Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110918\
Data File : VD060324.D
Acq On : 9 Nov 2018 20:52
Operator : VA/AP
Sample : J5887-07
Misc : 6.65g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : W-1-D

Quant Time: Nov 12 01:37:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1164747	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1638437	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1269387	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	651832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	460391	55.20	ug/l	-0.01
Spiked Amount 50.000			Recovery = 110.40%			
35) Dibromofluoromethane	6.33	113	636263	52.08	ug/l	-0.01
Spiked Amount 50.000			Recovery = 104.16%			
50) Toluene-d8	9.46	98	1749016	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
62) 4-Bromofluorobenzene	12.43	95	621965	48.00	ug/l	-0.01
Spiked Amount 50.000			Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	1213	Below Cal		76
8) Diethyl Ether	2.82	74	2818	1.465	ug/l	95
16) Acetone	3.17	43	24227	16.747	ug/l #	82
18) Methyl Acetate	3.54	43	4701	1.524	ug/l #	63
20) Methylene Chloride	3.72	84	98359	7.665	ug/l	95
29) Tetrahydrofuran	5.95	42	1806	1.139	ug/l #	41
31) Cyclohexane	6.41	56	22411	1.125	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	83958	5.187	ug/l #	45
38) Carbon Tetrachloride	6.41	117	89612	5.968	ug/l #	16
51) 4-Methyl-2-Pentanone	9.46	43	10182	1.672	ug/l #	1
52) Toluene	9.55	92	194127	7.355	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.43	75	260454	117.326	ug/l #	15
89) n-Butylbenzene	13.66	91	679	Below Cal	#	70

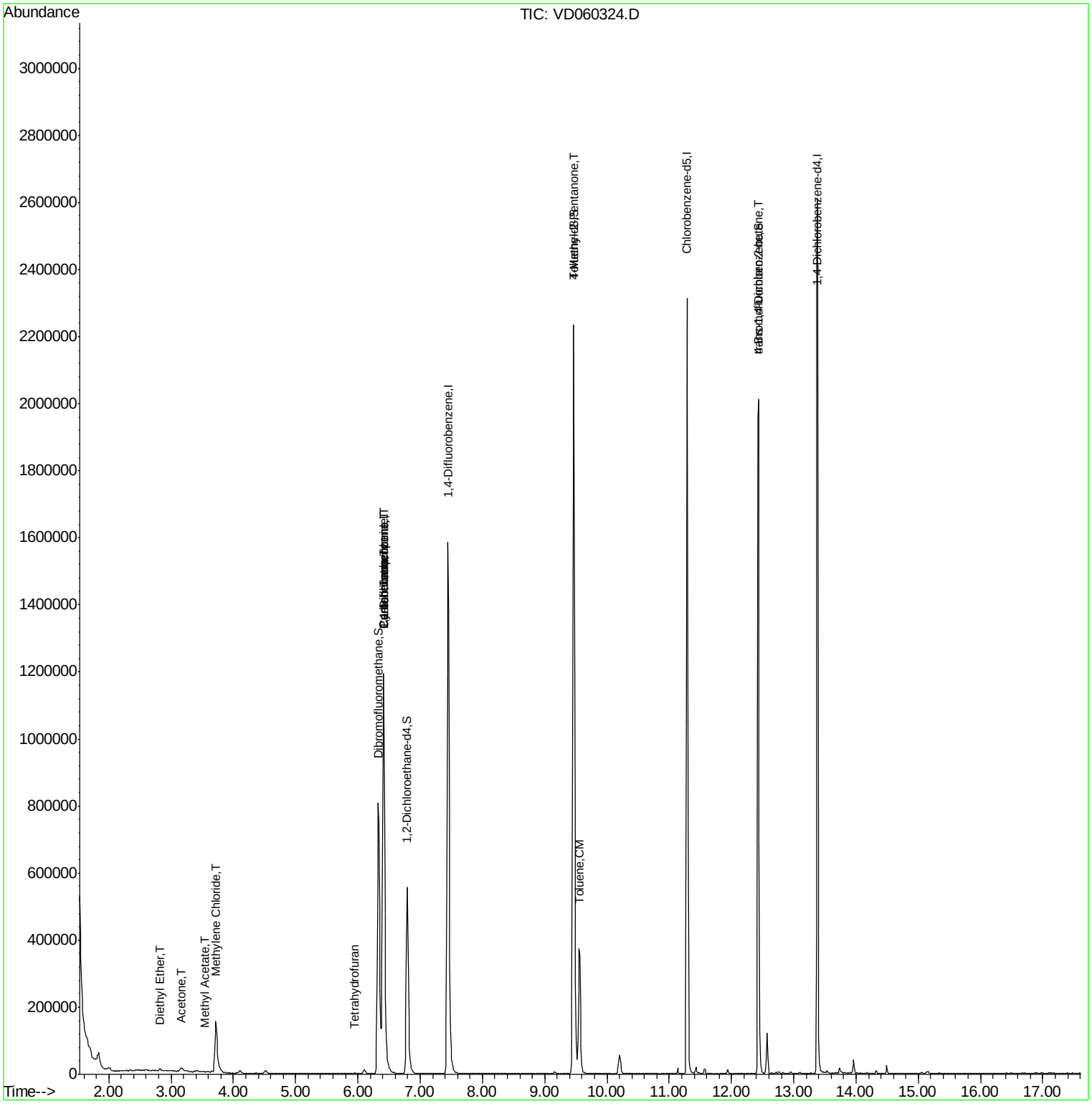
(#) = qualifier out of range (m) = manual integration (+) = signals summed

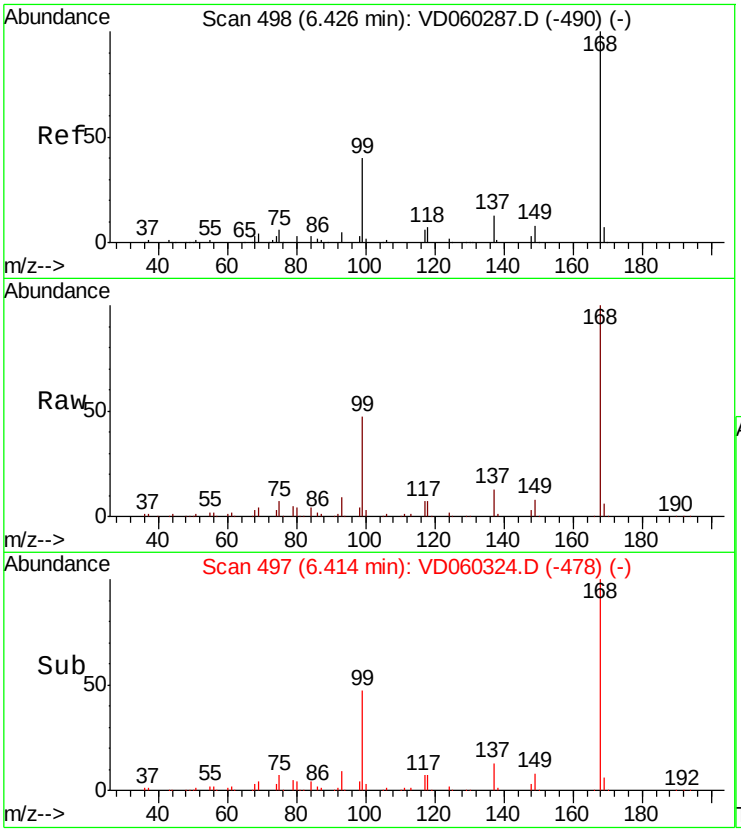
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110918\
Data File : VD060324.D
Acq On : 9 Nov 2018 20:52
Operator : VA/AP
Sample : J5887-07
Misc : 6.65g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-1-D

Quant Time: Nov 12 01:37:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration



