

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060155.D
 Acq On : 9 Oct 2018 17:10
 Operator : VA/AP
 Sample : J5201-03
 Misc : 5.85g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-100818-B

Quant Time: Oct 10 01:15:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

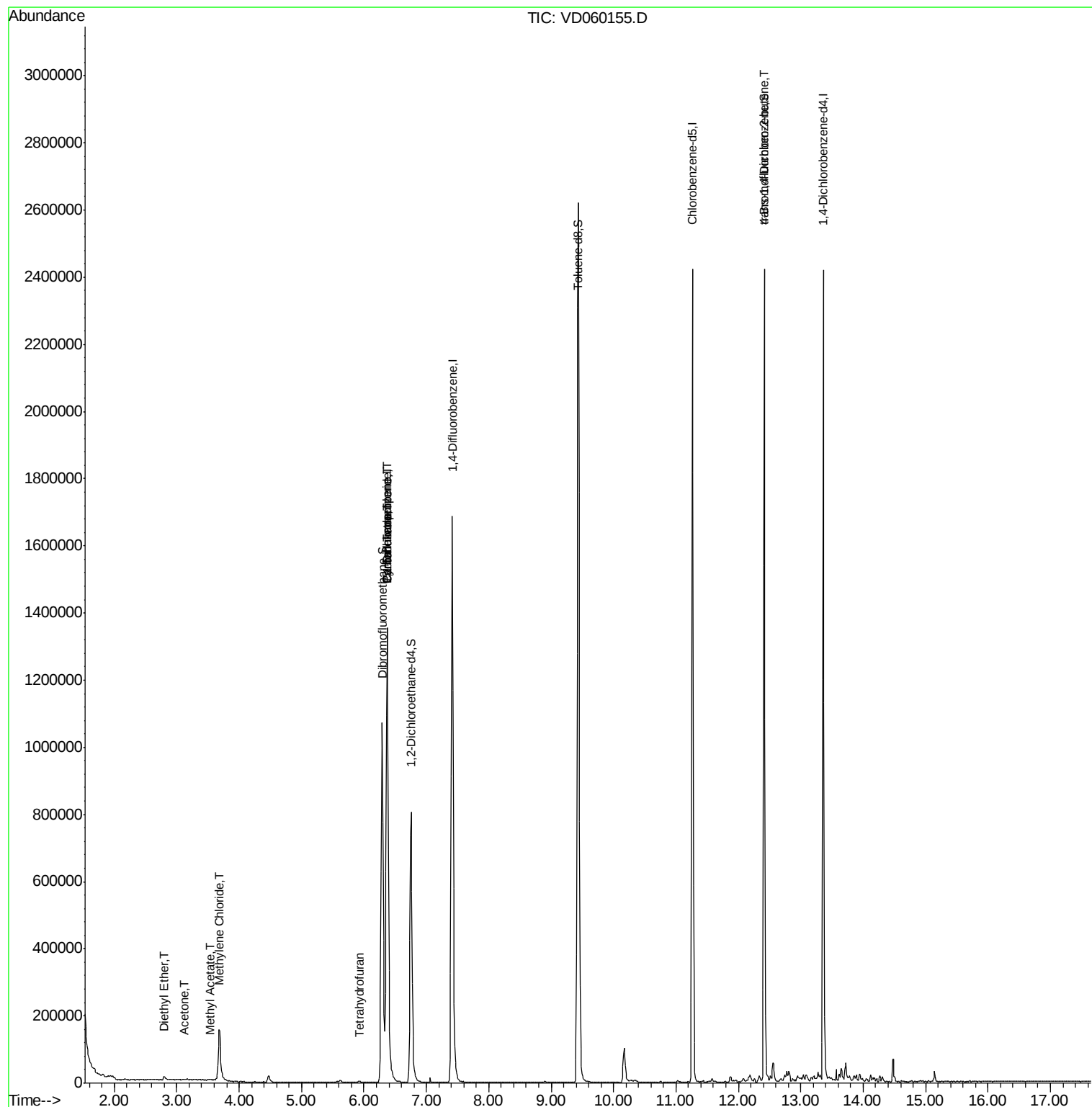
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1330321	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	1799461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.26	117	1281711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	530582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	650826	64.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.08%	
35) Dibromofluoromethane	6.29	113	843270	61.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.42%	
50) Toluene-d8	9.43	98	2128278	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
62) 4-Bromofluorobenzene	12.42	95	650656	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.79	74	3370	1.482	ug/l	89
16) Acetone	3.13	43	6258	3.420	ug/l #	54
18) Methyl Acetate	3.52	43	5657	1.438	ug/l #	63
20) Methylene Chloride	3.69	84	95862	2.577	ug/l	98
29) Tetrahydrofuran	5.92	42	3077	1.159	ug/l #	46
31) Cyclohexane	6.37	56	22917	1.049	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	89810	5.223	ug/l #	47
38) Carbon Tetrachloride	6.37	117	100578	6.444	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.42	75	263262	122.617	ug/l #	13

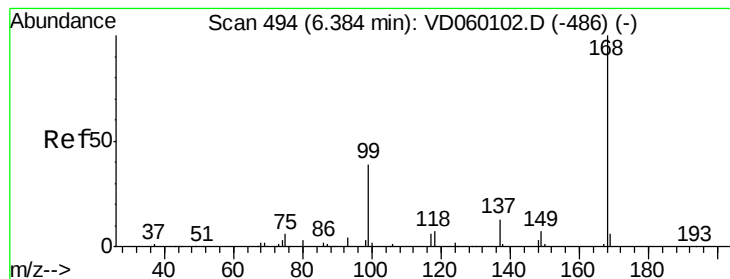
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100918\
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Quant Time: Oct 10 01:15:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

