

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121018\
 Data File : VD060519.D
 Acq On : 10 Dec 2018 12:33
 Operator : VA/AP
 Sample : J6196-01
 Misc : 6.79g/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-120718-A

Quant Time: Dec 11 07:07:08 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

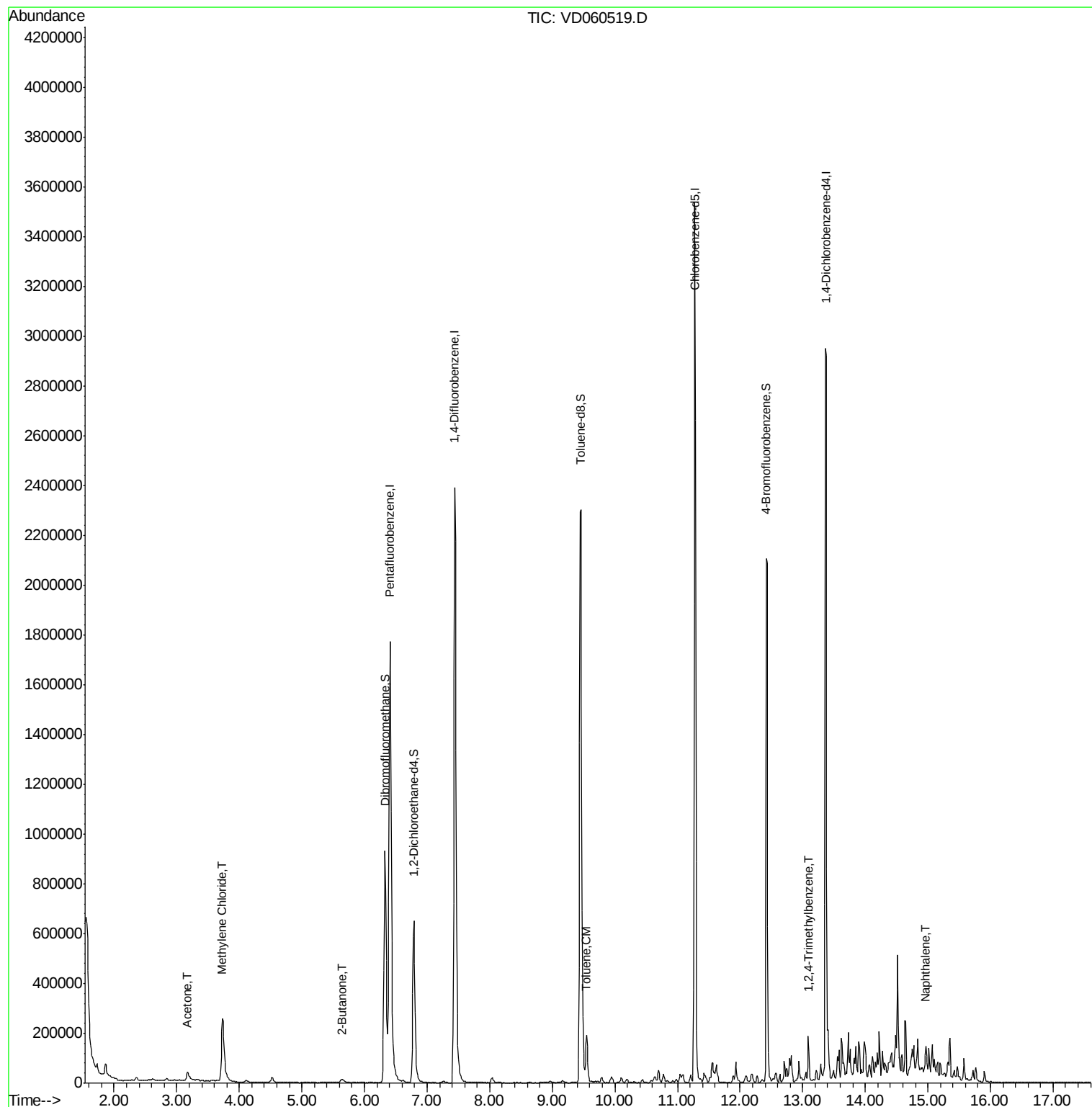
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1819926	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	2582836	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1936795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	777624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	543254	42.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.22%	
35) Dibromofluoromethane	6.33	113	761503	40.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.28%	
50) Toluene-d8	9.46	98	1981993	36.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.20%	
62) 4-Bromofluorobenzene	12.42	95	669637	34.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	68.18%	
Target Compounds						
16) Acetone	3.17	43	76690	37.090	ug/l	Qvalue 100
20) Methylene Chloride	3.73	84	183347	5.694	ug/l	93
25) 2-Butanone	5.63	43	22117	5.437	ug/l	92
52) Toluene	9.55	92	95709	2.373	ug/l	95
84) 1,2,4-Trimethylbenzene	13.09	105	78575	1.805	ug/l	96
95) Naphthalene	14.97	128	51838	2.604	ug/l	99

