Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123019\
Data File : VD064677.D
Acq On : 30 Dec 2019 14:40
Operator : VA/SY
Sample : K6439-13
Misc : 5.33G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : LIED-BF010-01

Quant Time: Dec 31 07:09:22 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	39815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	60872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	61568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	29978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	28409	80.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 161.84%			
35) Dibromofluoromethane	7.91	113	22466	60.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.32%			
50) Toluene-d8	10.34	98	72871	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.90%			
62) 4-Bromofluorobenzene	12.64	95	23829	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.38%			
Target Compounds						Qvalue
3) Chloromethane	2.20	50	462	1.068	ug/l #	42
5) Bromomethane	2.78	94	513	1.337	ug/l	94
11) Tert butyl alcohol	5.20	59	206	10.238	ug/l #	70
13) Acrolein	3.98	56	58	2.068	ug/l #	14
16) Acetone	4.16	43	5074	66.089	ug/l	91
20) Methylene Chloride	4.96	84	335	Below Cal	#	42
25) 2-Butanone	7.21	43	1080	11.191	ug/l #	49
29) Tetrahydrofuran	7.57	42	402	6.698	ug/l #	33
31) Cyclohexane	7.98	56	1304	1.992	ug/l #	47
36) 1,1-Dichloropropene	7.97	75	3245	5.539	ug/l #	45
38) Carbon Tetrachloride	7.98	117	4079	6.529	ug/l #	23
51) 4-Methyl-2-Pentanone	10.24	43	406	1.793	ug/l #	37
59) 2-Hexanone	11.01	43	211	1.373	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	13405	56.627	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	13405	118.433	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.50	75	58	1.063	ug/l #	1
95) Naphthalene	15.41	128	1165	1.169	ug/l #	76

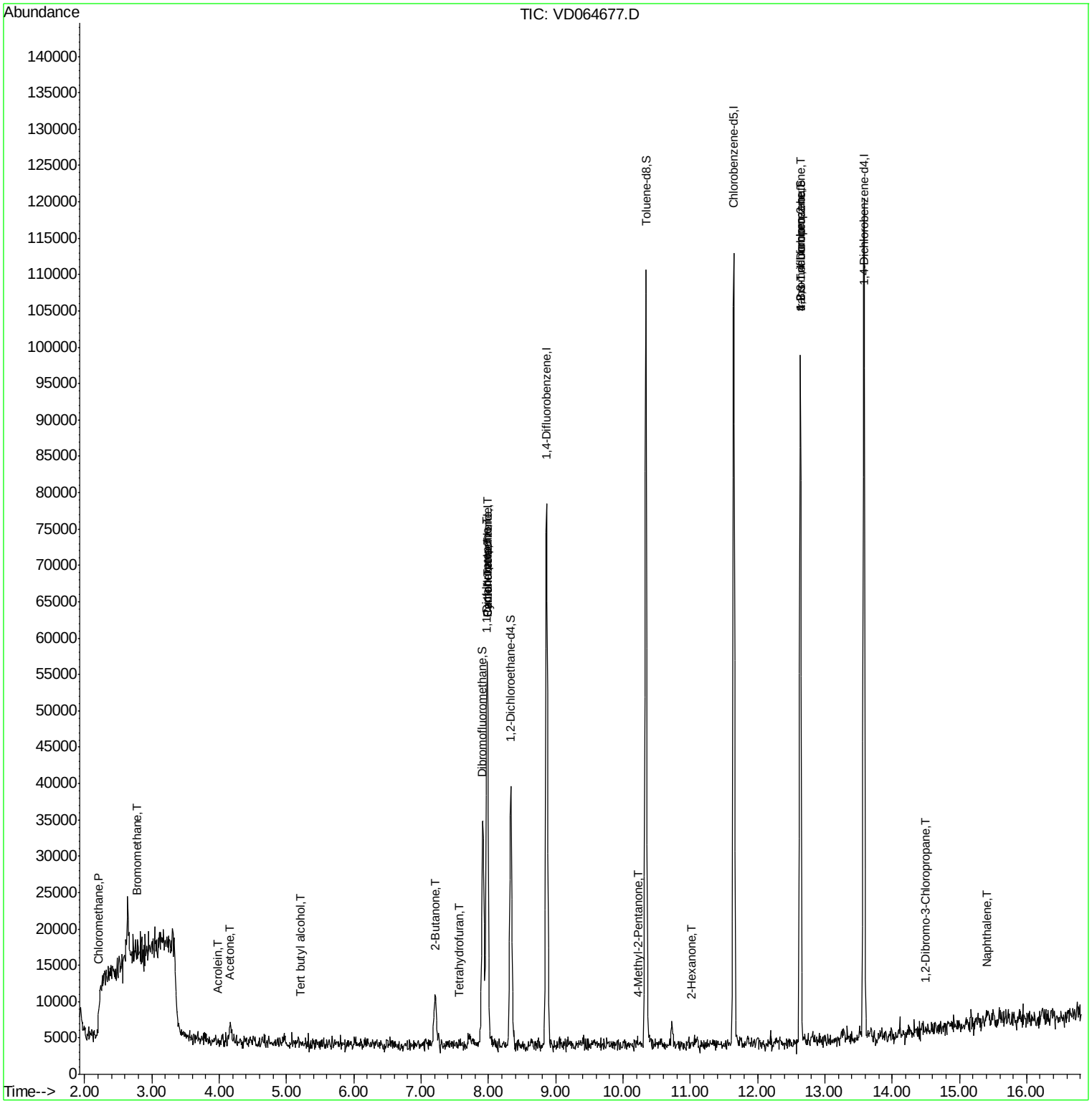
(#) = qualifier out of range (m) = manual integration (+) = signals summed

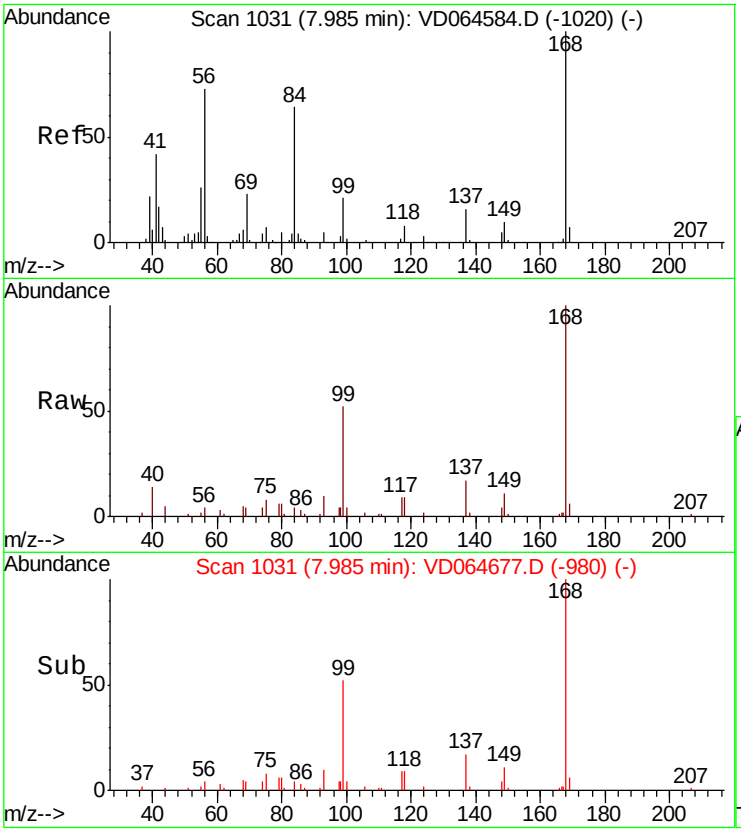
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123019\
Data File : VD064677.D
Acq On : 30 Dec 2019 14:40
Operator : VA/SY
Sample : K6439-13
Misc : 5.33G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF010-01

Quant Time: Dec 31 07:09:22 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



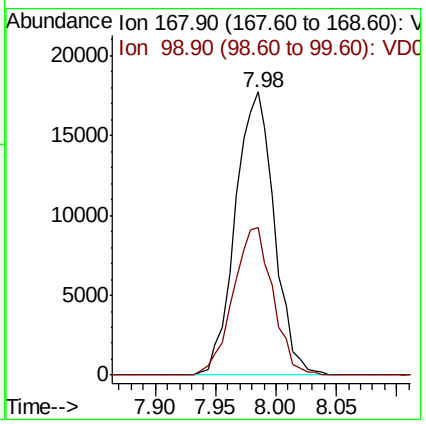


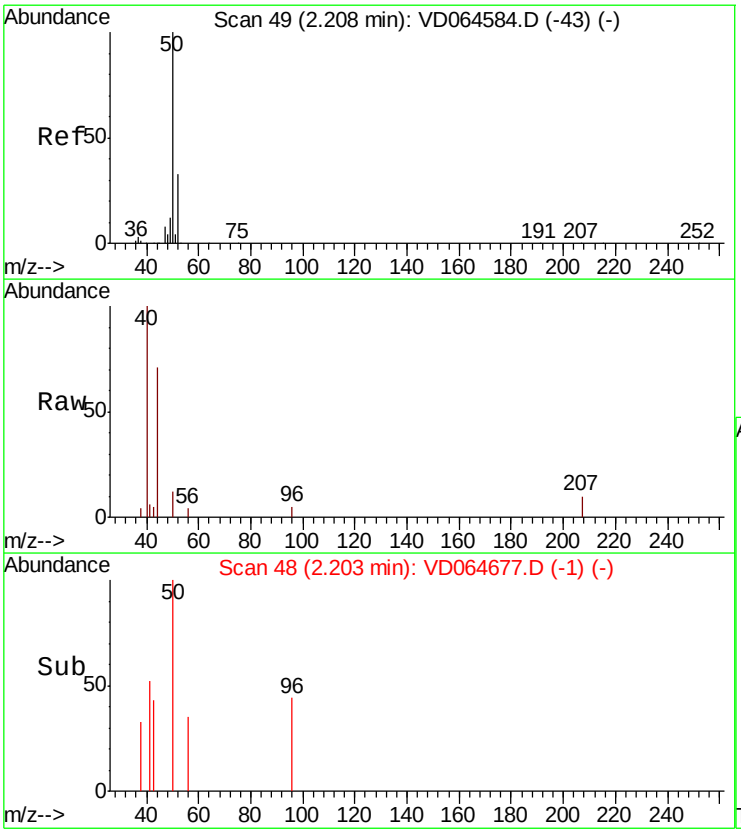
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF010-01

