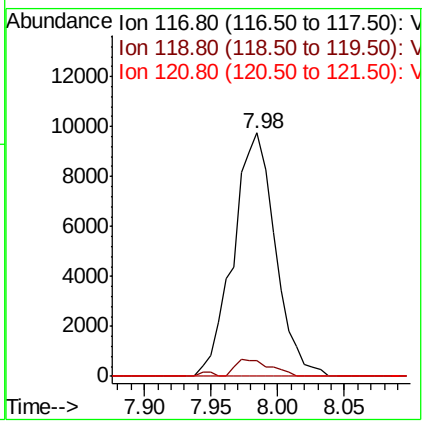


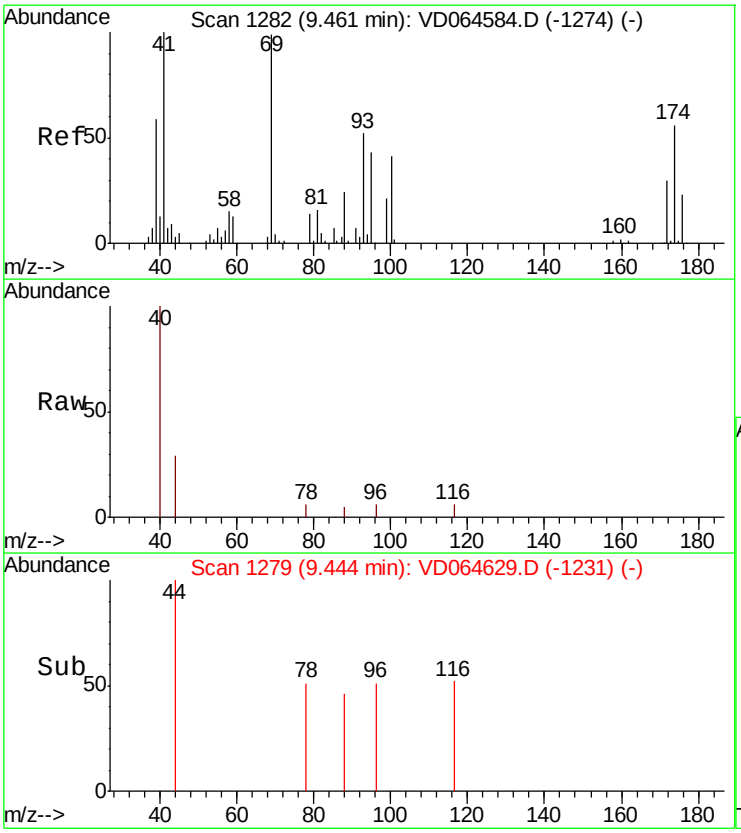
#38
Carbon Tetrachloride
Concen: 5.923 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument : MSVOA_D
ClientSampleId : LIED-BF006-01

Tgt Ion:117 Resp: 21255

Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.3	115.9#
121	0.0	25.0	37.6#