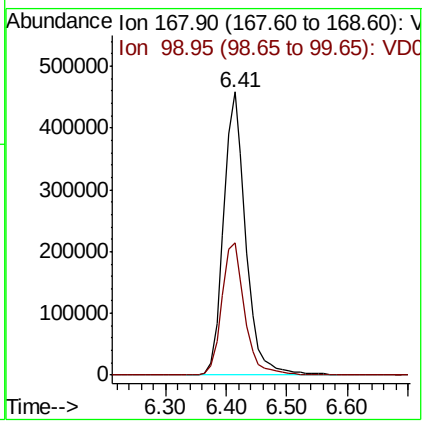


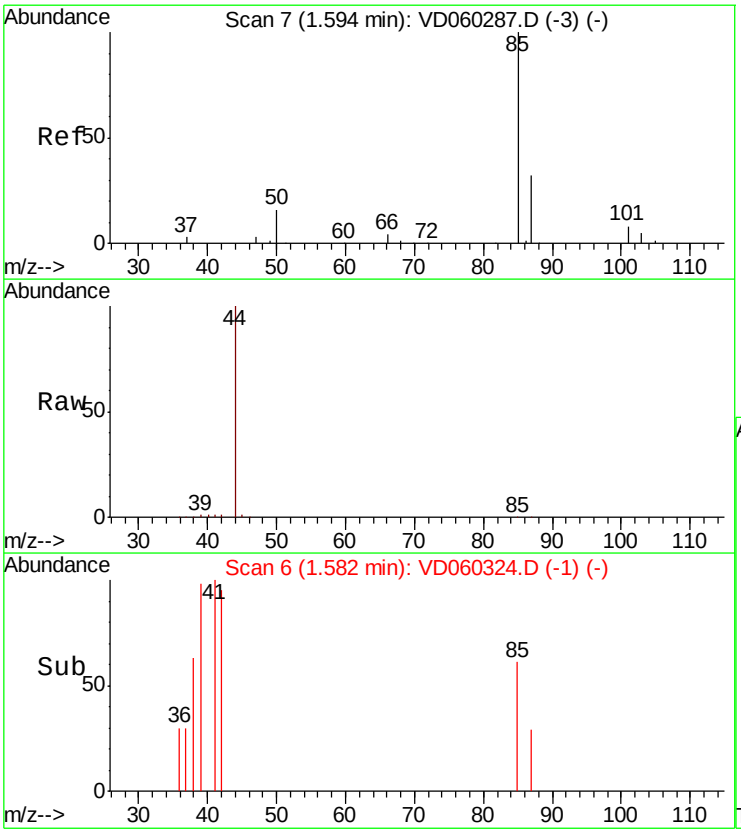
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Instrument :
MSVOA_D
ClientSampleId :
W-1-D

Tgt Ion:168 Resp: 1164747

Ion	Ratio	Lower	Upper
168	100		
99	46.7	39.8	59.8

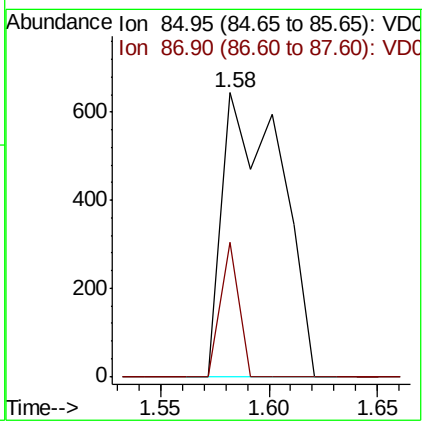


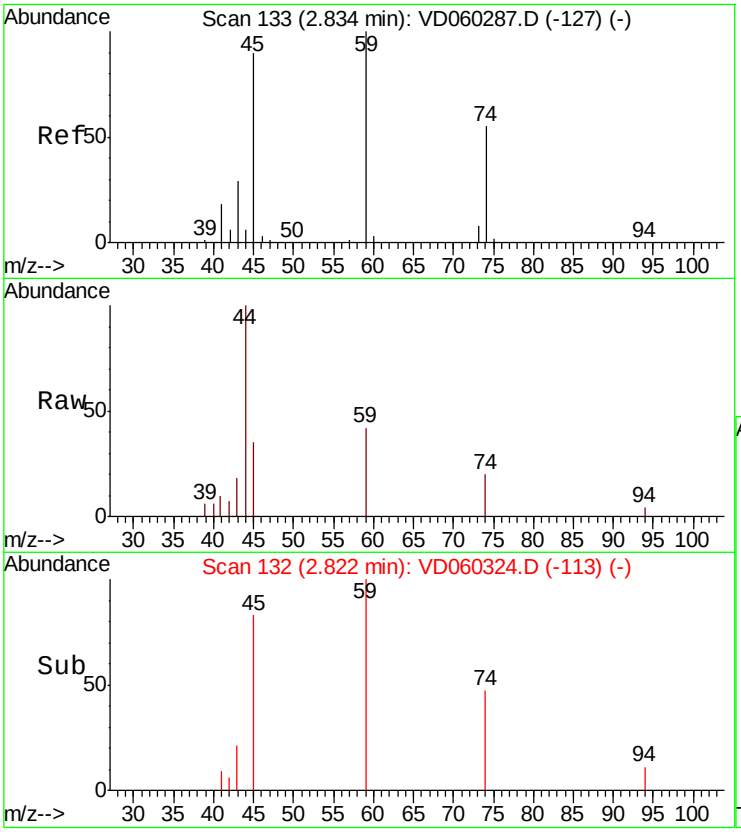


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.58 min Scan# 6
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Tgt Ion: 85 Resp: 1213

Ion	Ratio	Lower	Upper
85	100		
87	47.0	16.8	50.4



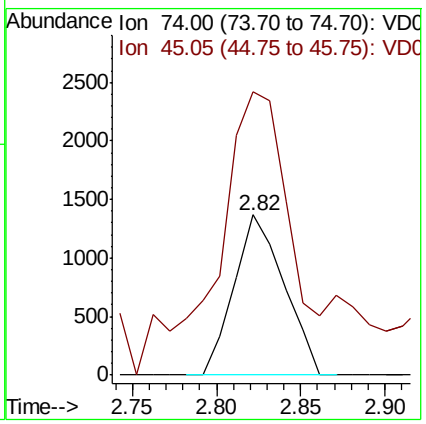


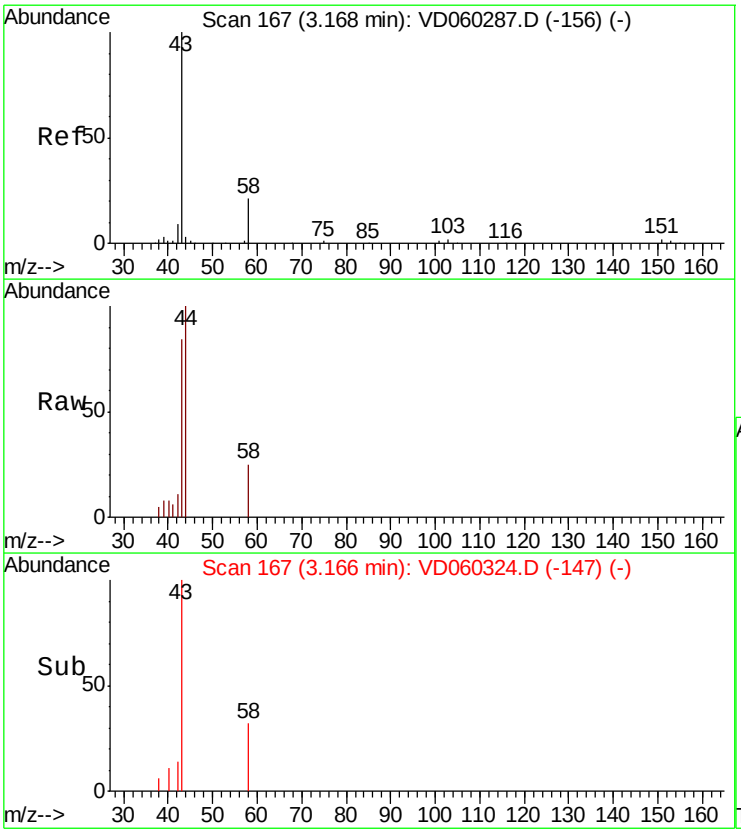
#8
Diethyl Ether
Concen: 1.465 ug/l
RT: 2.82 min Scan# 132
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Instrument : MSVOA_D
ClientSampleId : W-1-D