Tgt Ion:168 Resp: 39815

Ion	Ratio	Lower	Upper
168	100		
99	52.0	41.8	62.6

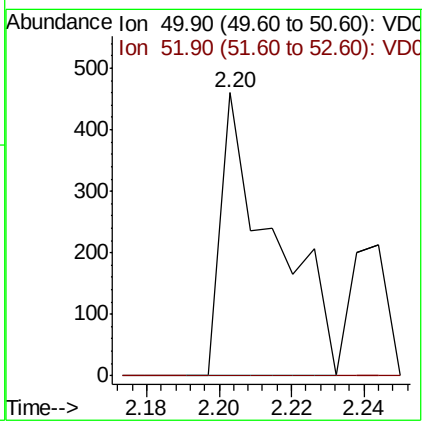


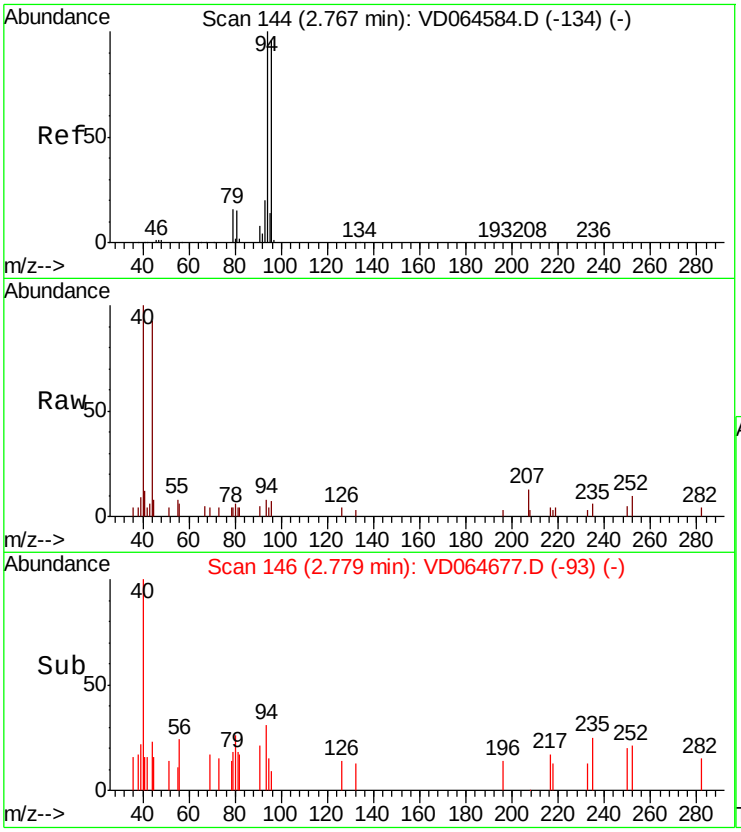


#3
Chloromethane
Concen: 1.068 ug/l
RT: 2.20 min Scan# 48
Delta R.T. -0.01 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 50 Resp: 462

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.5	39.7#



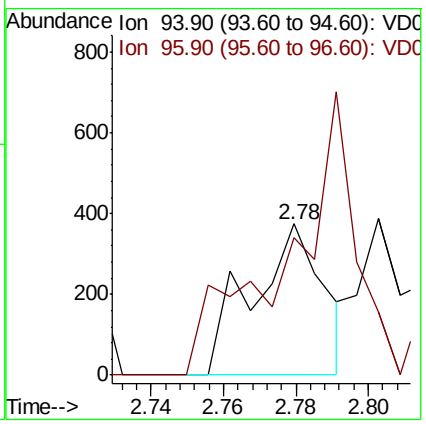


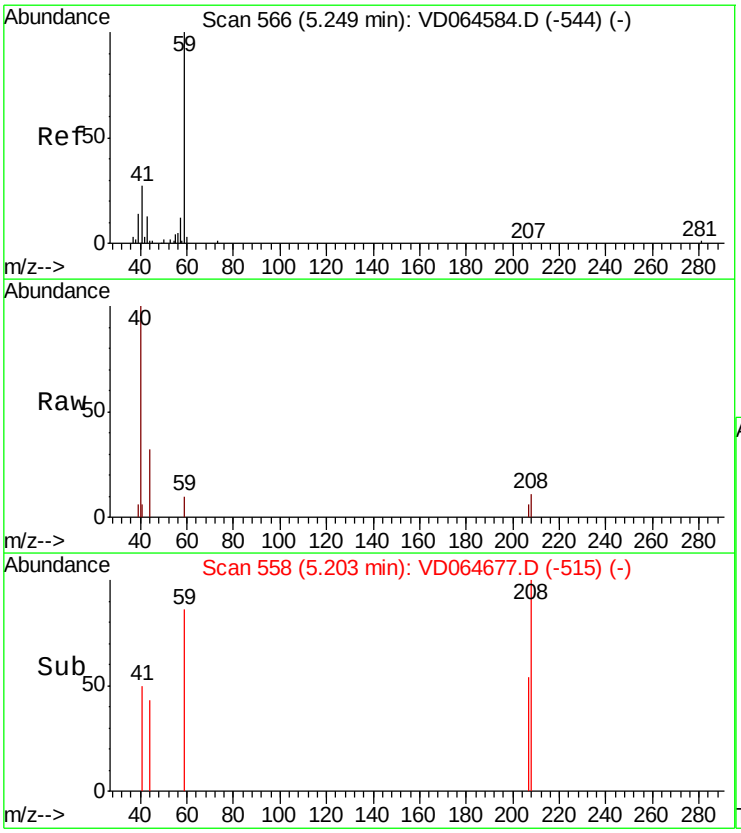
#5
Bromomethane
Concen: 1.337 ug/l
RT: 2.78 min Scan# 146
Delta R.T. 0.01 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF010-01

Tgt Ion: 94 Resp: 513

Ion	Ratio	Lower	Upper
94	100		
96	90.4	77.2	115.8

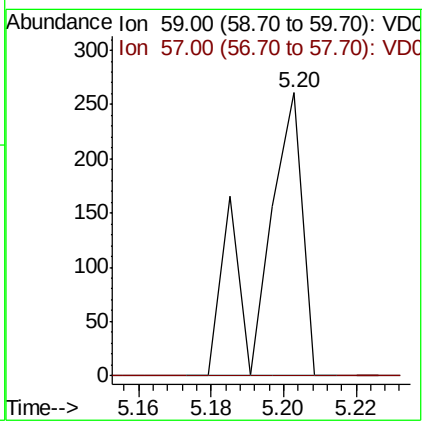


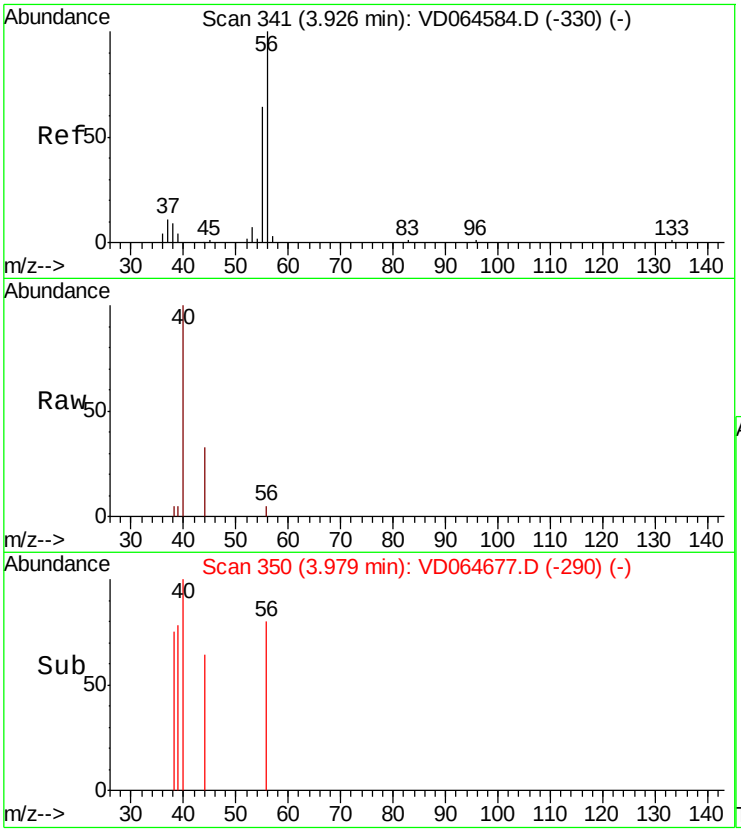


#11
Tert butyl alcohol
Concen: 10.238 ug/l
RT: 5.20 min Scan# 558
Delta R.T. -0.05 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 59 Resp: 206

