Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122619\
Data File : VD064627.D
Acq On : 27 Dec 2019 05:53
Operator : VA/SY
Sample : K6439-07
Misc : 4.35G/5.00ml/MSVOA_D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : LIED-BF004-01

Quant Time: Dec 27 06:21:44 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	273652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	419469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	399648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	166729	69.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 138.20%			
35) Dibromofluoromethane	7.92	113	144107	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.00%			
50) Toluene-d8	10.34	98	504443	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.36%			
62) 4-Bromofluorobenzene	12.64	95	169521	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.78%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.24	59	290	2.097	ug/l #	70
16) Acetone	4.17	43	4116	11.324	ug/l #	81
20) Methylene Chloride	4.96	84	5318	Below Cal	#	83
25) 2-Butanone	7.21	43	825	1.244	ug/l #	49
29) Tetrahydrofuran	7.58	42	2334	5.658	ug/l #	85
30) Chloroform	7.71	83	6150	1.304	ug/l	98
31) Cyclohexane	7.98	56	5973	1.328	ug/l #	24
36) 1,1-Dichloropropene	7.98	75	19060	4.721	ug/l #	49
38) Carbon Tetrachloride	7.98	117	24630	5.721	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	90170	59.113	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	90170	123.634	ug/l #	10

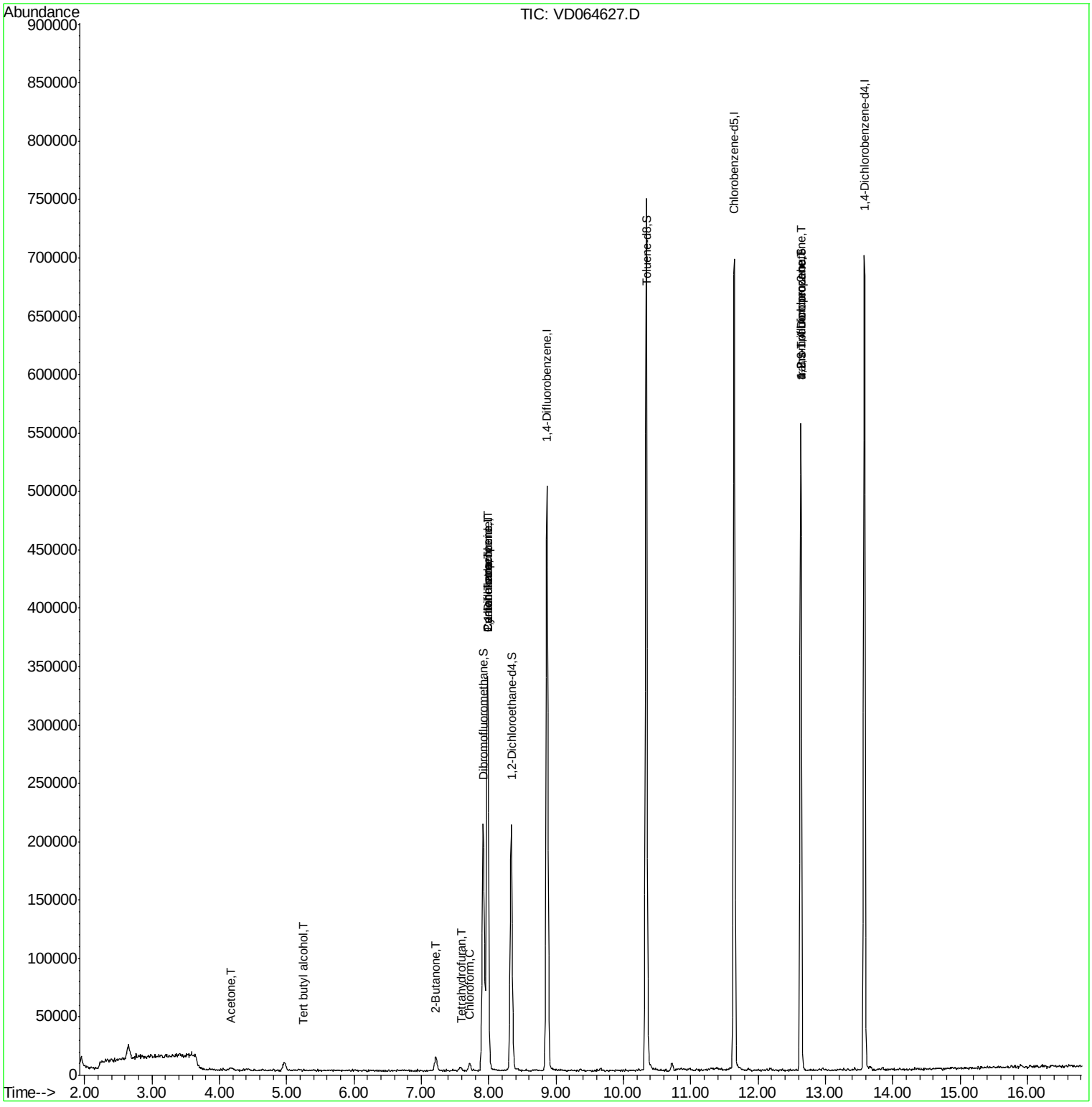
(#) = qualifier out of range (m) = manual integration (+) = signals summed

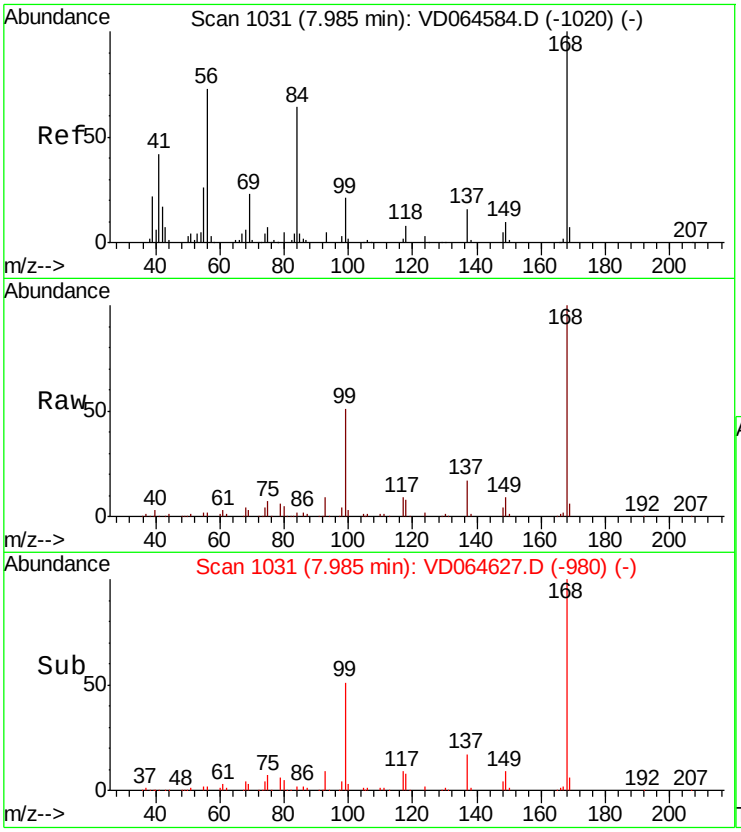
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064627.D
Acq On : 27 Dec 2019 05:53
Operator : VA/SY
Sample : K6439-07
Misc : 4.35G/5.00ml/MSVOA D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF004-01