Tgt Ion: 74 Resp: 2818

Ion	Ratio	Lower	Upper
74	100		
45	176.9	84.8	254.4

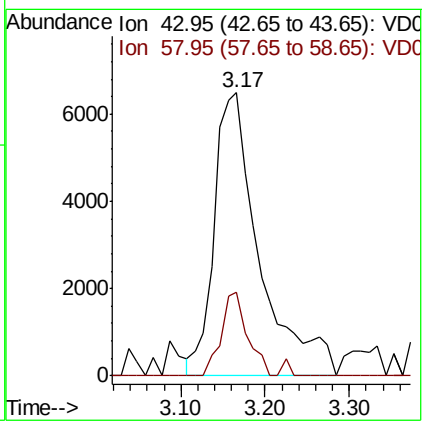


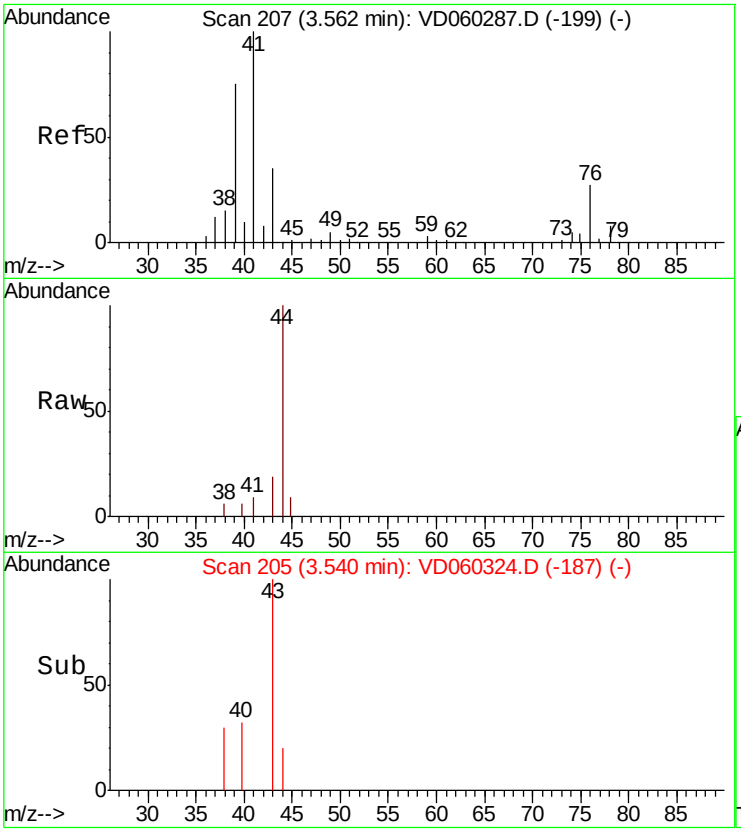


#16
Acetone
Concen: 16.747 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.00 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Tgt Ion: 43 Resp: 24227

Ion	Ratio	Lower	Upper
43	100		
58	29.5	16.9	25.3#



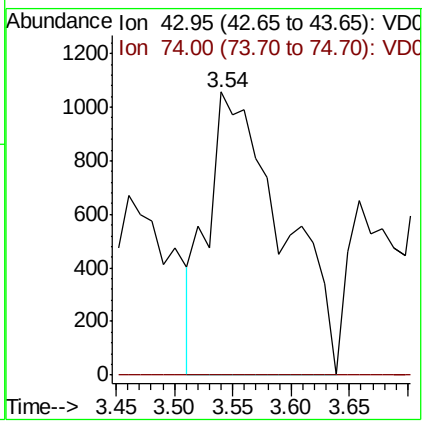


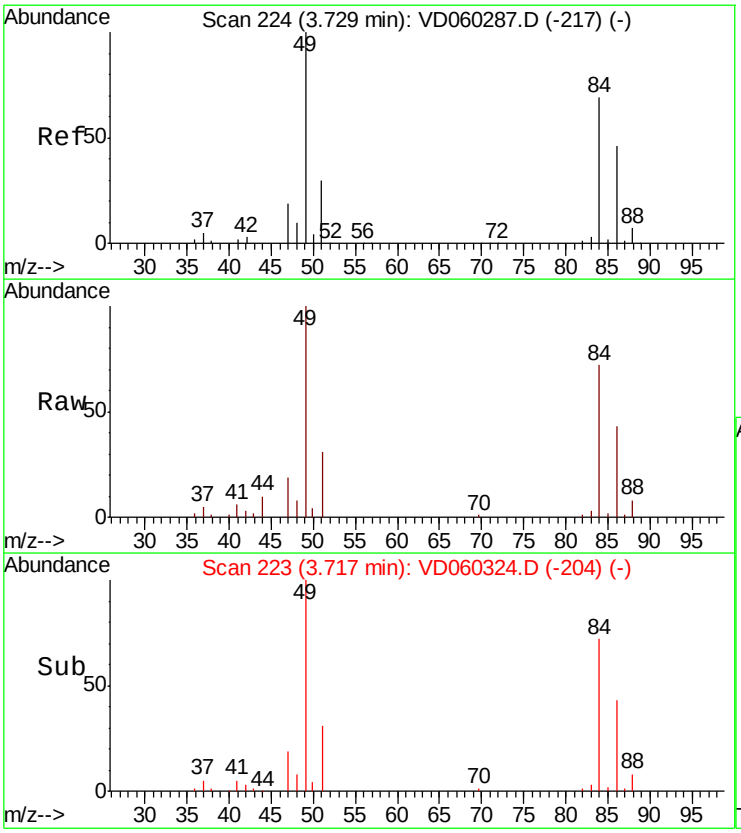
#18
Methyl Acetate
Concen: 1.524 ug/l
RT: 3.54 min Scan# 205
Delta R.T. -0.02 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Instrument : MSVOA_D
ClientSampleId : W-1-D