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



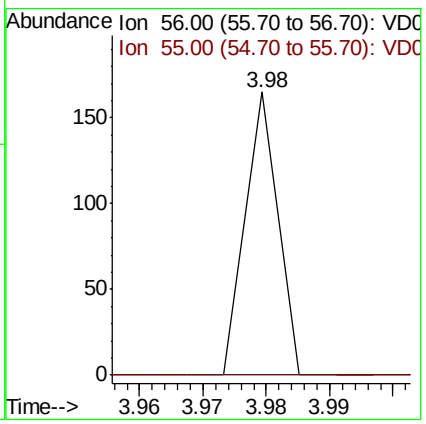


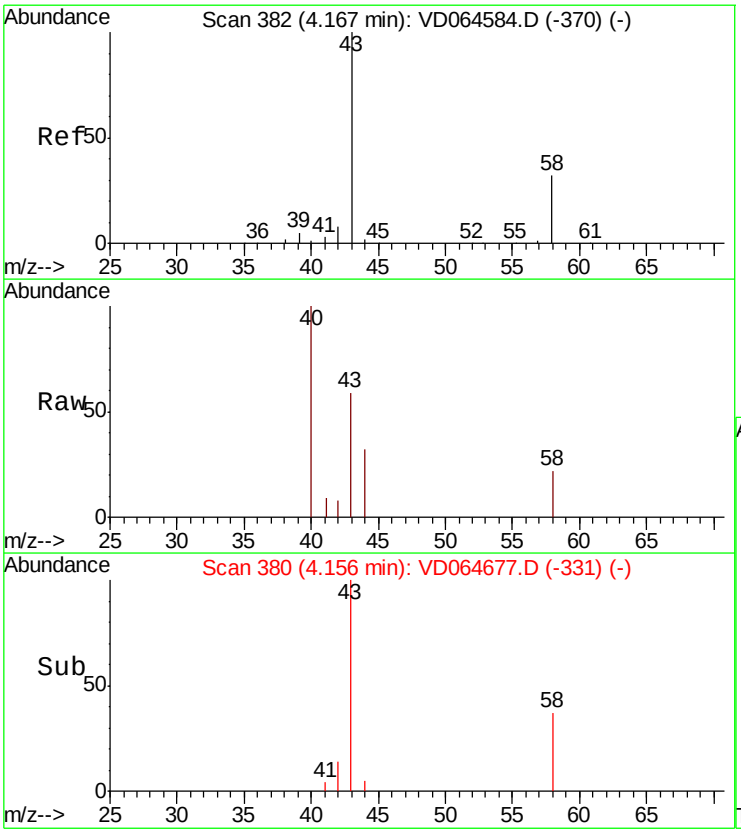
#13
Acrolein
Concen: 2.068 ug/l
RT: 3.98 min Scan# 350
Delta R.T. 0.05 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument : MSVOA_D
ClientSampleId : LIED-BF010-01

Tgt Ion: 56 Resp: 58

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#

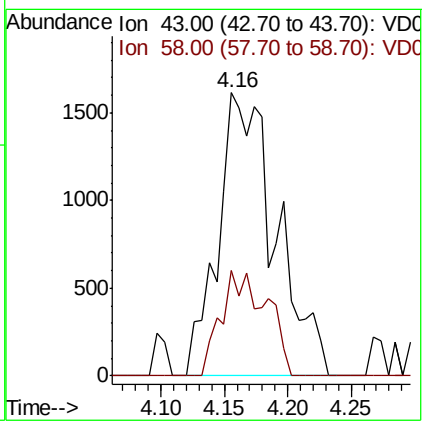


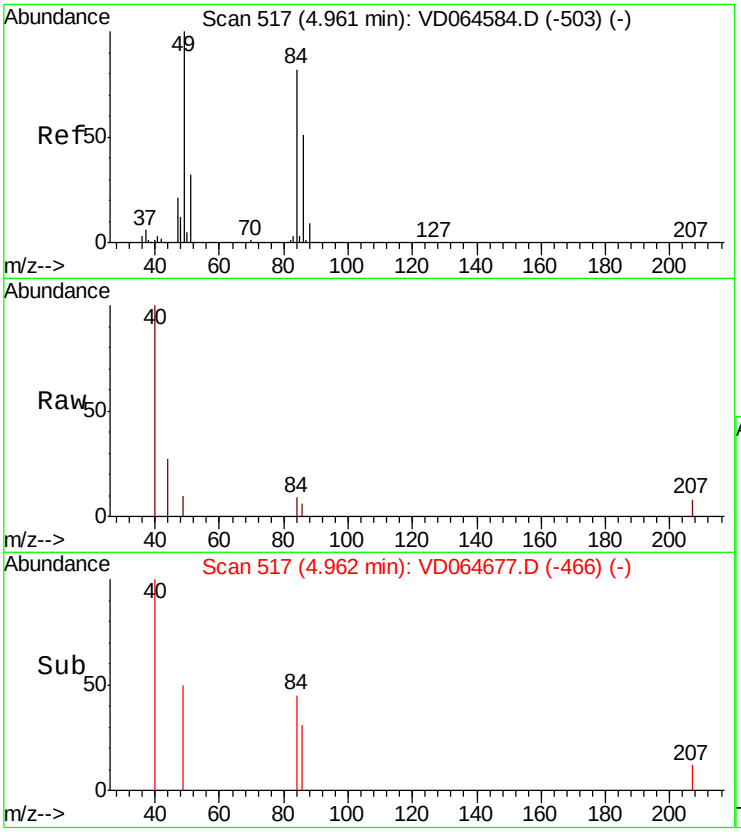


#16
Acetone
Concen: 66.089 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.01 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 43 Resp: 5074

Ion	Ratio	Lower	Upper
43	100		
58	37.3	25.8	38.6



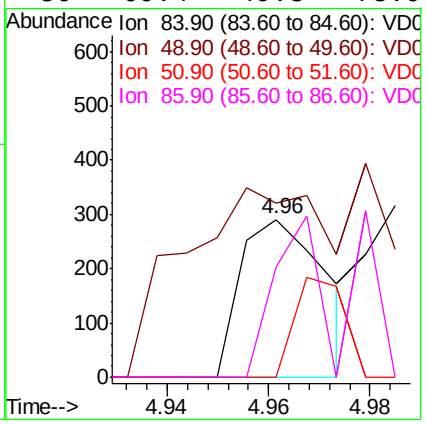


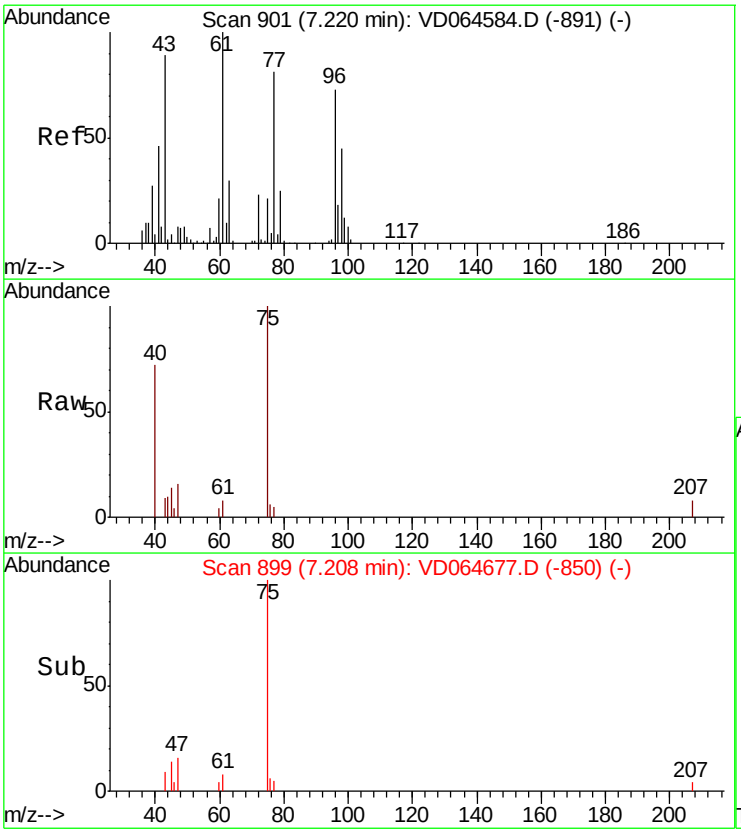
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument : MSVOA_D
ClientSampleId : LIED-BF010-01

Tgt Ion: 84 Resp: 335

Ion	Ratio	Lower	Upper
84	100		
49	32.0	97.2	145.8#
51	0.0	31.4	47.0#
86	69.4	49.3	73.9

