Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121918\
Data File : VD060641.D
Acq On : 19 Dec 2018 15:35
Operator : VA/AP
Sample : J6199-09
Misc : 5.77G/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Dec 20 00:31:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1595460	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.45	114	2225307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1747093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	861532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	489084	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.50%		
35) Dibromofluoromethane	6.32	113	672385	41.14	ug/l	0.00
Spiked Amount 50.000			Recovery =	82.28%		
50) Toluene-d8	9.45	98	1744425	36.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	73.76%		
62) 4-Bromofluorobenzene	12.42	95	650794	38.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	76.90%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.60	85	1017	Below Cal	#	41
8) Diethyl Ether	2.83	74	2833	1.086	ug/l	71
16) Acetone	3.16	43	66342	36.599	ug/l	94
20) Methylene Chloride	3.73	84	265131	12.582	ug/l	96
31) Cyclohexane	6.40	56	29287	Below Cal	#	1
36) 1,1-Dichloropropene	6.40	75	117850	5.418	ug/l #	47
38) Carbon Tetrachloride	6.40	117	121907	6.243	ug/l #	15
51) 4-Methyl-2-Pentanone	9.45	43	9954	1.374	ug/l #	1
52) Toluene	9.54	92	159383	4.587	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.42	75	273455	100.440	ug/l #	14
89) n-Butylbenzene	13.64	91	2680	Below Cal		88

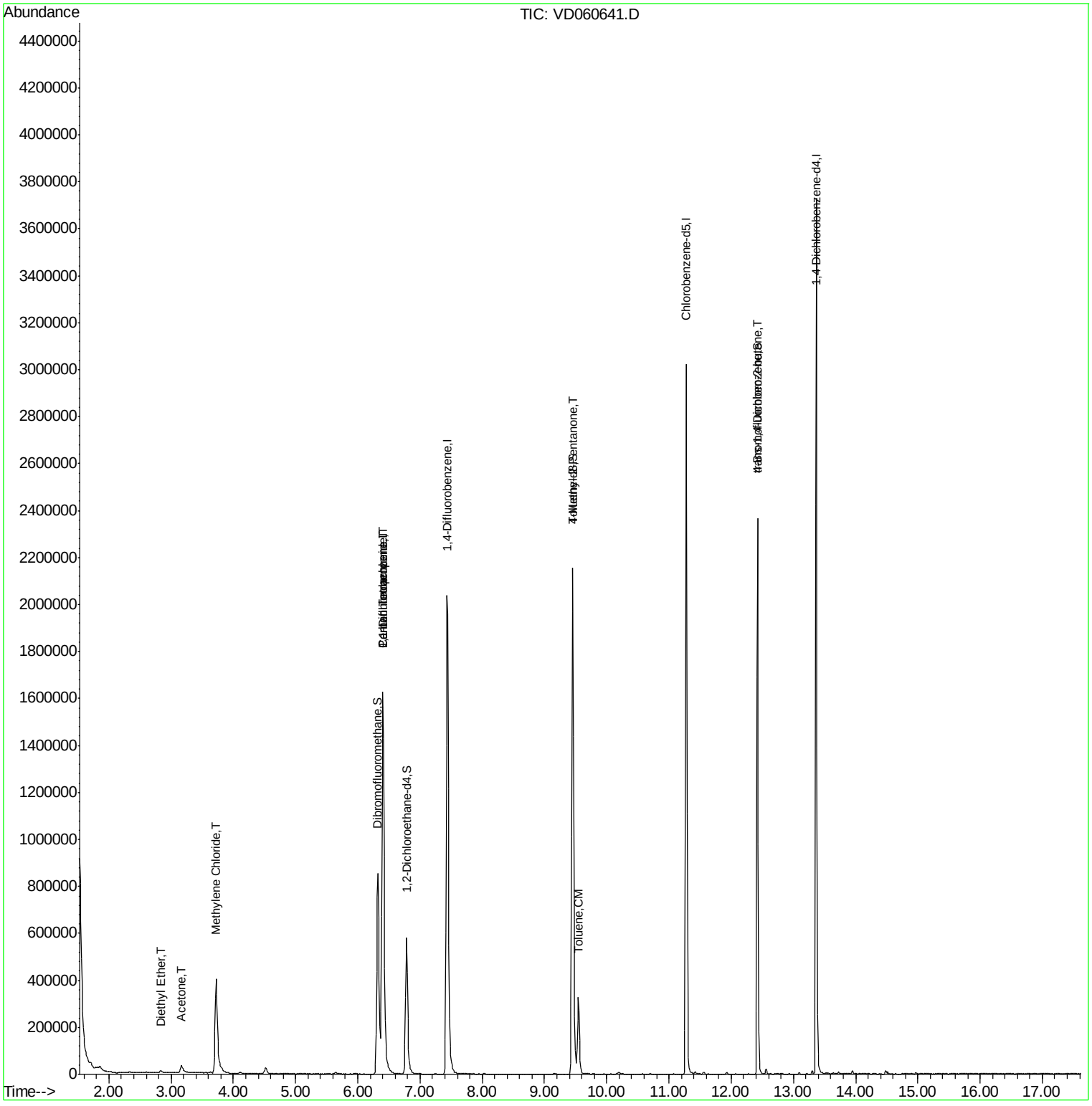
(#) = qualifier out of range (m) = manual integration (+) = signals summed

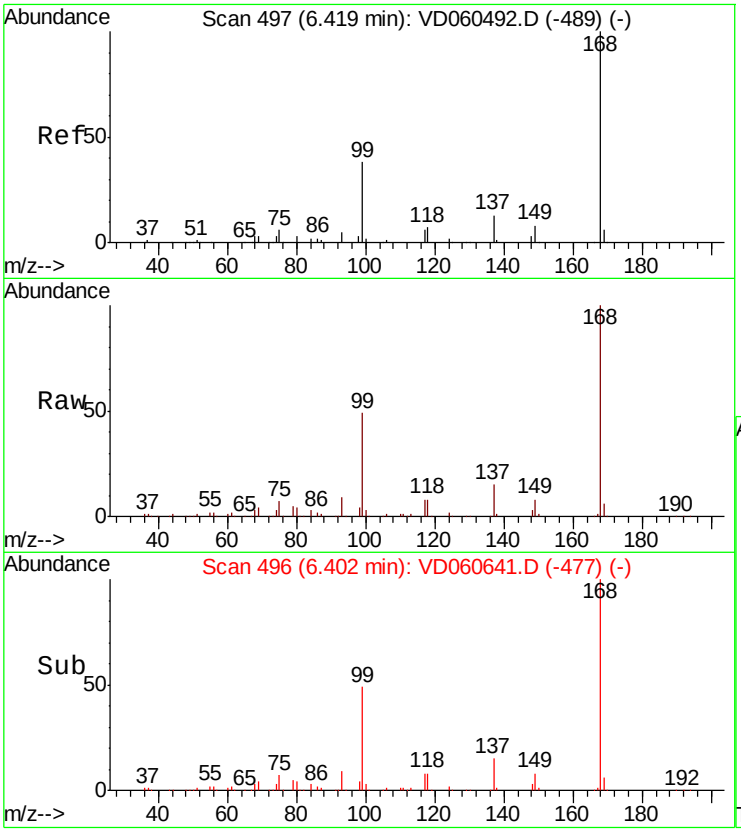
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121918\
Data File : VD060641.D
Acq On : 19 Dec 2018 15:35
Operator : VA/AP
Sample : J6199-09
Misc : 5.77G/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 20 00:31:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration