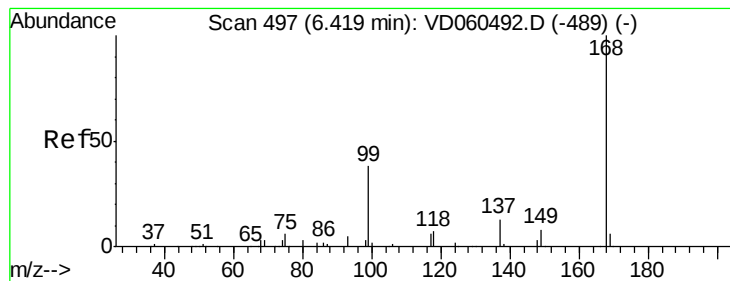
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EO-03-120718-A

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Quant Method : Z:\V0ASRV\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: 6.41 min Scan# 496

Delta R.T. -0.01 min

Lab File: VD060519.D

Acq: 10 Dec 2018 12:33

Instrument :

MSVOA_D

ClientSampleId :

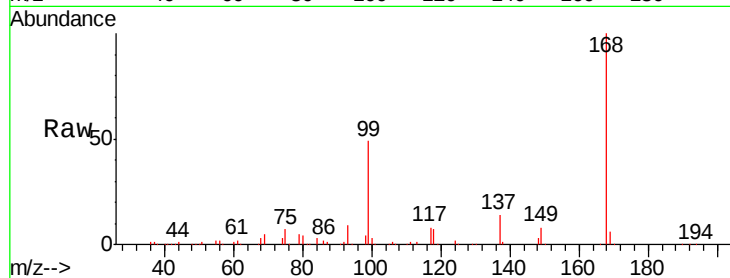
EO-03-120718-A

Tgt Ion:168 Resp: 1819926

Ion Ratio Lower Upper

168 100

99 49.4 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

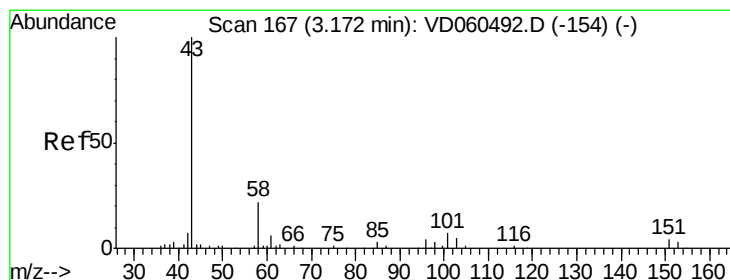
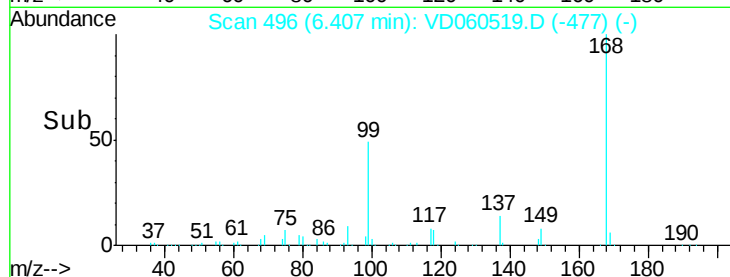
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 37.090 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060519.D

