

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121918\
 Data File : VD060642.D
 Acq On : 19 Dec 2018 16:04
 Operator : VA/AP
 Sample : J6199-11
 Misc : 17.66G/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-121818-B

Quant Time: Dec 20 13:39:31 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

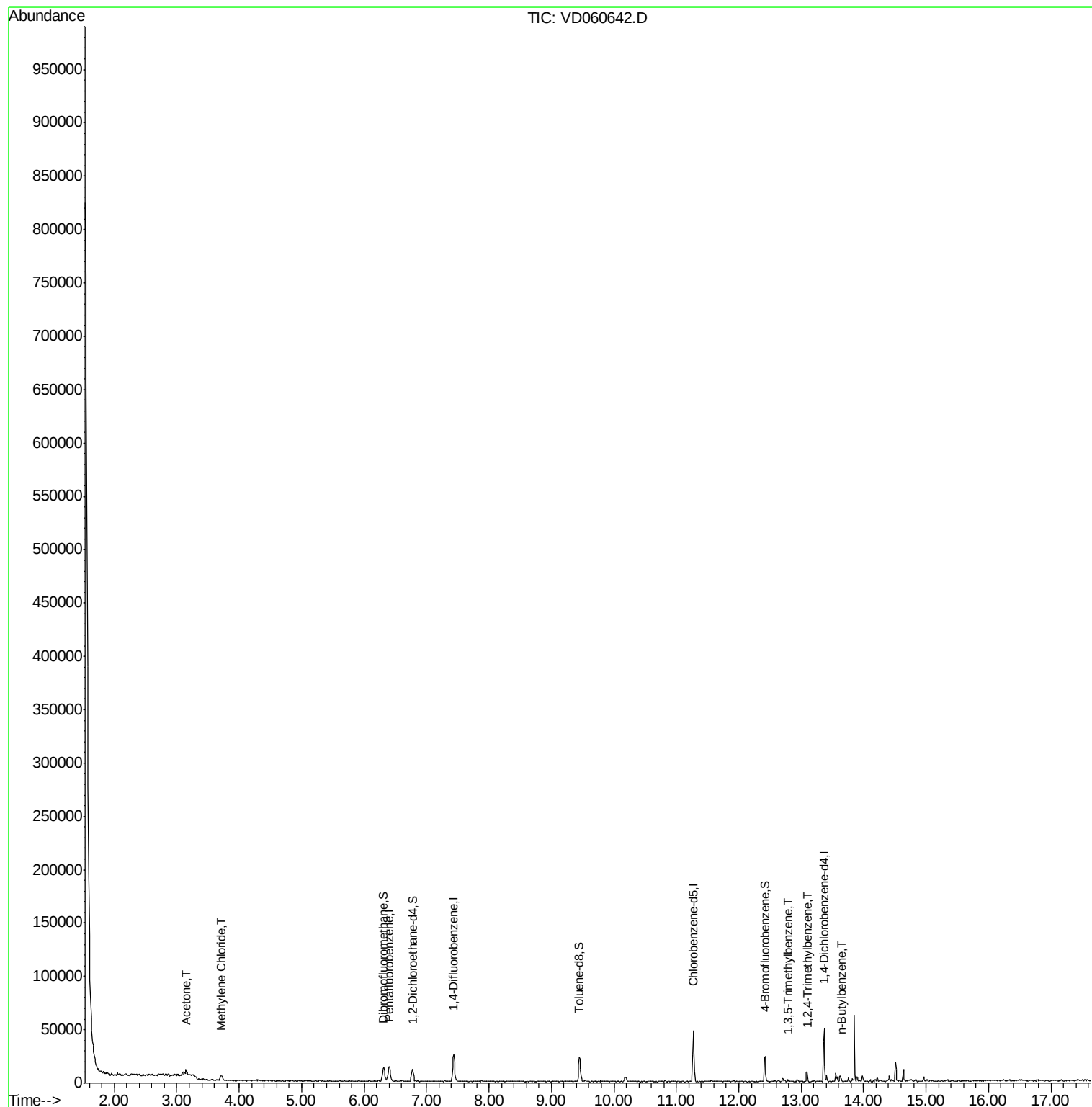
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	18049	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.44	114	27728	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	25665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	12341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	10924	85.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	170.78%	
35) Dibromofluoromethane	6.31	113	11394	55.94	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.88%	
50) Toluene-d8	9.44	98	21178	35.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.86%	
62) 4-Bromofluorobenzene	12.42	95	7689	36.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	72.92%	
Target Compounds						
16) Acetone	3.15	43	8198	399.781	ug/l	Qvalue 96
20) Methylene Chloride	3.72	84	3033	12.779	ug/l #	80
80) 1,3,5-Trimethylbenzene	12.79	105	1546	2.317	ug/l	100
84) 1,2,4-Trimethylbenzene	13.10	105	5796	8.388	ug/l	88
89) n-Butylbenzene	13.65	91	1895	2.011	ug/l	86