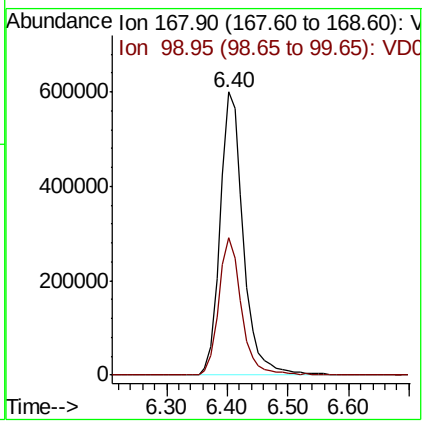


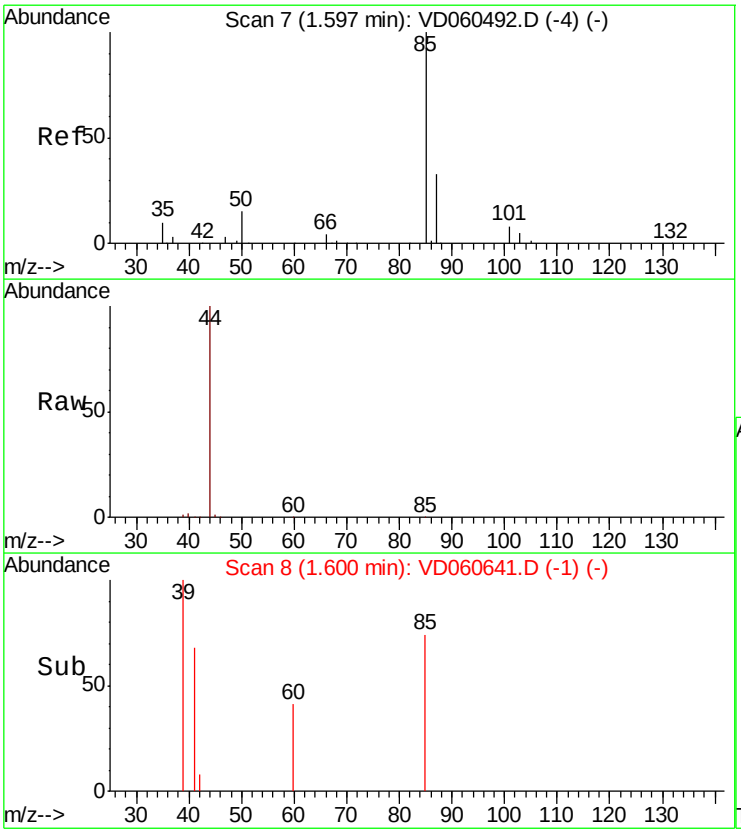
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.02 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 1595460

Ion	Ratio	Lower	Upper
168	100		
99	48.6	35.6	53.4

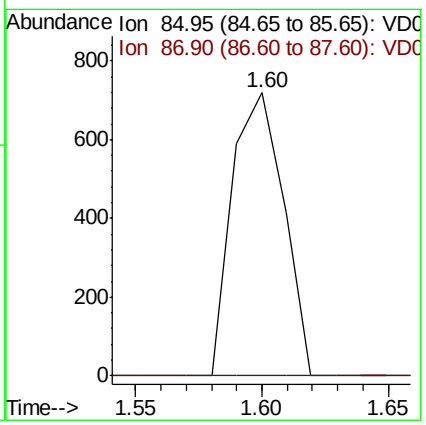


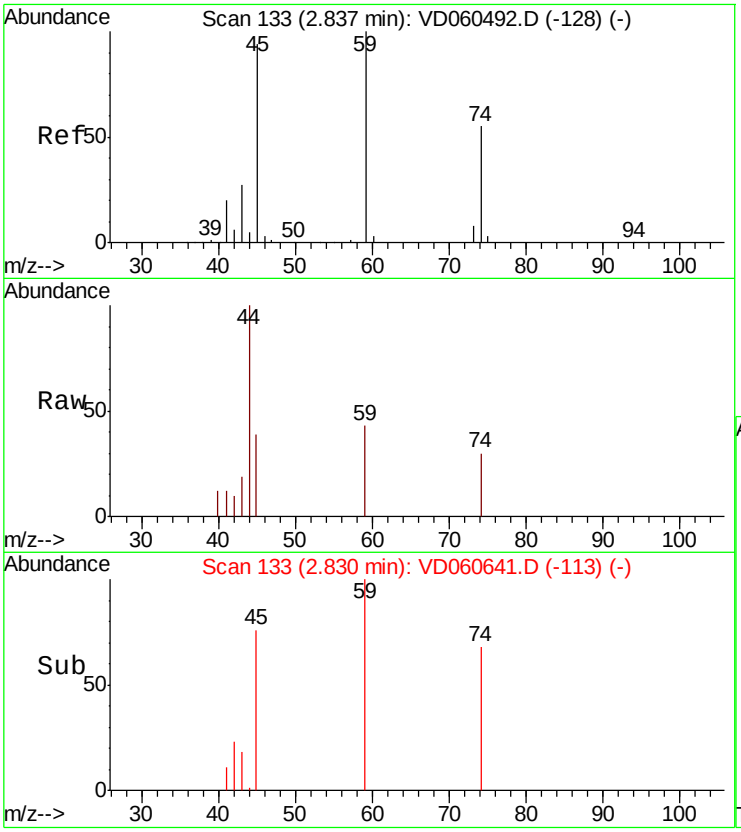


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.60 min Scan# 8
Delta R.T. 0.00 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion: 85 Resp: 1017