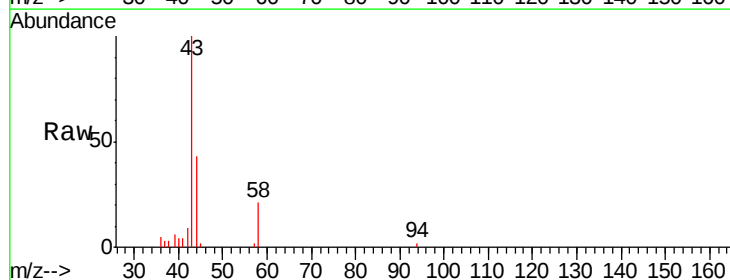
Acq: 10 Dec 2018 12:33

Tgt Ion: 43 Resp: 76690

Ion Ratio Lower Upper

43 100

58 21.5 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

25000

20000

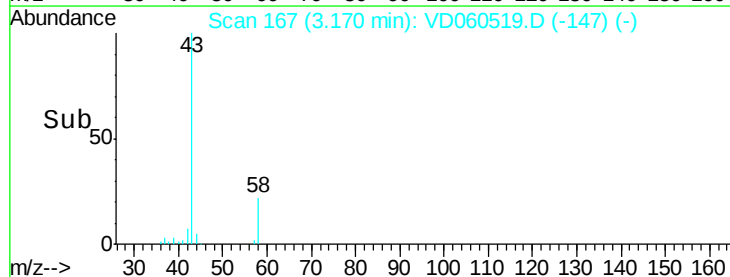
15000

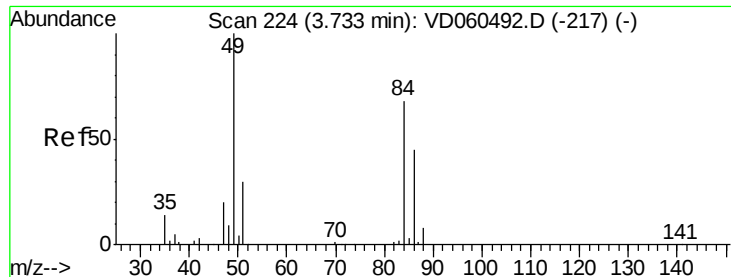
10000

5000

0

Time-->

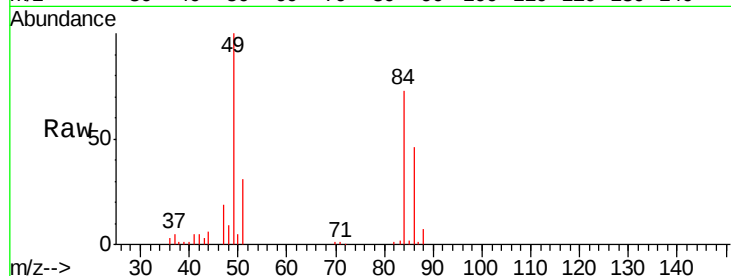




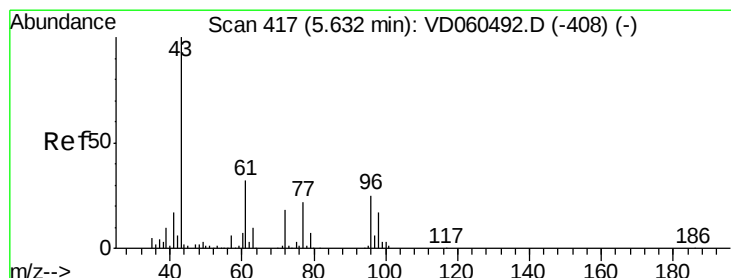
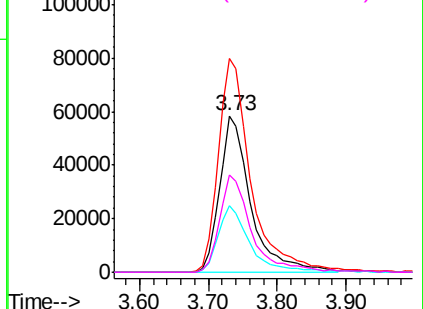
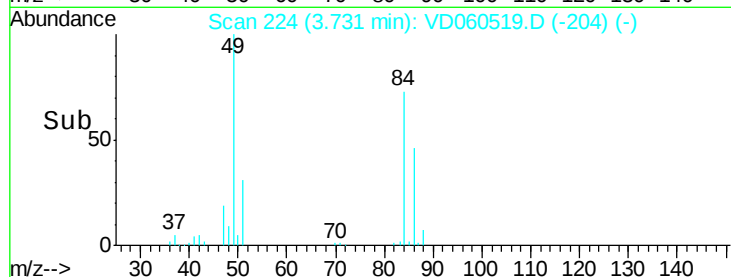
#20
Methylene Chloride
Concen: 5.694 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-A

Tgt Ion: 84 Resp: 183347
Ion Ratio Lower Upper
84 100
49 136.2 117.2 175.8
51 42.3 35.3 52.9
86 62.0 53.2 79.8

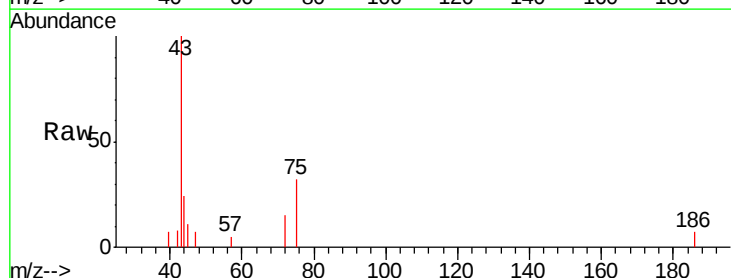


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

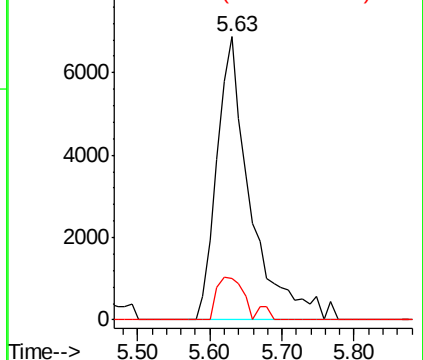
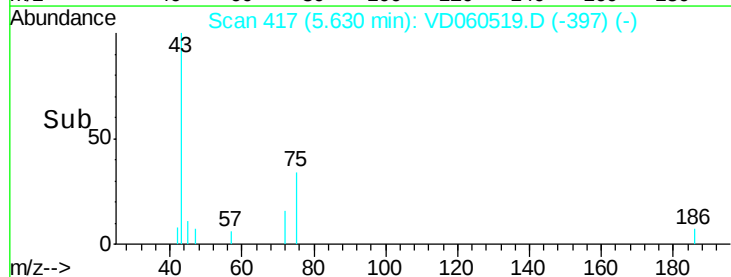