Tgt Ion: 43 Resp: 4701

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.4	18.6#

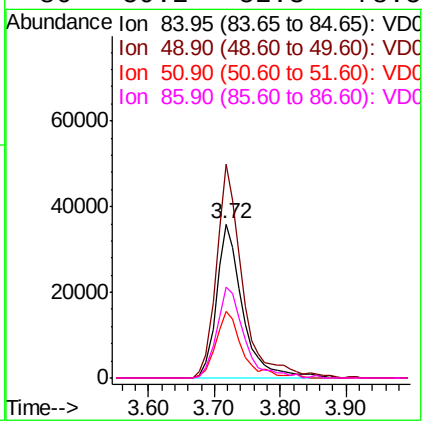


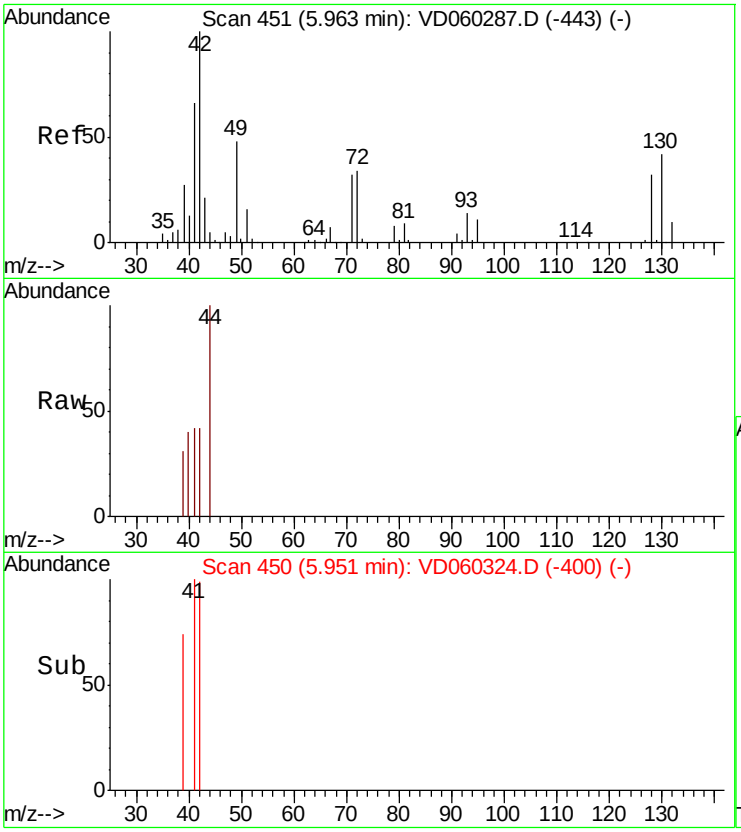


#20
Methylene Chloride
Concen: 7.665 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Tgt Ion: 84 Resp: 98359

Ion	Ratio	Lower	Upper
84	100		
49	138.9	115.6	173.4
51	43.4	35.6	53.4
86	59.2	52.3	78.5



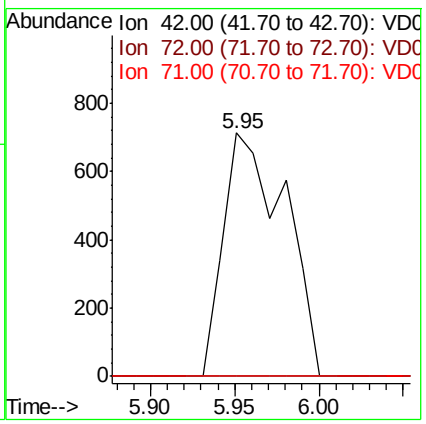


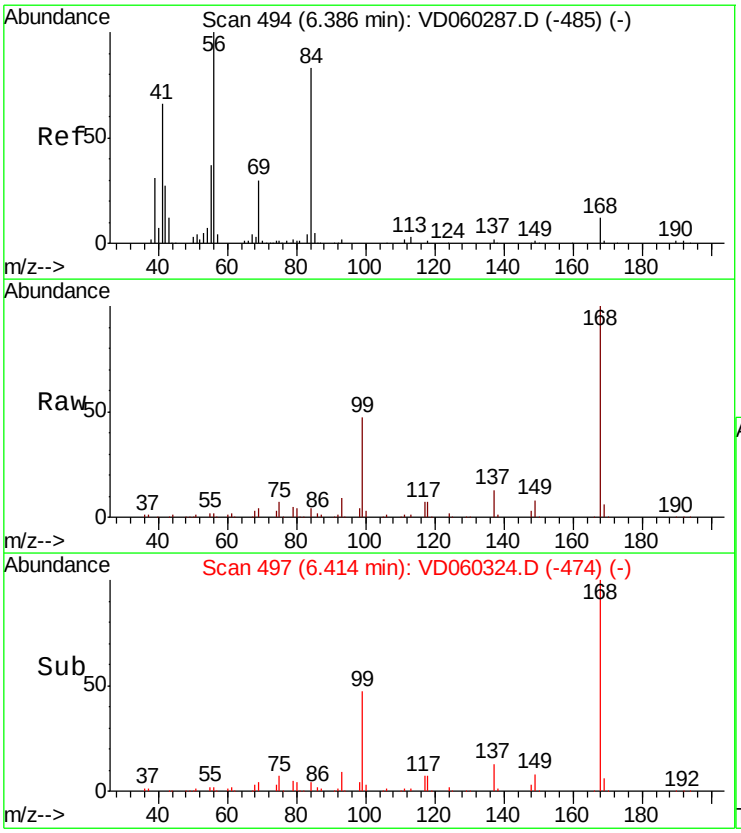
#29
Tetrahydrofuran
Concen: 1.139 ug/l
RT: 5.95 min Scan# 450
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Instrument :
MSVOA_D
ClientSampleId :
W-1-D

Tgt Ion: 42 Resp: 1806

Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.6	41.4#
71	0.0	26.5	39.7#

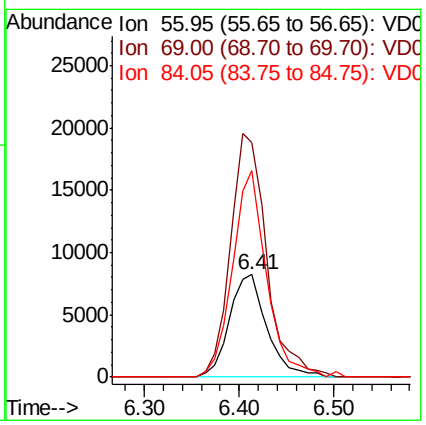


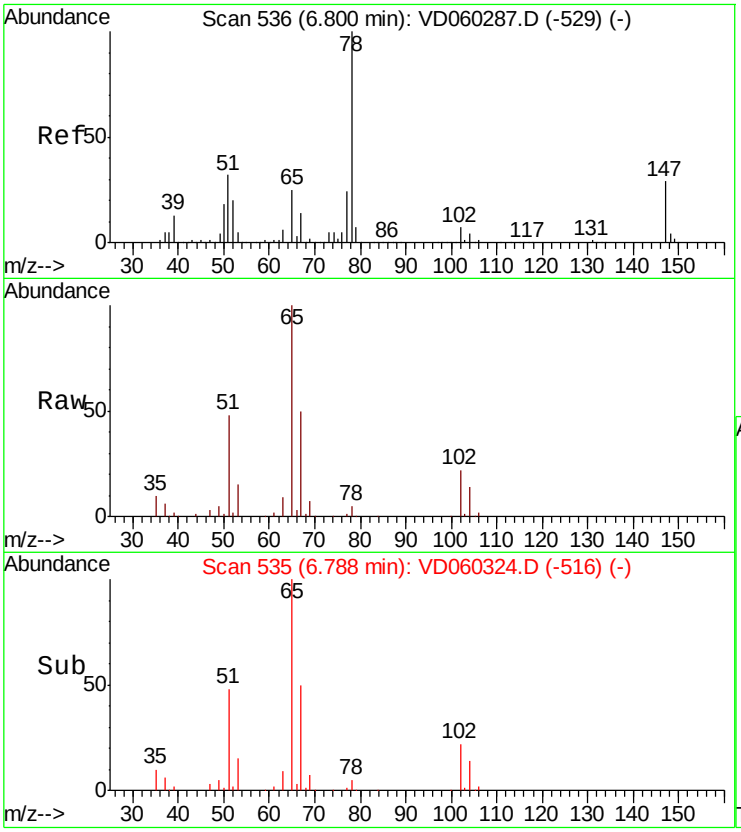


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 6.41 min Scan# 497
Delta R.T. 0.03 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Tgt Ion: 56 Resp: 22411