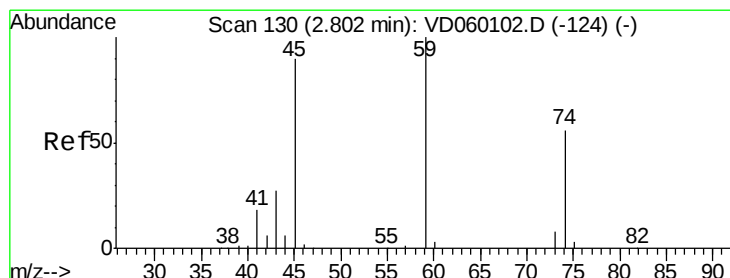
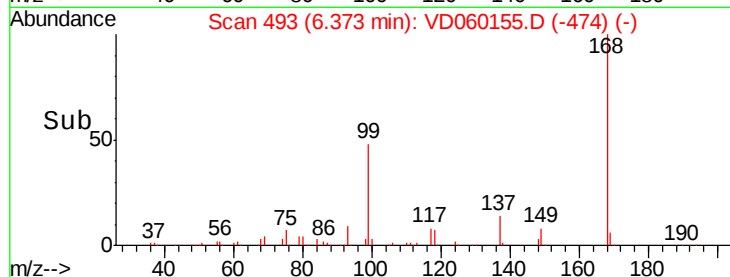
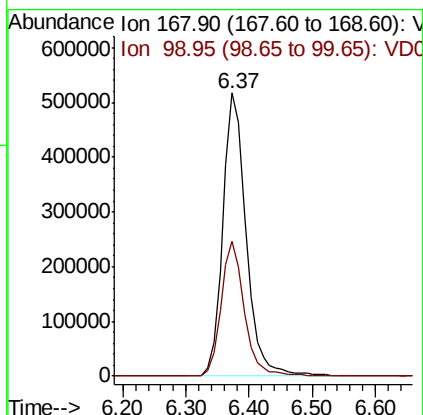
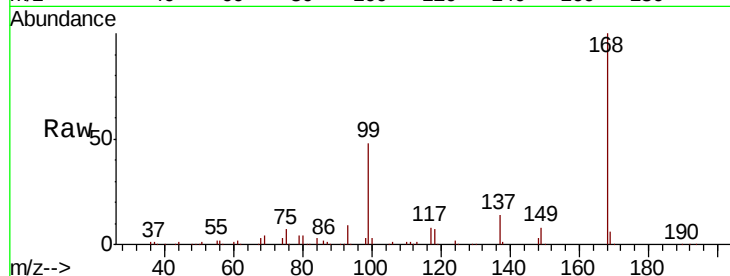




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.37 min Scan# 493
Delta R.T. -0.01 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

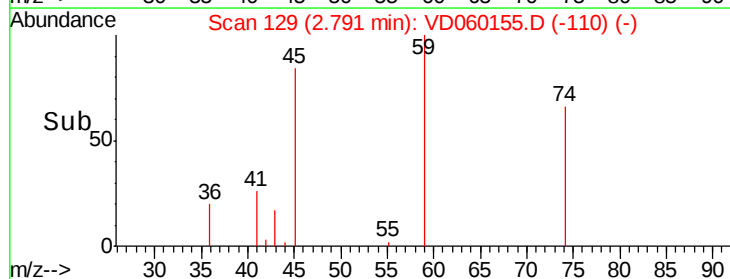
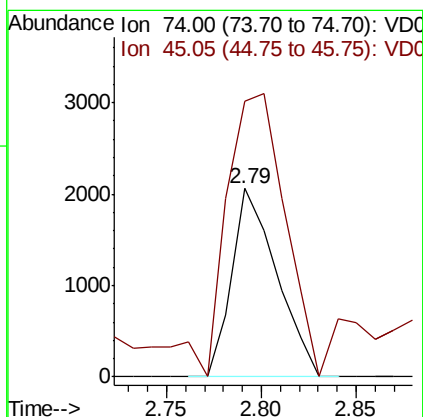
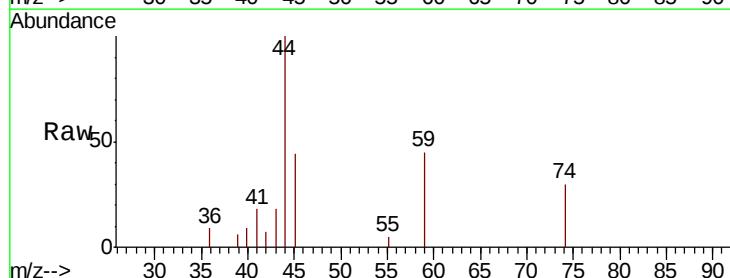
Instrument :
MSVOA_D
ClientSampleId :
EO-02-100818-B

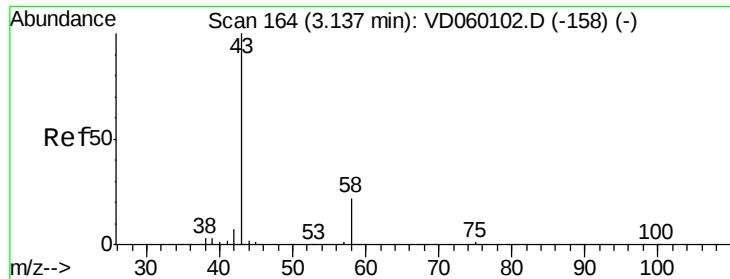
Tot Ion:168 Resp: 1330321
Ion Ratio Lower Upper
168 100
99 47.8 35.4 53.0



#8
Diethyl Ether
Concen: 1.482 ug/l
RT: 2.79 min Scan# 129
Delta R.T. -0.01 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