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



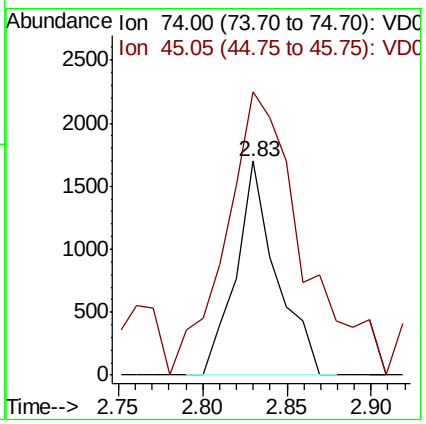


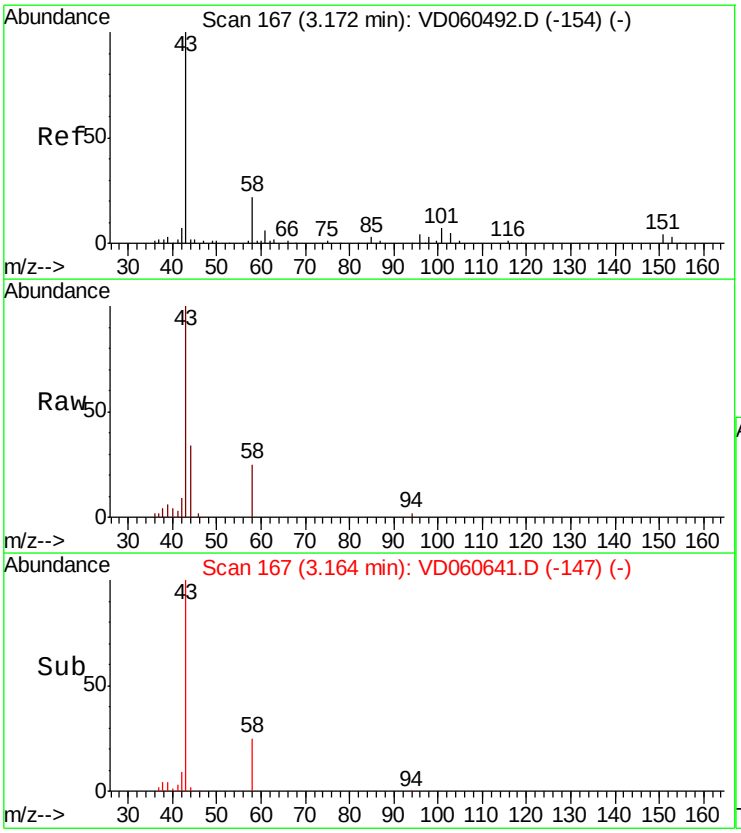
#8
Diethyl Ether
Concen: 1.086 ug/l
RT: 2.83 min Scan# 133
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 74 Resp: 2833

Ion	Ratio	Lower	Upper
74	100		
45	132.2	86.0	258.0

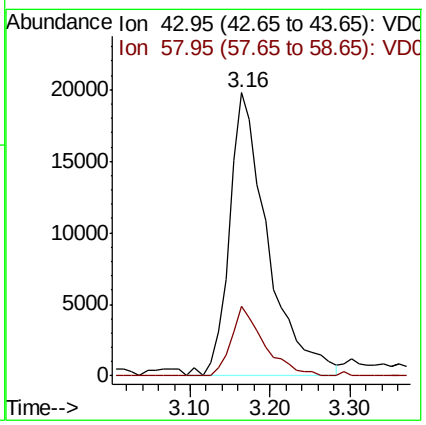


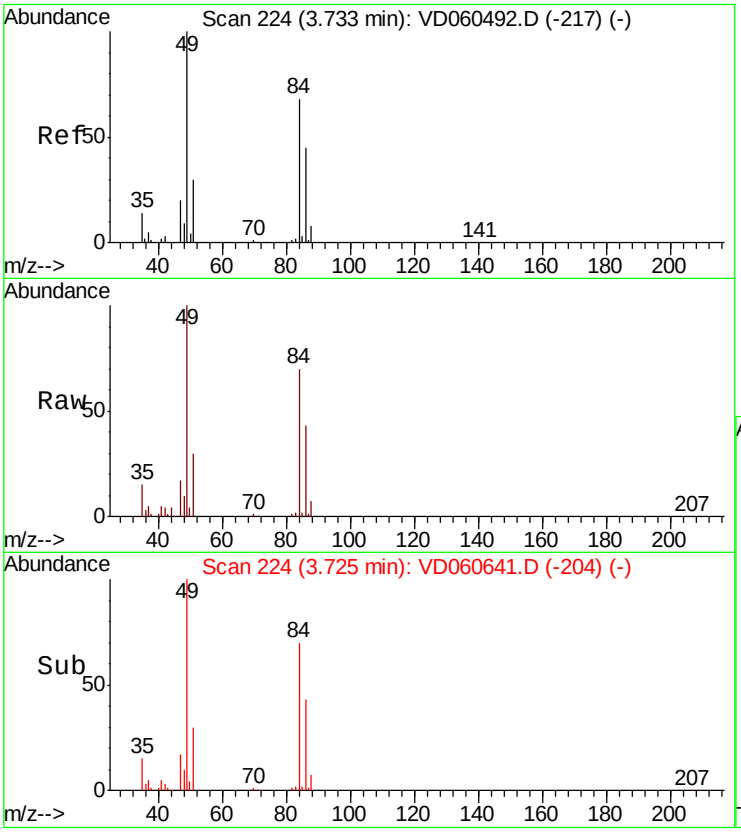


#16
Acetone
Concen: 36.599 ug/l
RT: 3.16 min Scan# 167
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion: 43 Resp: 66342

Ion	Ratio	Lower	Upper
43	100		
58	24.6	17.3	25.9



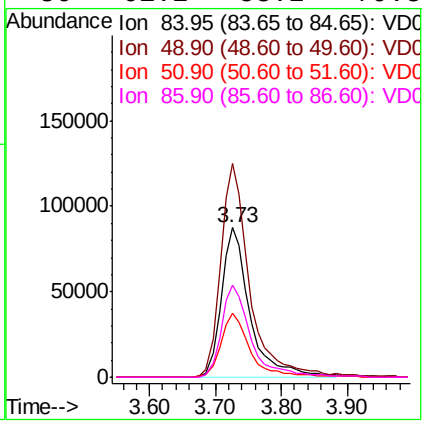


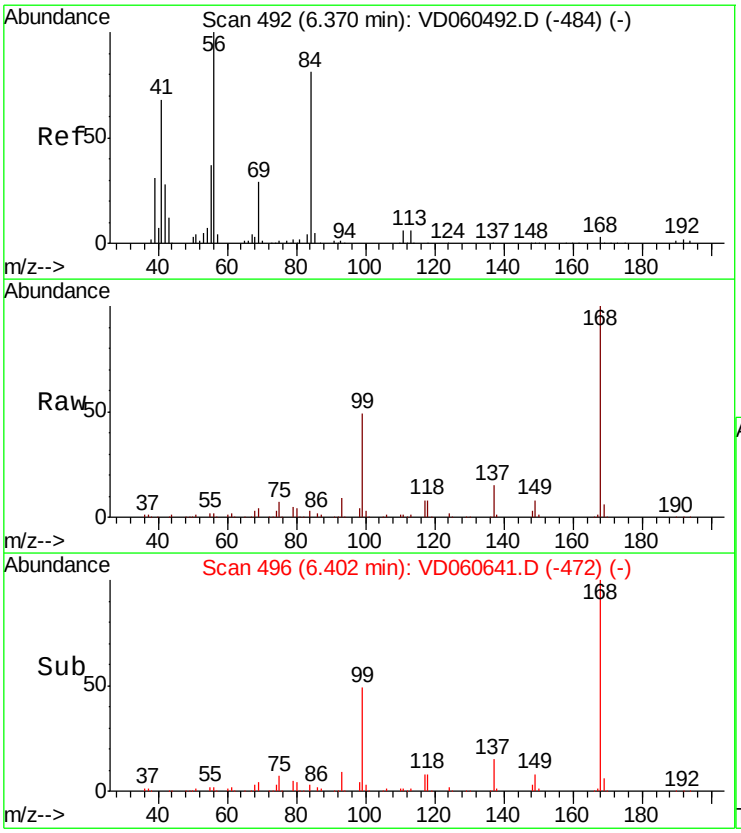
#20
Methylene Chloride
Concen: 12.582 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 265131