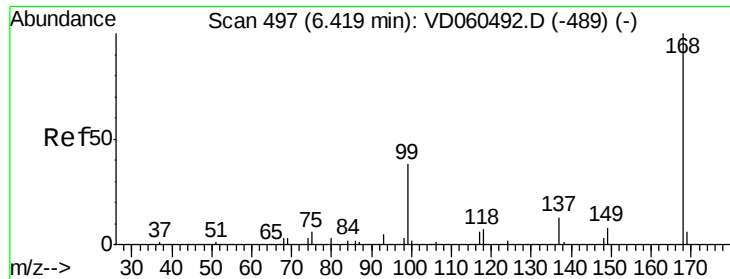
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121918\
Data File : VD060642.D
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Misc : 17.66G/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-02-121818-B

Quant Time: Dec 20 13:39:31 2018
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: 6.39 min Scan# 495

Delta R.T. -0.03 min

Lab File: VD060642.D

Acq: 19 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

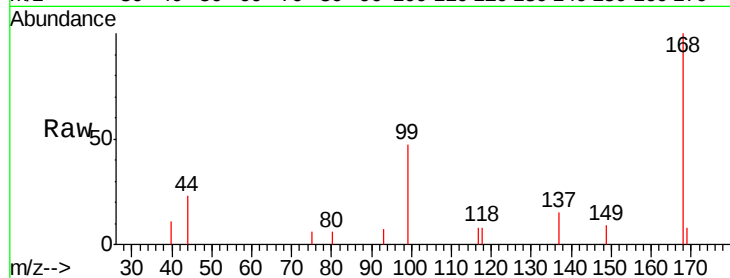
SU-02-121818-B

Tgt Ion:168 Resp: 18049

Ion Ratio Lower Upper

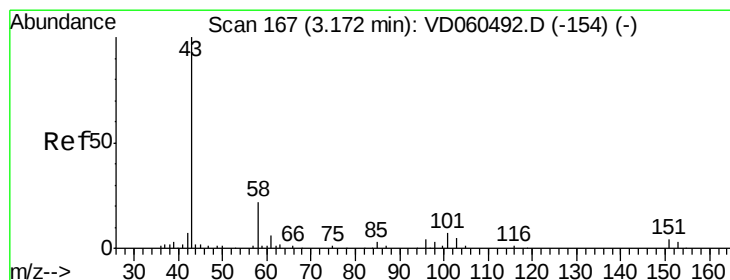
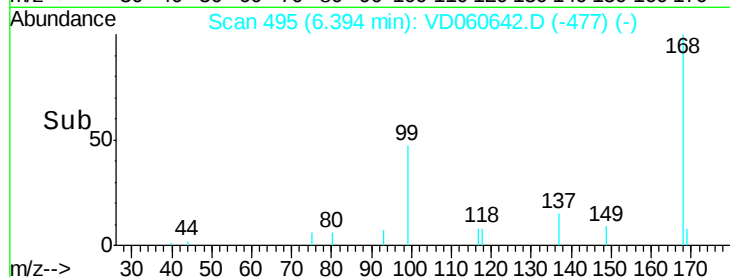
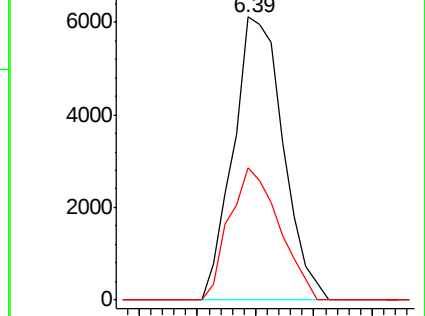
168 100

99 46.6 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 399.781 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.03 min

Lab File: VD060642.D

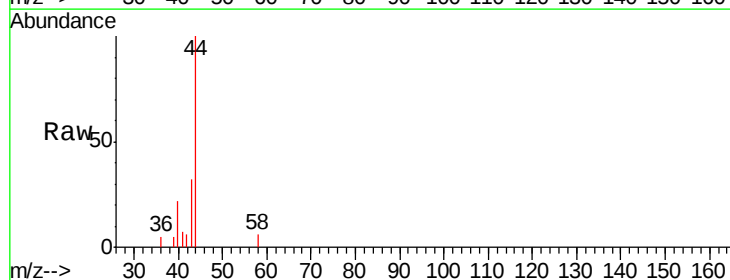
Acq: 19 Dec 2018 16:04

Tgt Ion: 43 Resp: 8198

Ion Ratio Lower Upper

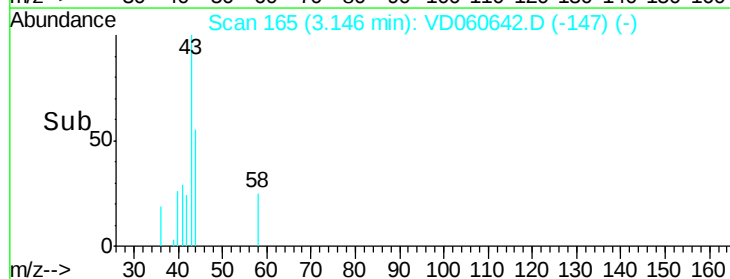
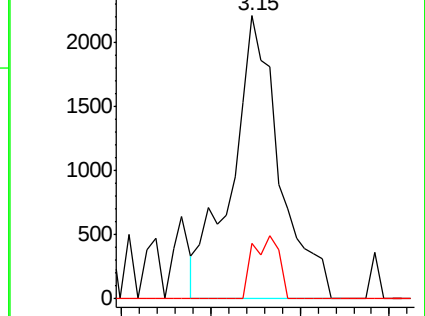
43 100