Tgt Ion: 74 Resp: 3370
Ion Ratio Lower Upper
74 100
45 146.5 80.3 241.0





#16

Acetone

Concen: 3.420 ug/l

RT: 3.13 min Scan# 163

Delta R.T. -0.01 min

Lab File: VD060155.D

Acq: 9 Oct 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

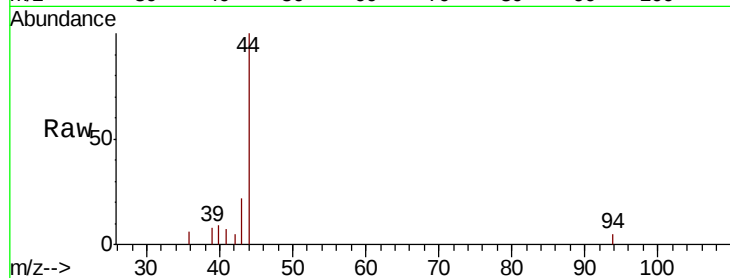
EO-02-100818-B

Tot Ion: 43 Resp: 6258

Ion Ratio Lower Upper

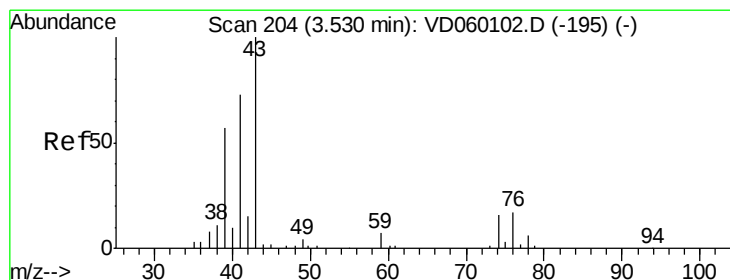
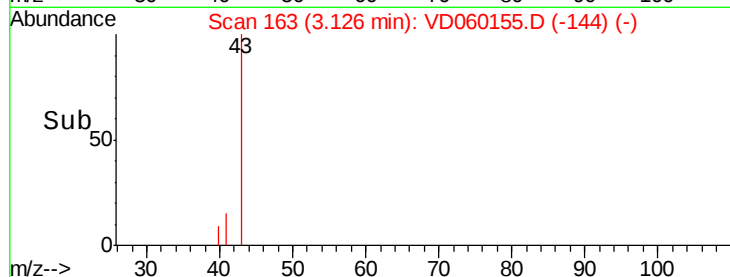
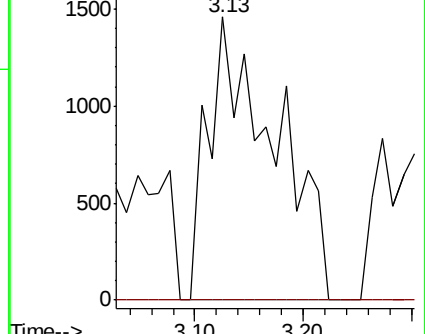
43 100

58 0.0 17.7 26.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 1.438 ug/l

RT: 3.52 min Scan# 203

Delta R.T. -0.01 min

Lab File: VD060155.D

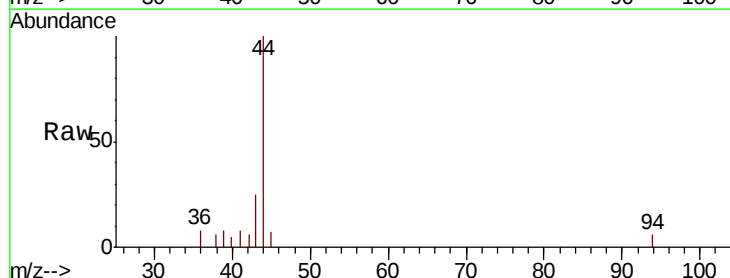
Acq: 9 Oct 2018 17:10

Tgt Ion: 43 Resp: 5657

Ion Ratio Lower Upper

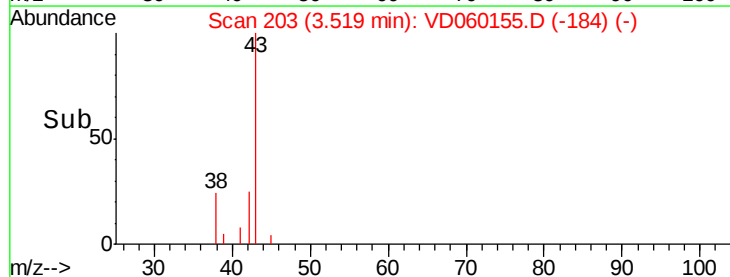
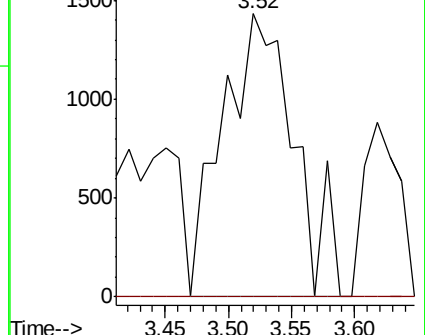
43 100

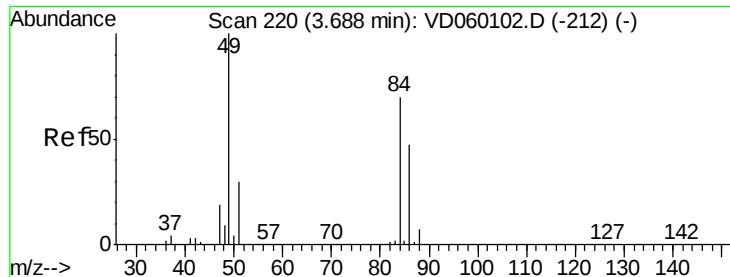
74 0.0 12.6 19.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

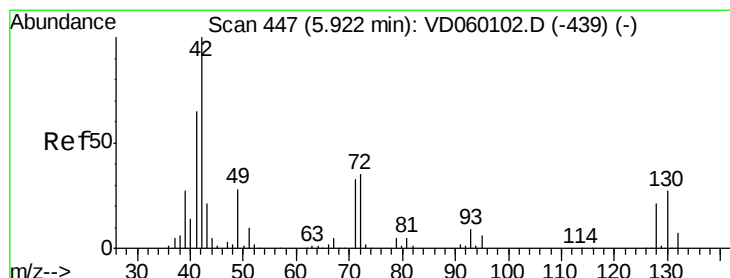
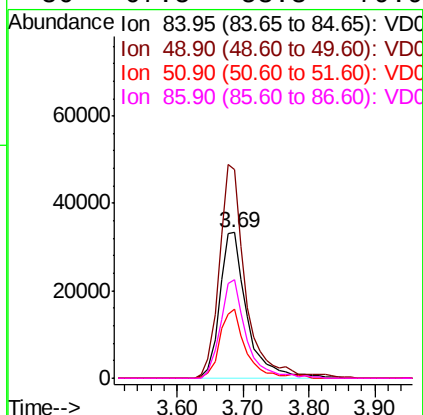
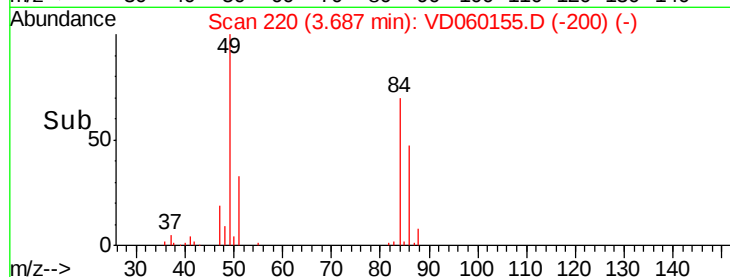
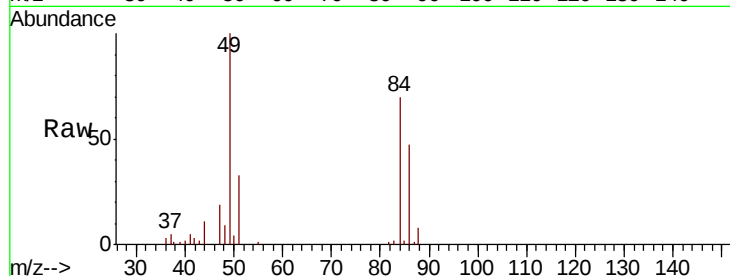