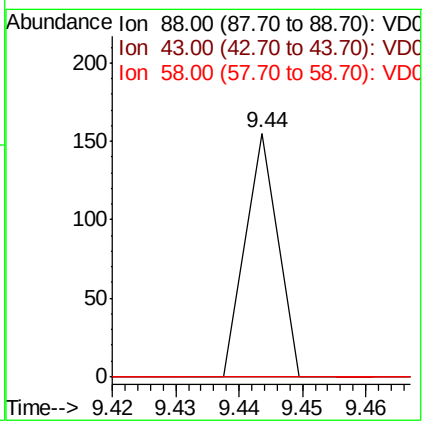


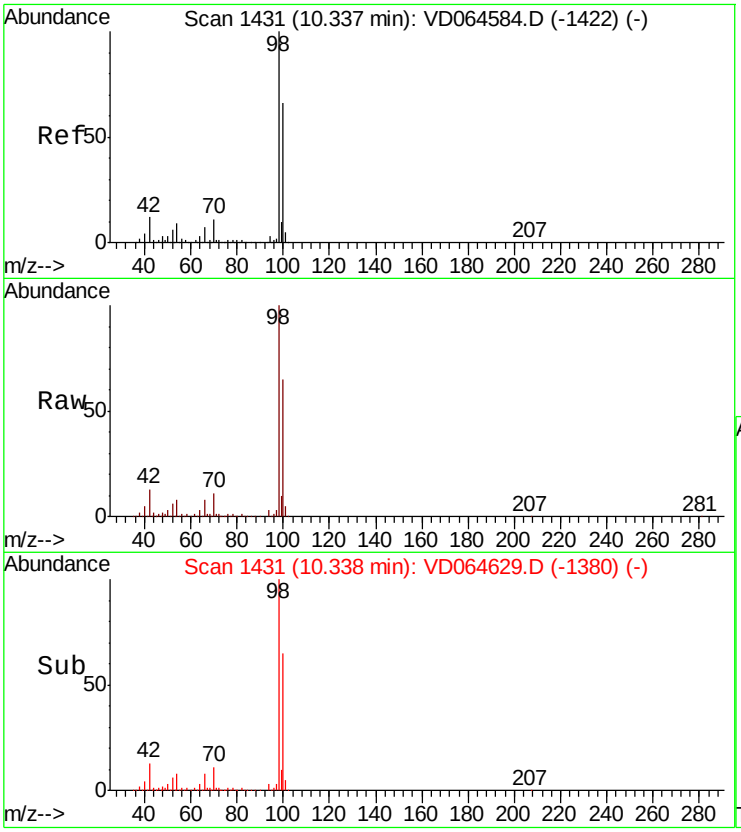


#49
1,4-Dioxane
Concen: 3.900 ug/l
RT: 9.44 min Scan# 1279
Delta R.T. -0.02 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.7	41.5#
58	0.0	53.8	80.6#



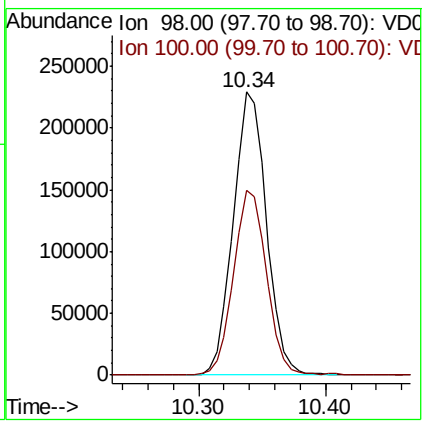


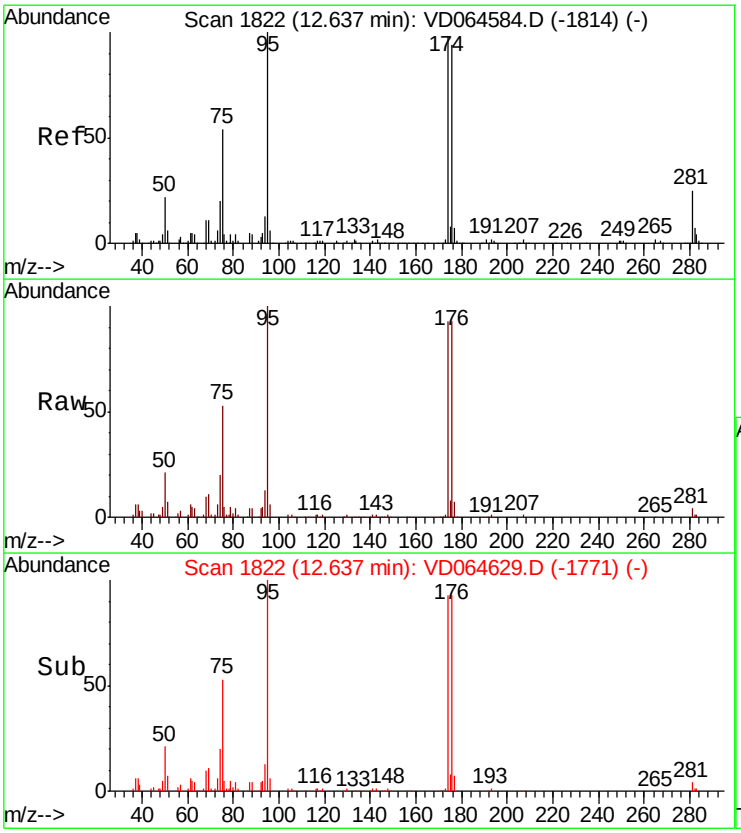
#50
Toluene-d8
Concen: 50.571 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument : MSVOA_D
ClientSampleId : LIED-BF006-01