Quant Time: Dec 27 06:21:44 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



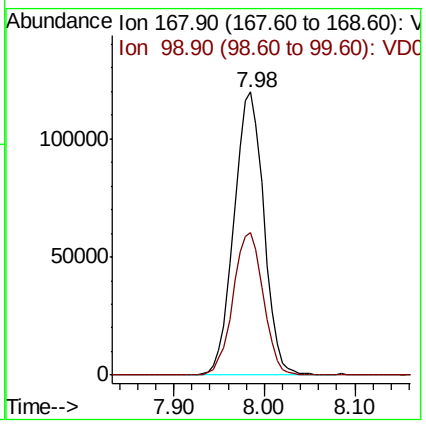


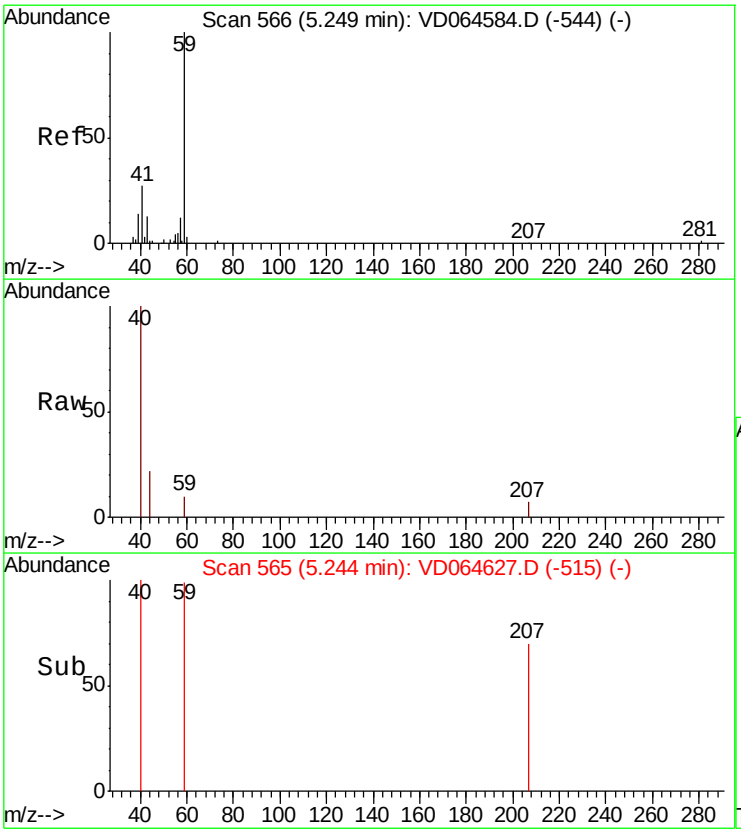
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF004-01

Tgt Ion:168 Resp: 273652

Ion	Ratio	Lower	Upper
168	100		
99	50.5	41.8	62.6

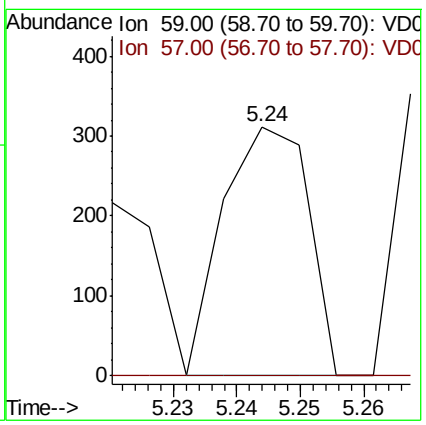


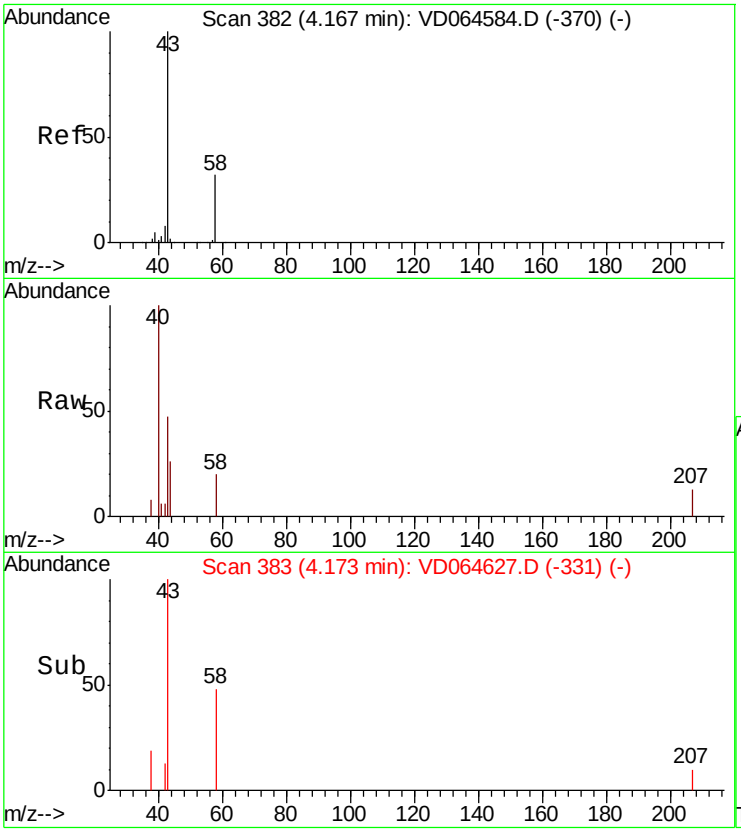


#11
Tert butyl alcohol
Concen: 2.097 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Tgt Ion: 59 Resp: 290