Ion	Ratio	Lower	Upper
84	100		
49	142.6	117.2	175.8
51	42.7	35.3	52.9
86	61.2	53.2	79.8

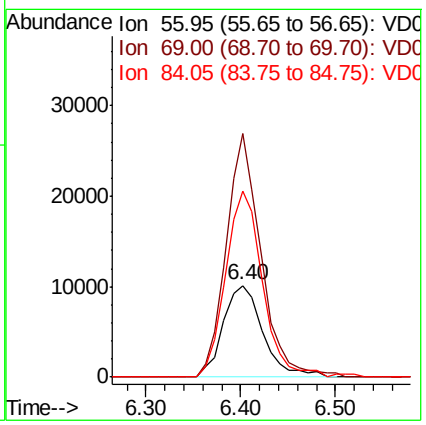


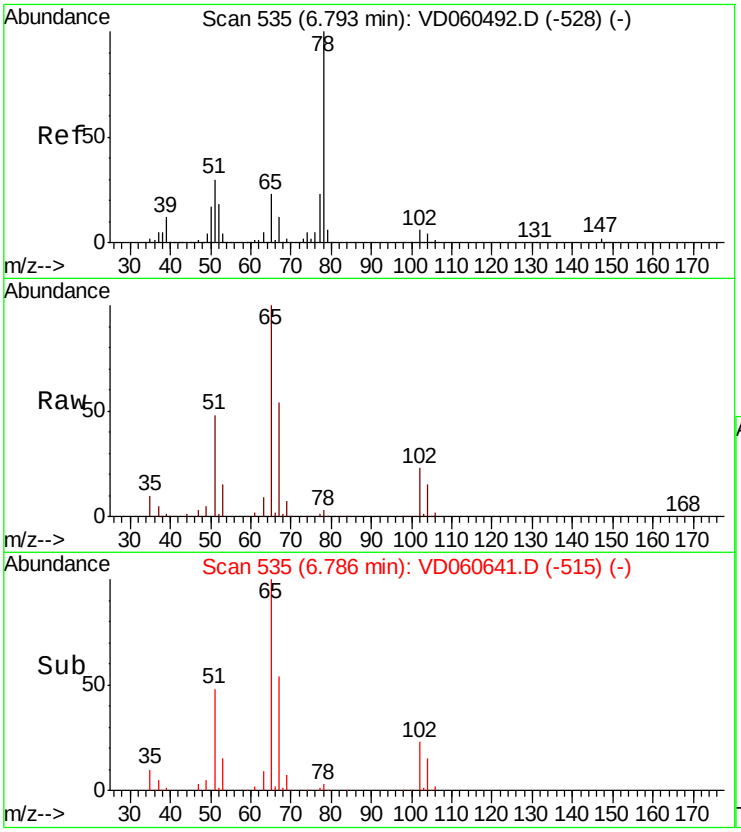


#31
Cyclohexane
Concen: Below Cal
RT: 6.40 min Scan# 496
Delta R.T. 0.03 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion: 56 Resp: 29287

Ion	Ratio	Lower	Upper
56	100		
69	265.5	22.8	34.2#
84	202.2	65.1	97.7#



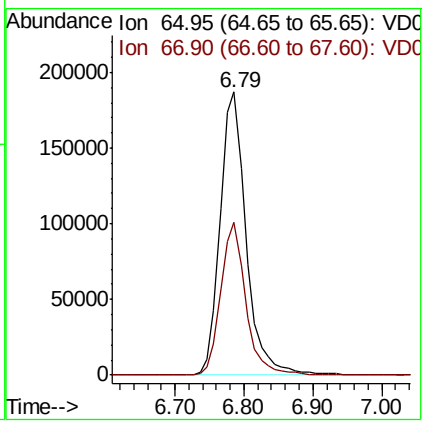


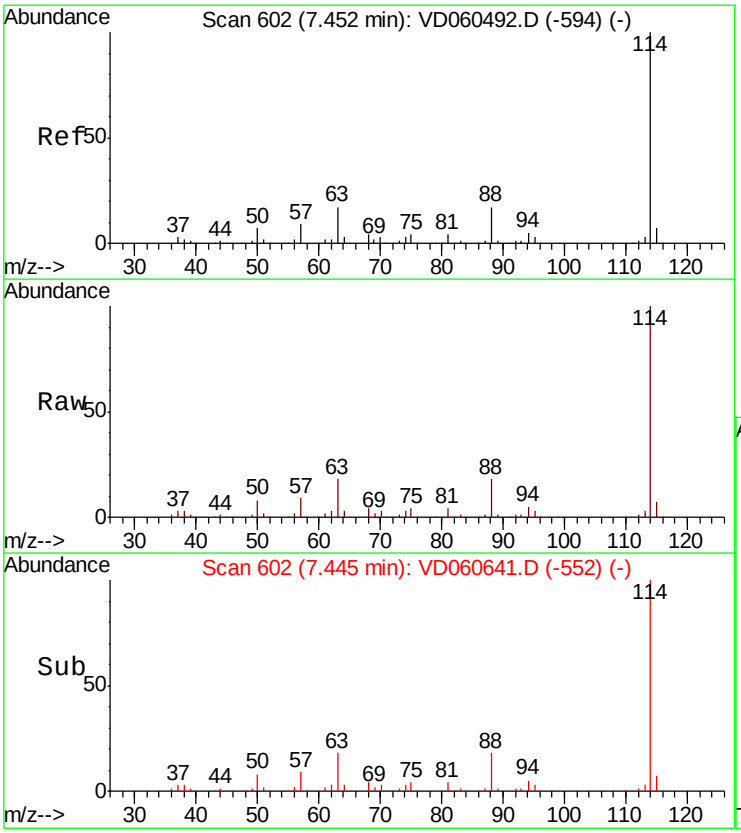
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 489084