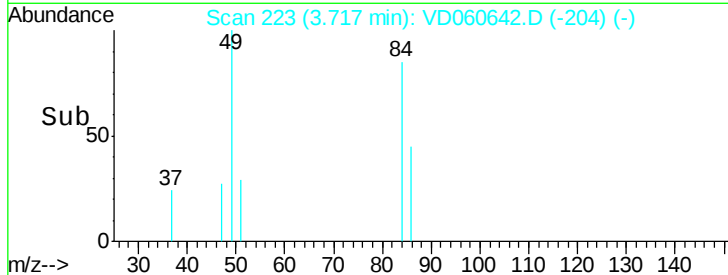
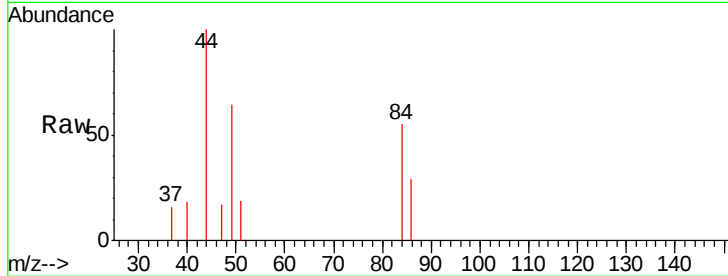
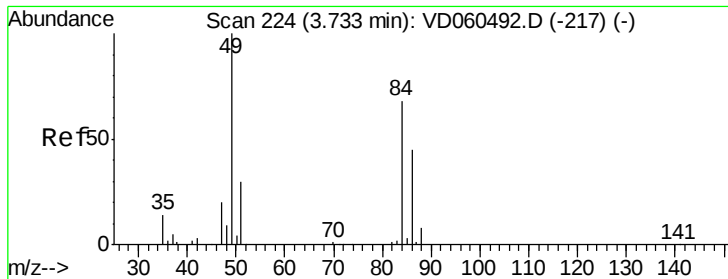
58 19.8 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

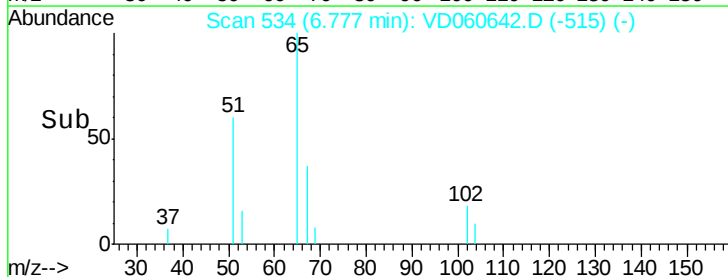
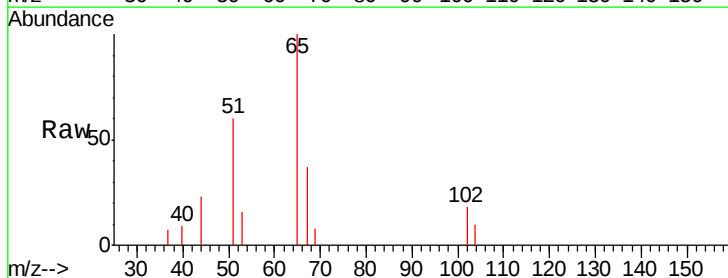
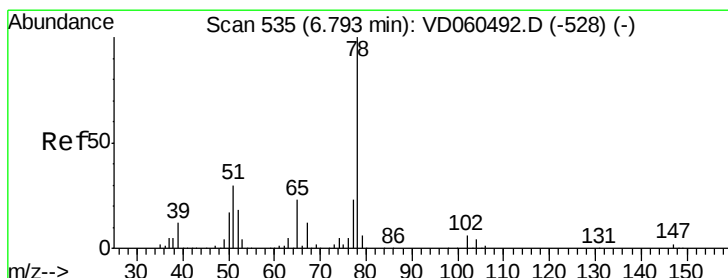
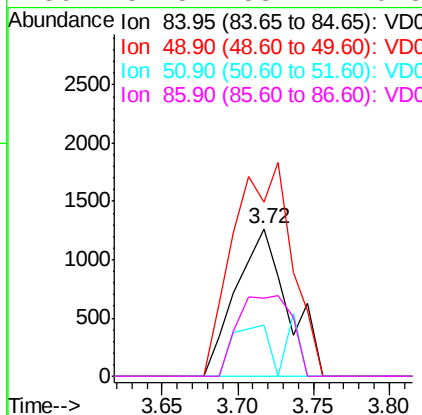