Ion	Ratio	Lower	Upper
56	100		
69	228.8	22.2	33.2#
84	201.0	63.0	94.4#



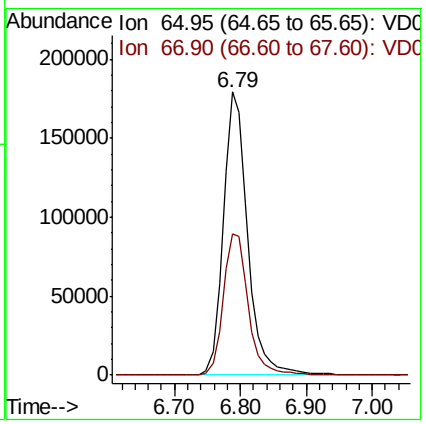


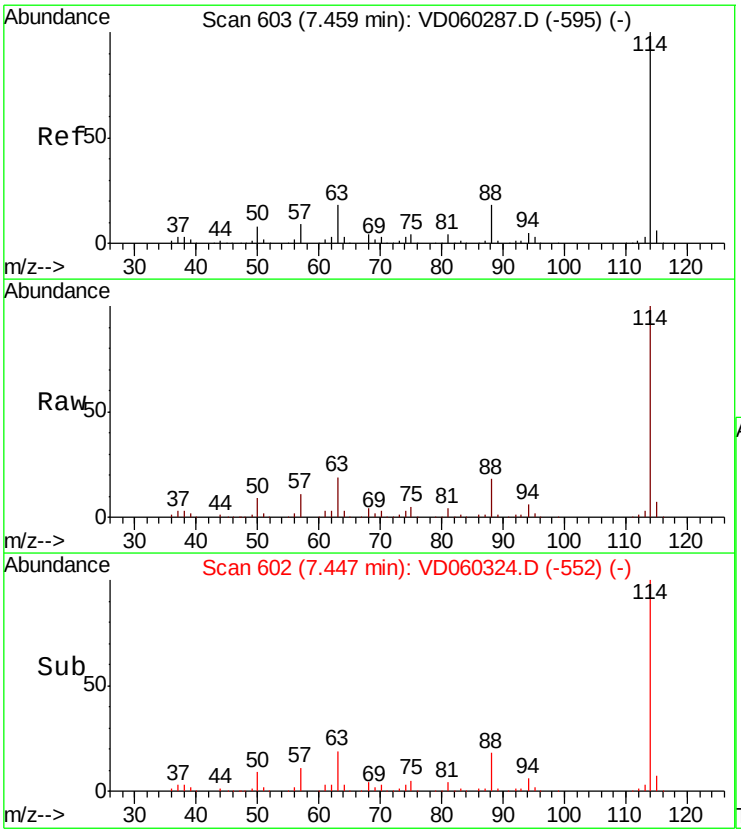
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Instrument : MSVOA_D
ClientSampleId : W-1-D

Tgt Ion: 65 Resp: 460391

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	109.8

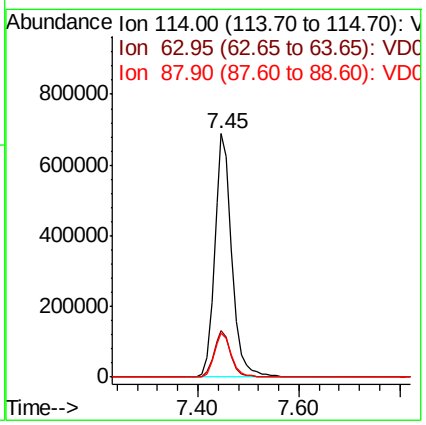


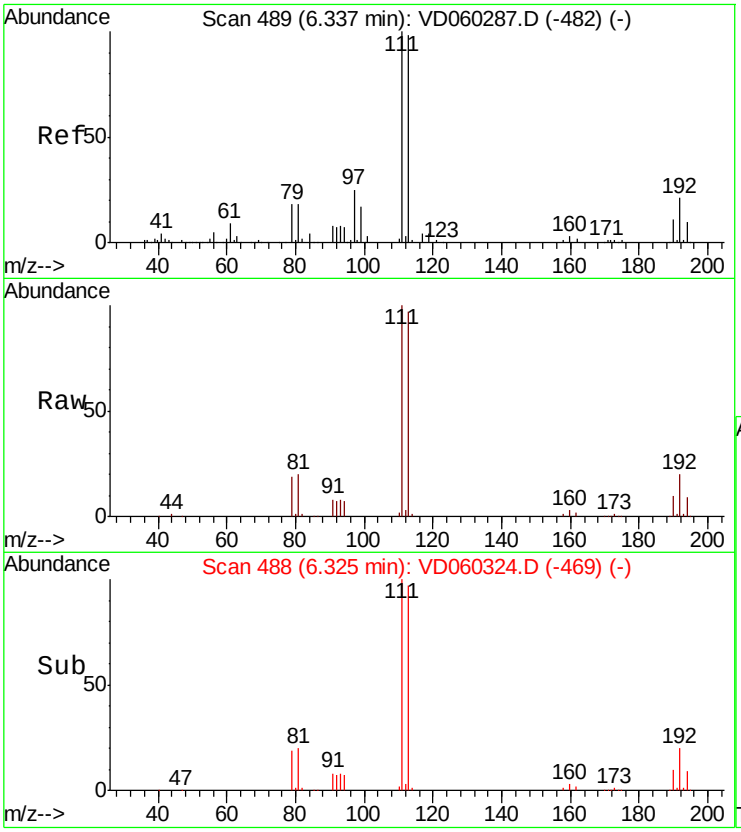


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Tgt Ion:114 Resp: 1638437

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	34.0
88	18.1	0.0	35.4



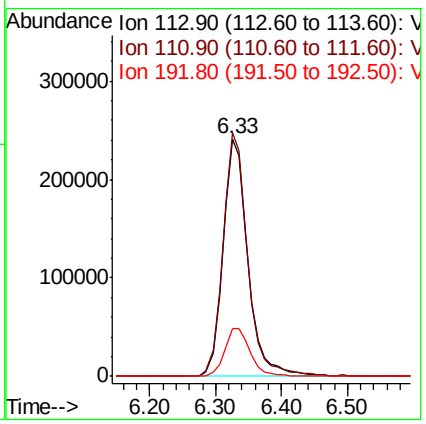


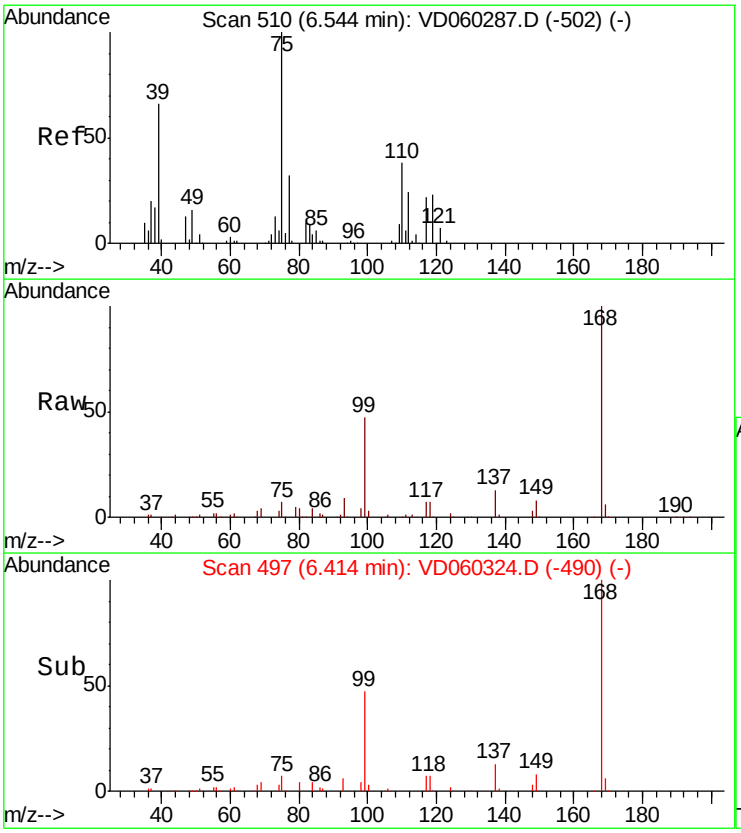
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Instrument :
MSVOA_D
ClientSampleId :
W-1-D