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



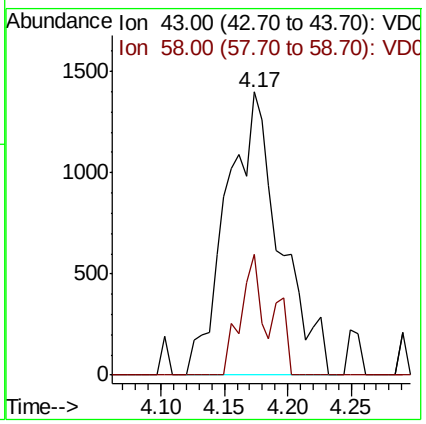


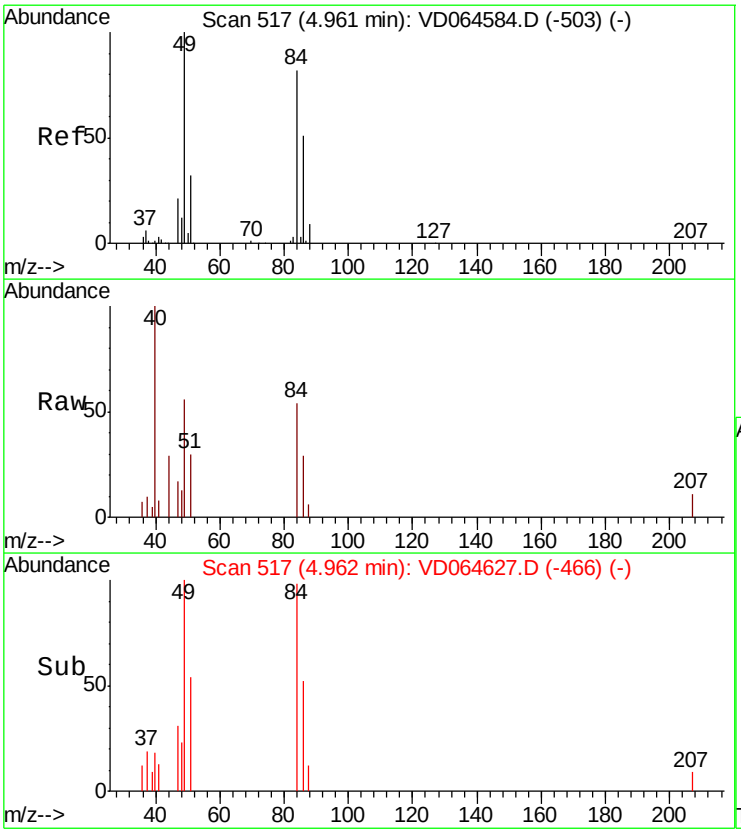
#16
Acetone
Concen: 11.324 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.01 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Instrument : MSVOA_D
ClientSampleId : LIED-BF004-01

Tgt Ion: 43 Resp: 4116

Ion	Ratio	Lower	Upper
43	100		
58	42.6	25.8	38.6#

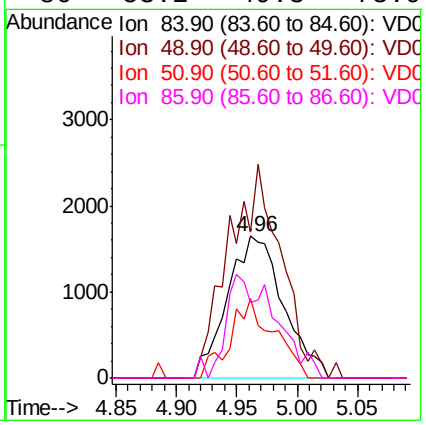


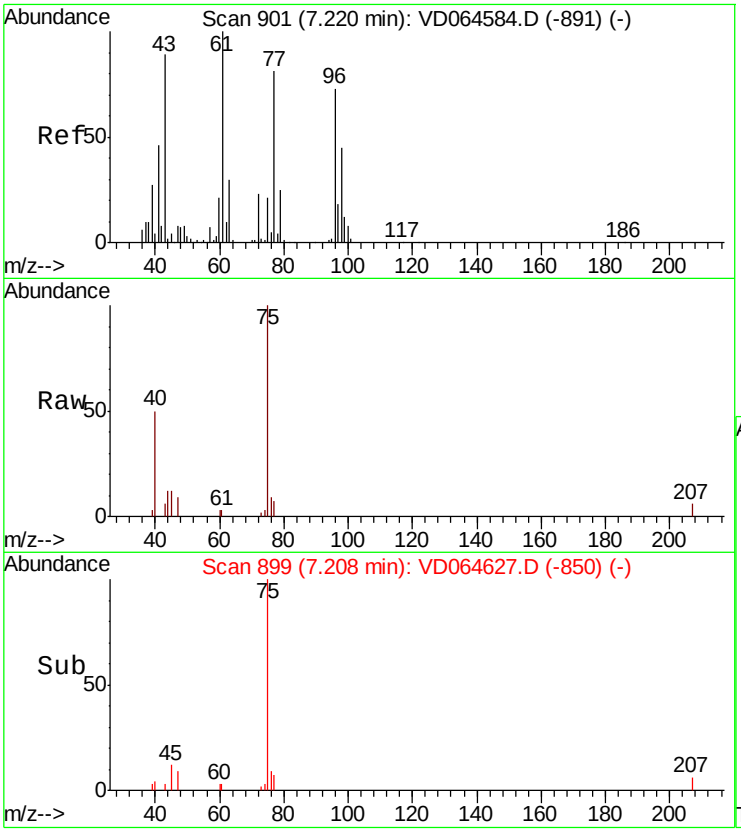


#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Tgt Ion: 84 Resp: 5318

Ion	Ratio	Lower	Upper
84	100		
49	102.3	97.2	145.8
51	55.6	31.4	47.0#
86	53.2	49.3	73.9



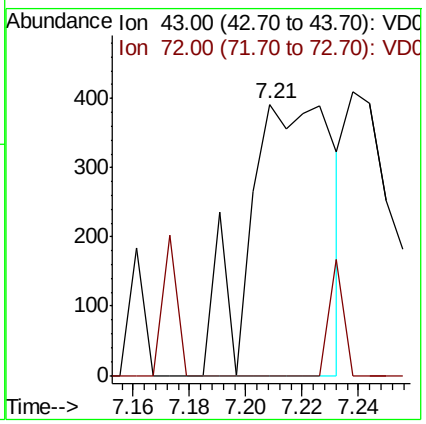


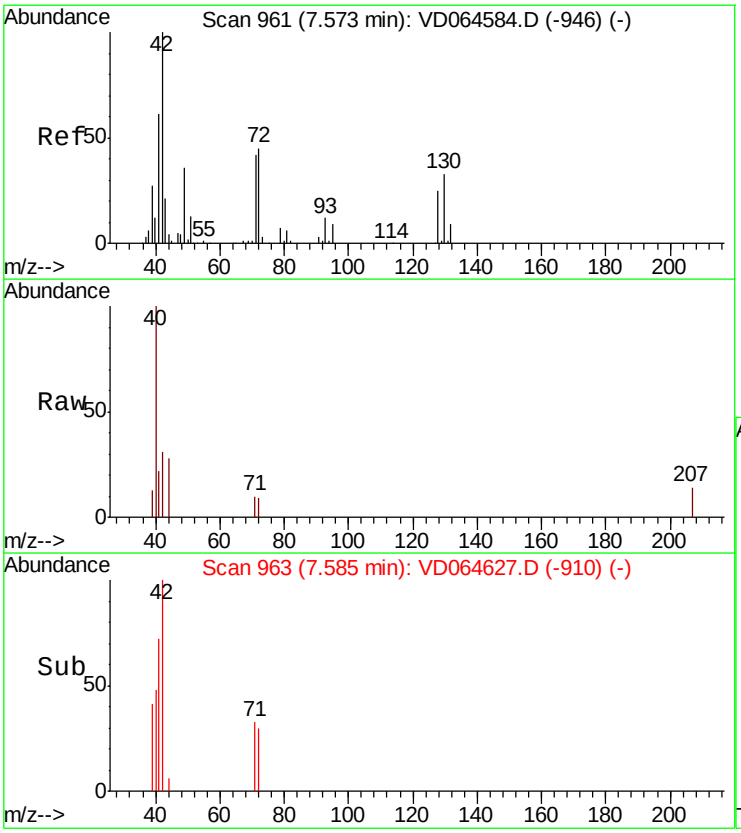
#25
2-Butanone
Concen: 1.244 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Instrument : MSVOA_D
ClientSampleId : LIED-BF004-01