Tgt Ion: 98 Resp: 415457

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5

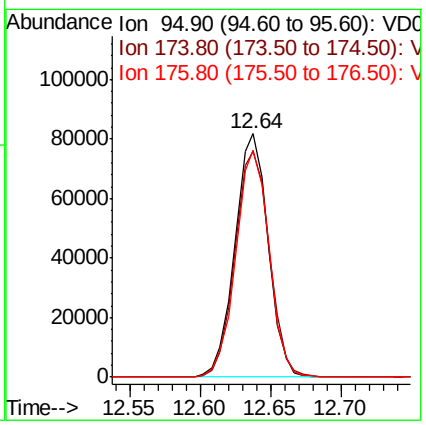


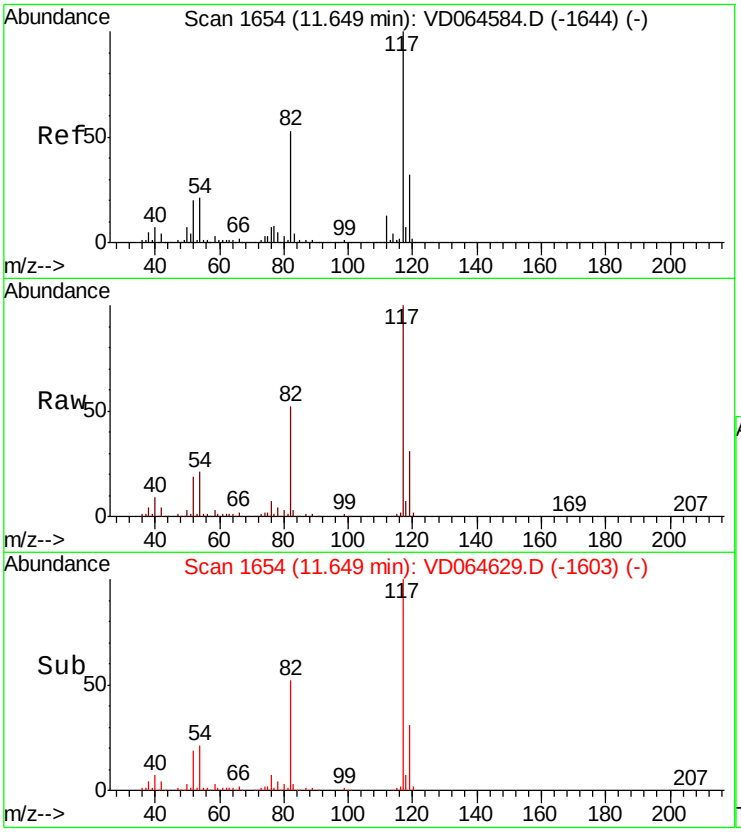


#62
4-Bromofluorobenzene
Concen: 51.749 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion: 95 Resp: 134431