Tgt Ion:113 Resp: 636263

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	20.2	16.5	24.7

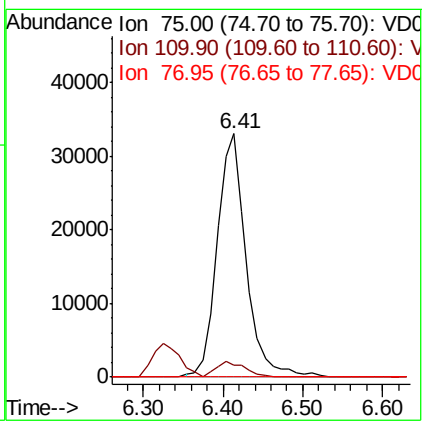


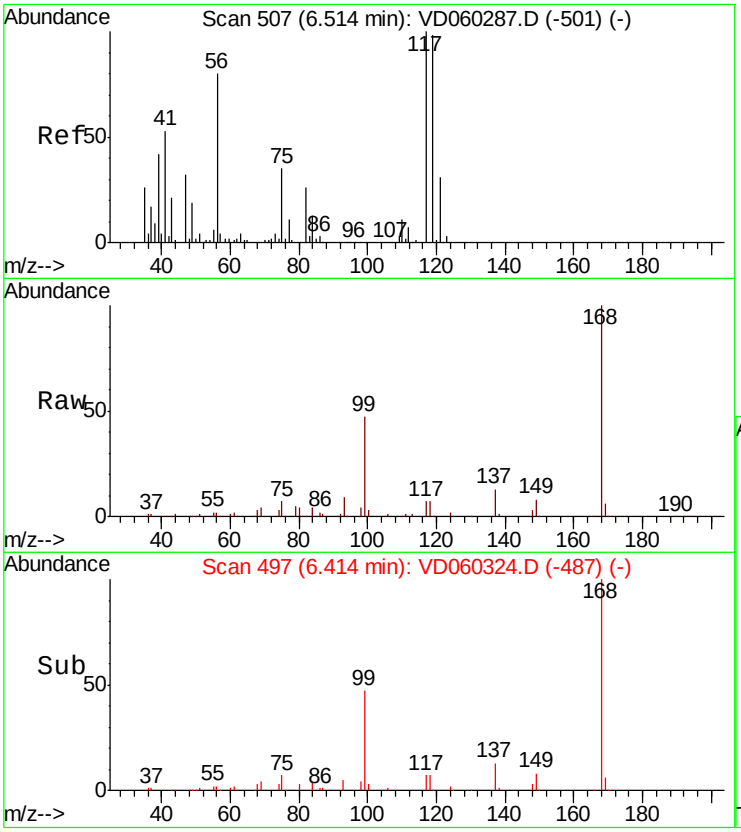


#36
1,1-Dichloropropene
Concen: 5.187 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.13 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Tgt Ion: 75 Resp: 83958

Ion	Ratio	Lower	Upper
75	100		
110	4.9	18.0	54.0#
77	0.0	25.6	38.4#



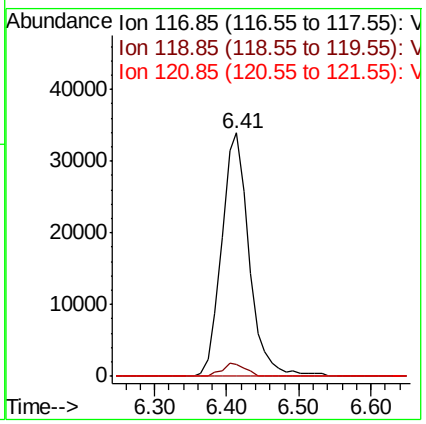


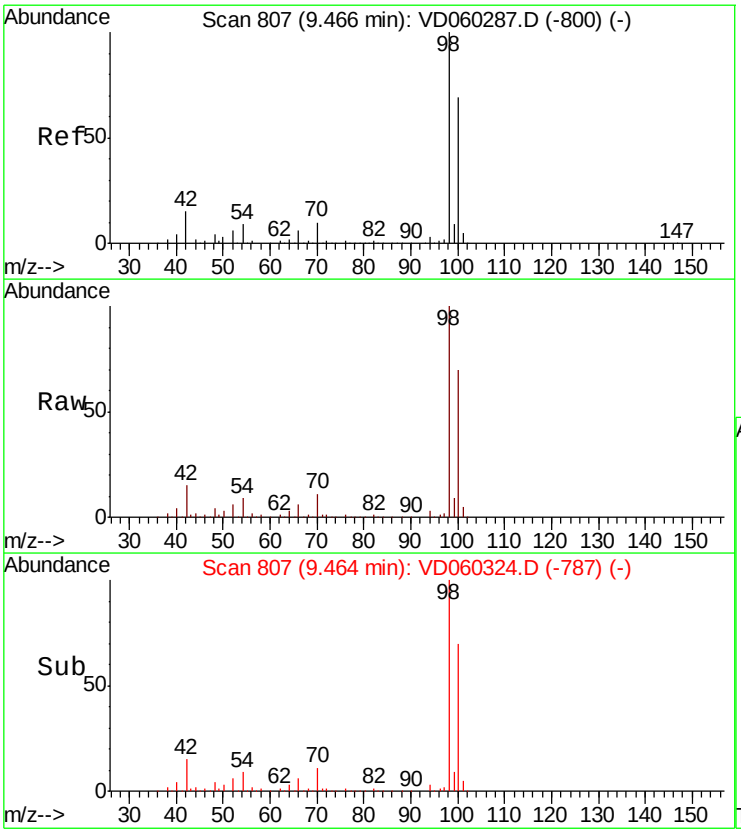
#38
Carbon Tetrachloride
Concen: 5.968 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.10 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Instrument : MSVOA_D
ClientSampleId : W-1-D

Tgt Ion:117 Resp: 89612

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.6	115.0#
121	0.0	24.3	36.5#