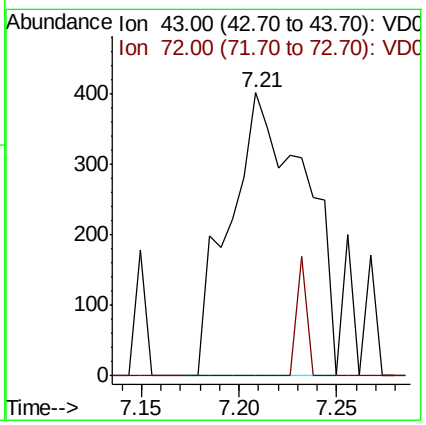


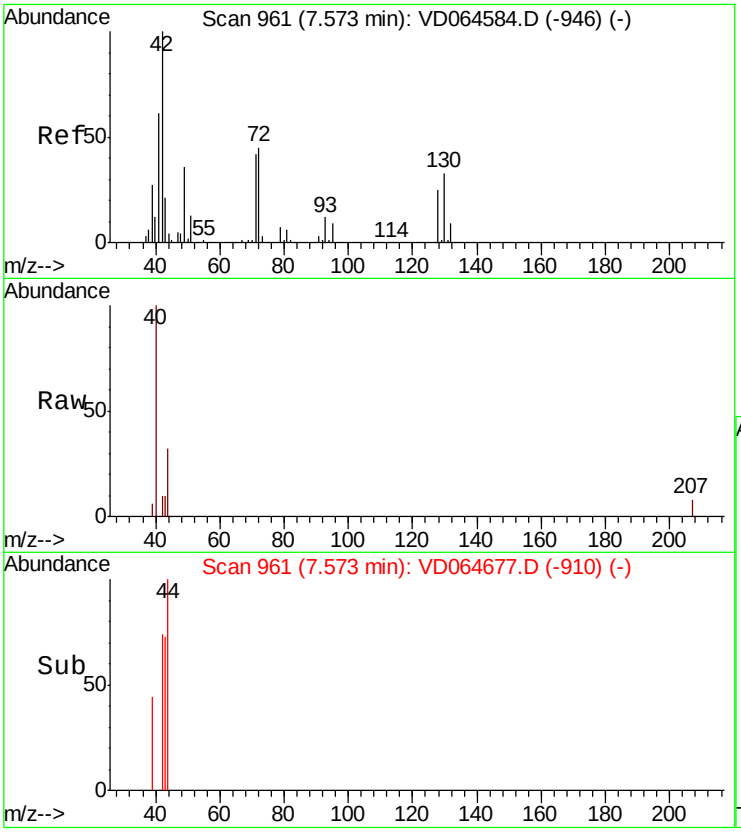


#25
2-Butanone
Concen: 11.191 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 43 Resp: 1080

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#



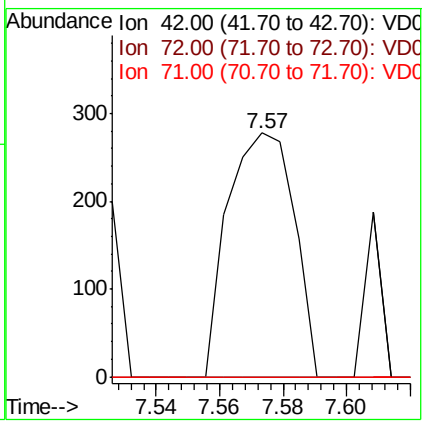


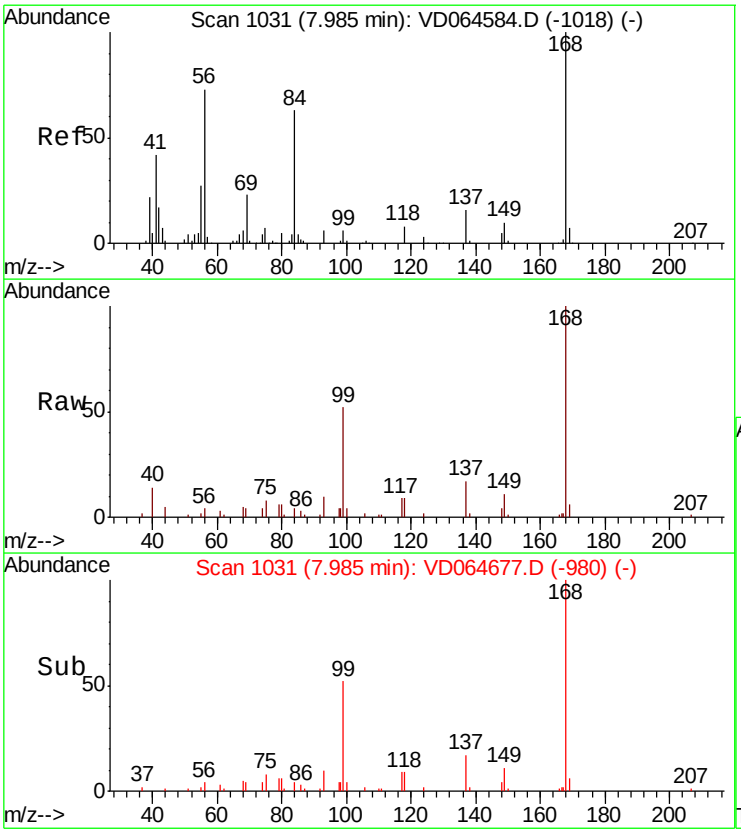
#29
Tetrahydrofuran
Concen: 6.698 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF010-01

Tgt Ion: 42 Resp: 402

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

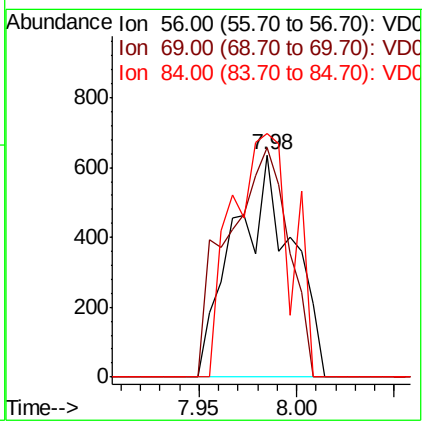


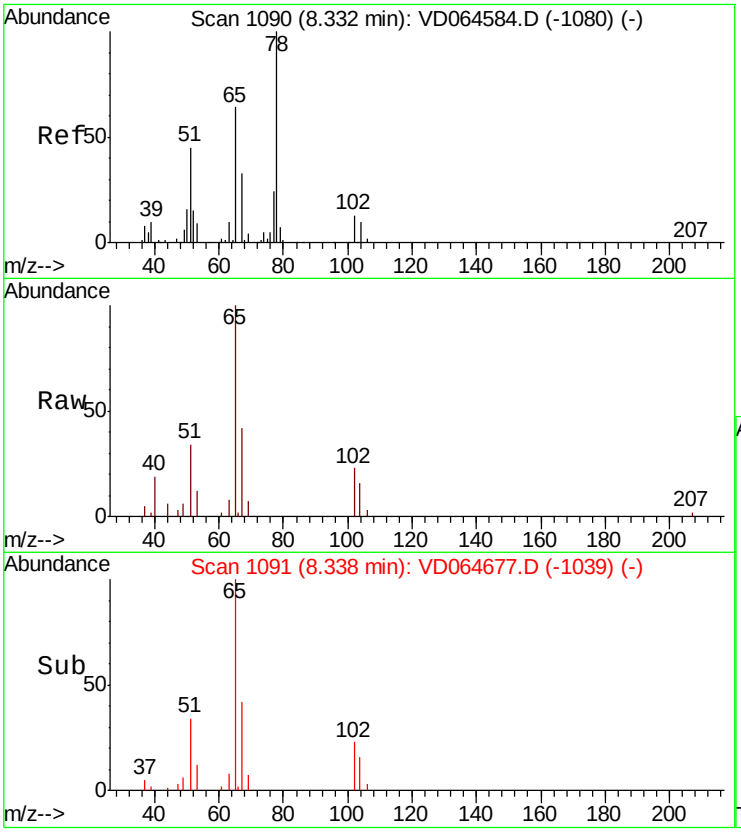


#31
Cyclohexane
Concen: 1.992 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 56 Resp: 1304

Ion	Ratio	Lower	Upper
56	100		
69	103.5	24.7	37.1#
84	109.4	69.4	104.2#



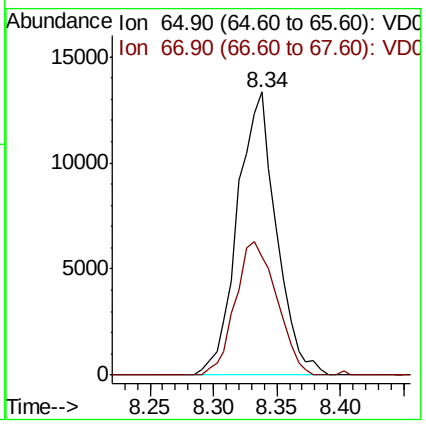


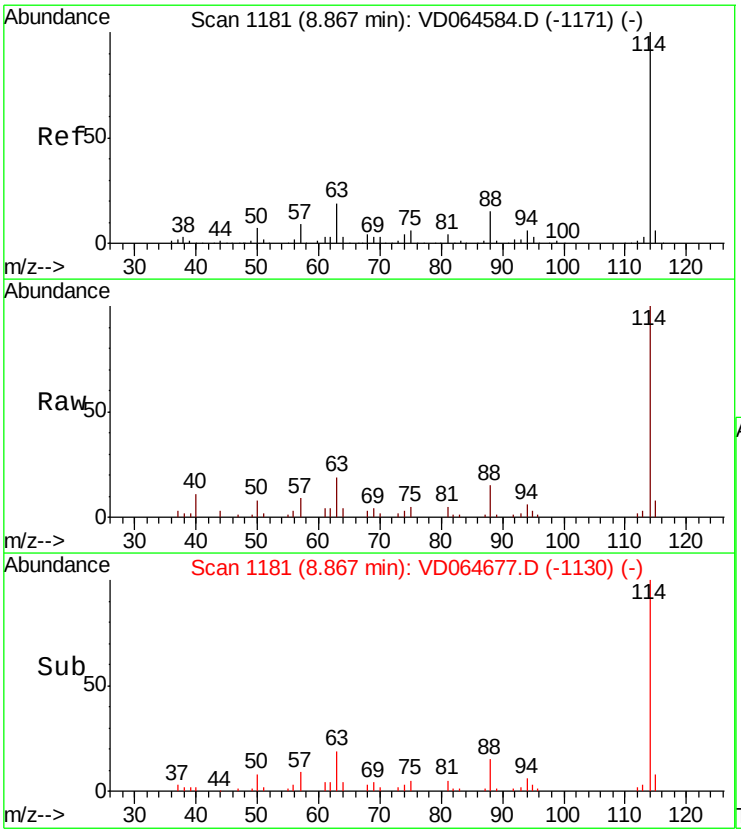
#33
1,2-Dichloroethane-d4
Concen: 80.918 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument : MSVOA_D
ClientSampleId : LIED-BF010-01