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	193.2
176	93.4	0.0	184.2



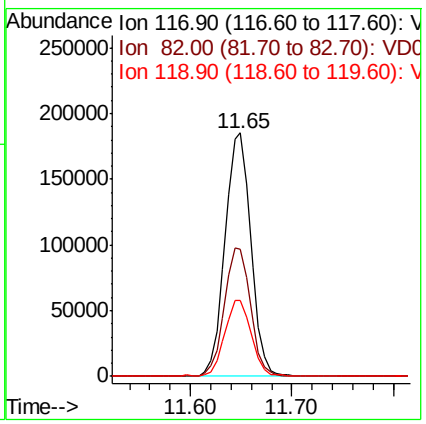


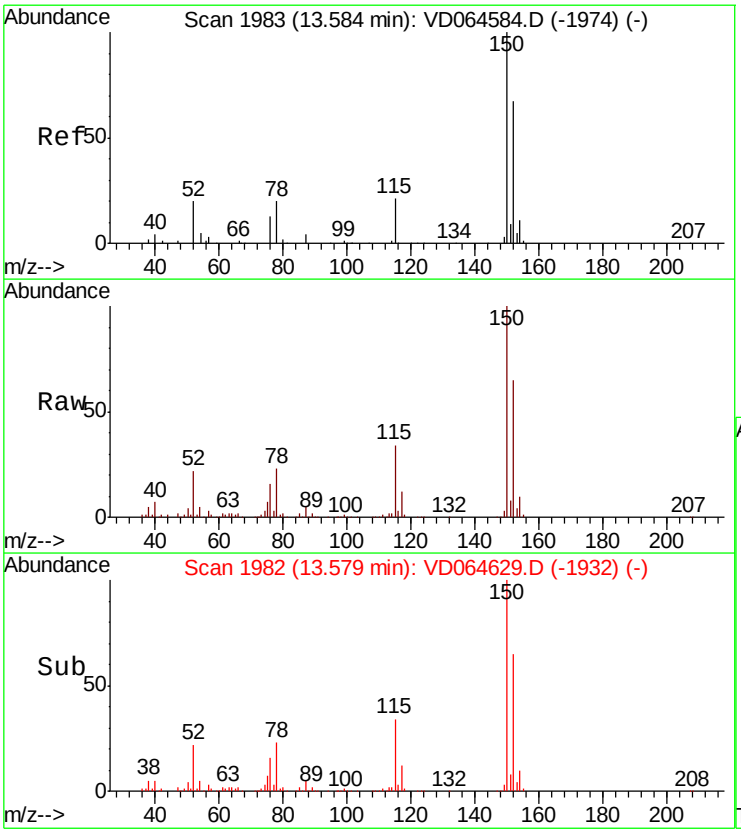
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument : MSVOA_D
ClientSampleId : LIED-BF006-01