Tgt Ion: 43 Resp: 825

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#

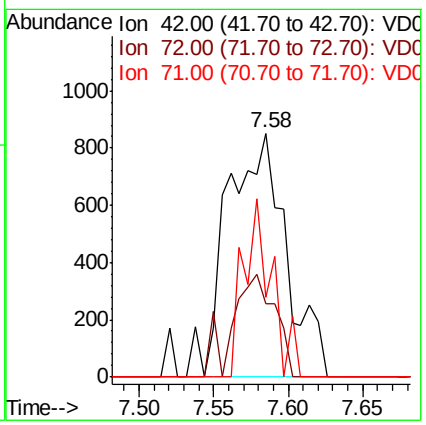


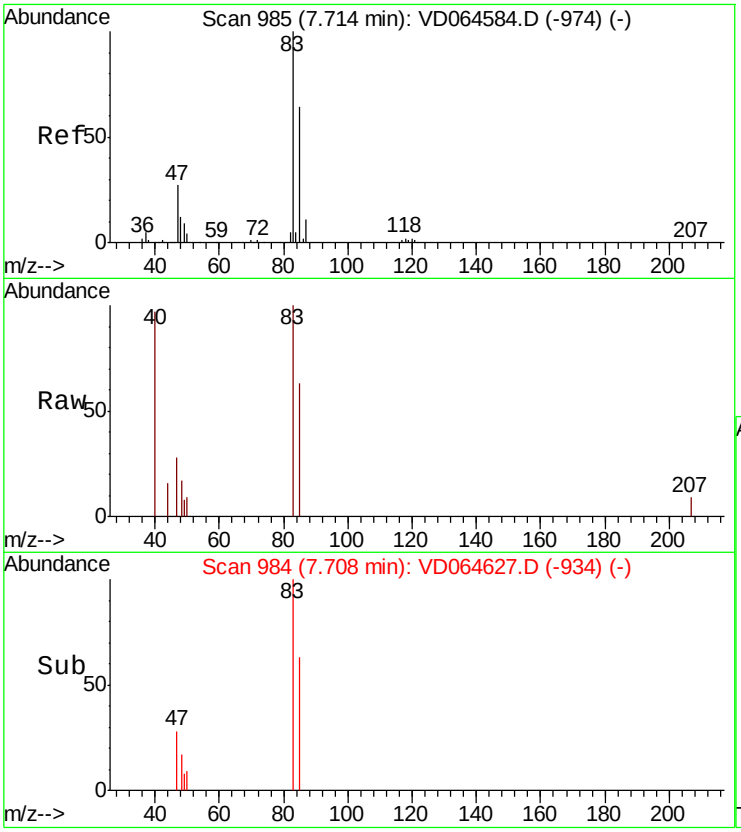


#29
Tetrahydrofuran
Concen: 5.658 ug/l
RT: 7.58 min Scan# 963
Delta R.T. 0.01 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Tgt Ion: 42 Resp: 2334

Ion	Ratio	Lower	Upper
42	100		
72	30.8	35.0	52.4#
71	35.0	32.9	49.3



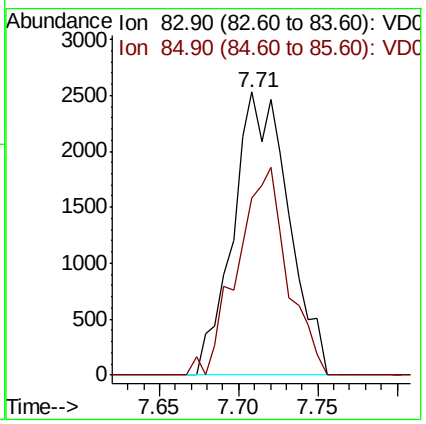


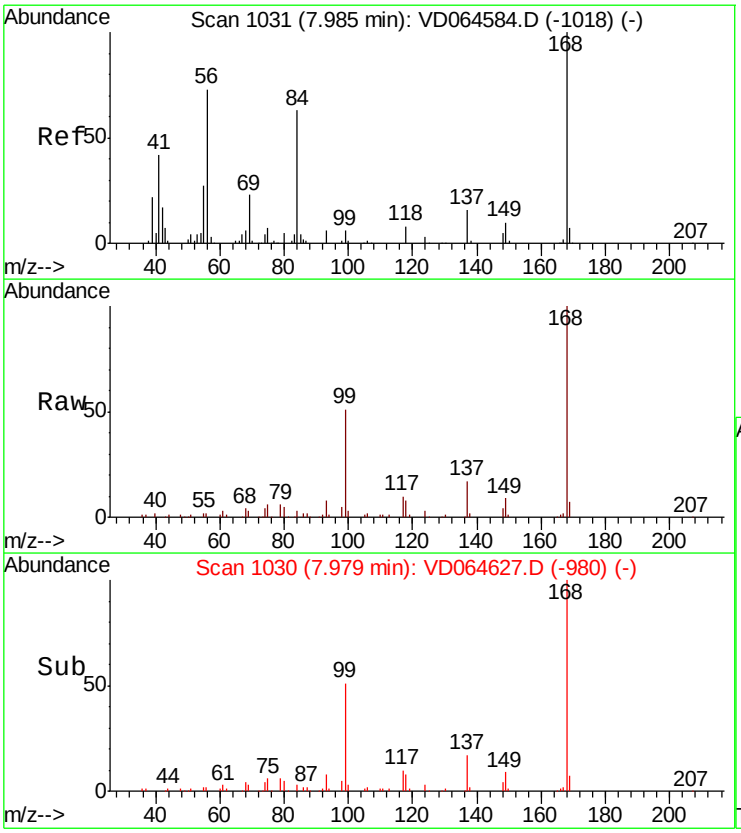
#30
Chloroform
Concen: 1.304 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Instrument : MSVOA_D
ClientSampleId : LIED-BF004-01