#20
Methvlene Chloride
Concen: 2.577 ug/l
RT: 3.69 min Scan# 220
Delta R.T. -0.00 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

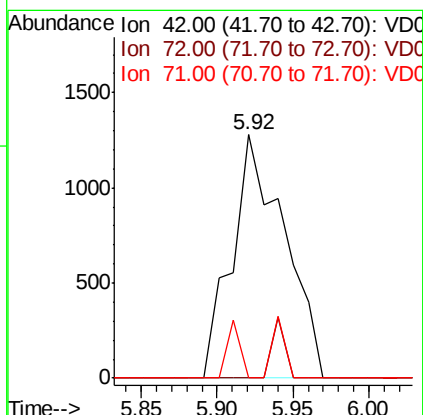
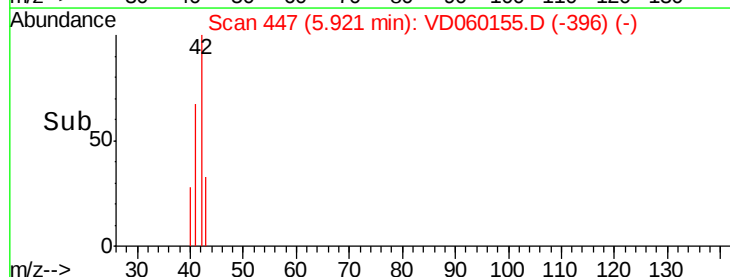
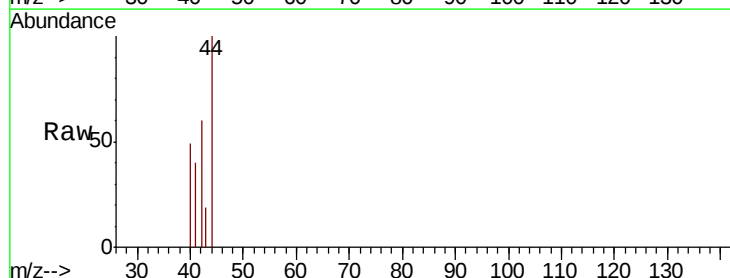
Instrument :
MSVOA_D
ClientSampleId :
EO-02-100818-B

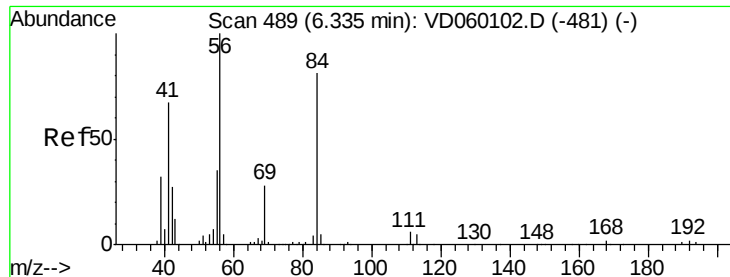
Tot Ion:	84	Resp:	95862
Ion	Ratio	Lower	Upper
84	100		
49	143.2	114.6	172.0
51	47.8	33.8	50.8
86	67.5	53.3	79.9



#29
Tetrahydrofuran
Concen: 1.159 ug/l
RT: 5.92 min Scan# 447
Delta R.T. -0.00 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

Tgt Ion:	42	Resp:	3077
Ion	Ratio	Lower	Upper
42	100		
72	0.0	26.9	40.3#
71	5.9	26.7	40.1#

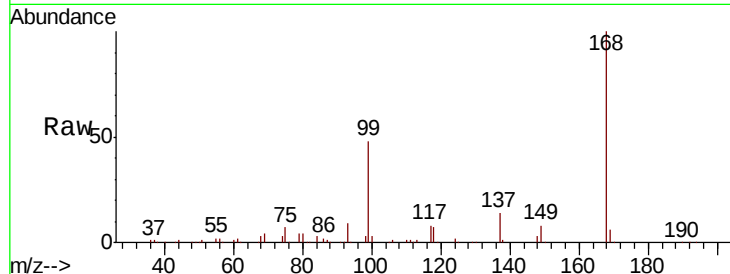




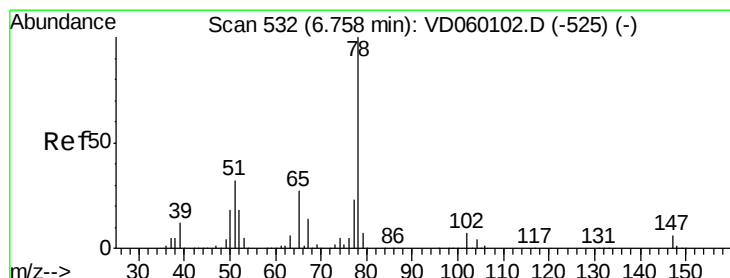
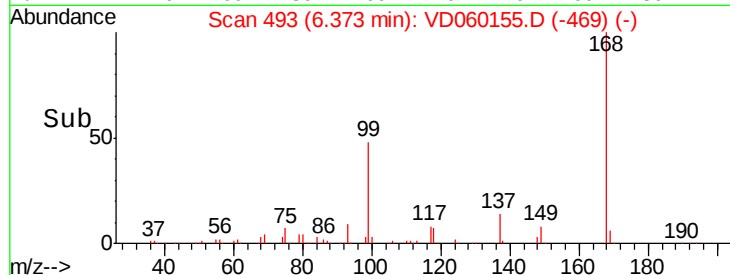
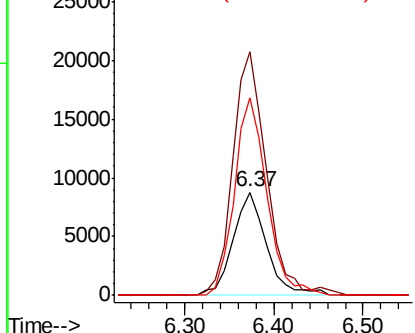
#31
Cyclohexane
Concen: 1.049 ug/l
RT: 6.37 min Scan# 493
Delta R.T. 0.04 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

Instrument :
MSVOA_D
ClientSampleId :
EO-02-100818-B

Tot Ion: 56 Resp: 22917
Ion Ratio Lower Upper
56 100
69 235.4 22.8 34.2#
84 190.6 64.9 97.3#