Tgt Ion: 65 Resp: 28409

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	106.2

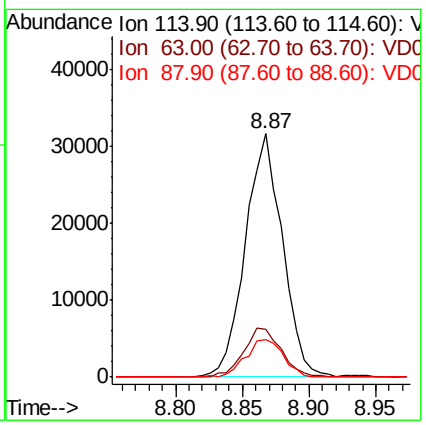


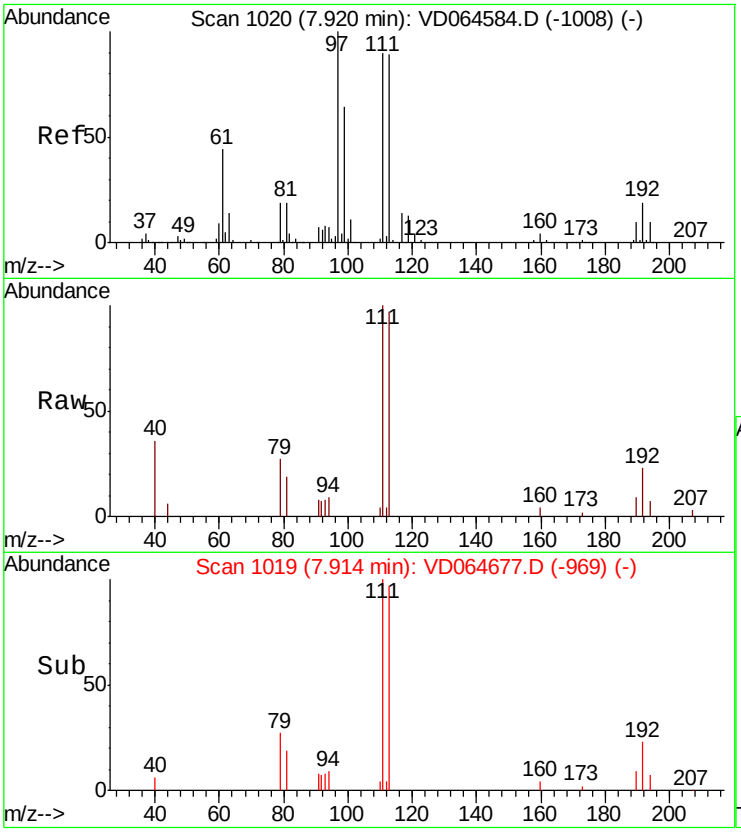


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion:114 Resp: 60872

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.0
88	15.4	0.0	29.2



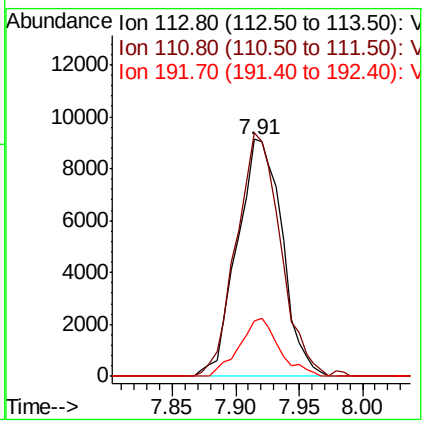


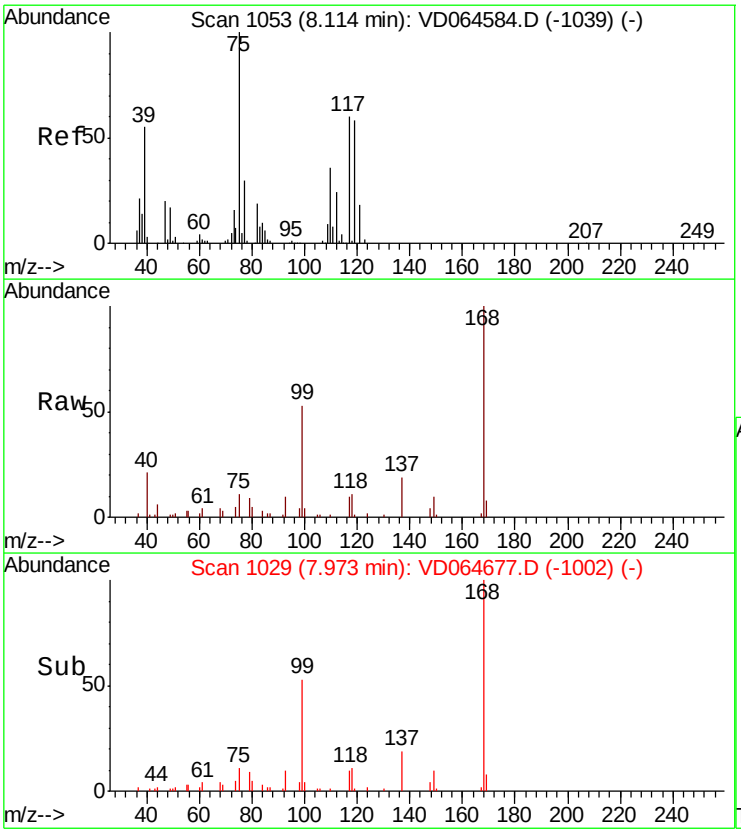
#35
Dibromofluoromethane
Concen: 60.156 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument : MSVOA_D
ClientSampleId : LIED-BF010-01

Tgt Ion:113 Resp: 22466

Ion	Ratio	Lower	Upper
113	100		
111	100.4	80.6	121.0
192	22.0	17.9	26.9

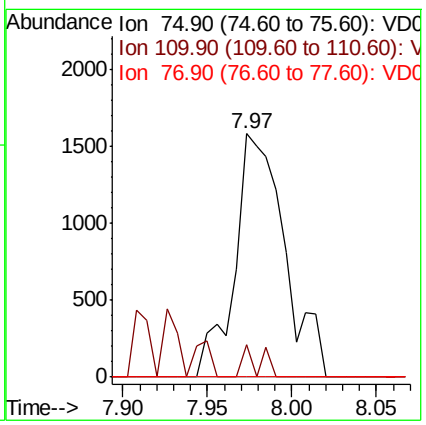


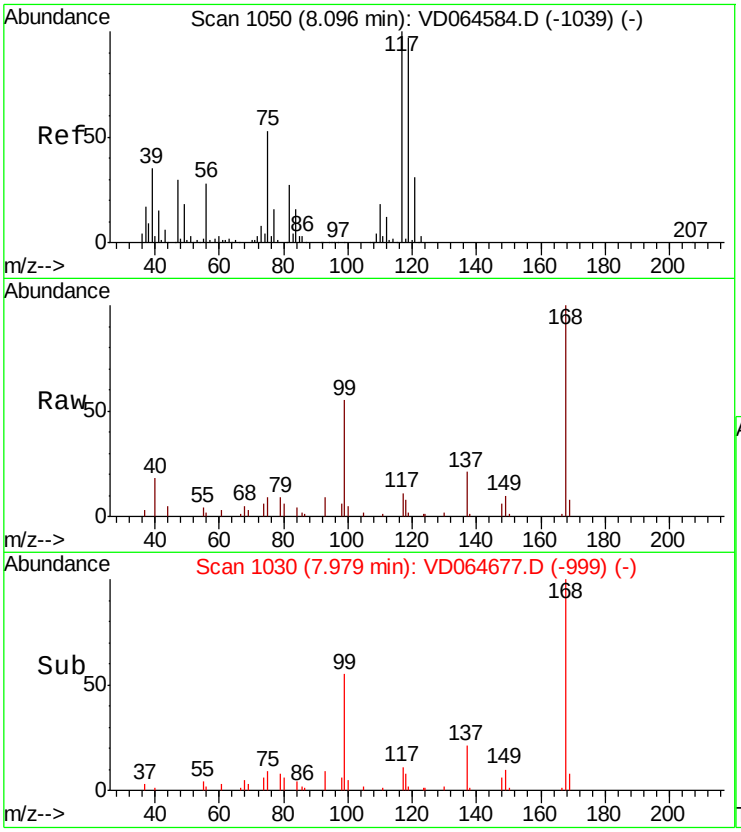


#36
1,1-Dichloropropene
Concen: 5.539 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.14 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 75 Resp: 3245