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.8

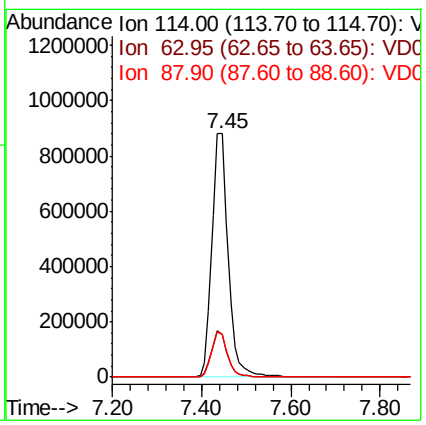


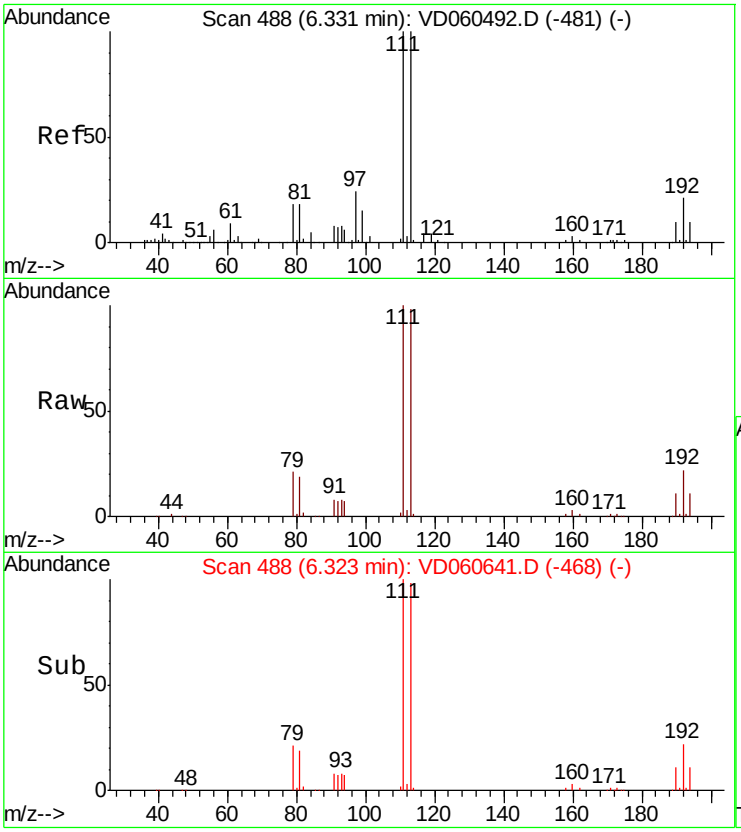


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion:114 Resp: 2225307

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.2
88	17.8	0.0	35.0



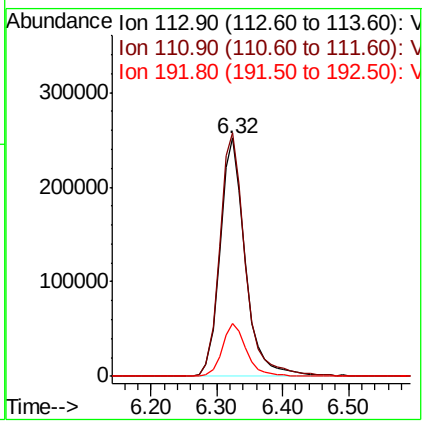


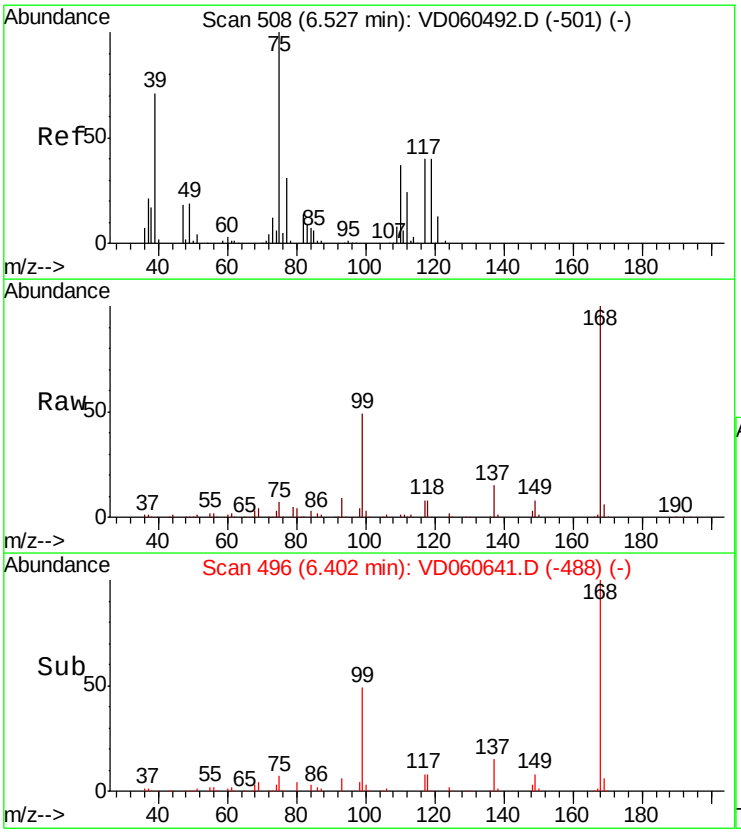
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 672385

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.2	120.4
192	22.1	16.6	24.8

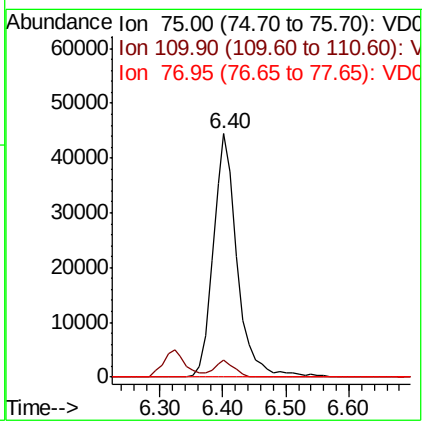


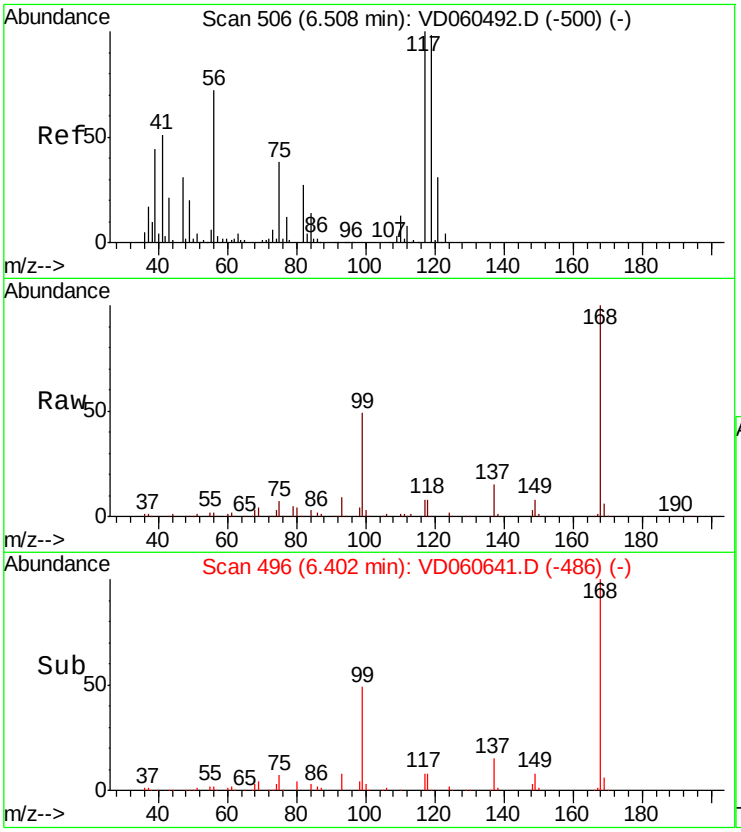


#36
1,1-Dichloropropene
Concen: 5.418 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.13 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion: 75 Resp: 117850