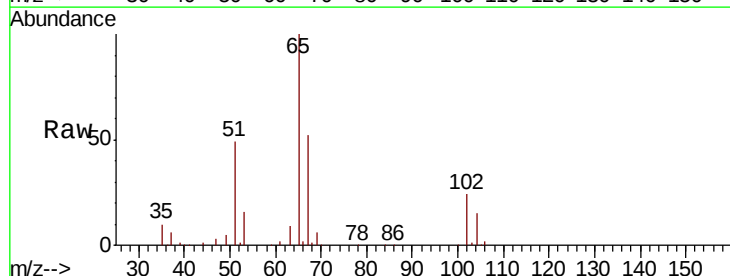


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

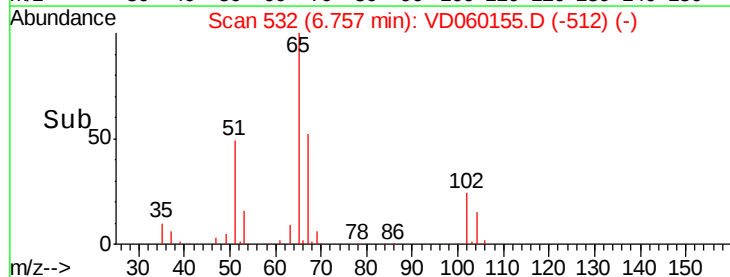
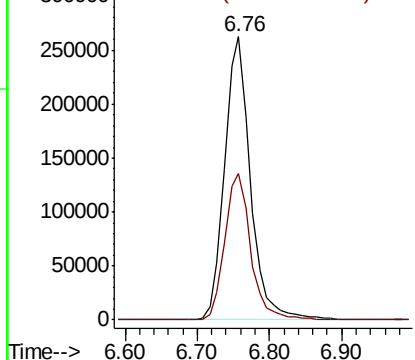


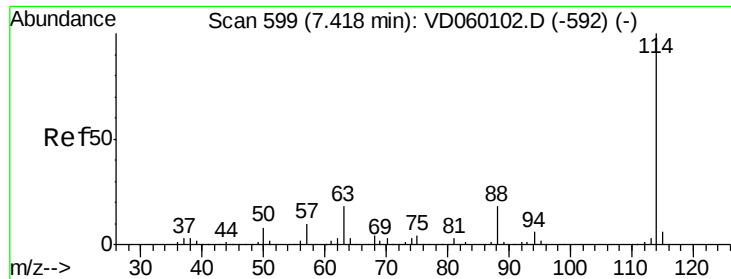
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.00 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

Tgt Ion: 65 Resp: 650826
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

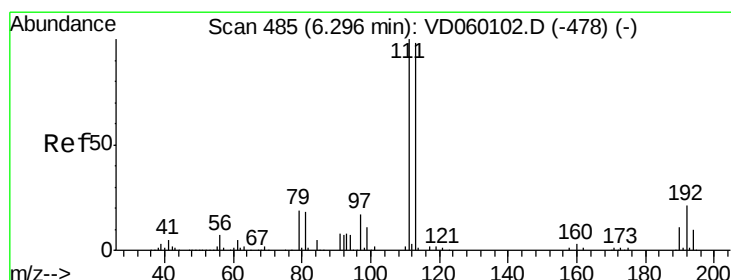
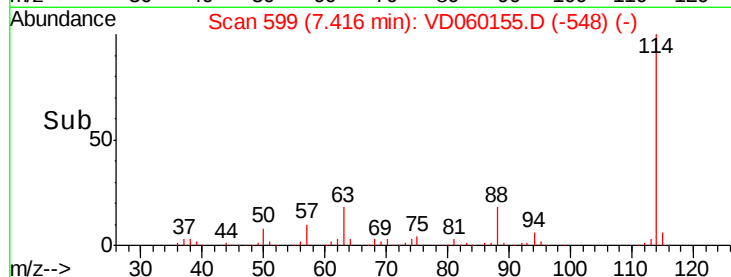
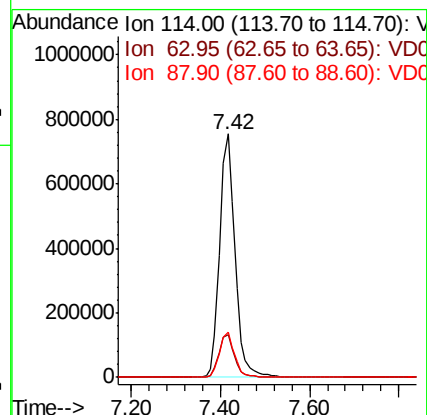
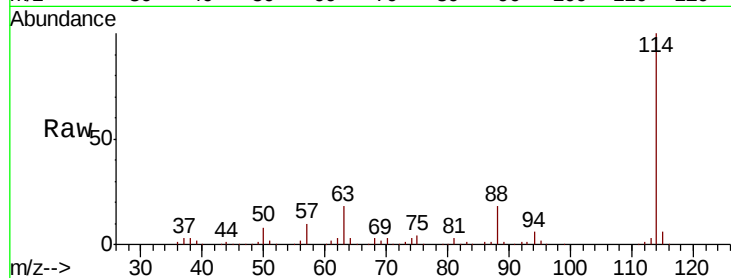




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: VD060155.D
 Acq: 9 Oct 2018 17:10

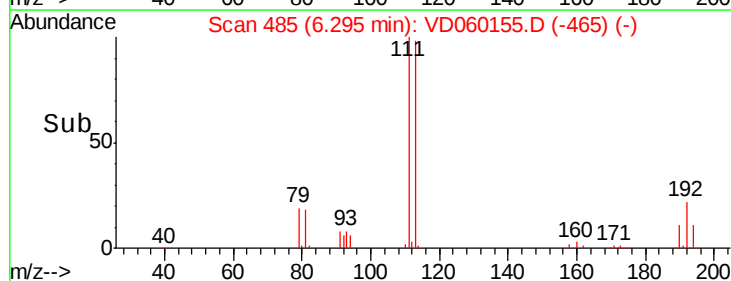
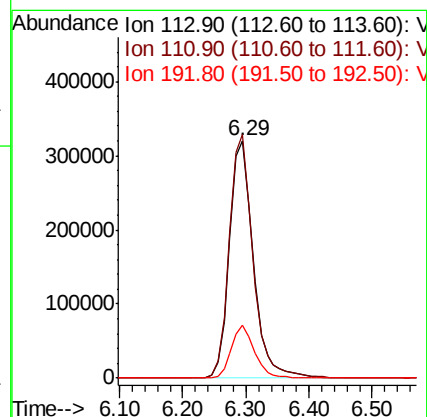
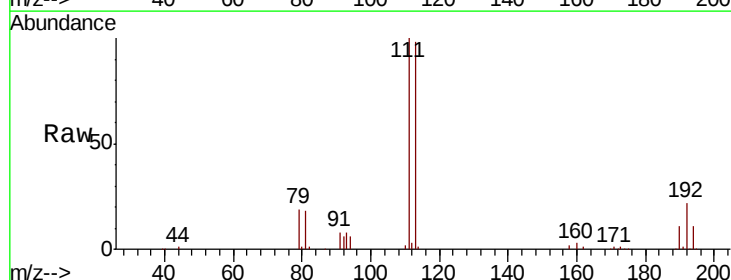
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-100818-B