Tgt Ion: 83 Resp: 6150

Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.1	76.7

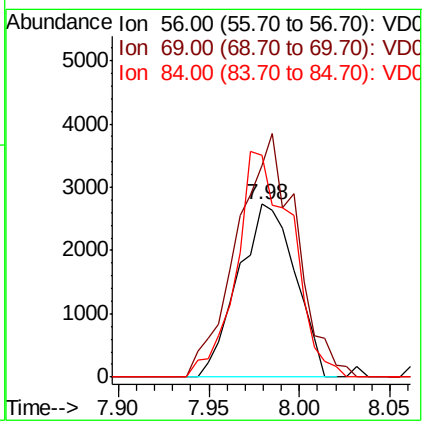


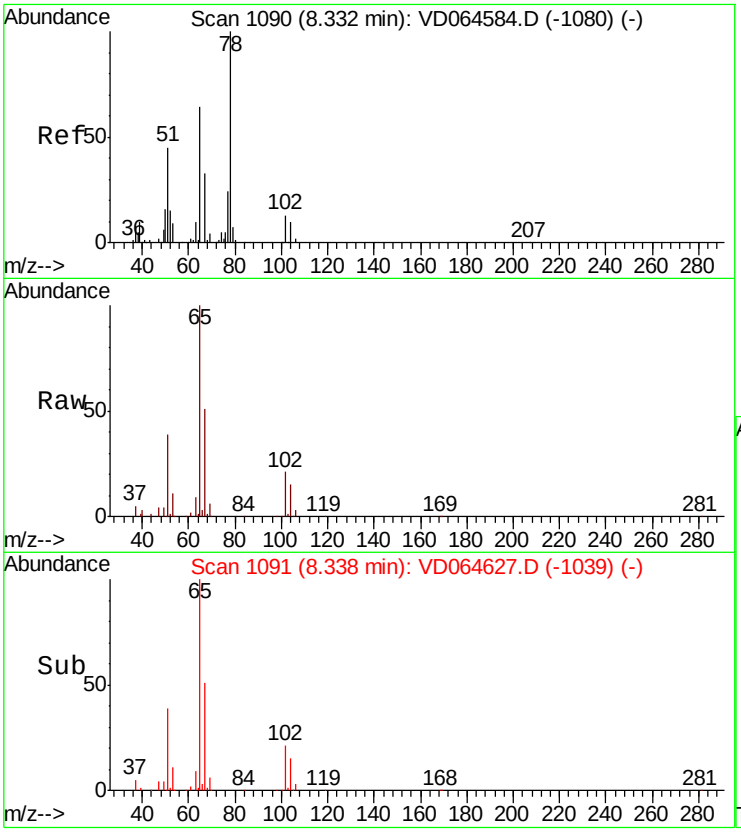


#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Tgt Ion: 56 Resp: 5973

Ion	Ratio	Lower	Upper
56	100		
69	122.2	24.7	37.1#
84	127.8	69.4	104.2#



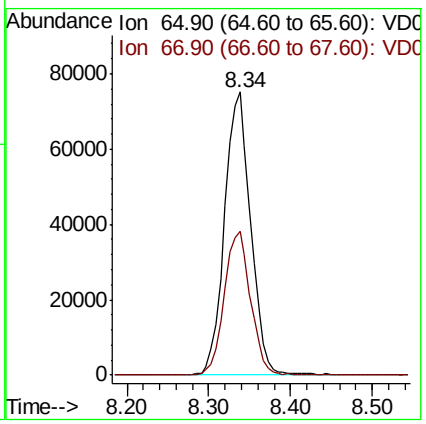


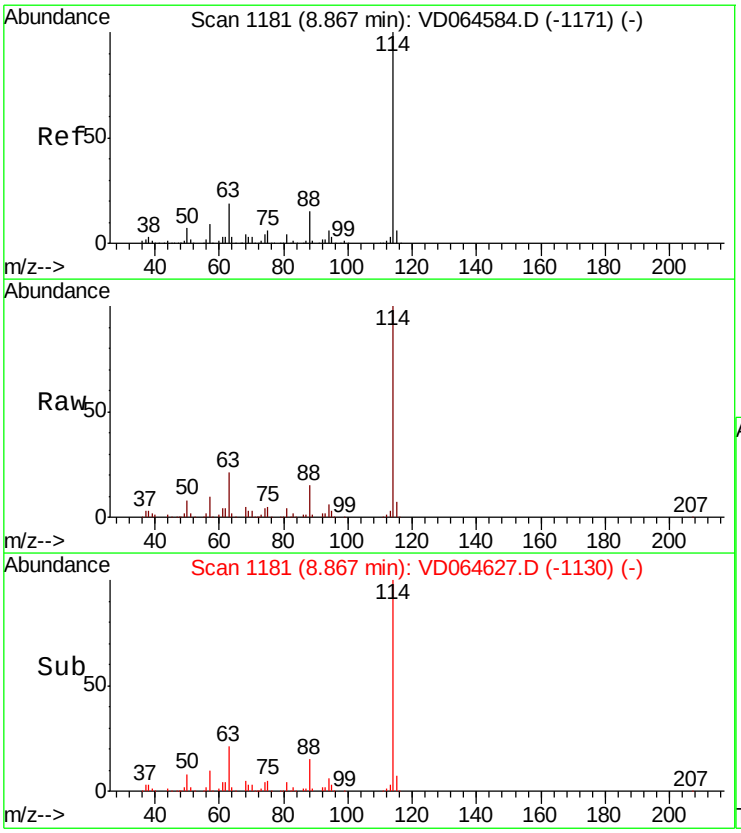
#33
1,2-Dichloroethane-d4
Concen: 69.095 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Instrument : MSVOA_D
ClientSampleId : LIED-BF004-01