#20
Methylene Chloride
Concen: 12.779 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.02 min
Lab File: VD060642.D
Acq: 19 Dec 2018 16:04

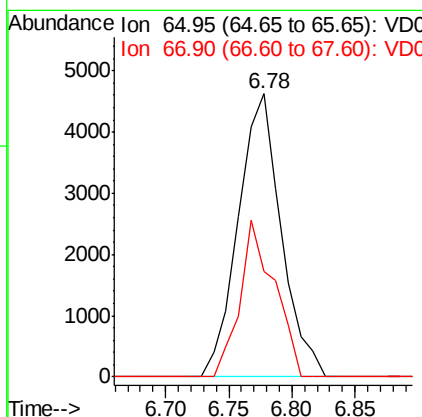
Instrument :
MSVOA_D
ClientSampleId :
SU-02-121818-B

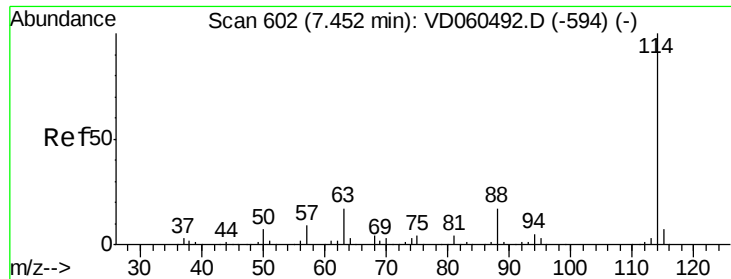
Tgt Ion: 84 Resp: 3033
Ion Ratio Lower Upper
84 100
49 117.8 117.2 175.8
51 34.4 35.3 52.9#
86 52.8 53.2 79.8#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.02 min
Lab File: VD060642.D
Acq: 19 Dec 2018 16:04

Tgt Ion: 65 Resp: 10924
Ion Ratio Lower Upper
65 100
67 37.2 0.0 106.8

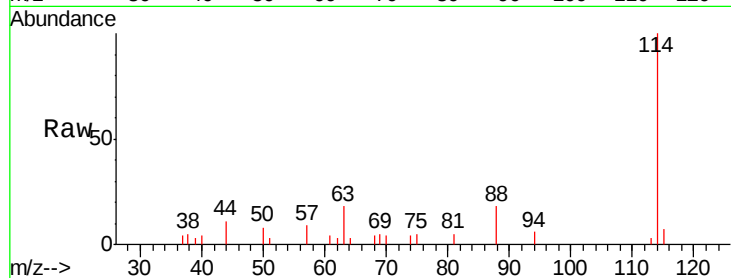




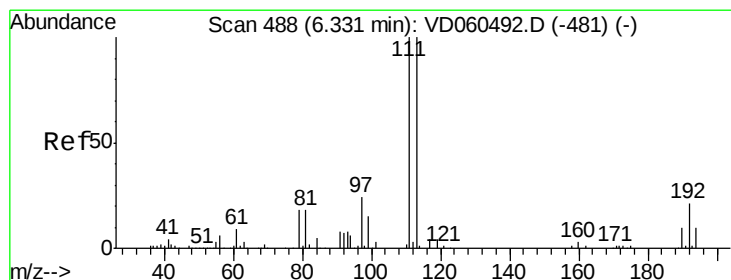
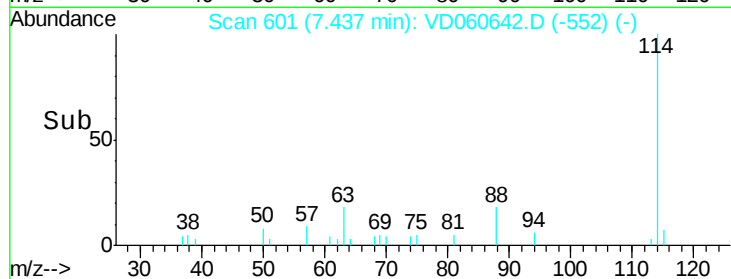
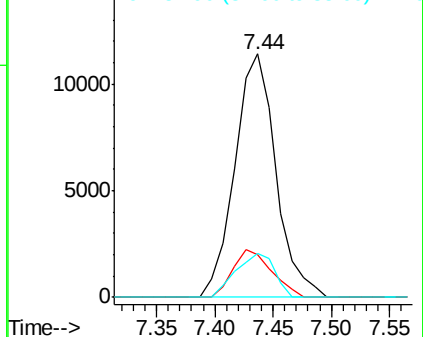
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060642.D
 Acq: 19 Dec 2018 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-121818-B

Tgt Ion:114 Resp: 27728
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.2
 88 17.9 0.0 35.0