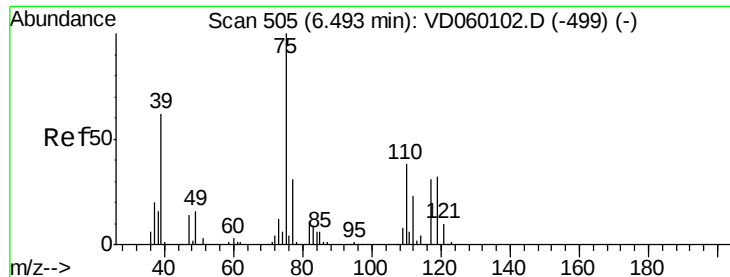
Tot Ion:114 Resp: 1799461
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.0
 88 18.4 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.29 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VD060155.D
 Acq: 9 Oct 2018 17:10

Tgt Ion:113 Resp: 843270
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 22.3 17.4 26.0





#36

1,1-Dichloropropene

Concen: 5.223 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.12 min

Lab File: VD060155.D

Acq: 9 Oct 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

EO-02-100818-B

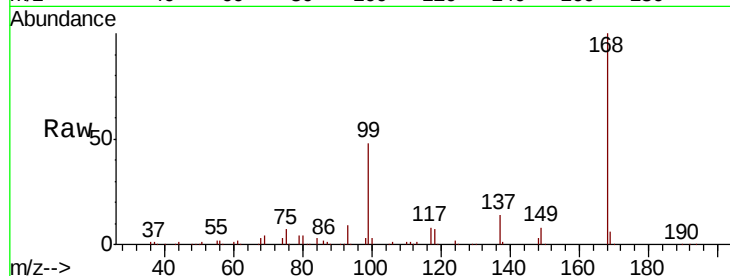
Tot Ion: 75 Resp: 89810

Ion Ratio Lower Upper

75 100

110 7.6 19.0 57.0#

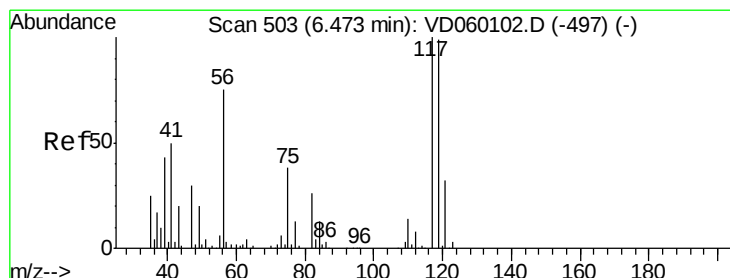
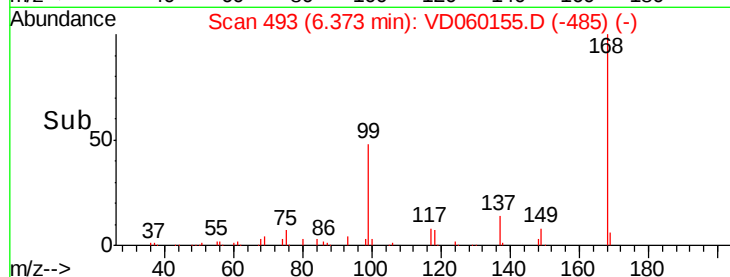
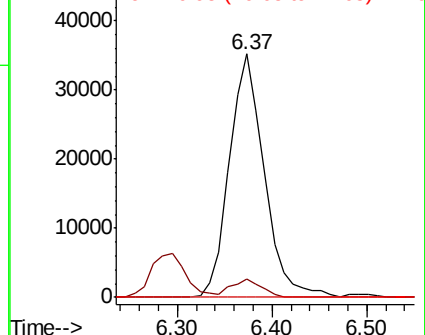
77 0.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VD060102.D (-499) (-)

Ion 109.90 (109.60 to 110.60): VD060102.D (-499) (-)

Ion 76.95 (76.65 to 77.65): VD060102.D (-499) (-)



#38

Carbon Tetrachloride

Concen: 6.444 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.10 min

Lab File: VD060155.D

Acq: 9 Oct 2018 17:10

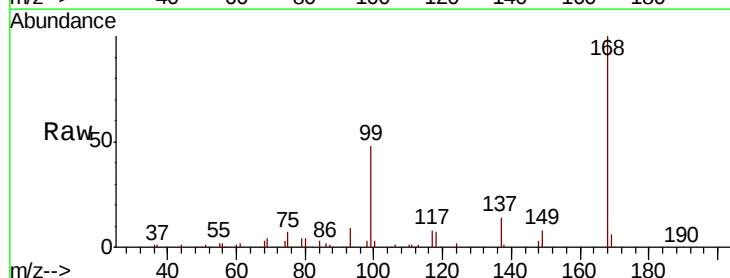
Tgt Ion: 117 Resp: 100578

Ion Ratio Lower Upper

117 100

119 4.7 77.8 116.6#

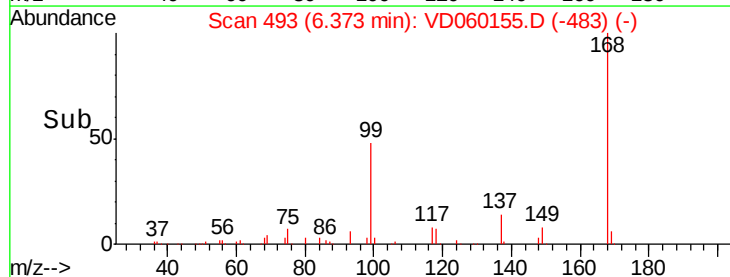
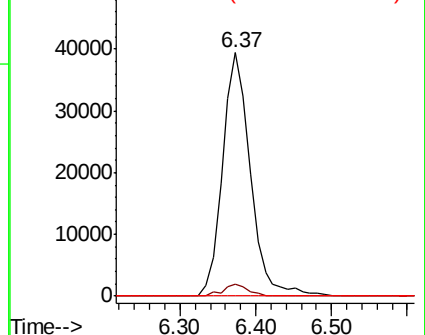
121 0.0 24.8 37.2#