Tgt Ion: 65 Resp: 166729

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	106.2

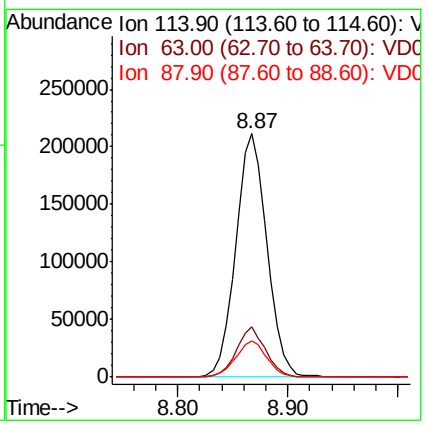


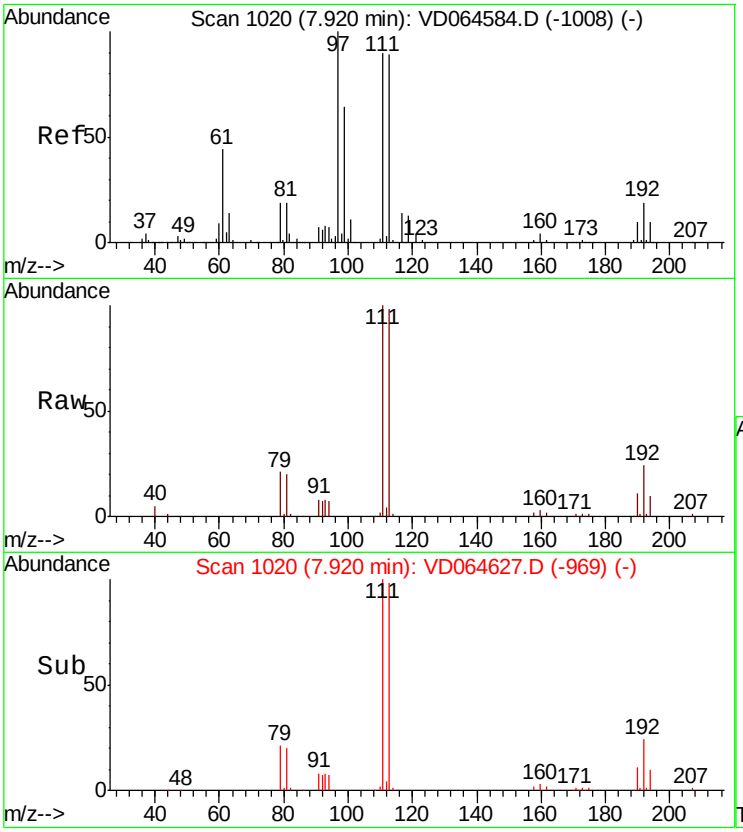


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Tgt Ion:114 Resp: 419469

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.0
88	14.7	0.0	29.2



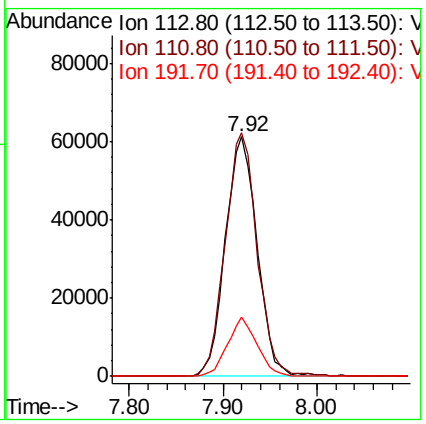


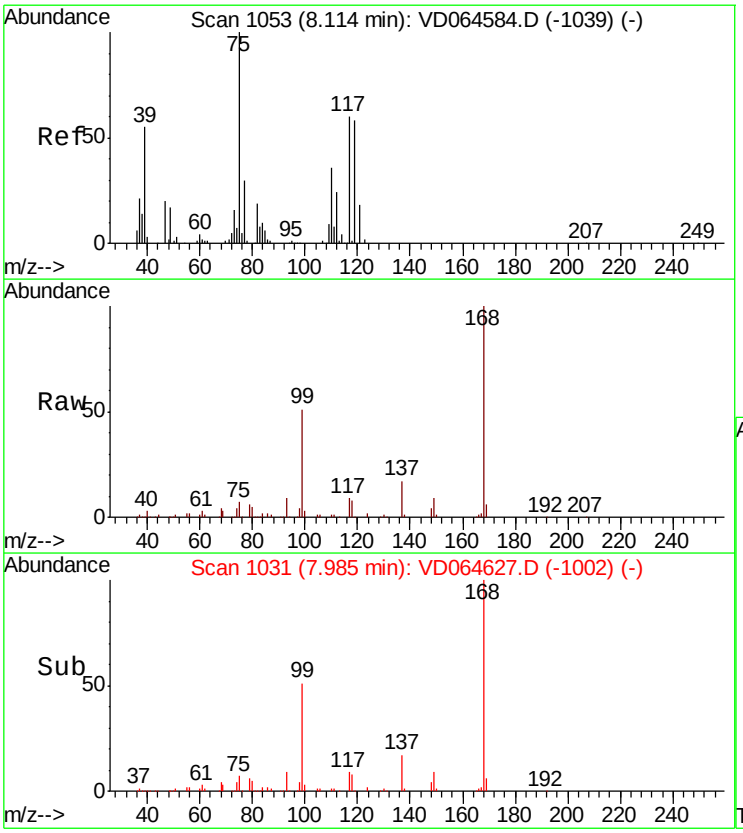
#35
Dibromofluoromethane
Concen: 55.996 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF004-01

Tgt Ion:113 Resp: 144107

Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.6	121.0
192	22.6	17.9	26.9

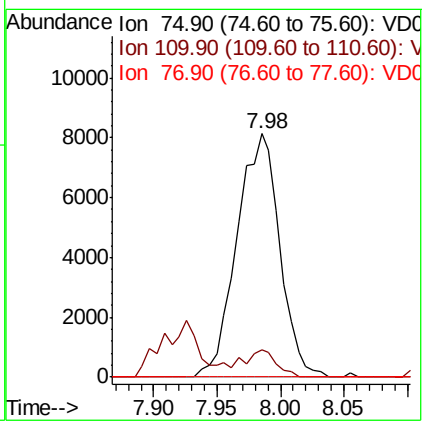


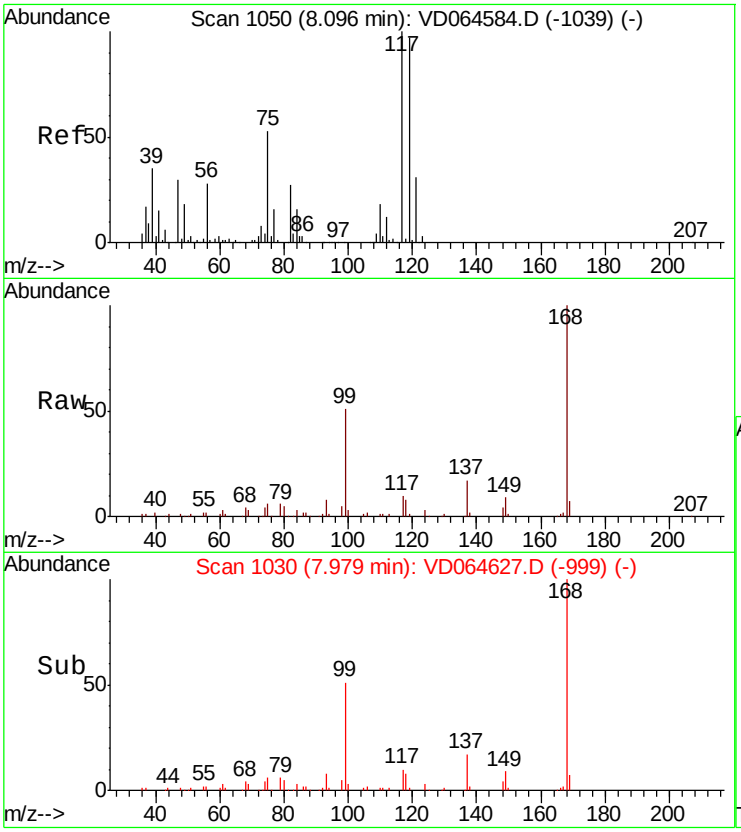


#36
1,1-Dichloropropene
Concen: 4.721 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Tgt Ion: 75 Resp: 19060

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.1#
77	0.0	24.2	36.4#



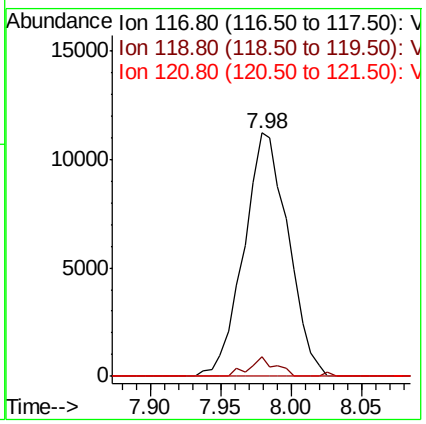


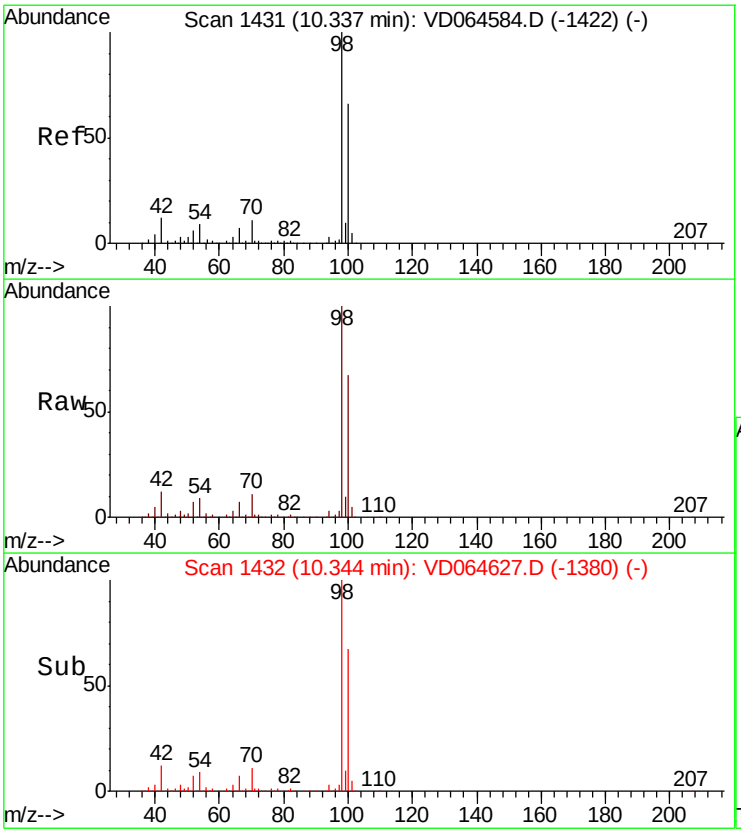
#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Instrument : MSVOA_D
ClientSampleId : LIED-BF004-01