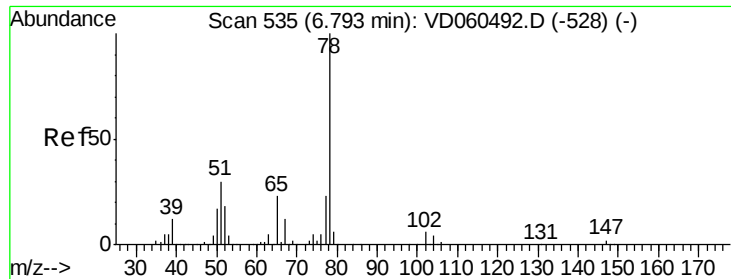
#25
2-Butanone
Concen: 5.437 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Tgt Ion: 43 Resp: 22117
Ion Ratio Lower Upper
43 100
72 14.8 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

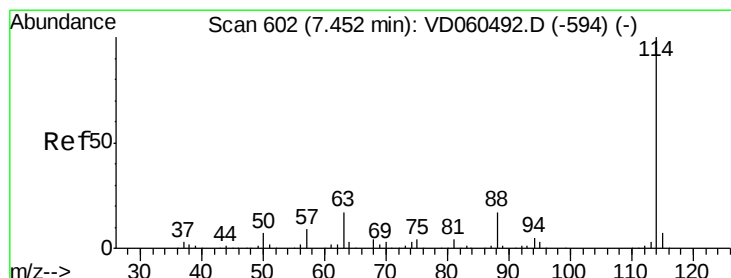
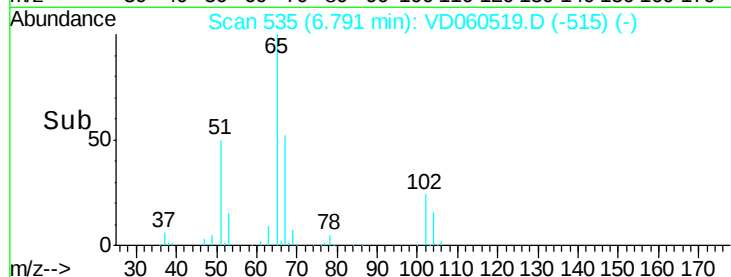
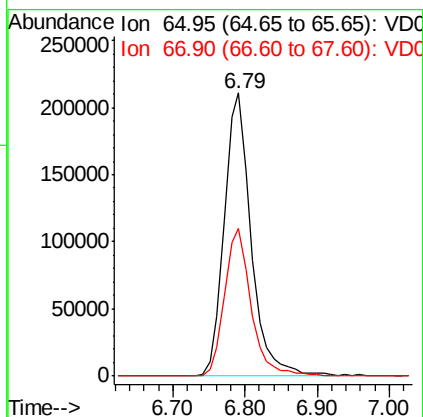
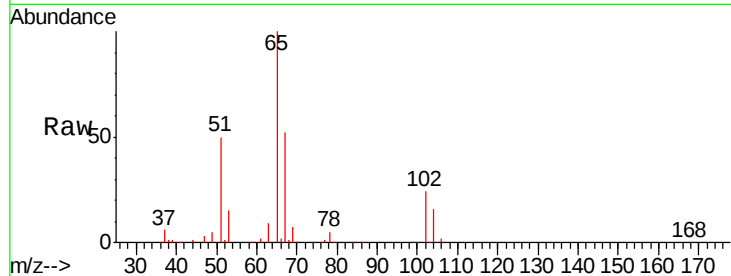




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VD060519.D
 Acq: 10 Dec 2018 12:33

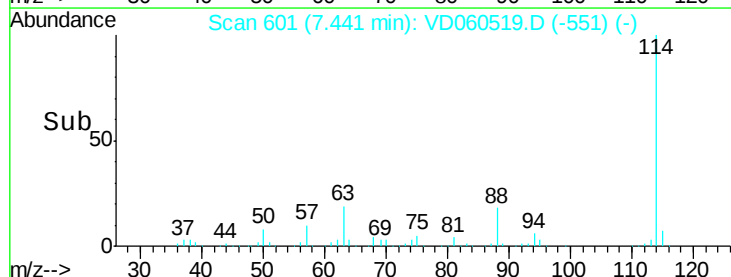
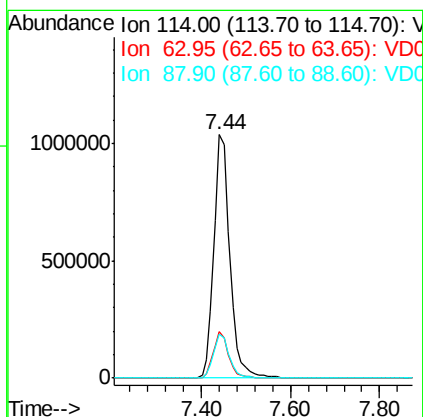
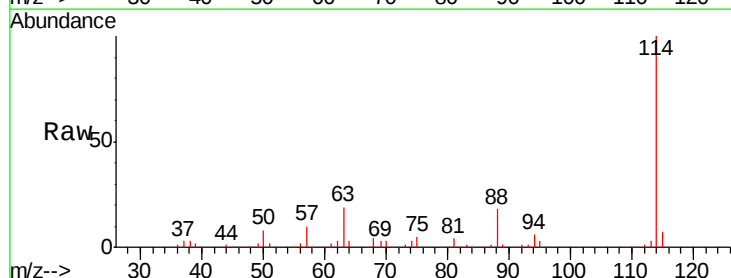
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-120718-A