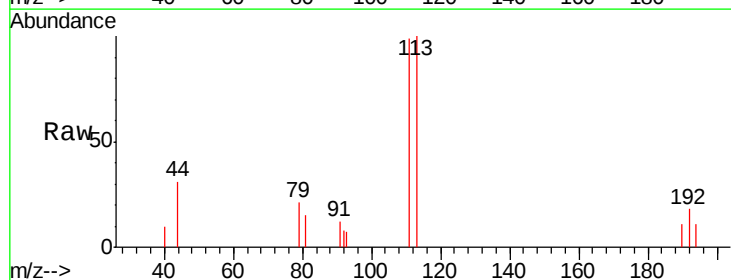


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

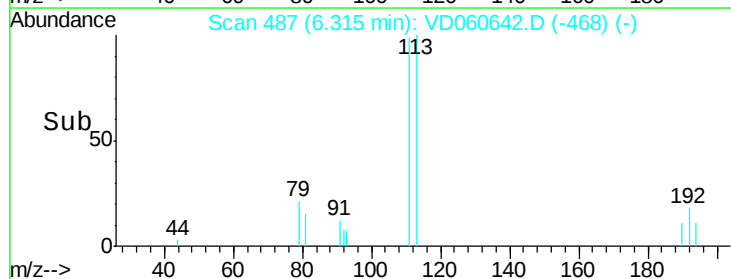
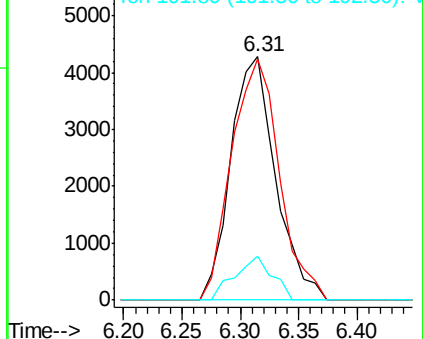


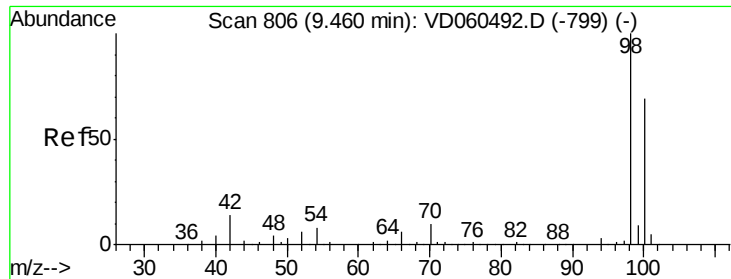
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VD060642.D
 Acq: 19 Dec 2018 16:04

Tgt Ion:113 Resp: 11394
 Ion Ratio Lower Upper
 113 100
 111 99.0 80.2 120.4
 192 18.0 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: 9.44 min Scan# 805

Delta R.T. -0.02 min

Lab File: VD060642.D

Acq: 19 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

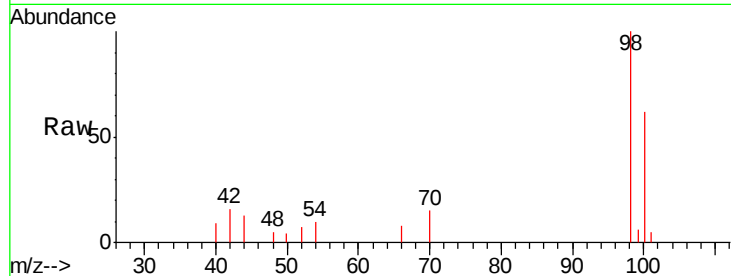
SU-02-121818-B

Tgt Ion: 98 Resp: 21178

Ion Ratio Lower Upper

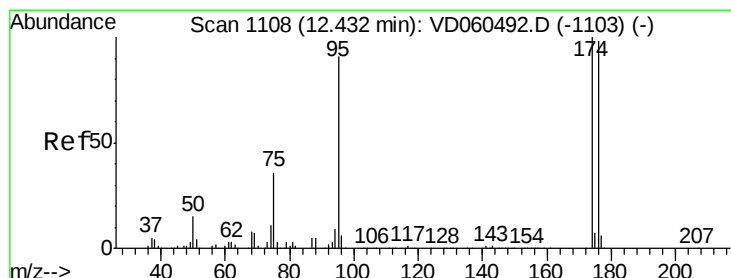
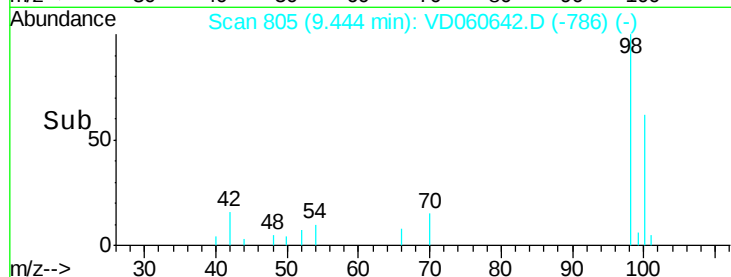
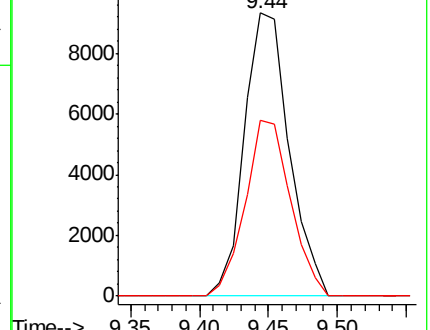
98 100