Ion	Ratio	Lower	Upper
75	100		
110	4.4	18.1	54.1#
77	0.0	24.2	36.4#



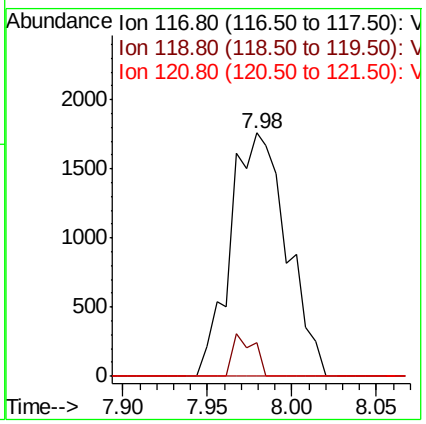


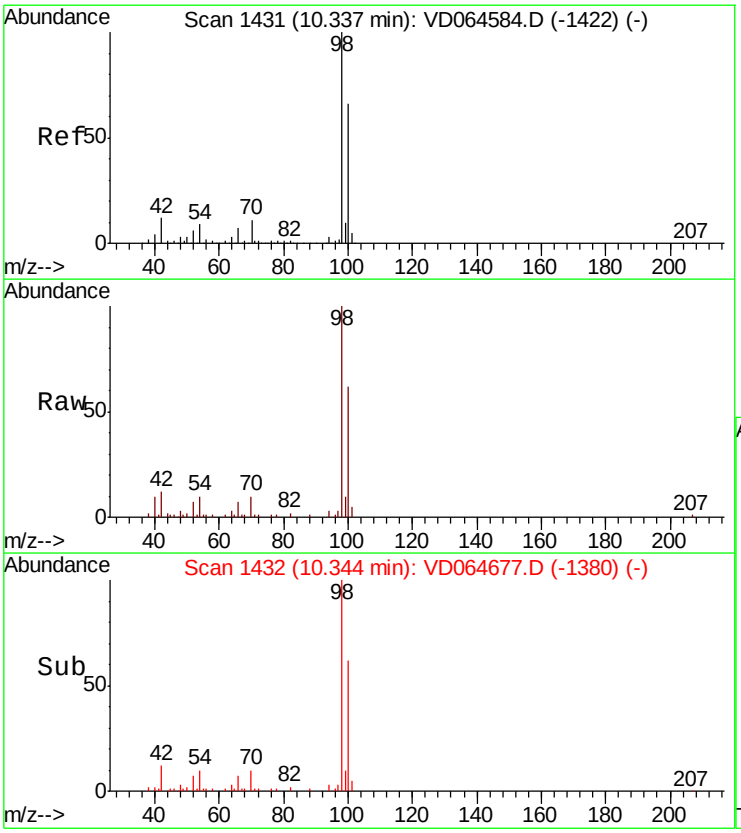
#38
Carbon Tetrachloride
Concen: 6.529 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument : MSVOA_D
ClientSampleId : LIED-BF010-01

Tgt Ion:117 Resp: 4079

Ion	Ratio	Lower	Upper
117	100		
119	14.1	77.3	115.9#
121	0.0	25.0	37.6#

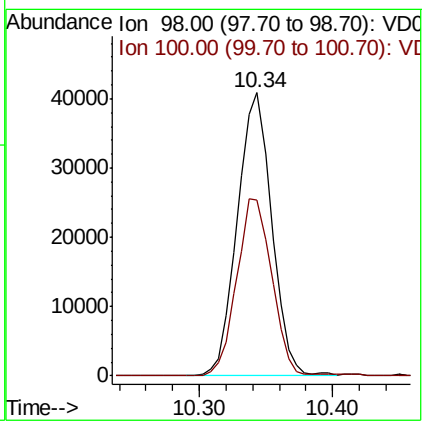


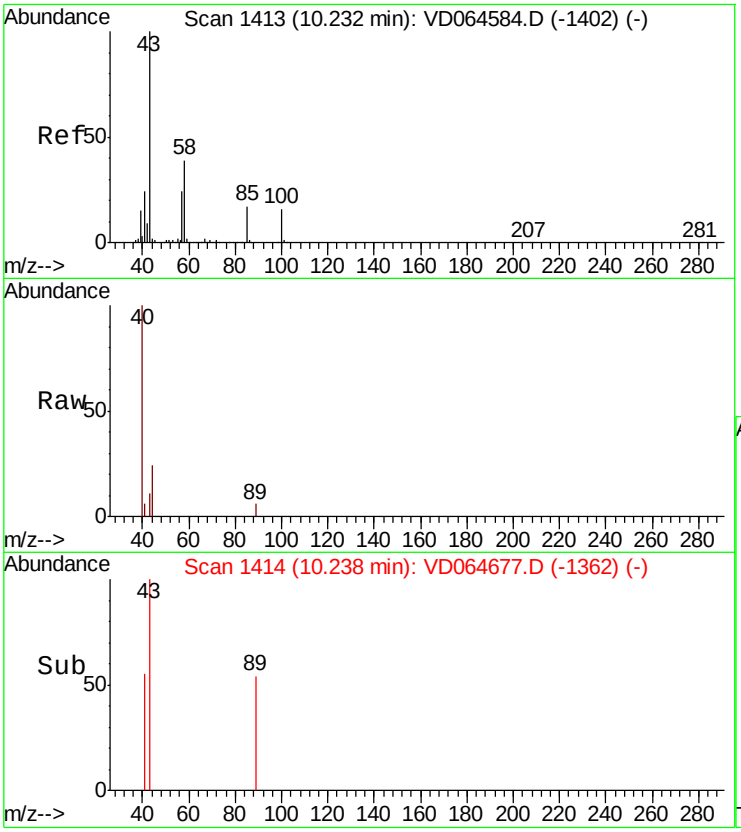


#50
Toluene-d8
Concen: 50.948 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 98 Resp: 72871

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5



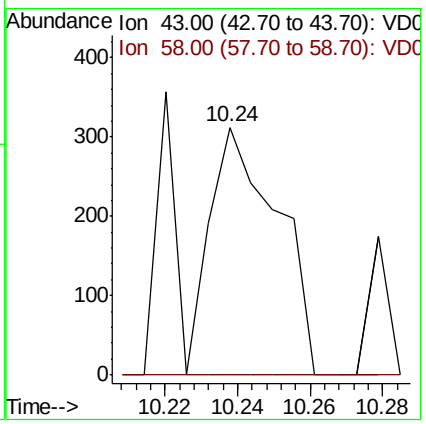


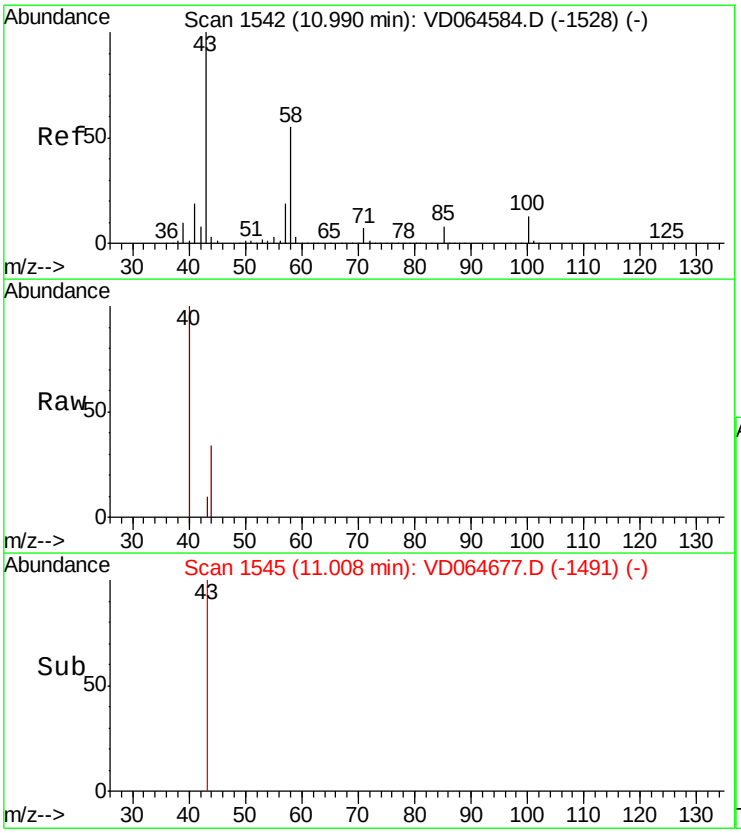
#51
4-Methyl-2-Pentanone
Concen: 1.793 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.01 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument : MSVOA_D
ClientSampleId : LIED-BF010-01