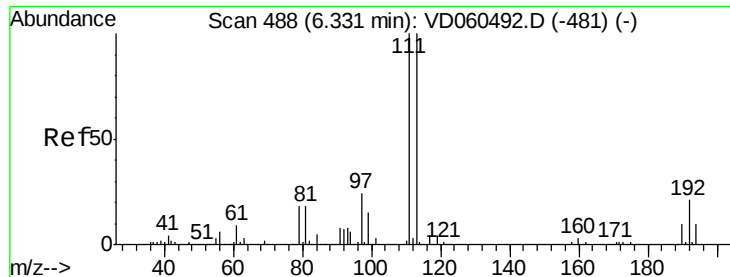
Tgt Ion: 65 Resp: 543254
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VD060519.D
 Acq: 10 Dec 2018 12:33

Tgt Ion: 114 Resp: 2582836
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.2
 88 18.2 0.0 35.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 488

Delta R.T. -0.00 min

Lab File: VD060519.D

Acq: 10 Dec 2018 12:33

Instrument :

MSVOA_D

ClientSampleId :

EO-03-120718-A

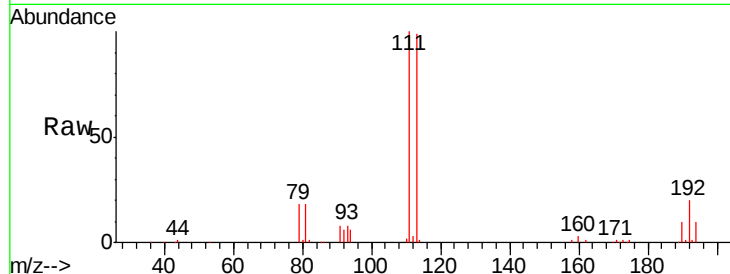
Tgt Ion:113 Resp: 761503

Ion Ratio Lower Upper

113 100

111 101.5 80.2 120.4

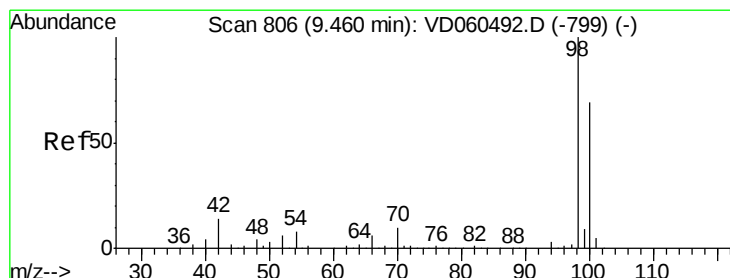
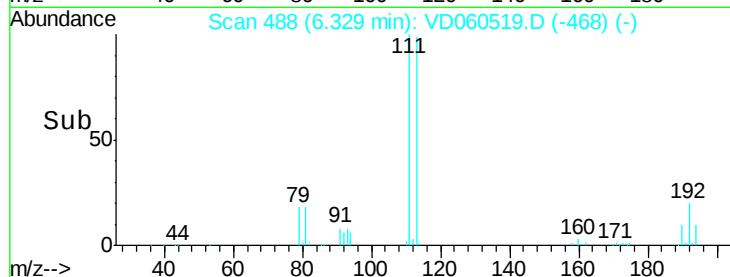
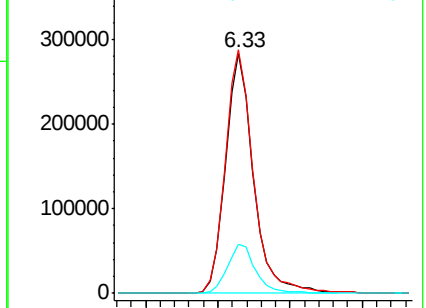
192 20.5 16.6 24.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 806

Delta R.T. -0.00 min

Lab File: VD060519.D

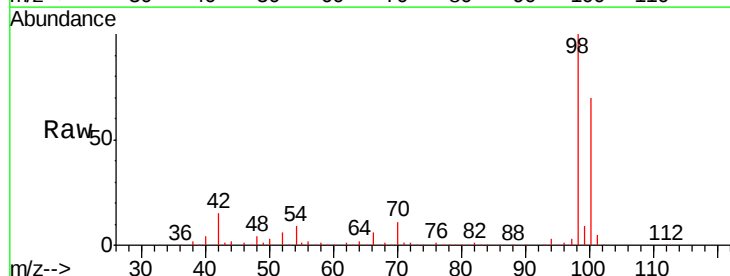
Acq: 10 Dec 2018 12:33

Tgt Ion: 98 Resp: 1981993

Ion Ratio Lower Upper

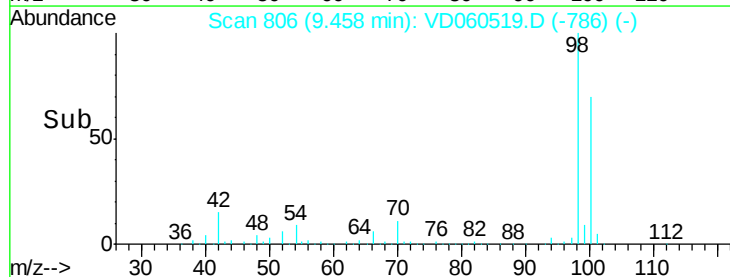
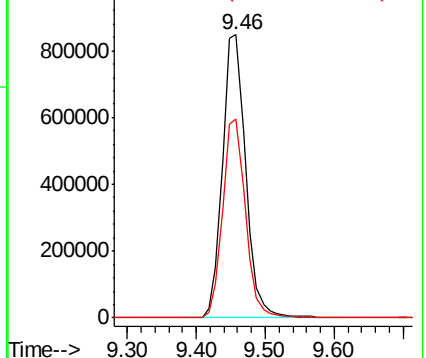
98 100