Ion	Ratio	Lower	Upper
75	100		
110	7.0	18.3	54.8#
77	0.0	24.6	37.0#



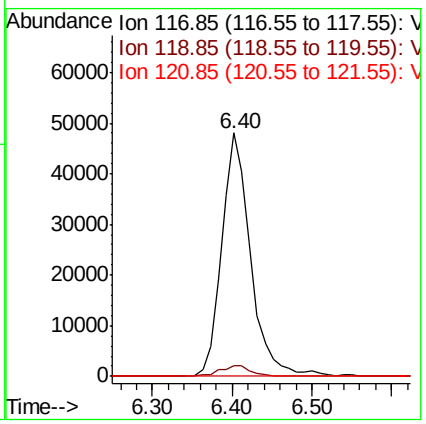


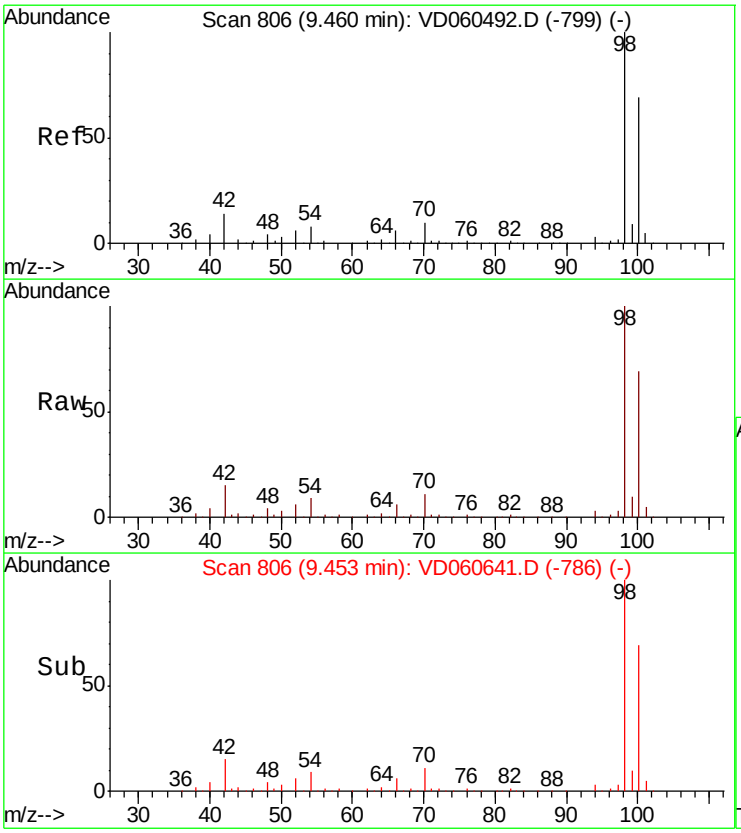
#38
Carbon Tetrachloride
Concen: 6.243 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.11 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 121907

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.8	115.2#
121	0.0	24.4	36.6#