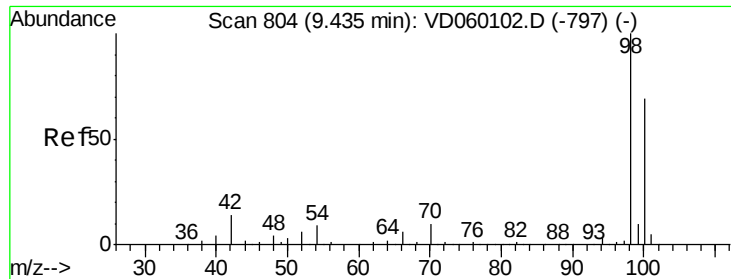


Abundance Ion 116.85 (116.55 to 117.55): VD060102.D (-497) (-)

Ion 118.85 (118.55 to 119.55): VD060102.D (-497) (-)

Ion 120.85 (120.55 to 121.55): VD060102.D (-497) (-)

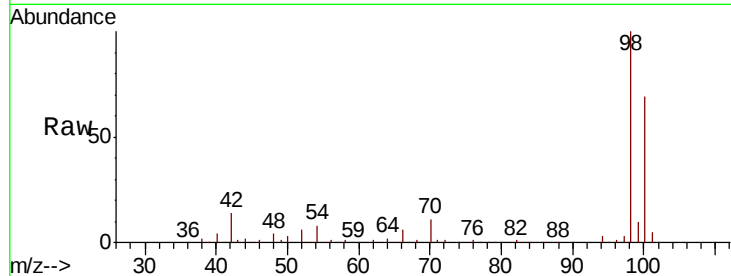




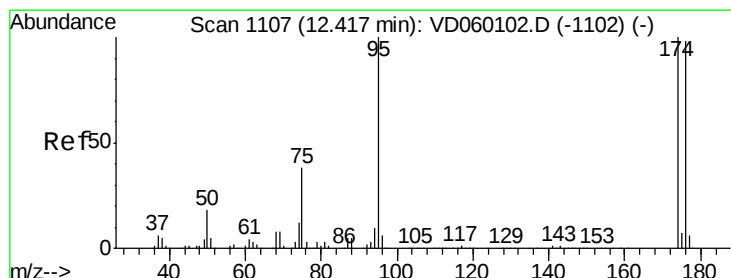
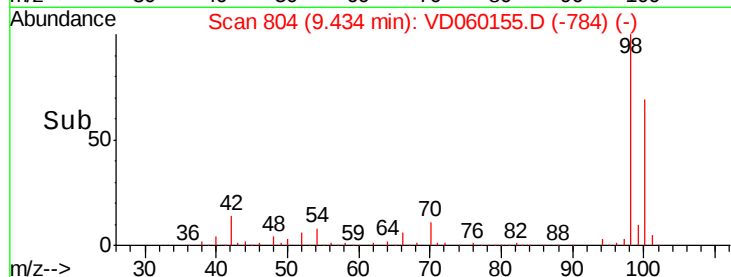
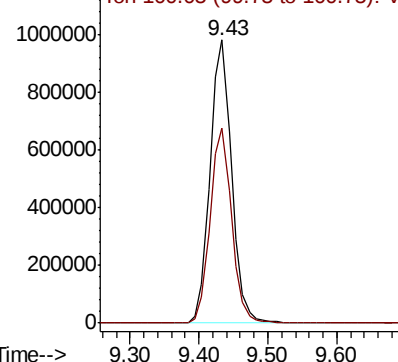
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

Instrument :
MSVOA_D
ClientSampleId :
EO-02-100818-B

Tot Ion: 98 Resp: 2128278
Ion Ratio Lower Upper
98 100
100 69.1 55.4 83.0

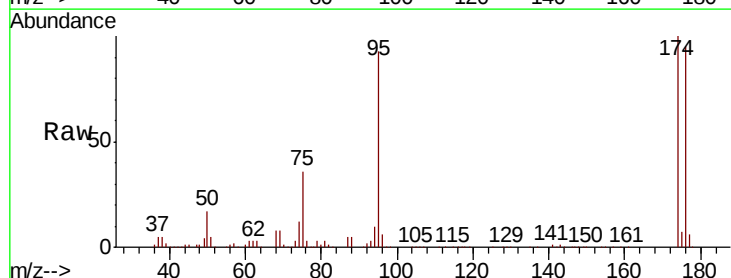


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

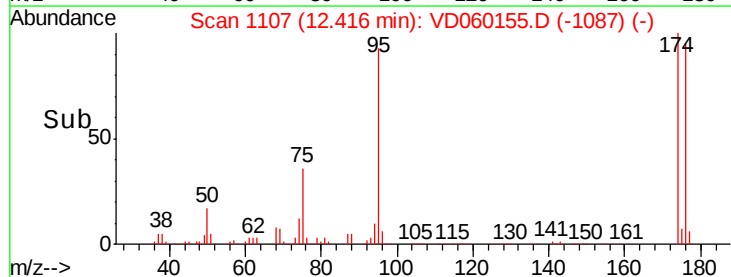
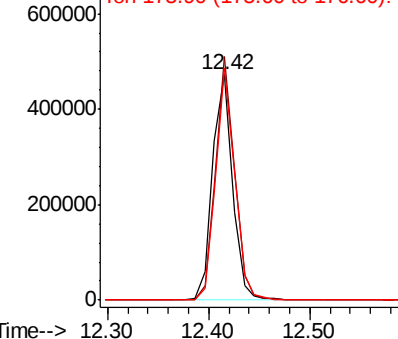


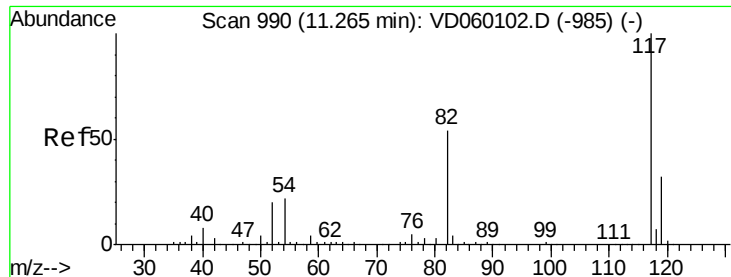
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