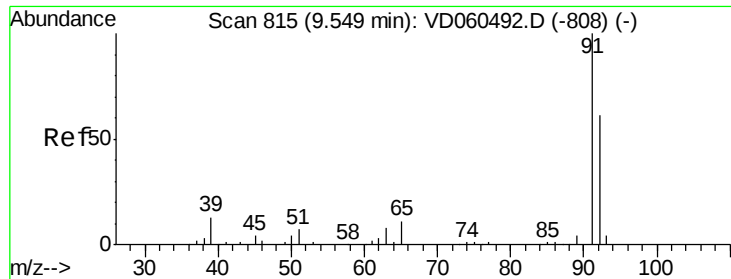
100 70.1 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.373 ug/l

RT: 9.55 min Scan# 815

Delta R.T. -0.00 min

Lab File: VD060519.D

Acq: 10 Dec 2018 12:33

Instrument :

MSVOA_D

ClientSampleId :

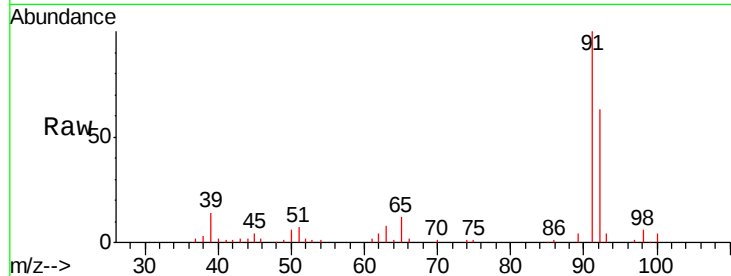
EO-03-120718-A

Tgt Ion: 92 Resp: 95709

Ion Ratio Lower Upper

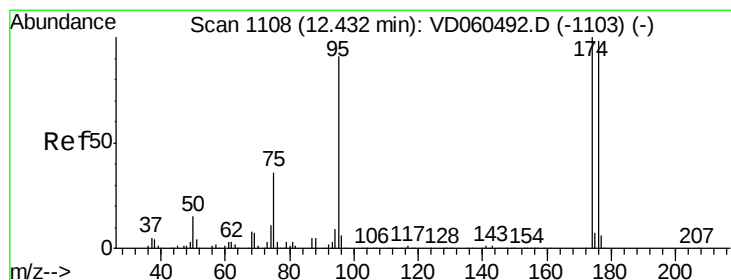
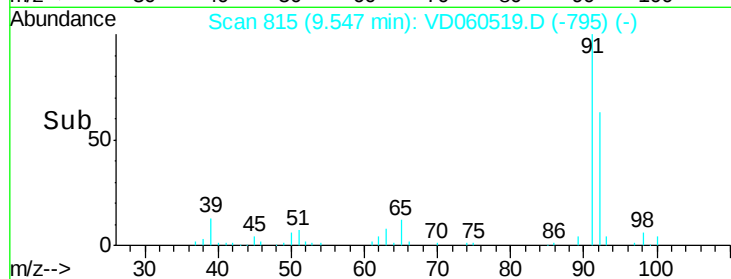
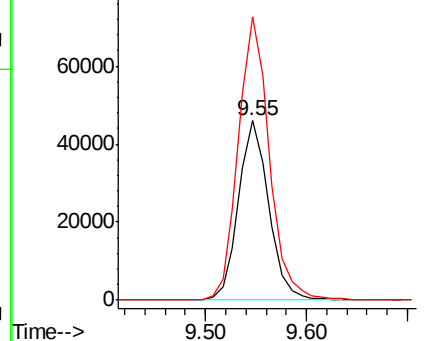
92 100