100 62.1 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)

Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060642.D

Acq: 19 Dec 2018 16:04

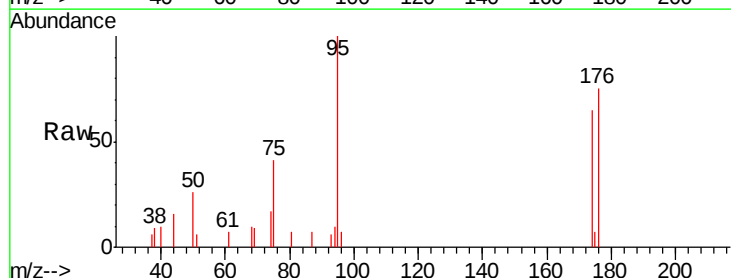
Tgt Ion: 95 Resp: 7689

Ion Ratio Lower Upper

95 100

174 64.7 0.0 219.4

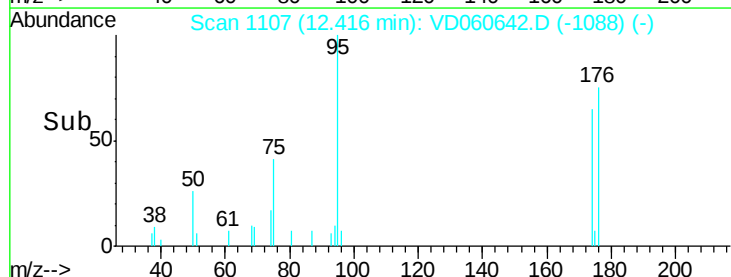
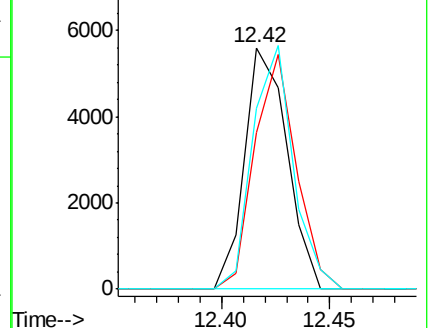
176 74.7 0.0 214.6

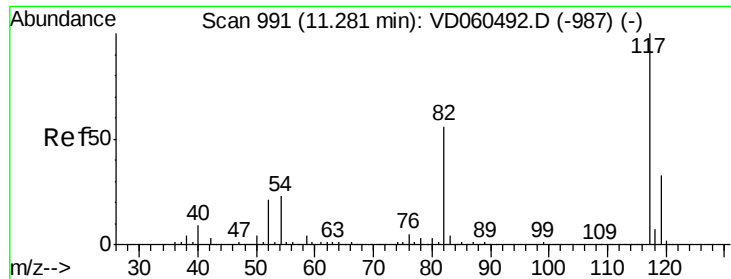


Abundance Ion 95.00 (94.70 to 95.70): VD060492.D (-1103) (-)

Ion 173.90 (173.60 to 174.60): VD060492.D (-1103) (-)

Ion 175.90 (175.60 to 176.60): VD060492.D (-1103) (-)