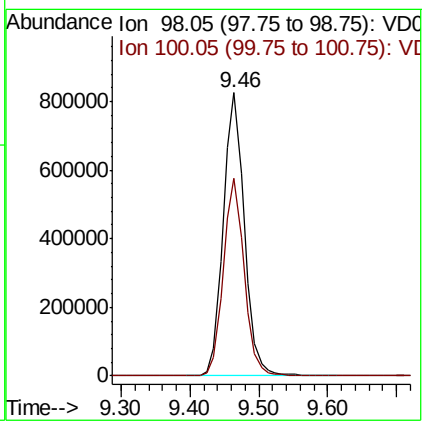


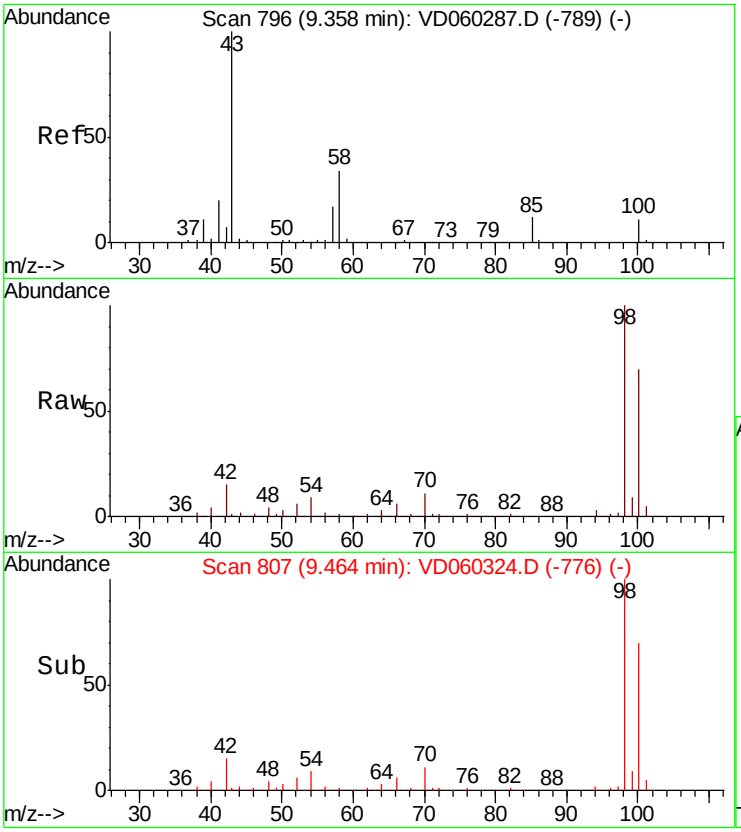


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Tgt Ion: 98 Resp: 1749016

Ion	Ratio	Lower	Upper
98	100		
100	69.8	55.2	82.8



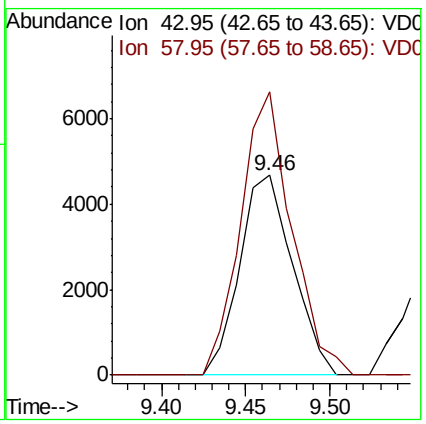


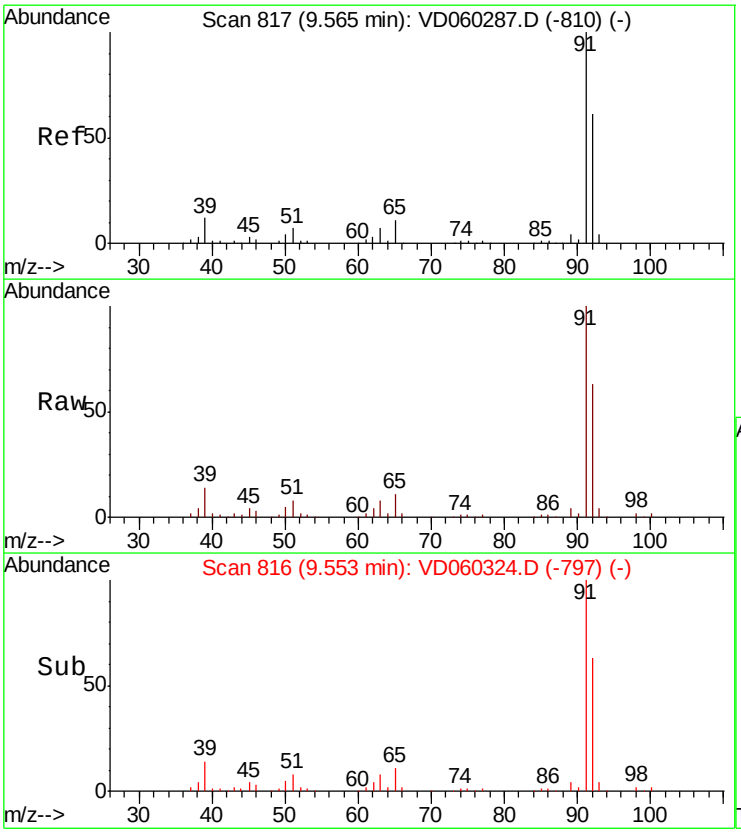
#51
4-Methyl-2-Pentanone
Concen: 1.672 ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.11 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Instrument : MSVOA_D
ClientSampleId : W-1-D

Tgt Ion: 43 Resp: 10182

Ion	Ratio	Lower	Upper
43	100		
58	141.8	26.1	39.1#

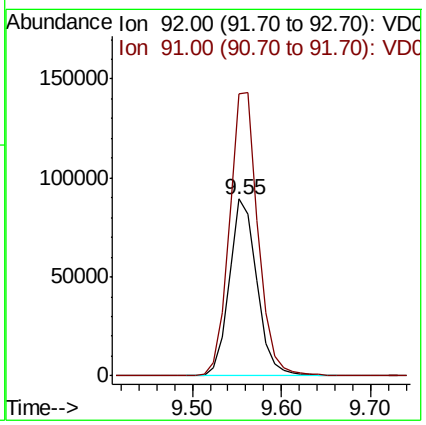


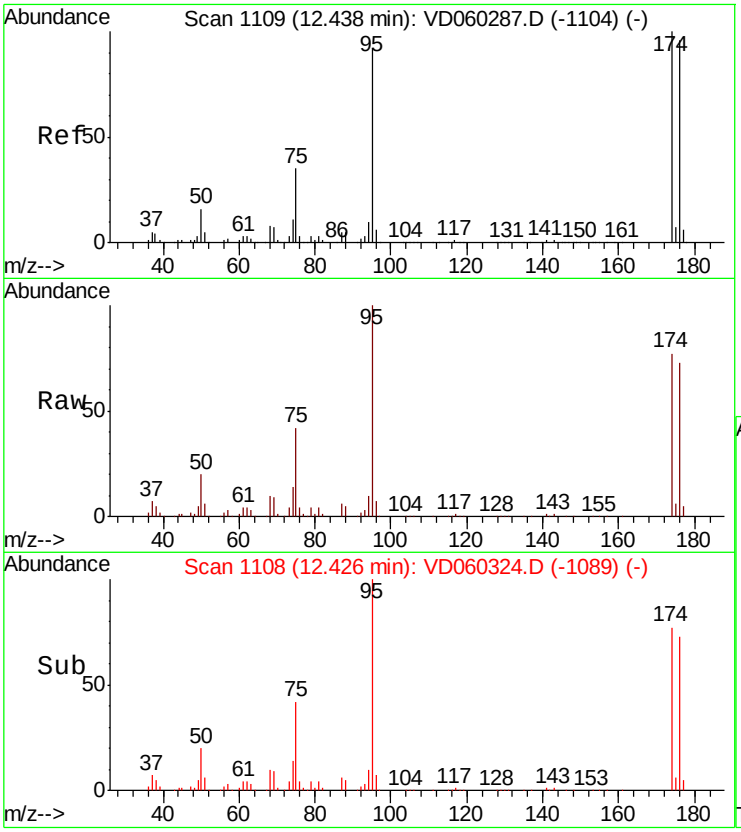


#52
Toluene
Concen: 7.355 ug/l
RT: 9.55 min Scan# 816
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Tgt Ion: 92 Resp: 194127