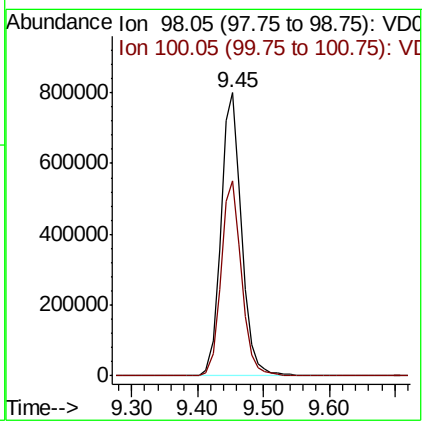


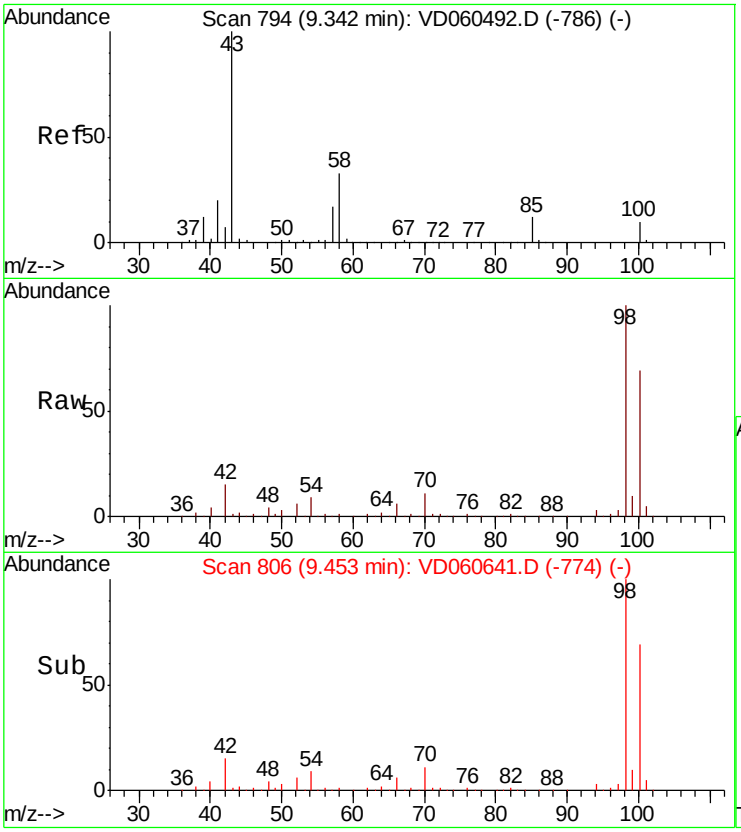


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion: 98 Resp: 1744425

Ion	Ratio	Lower	Upper
98	100		
100	68.8	55.7	83.5



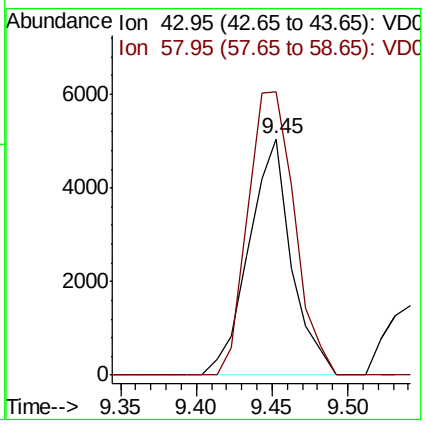


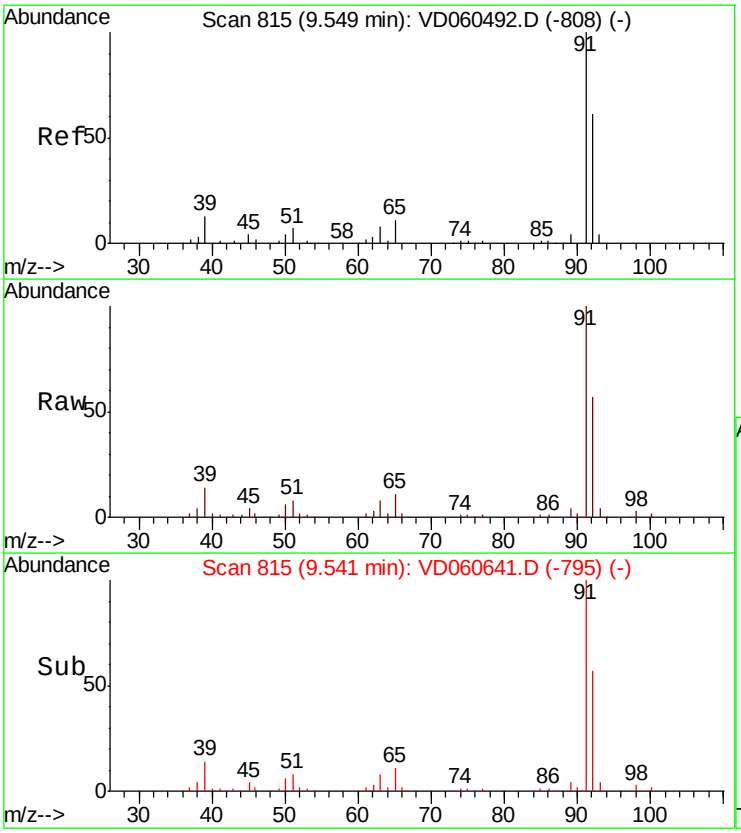
#51
4-Methyl-2-Pentanone
Concen: 1.374 ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.11 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 9954

Ion	Ratio	Lower	Upper
43	100		
58	119.8	26.3	39.5#

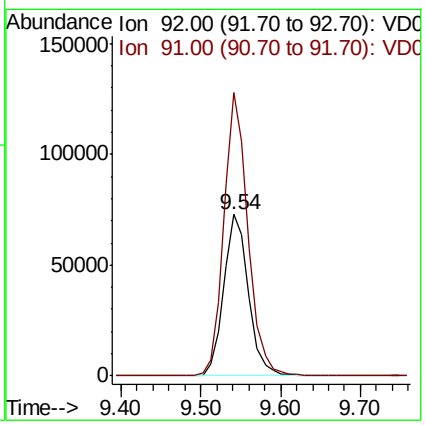


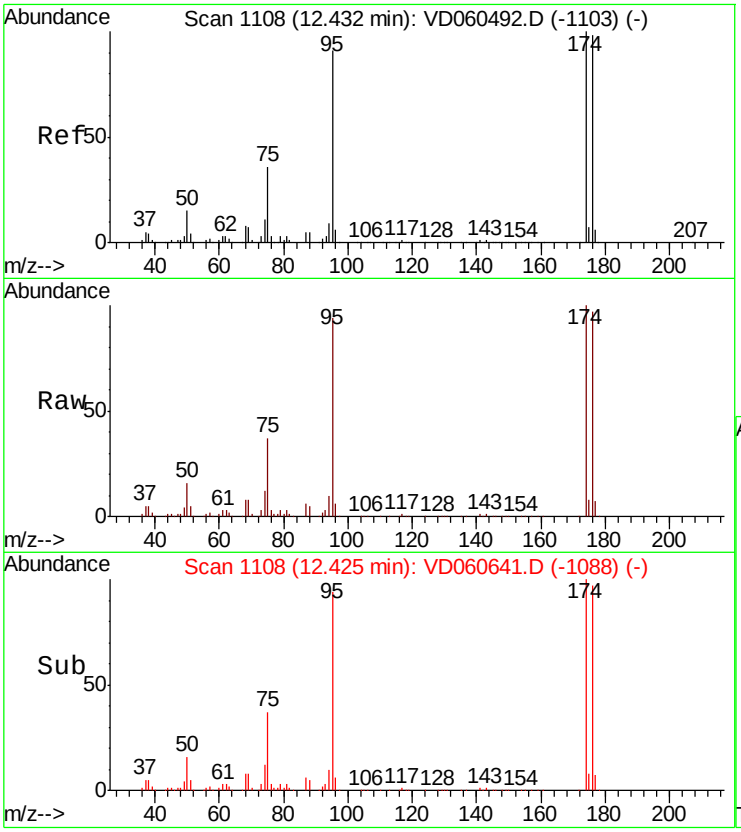


#52
Toluene
Concen: 4.587 ug/l
RT: 9.54 min Scan# 815
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion: 92 Resp: 159383

Ion	Ratio	Lower	Upper
92	100		
91	175.4	131.7	197.5



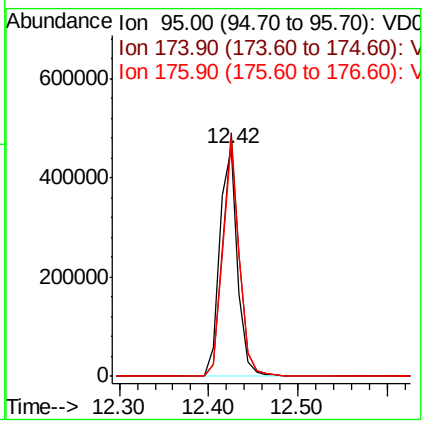


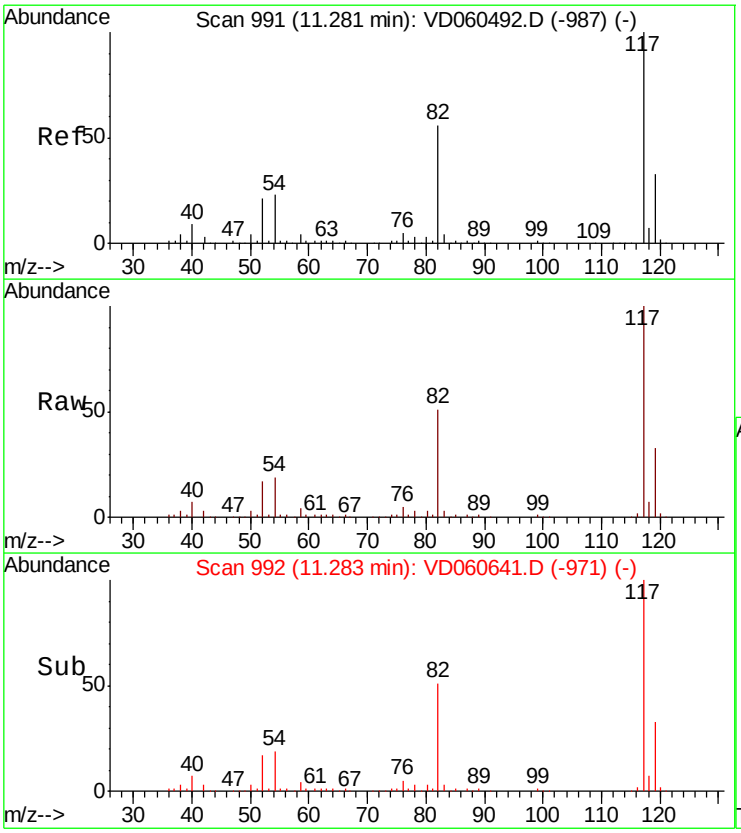
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 650794