Tgt Ion:117 Resp: 24630

Ion	Ratio	Lower	Upper
117	100		
119	8.0	77.3	115.9#
121	0.0	25.0	37.6#

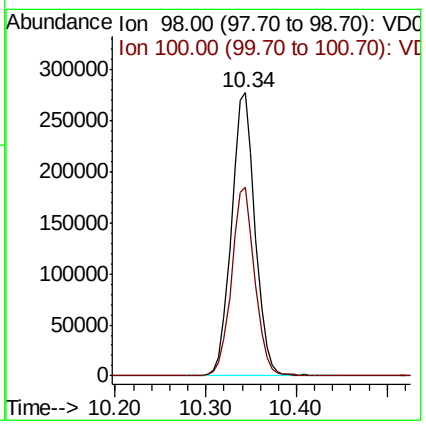


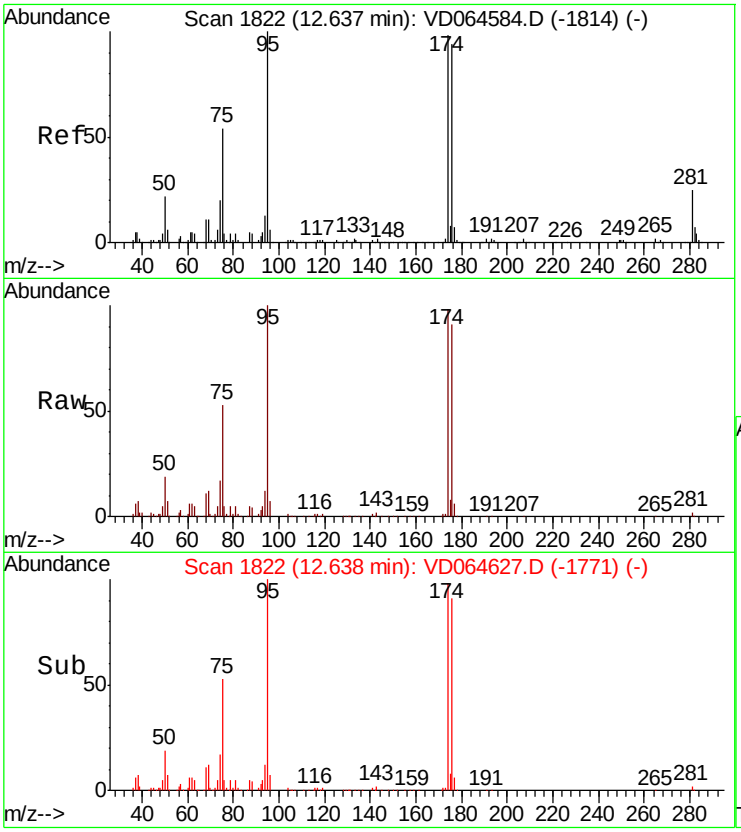


#50
Toluene-d8
Concen: 51.180 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Tgt Ion: 98 Resp: 504443

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5



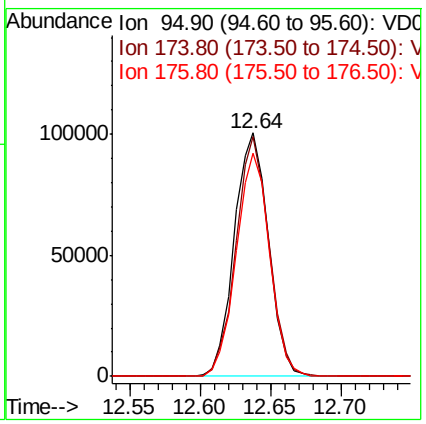


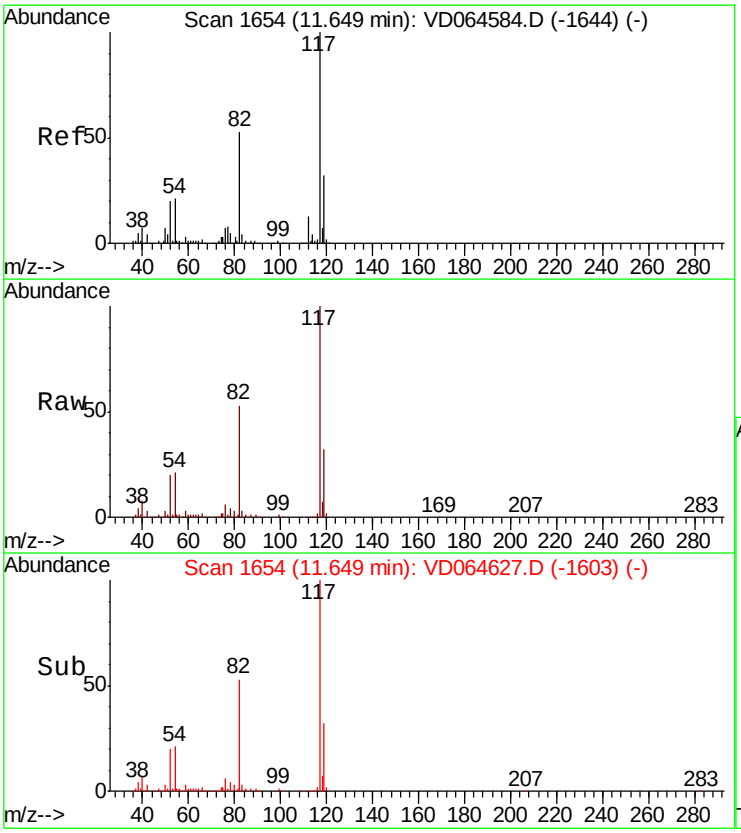
#62
4-Bromofluorobenzene
Concen: 54.392 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF004-01