Ion	Ratio	Lower	Upper
92	100		
91	159.3	131.9	197.9



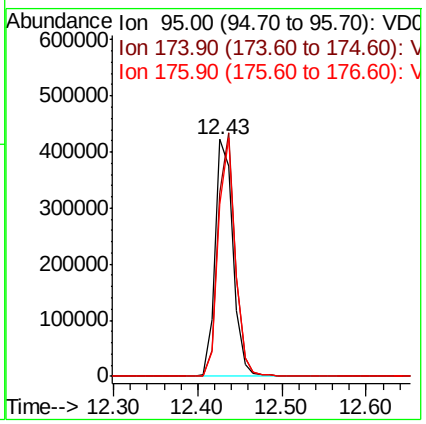


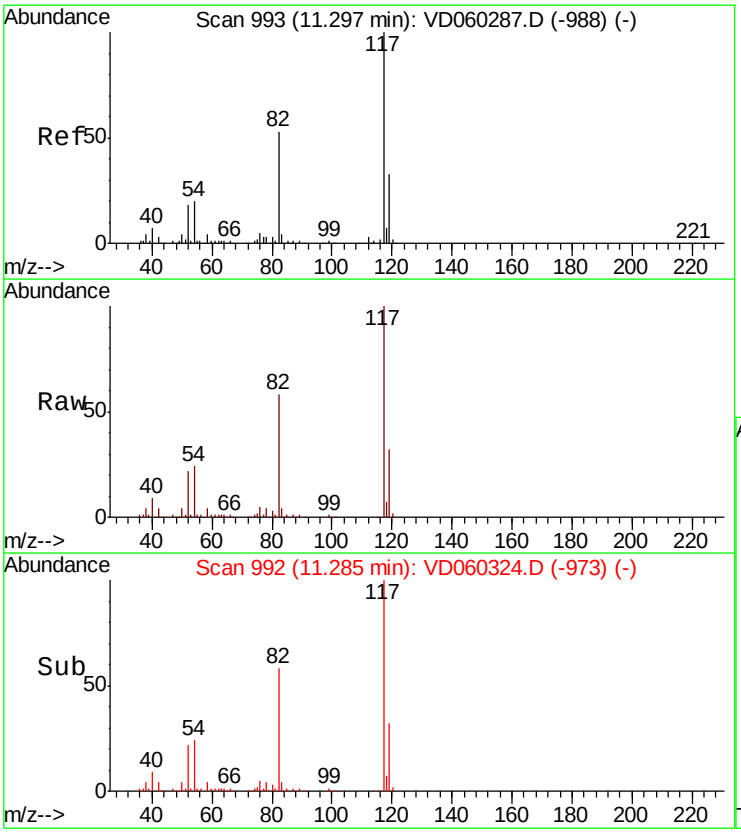
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Instrument :
MSVOA_D
ClientSampleId :
W-1-D

Tgt Ion: 95 Resp: 621965

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	160.8
176	72.6	0.0	154.6

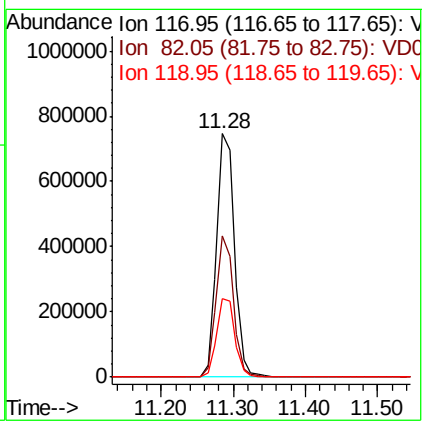


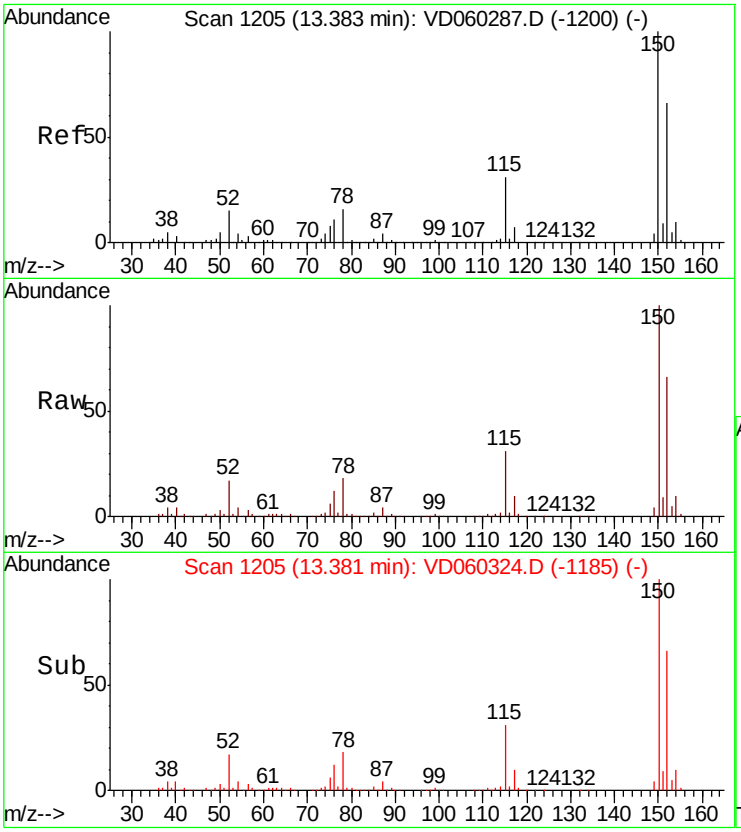


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Tgt Ion:117 Resp: 1269387

Ion	Ratio	Lower	Upper
117	100		
82	58.2	43.7	65.5
119	32.2	26.1	39.1



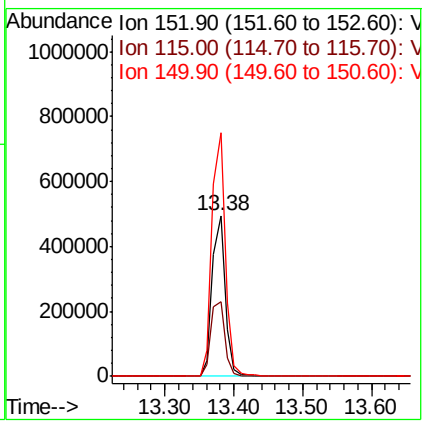


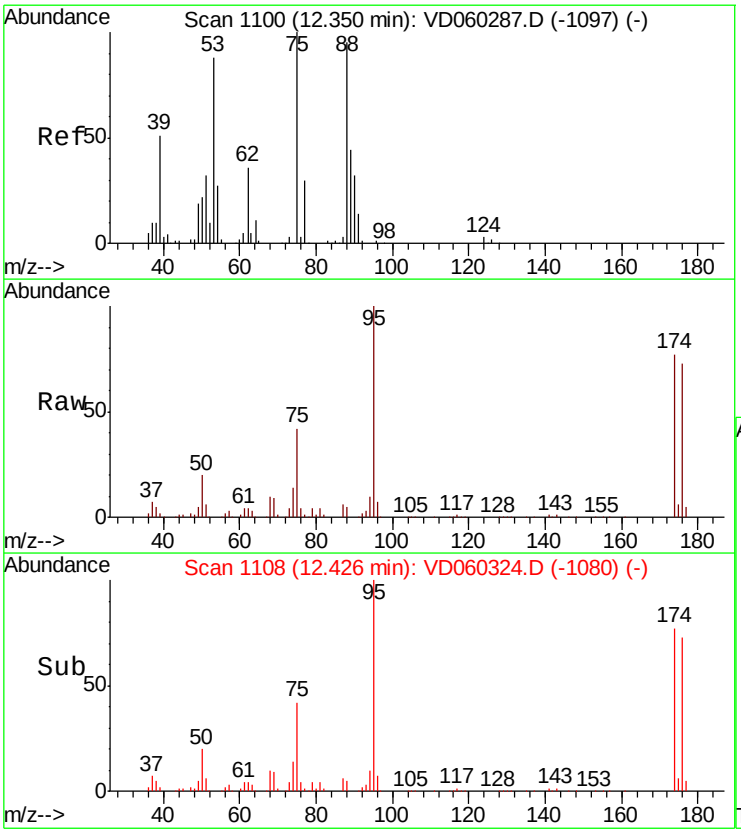
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Instrument :
MSVOA_D
ClientSampleId :
W-1-D

Tgt Ion:152 Resp: 651832

Ion	Ratio	Lower	Upper
152	100		
115	46.6	24.1	72.3
150	151.6	0.0	310.6





#81
trans-1,4-Dichloro-2-butene
Concen: 117.326 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.08 min
Lab File: VD060324.D
Acq: 9 Nov 2018 20:52

Tgt Ion: 75 Resp: 260454

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	103.0#
89	0.0	34.1	51.1#