Tgt Ion: 95 Resp: 650656
Ion Ratio Lower Upper
95 100
174 107.9 0.0 200.2
176 102.8 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

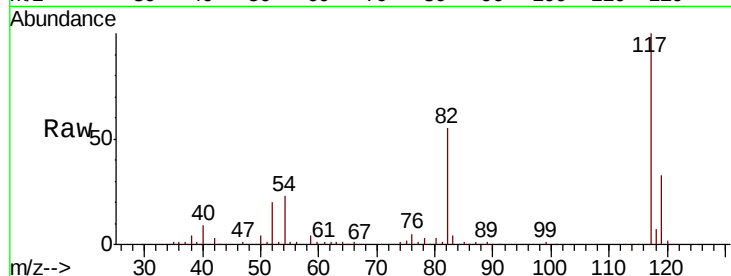




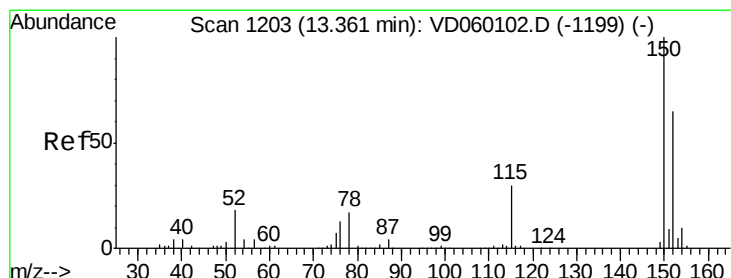
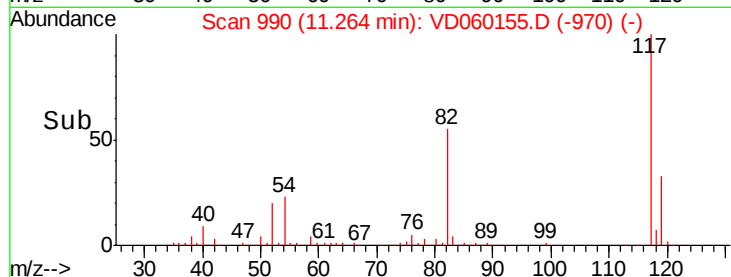
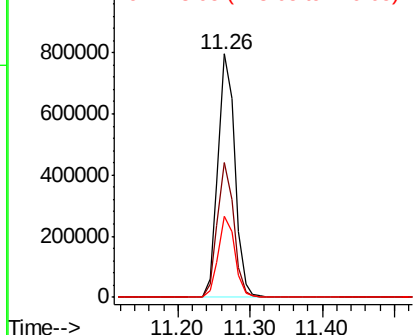
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

Instrument :
MSVOA_D
ClientSampleId :
EO-02-100818-B

Tot Ion:117 Resp: 1281711
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.2
119 33.3 26.0 39.0

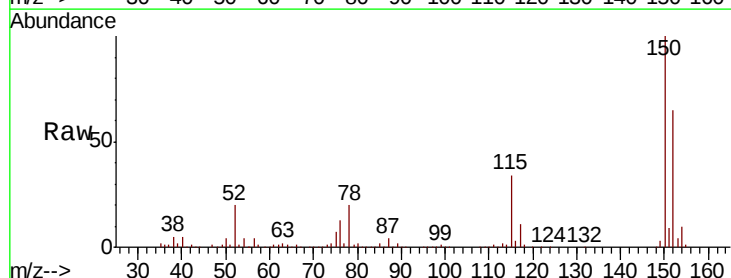


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

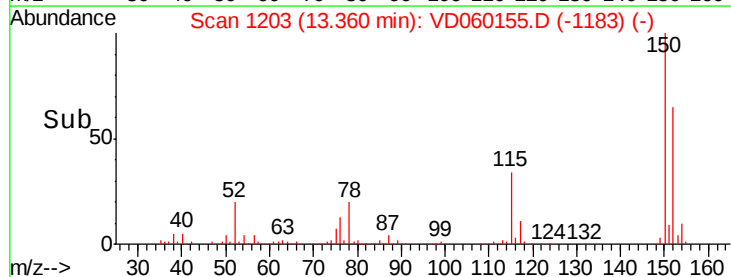
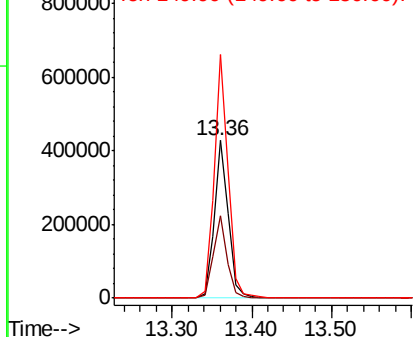


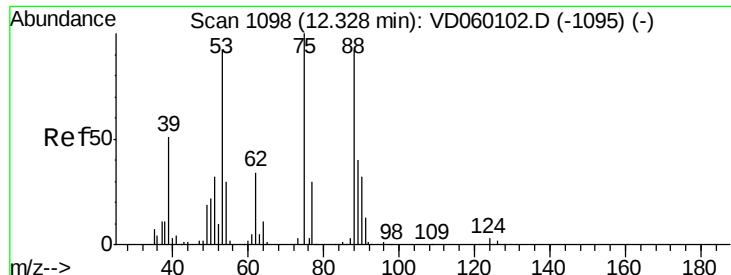
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060155.D
Acq: 9 Oct 2018 17:10

Tgt Ion:152 Resp: 530582
Ion Ratio Lower Upper
152 100
115 51.9 27.1 81.2
150 154.3 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 122.617 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060155.D

Acq: 9 Oct 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

EO-02-100818-B

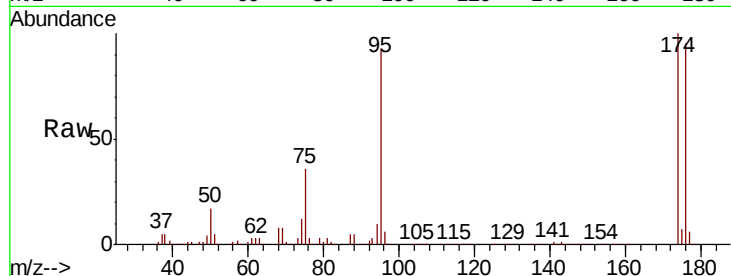
Tot Ion: 75 Resp: 263262

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