91 157.7 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060519.D

Acq: 10 Dec 2018 12:33

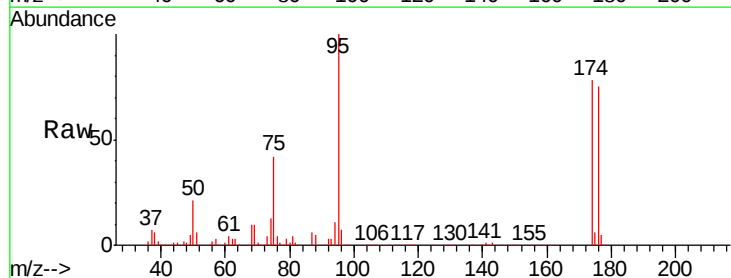
Tgt Ion: 95 Resp: 669637

Ion Ratio Lower Upper

95 100

174 77.9 0.0 219.4

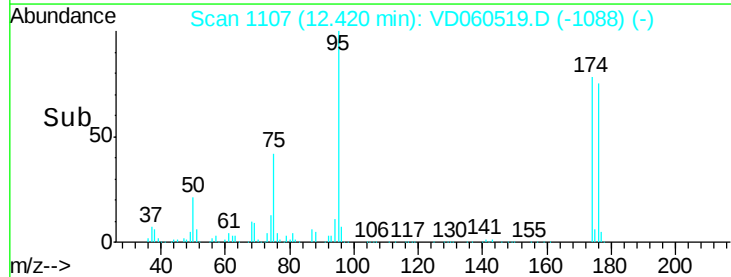
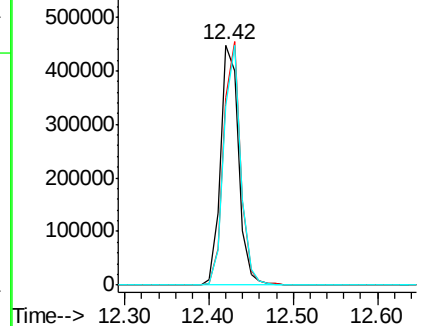
176 75.0 0.0 214.6

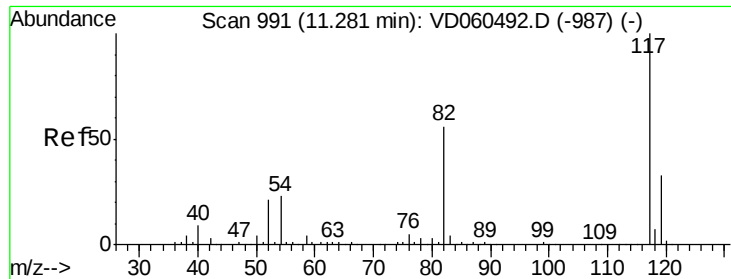


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

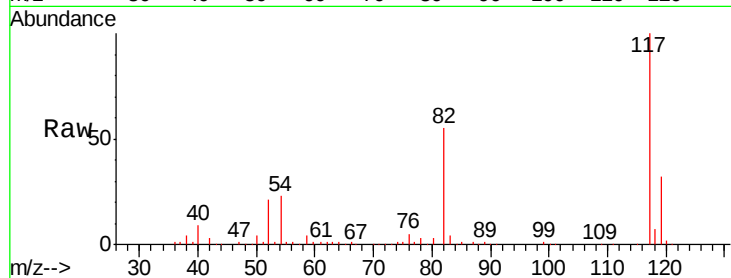




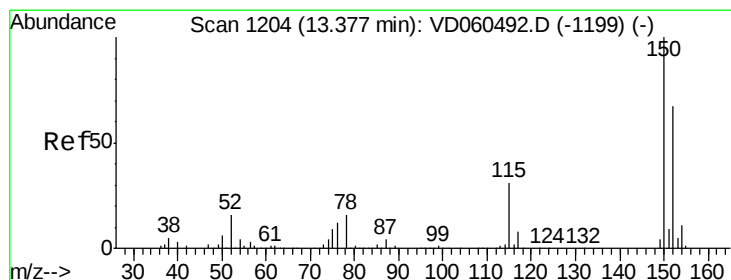
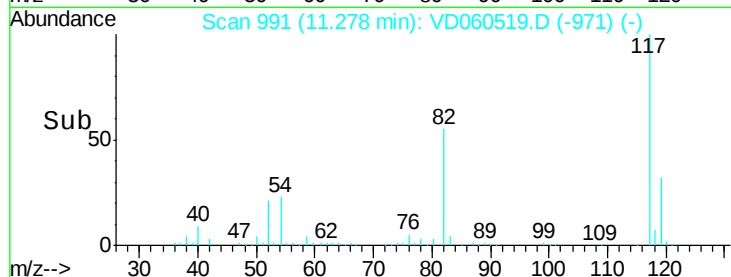
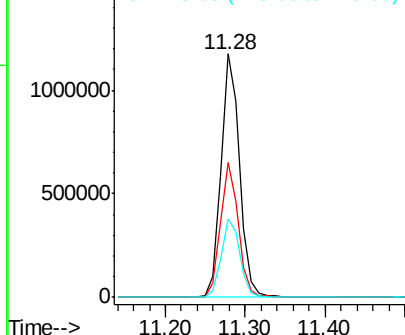
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-A

Tgt Ion:117 Resp: 1936795
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 32.1 26.1 39.1