Tgt Ion:117 Resp: 327916

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.4
119	31.0	26.0	39.0

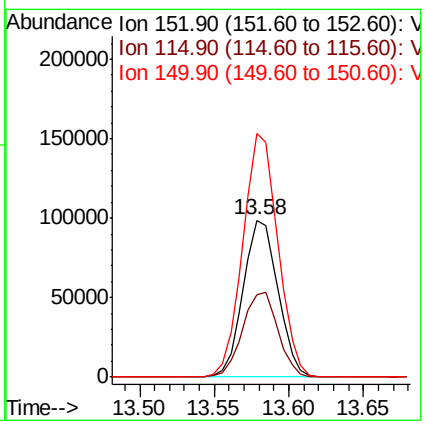


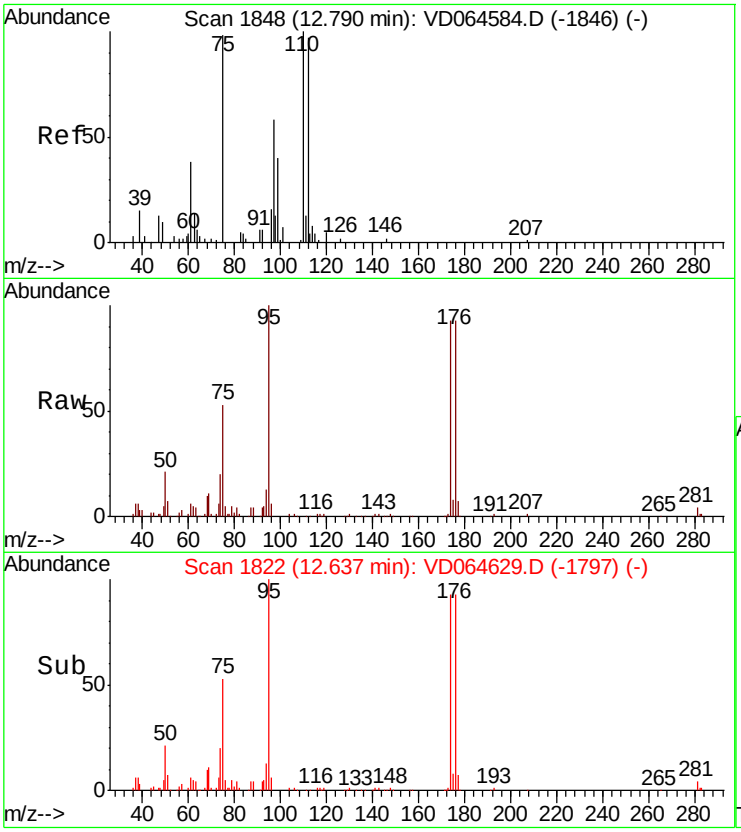


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion:152 Resp: 159361

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.8	83.4
150	155.9	0.0	351.4



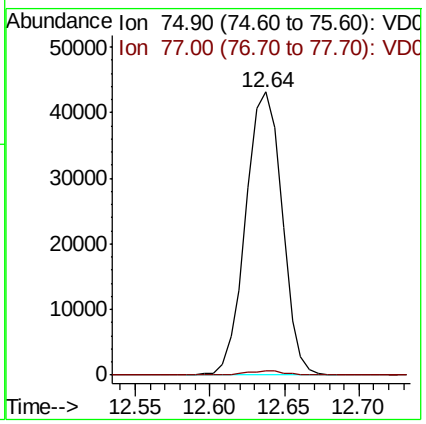


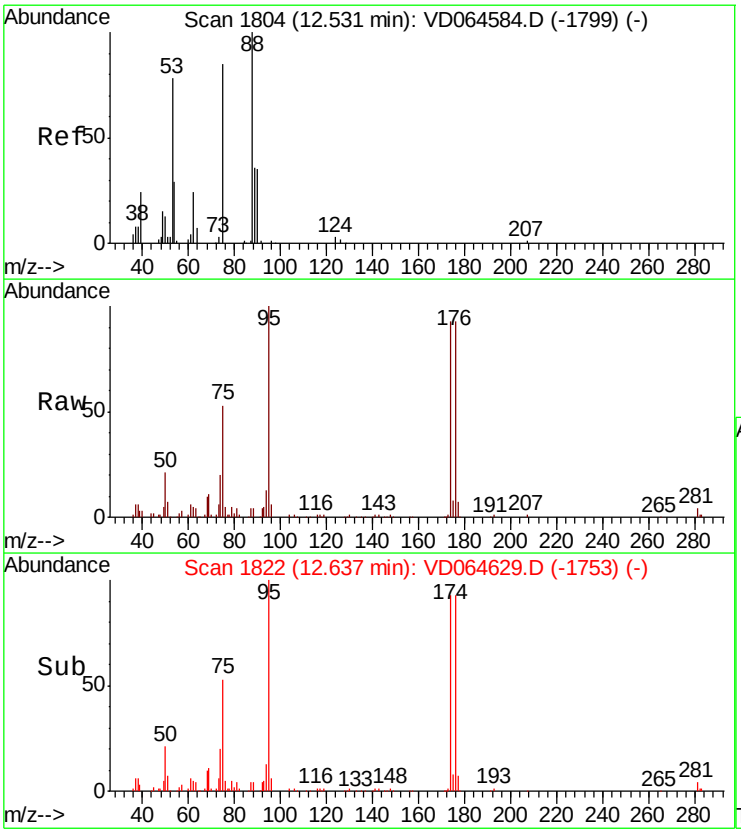
#76
1,2,3-Trichloropropane
Concen: 57.665 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF006-01

Tgt Ion: 75 Resp: 72567

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 120.606 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion: 75 Resp: 72567

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