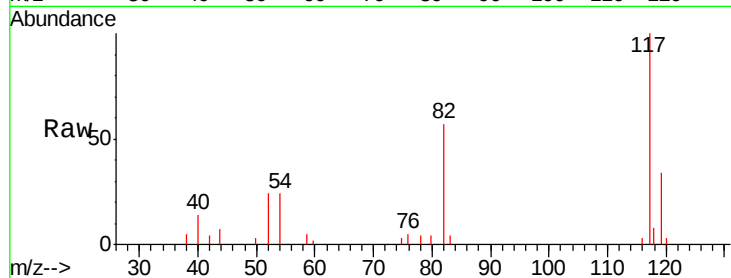




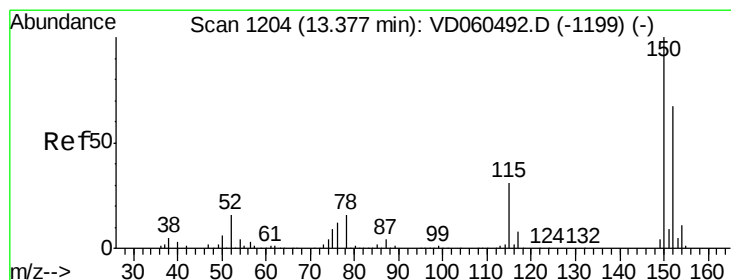
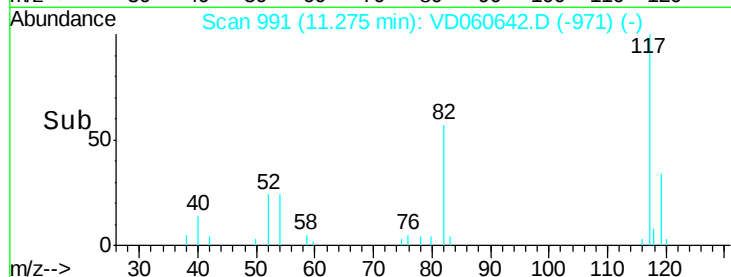
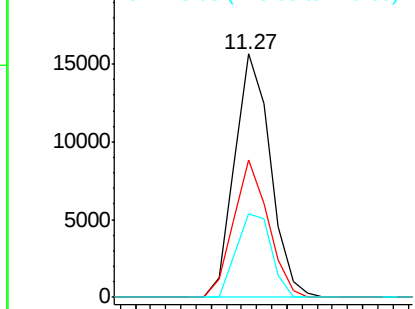
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060642.D
Acq: 19 Dec 2018 16:04

Instrument :
MSVOA_D
ClientSampleId :
SU-02-121818-B

Tgt Ion:117 Resp: 25665
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 34.2 26.1 39.1

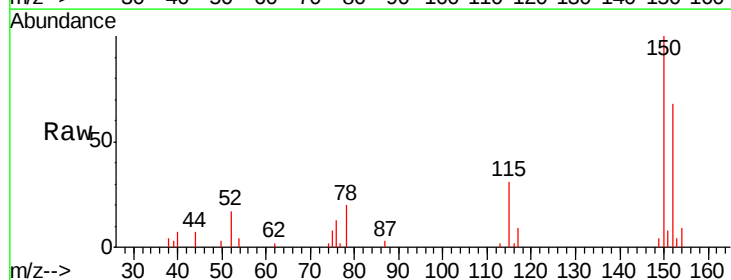


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

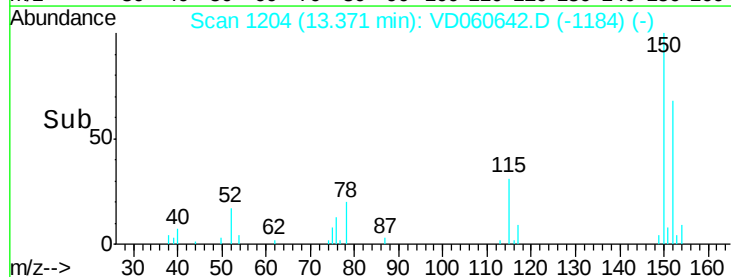
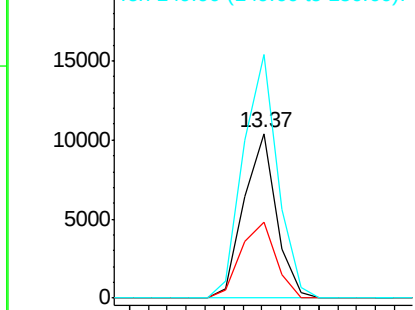


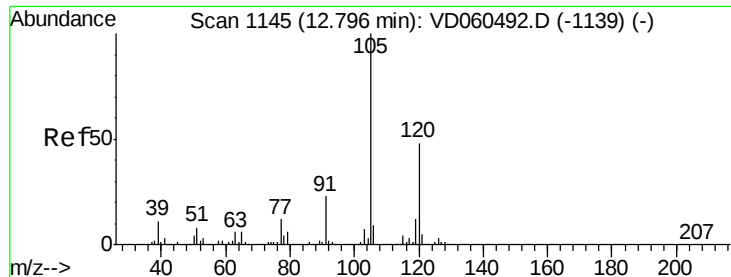
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060642.D
Acq: 19 Dec 2018 16:04

Tgt Ion:152 Resp: 12341
Ion Ratio Lower Upper
152 100
115 46.5 24.6 74.0
150 147.8 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