Tgt Ion: 95 Resp: 169521

Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	193.2
176	89.7	0.0	184.2

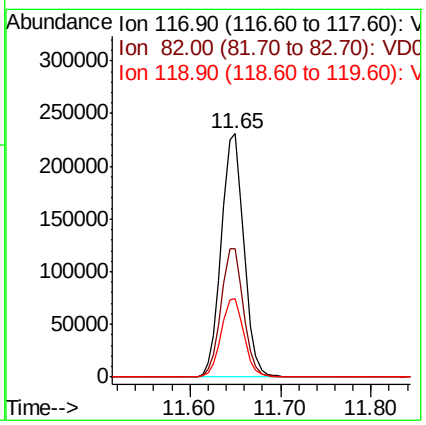


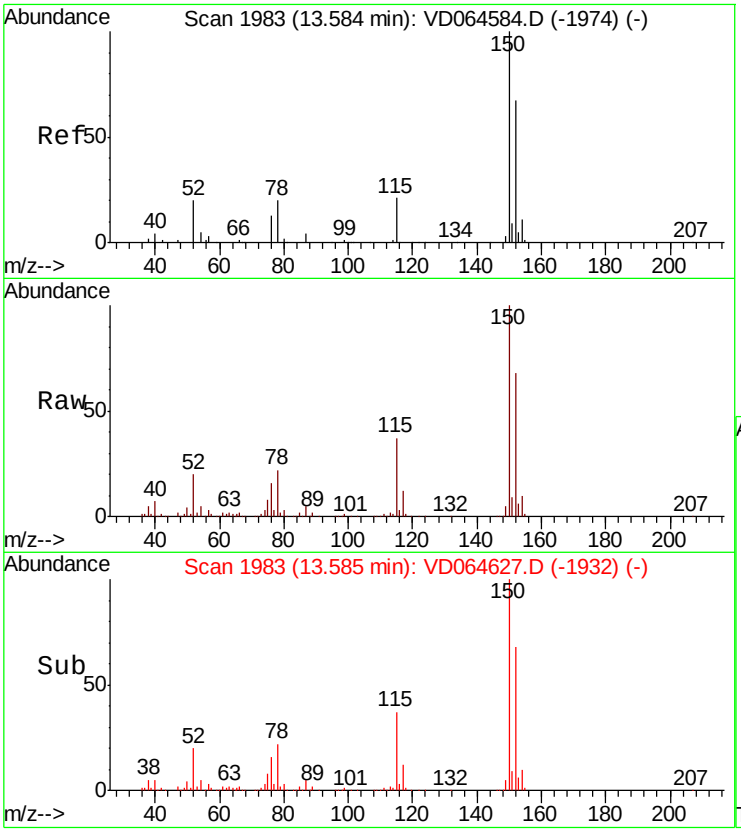


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Tgt Ion:117 Resp: 399648

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.2	63.4
119	32.2	26.0	39.0



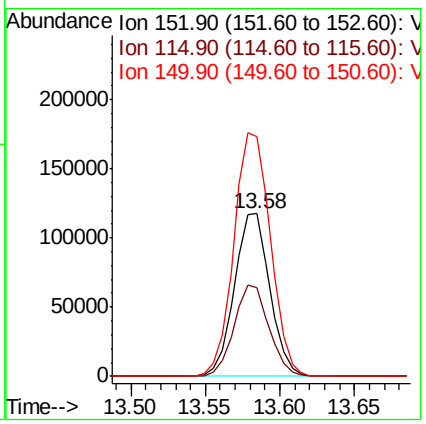


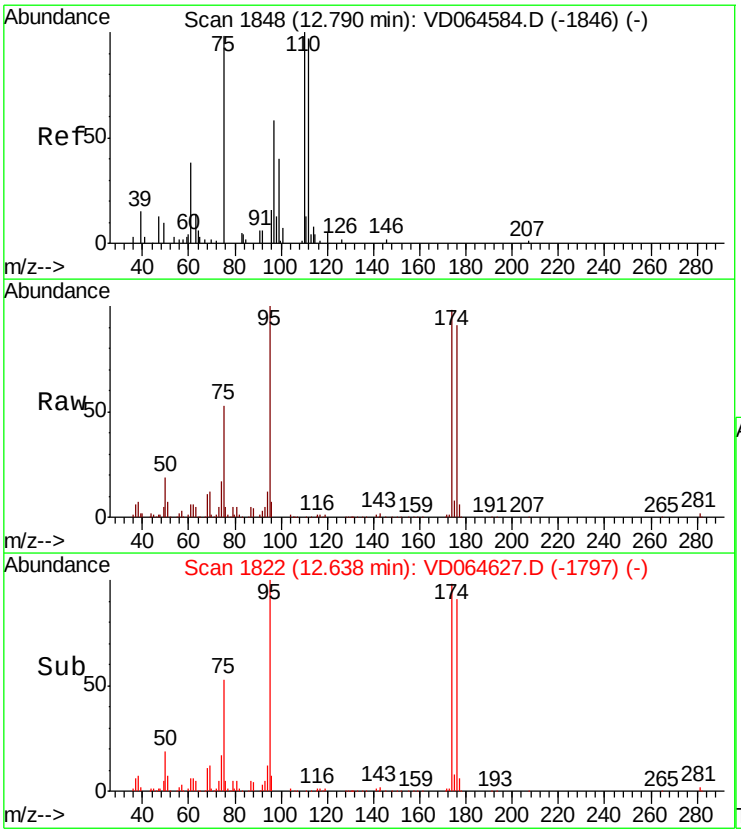
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Instrument : MSVOA_D
ClientSampleId : LIED-BF004-01

Tgt Ion:152 Resp: 193168

Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.8	83.4
150	155.1	0.0	351.4

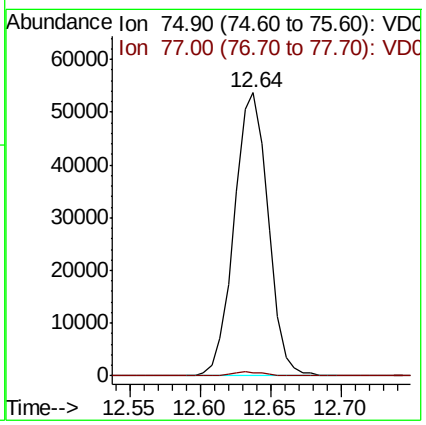


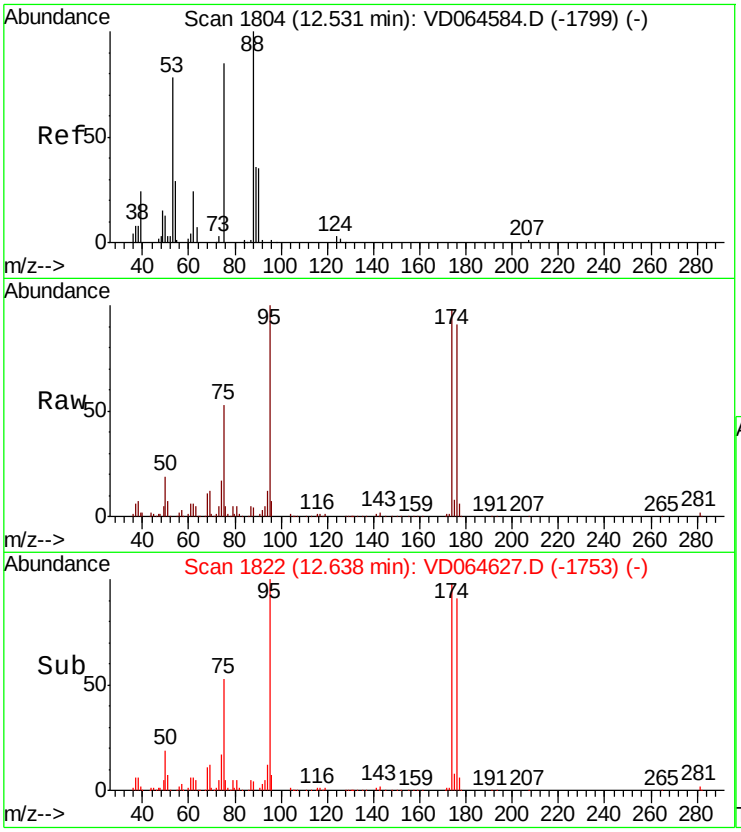


#76
1,2,3-Trichloropropane
Concen: 59.113 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Tgt Ion: 75 Resp: 90170

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.634 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF004-01

Tgt Ion: 75 Resp: 90170

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