Ion	Ratio	Lower	Upper
95	100		
174	106.8	0.0	219.4
176	103.4	0.0	214.6

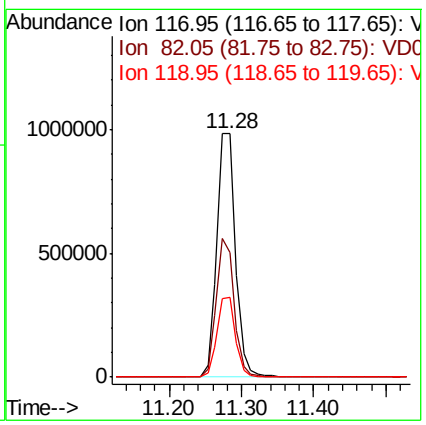


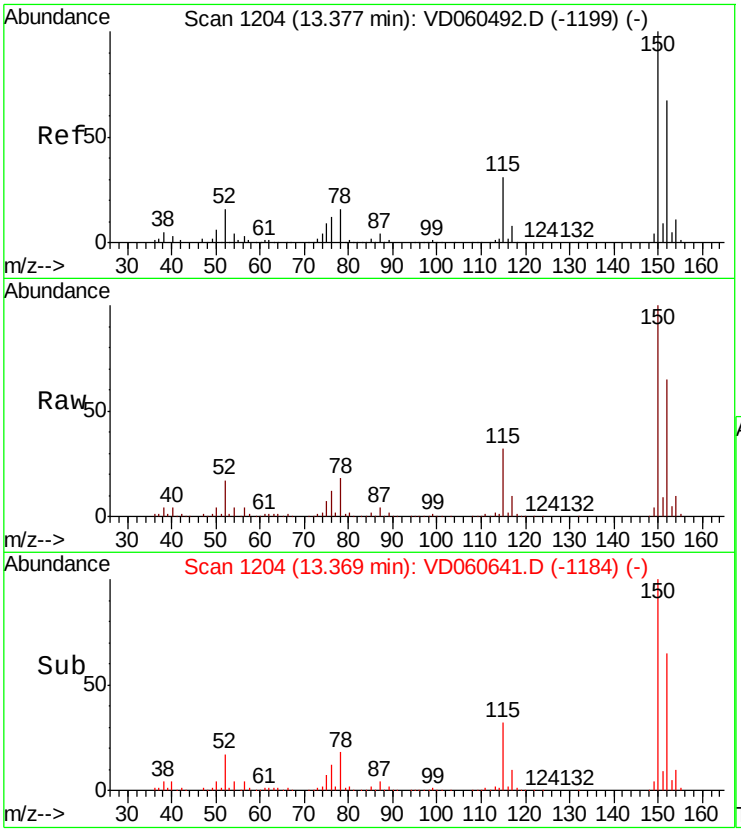


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.00 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion:117 Resp: 1747093

Ion	Ratio	Lower	Upper
117	100		
82	51.2	45.2	67.8
119	32.7	26.1	39.1



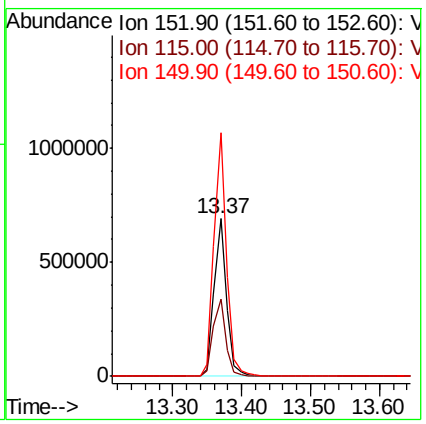


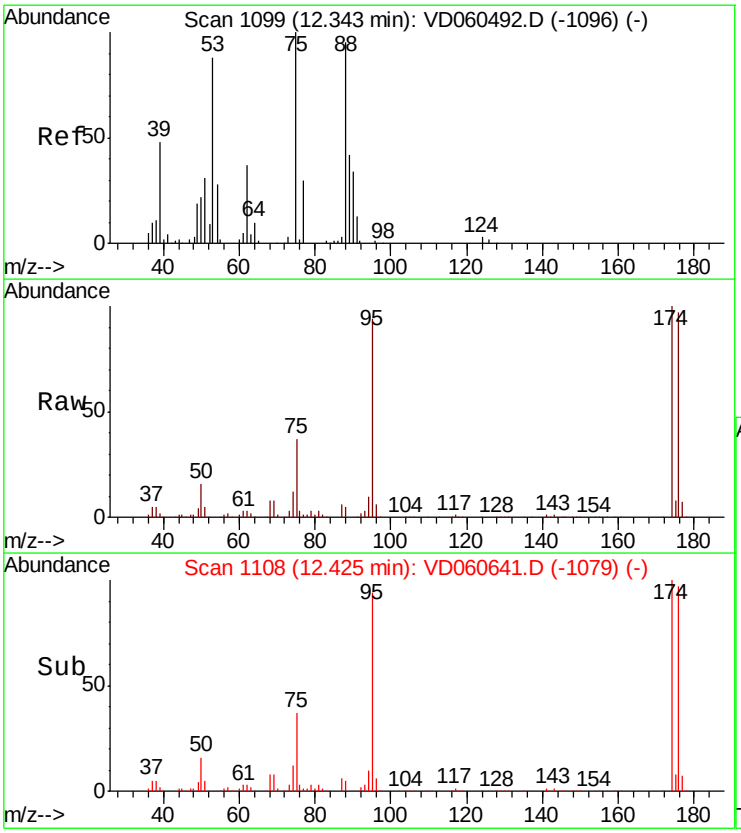
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 861532

Ion	Ratio	Lower	Upper
152	100		
115	48.8	24.6	74.0
150	154.5	0.0	309.0





#81
trans-1,4-Dichloro-2-butene
Concen: 100.440 ug/l
RT: 12.42 min Scan# 1108
Delta R.T. 0.08 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion: 75 Resp: 273455

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	33.6	50.4#