Tgt Ion: 43 Resp: 406

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.2	45.2#

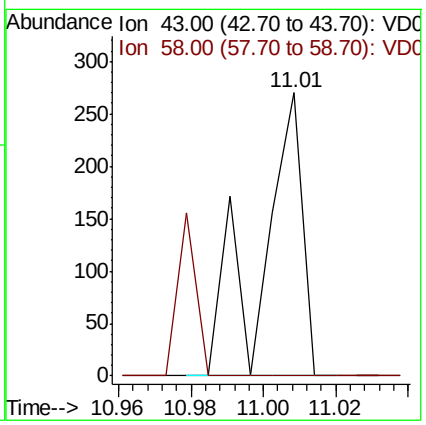


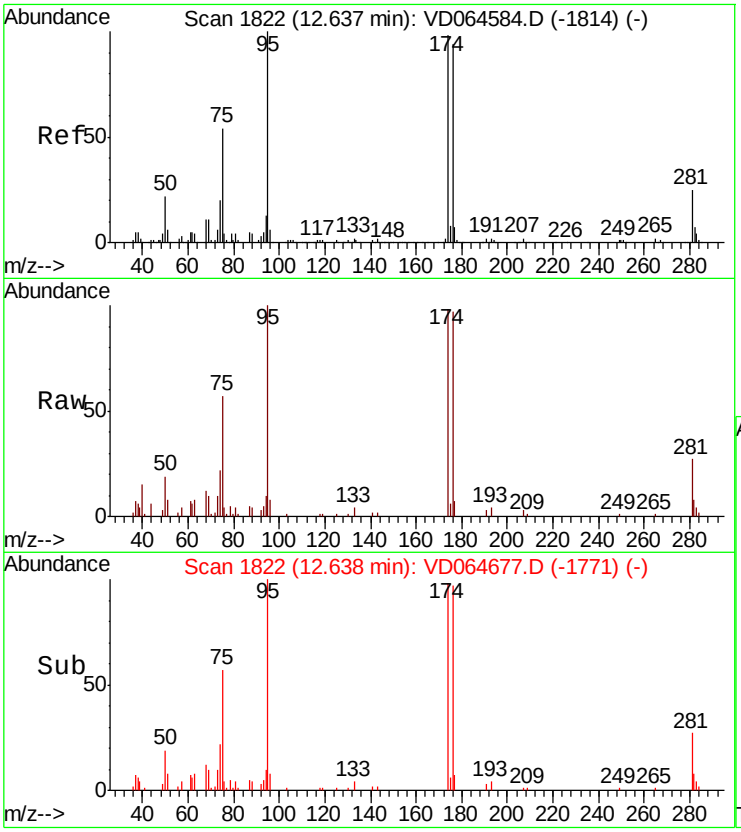


#59
2-Hexanone
Concen: 1.373 ug/l
RT: 11.01 min Scan# 1545
Delta R.T. 0.02 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 43 Resp: 211

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.4	79.0#



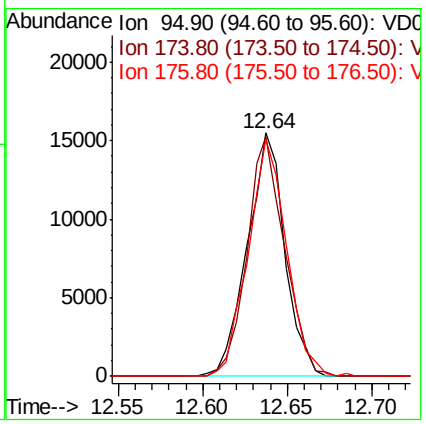


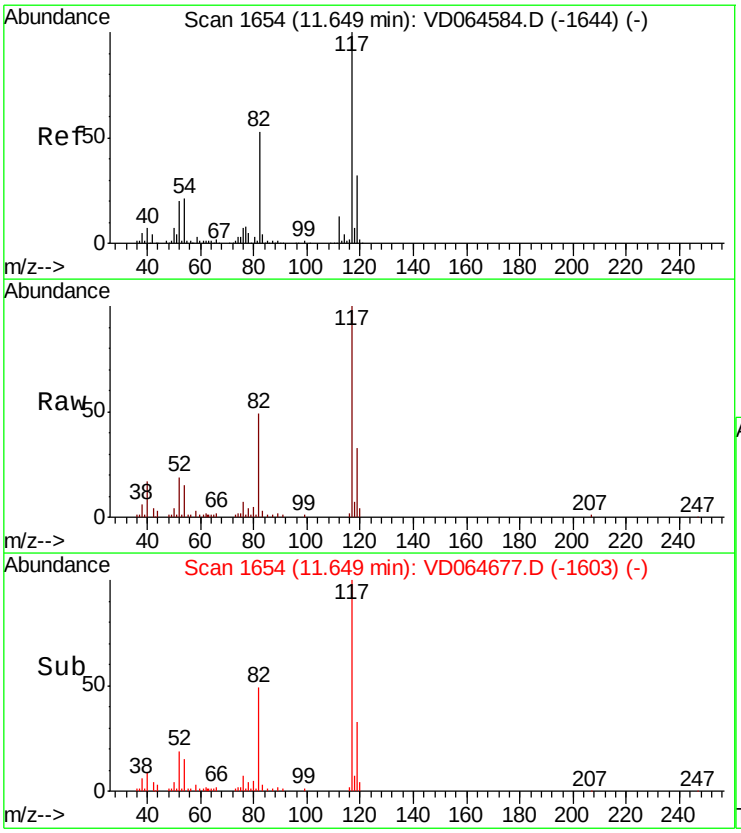
#62
4-Bromofluorobenzene
Concen: 52.686 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF010-01

Tgt Ion: 95 Resp: 23829

Ion	Ratio	Lower	Upper
95	100		
174	99.4	0.0	193.2
176	99.8	0.0	184.2

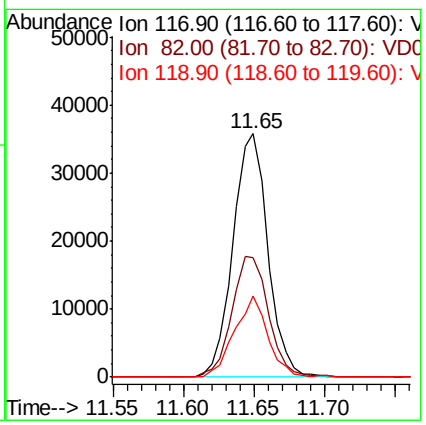


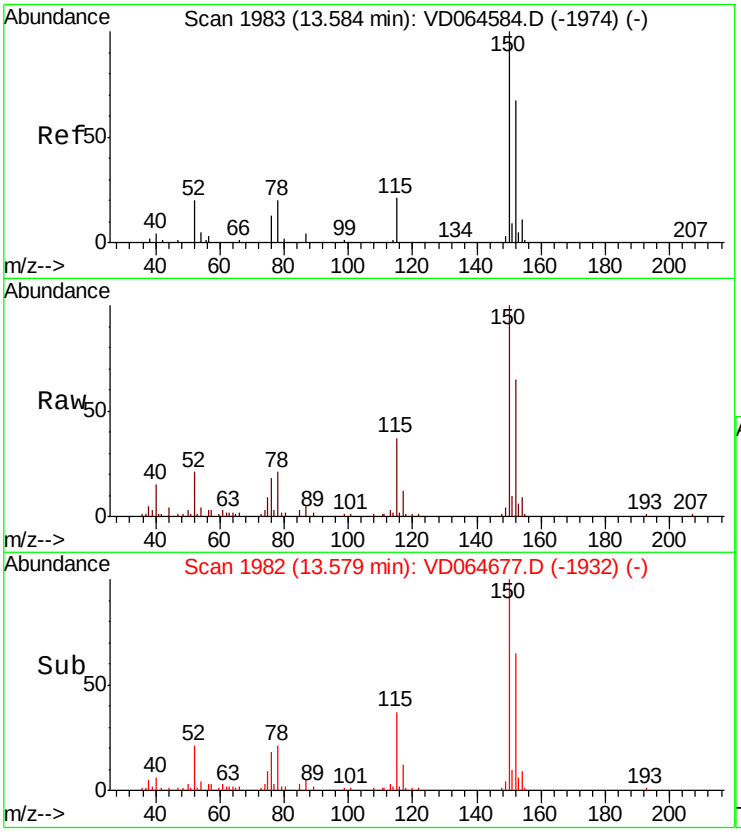


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion:117 Resp: 61568

Ion	Ratio	Lower	Upper
117	100		
82	49.0	42.2	63.4
119	33.3	26.0	39.0



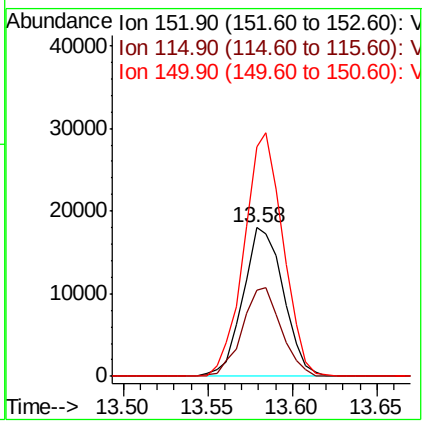


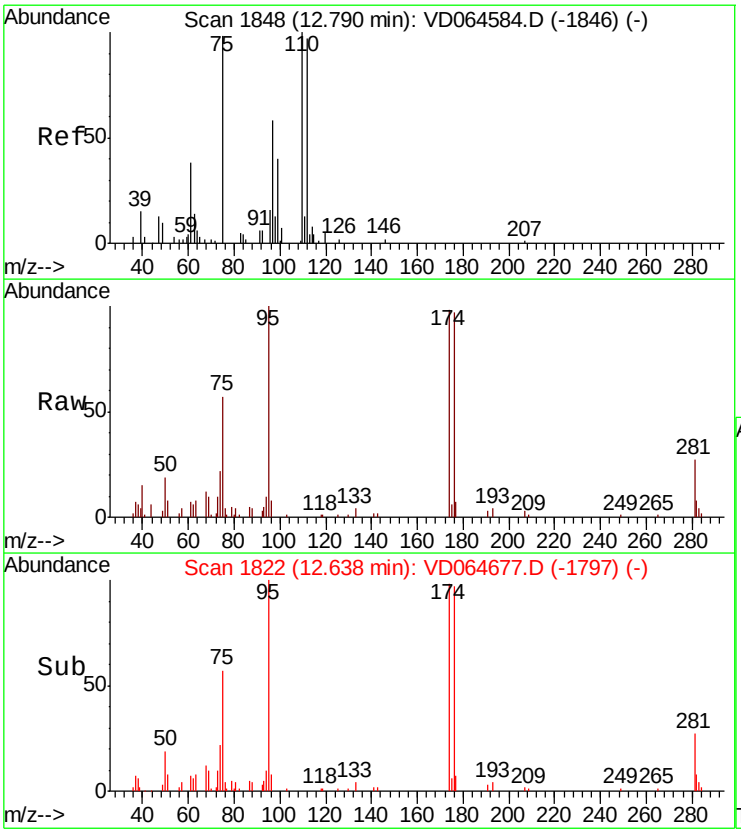
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument : MSVOA_D
ClientSampleId : LIED-BF010-01