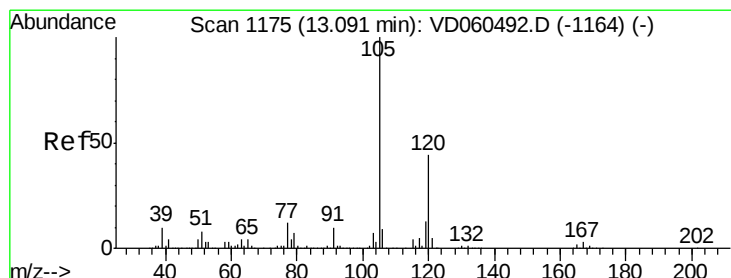
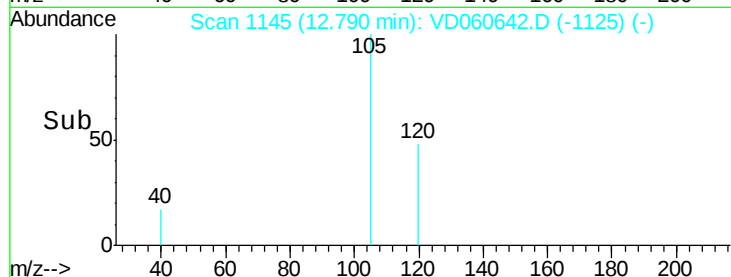
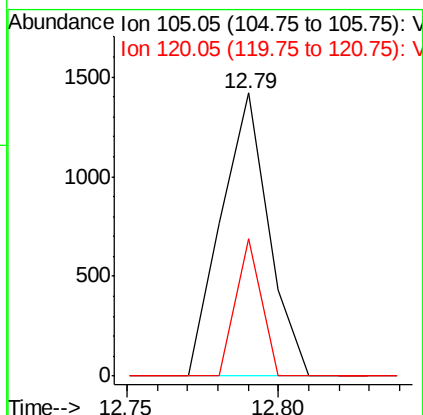
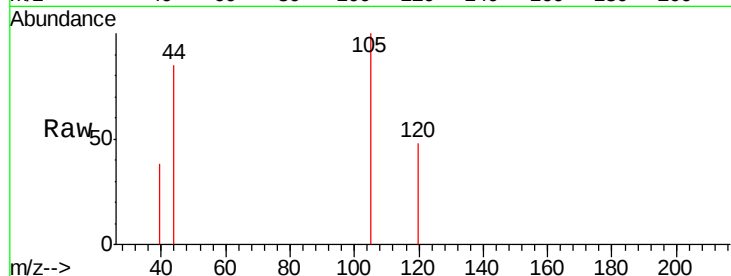




#80
 1,3,5-Trimethylbenzene
 Concen: 2.317 ug/l
 RT: 12.79 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: VD060642.D
 Acq: 19 Dec 2018 16:04

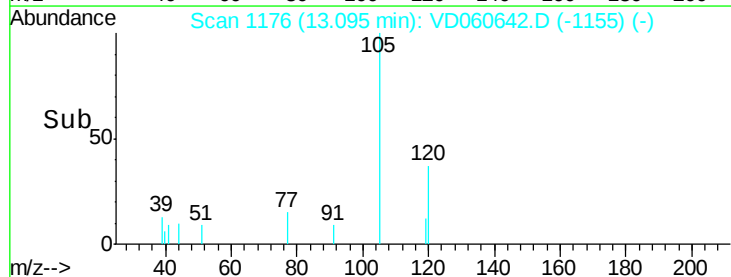
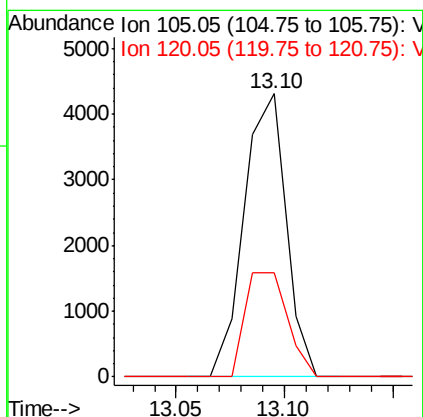
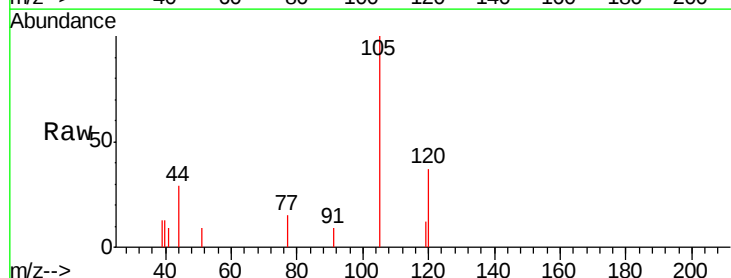
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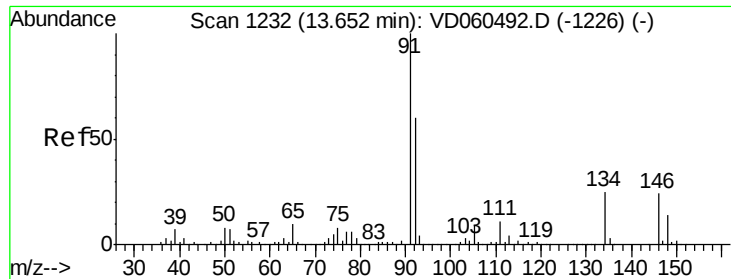
Tgt Ion:105 Resp: 1546
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.2 72.6



#84
 1,2,4-Trimethylbenzene
 Concen: 8.388 ug/l
 RT: 13.10 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VD060642.D
 Acq: 19 Dec 2018 16:04

Tgt Ion:105 Resp: 5796
 Ion Ratio Lower Upper
 105 100
 120 36.7 22.3 66.8





#89

n-Butylbenzene

Concen: 2.011 ug/l

RT: 13.65 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD060642.D

Acq: 19 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

SU-02-121818-B

Tgt Ion: 91 Resp: 1895

Ion Ratio Lower Upper

91 100

92 46.0 30.0 90.1

134 25.7 12.5 37.5