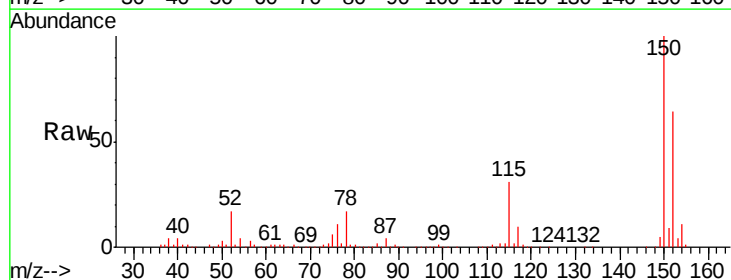


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

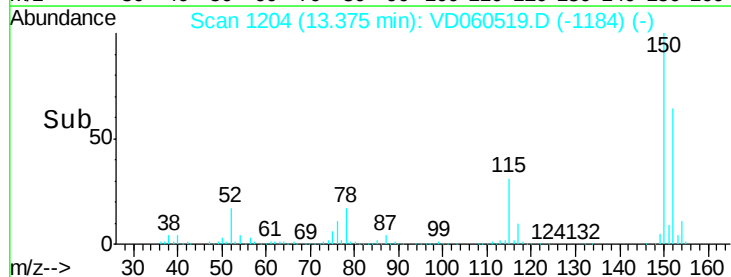
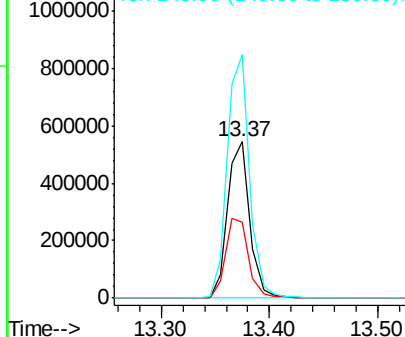


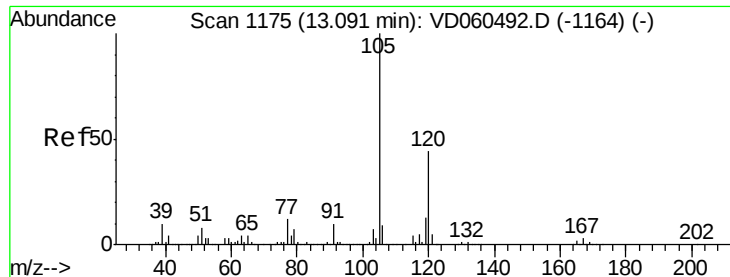
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Tgt Ion:152 Resp: 777624
Ion Ratio Lower Upper
152 100
115 48.7 24.6 74.0
150 156.0 0.0 309.0



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

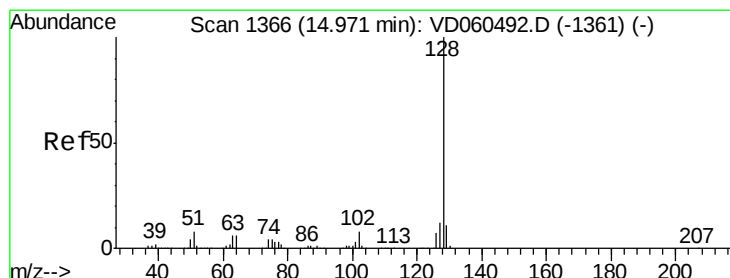
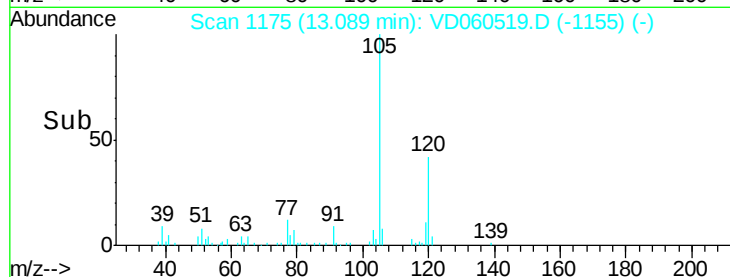
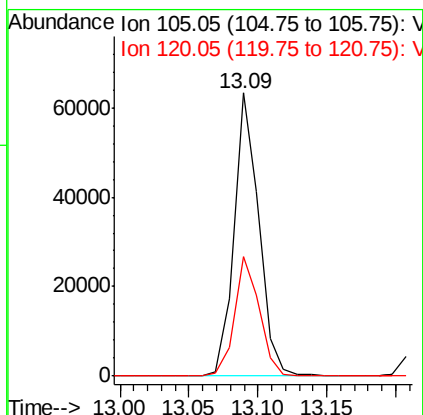
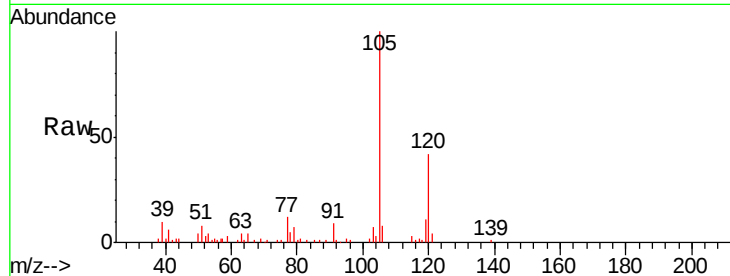




#84
1,2,4-Trimethylbenzene
Concen: 1.805 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-A

Tgt Ion:105 Resp: 78575
Ion Ratio Lower Upper
105 100
120 42.2 22.3 66.8



#95
Naphthalene
Concen: 2.604 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Tgt Ion:128 Resp: 51838
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.8
129 11.2 8.6 13.0