Tgt Ion:152 Resp: 29978

Ion	Ratio	Lower	Upper
152	100		
115	57.4	27.8	83.4
150	157.9	0.0	351.4

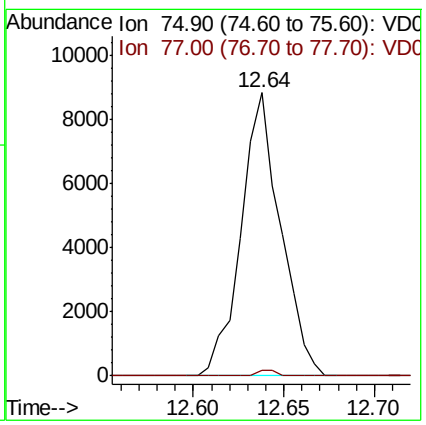


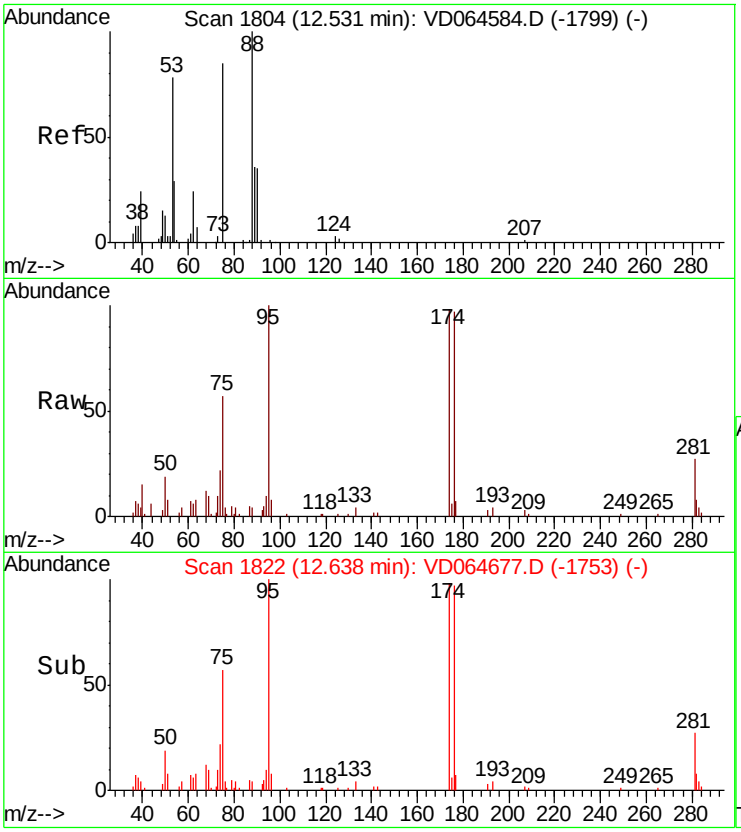


#76
1,2,3-Trichloropropane
Concen: 56.627 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 75 Resp: 13405

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



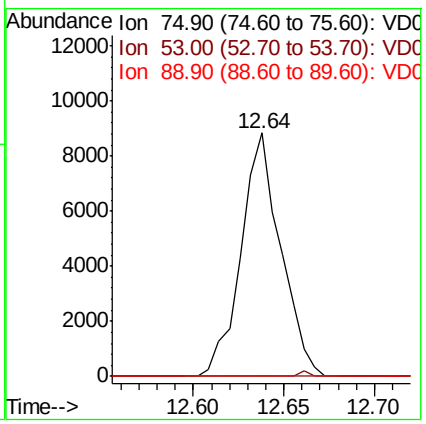


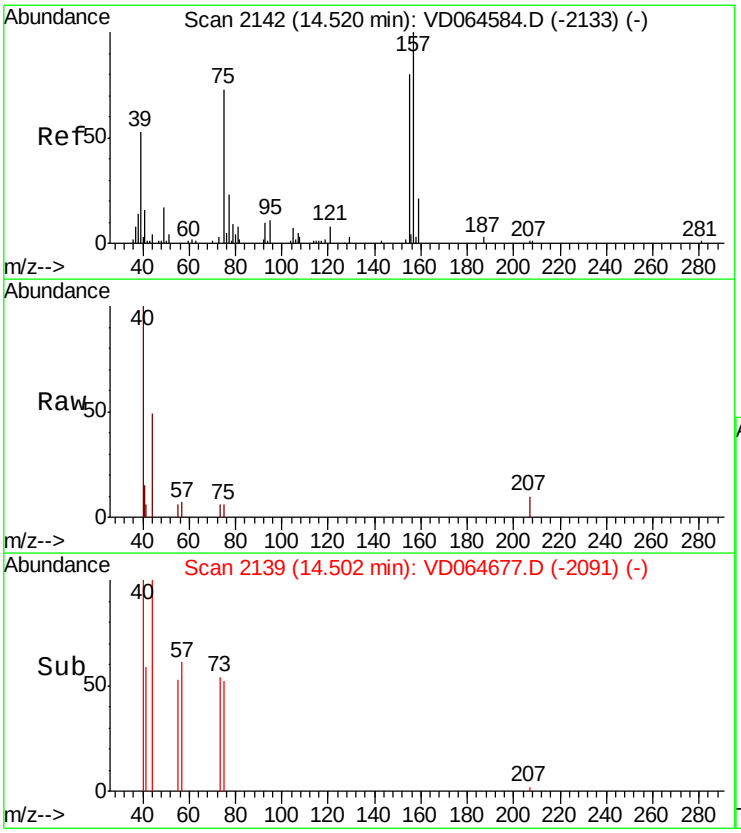
#81
trans-1,4-Dichloro-2-butene
Concen: 118.433 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF010-01

Tgt Ion: 75 Resp: 13405

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

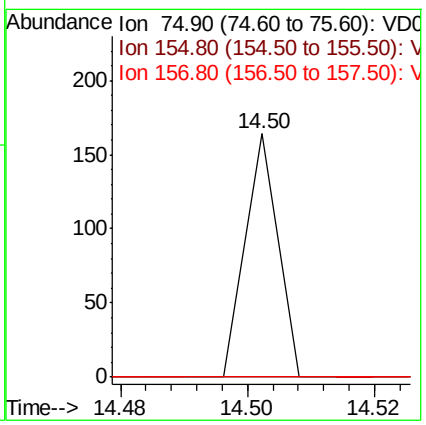


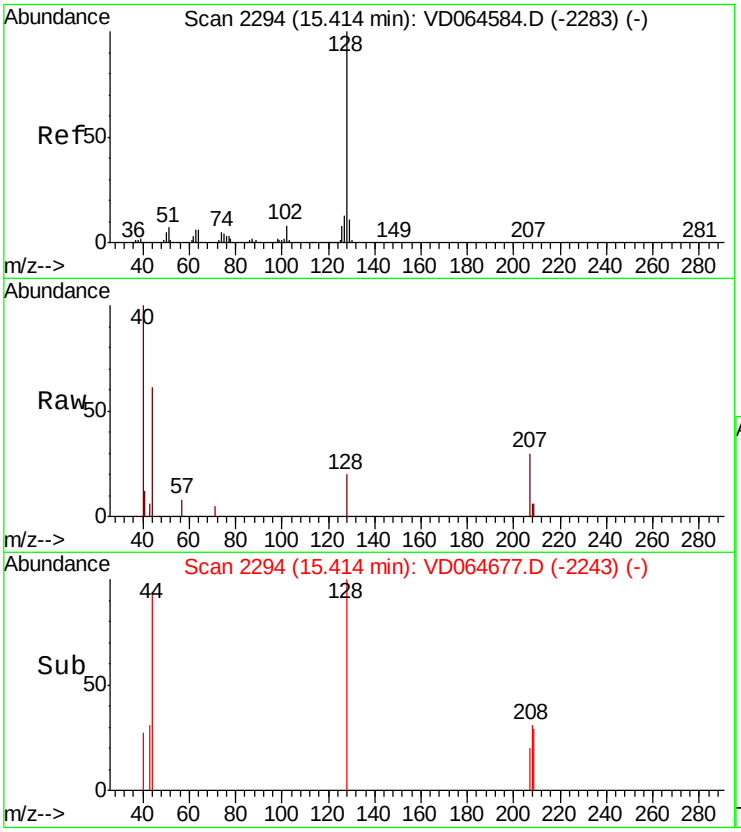


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.063 ug/l
RT: 14.50 min Scan# 2139
Delta R.T. -0.02 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Tgt Ion: 75 Resp: 58

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.0	144.0#
157	0.0	64.1	192.3#





#95
Naphthalene
Concen: 1.169 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064677.D
Acq: 30 Dec 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF010-01

Tgt Ion:128 Resp: 1165

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	5.2	8.5	12.7#