

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062969.D
 Acq On : 28 Jun 2019 16:42
 Operator : VA/AP
 Sample : K3163-15
 Misc : 6.55g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-062719-B

Quant Time: Jun 29 01:00:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

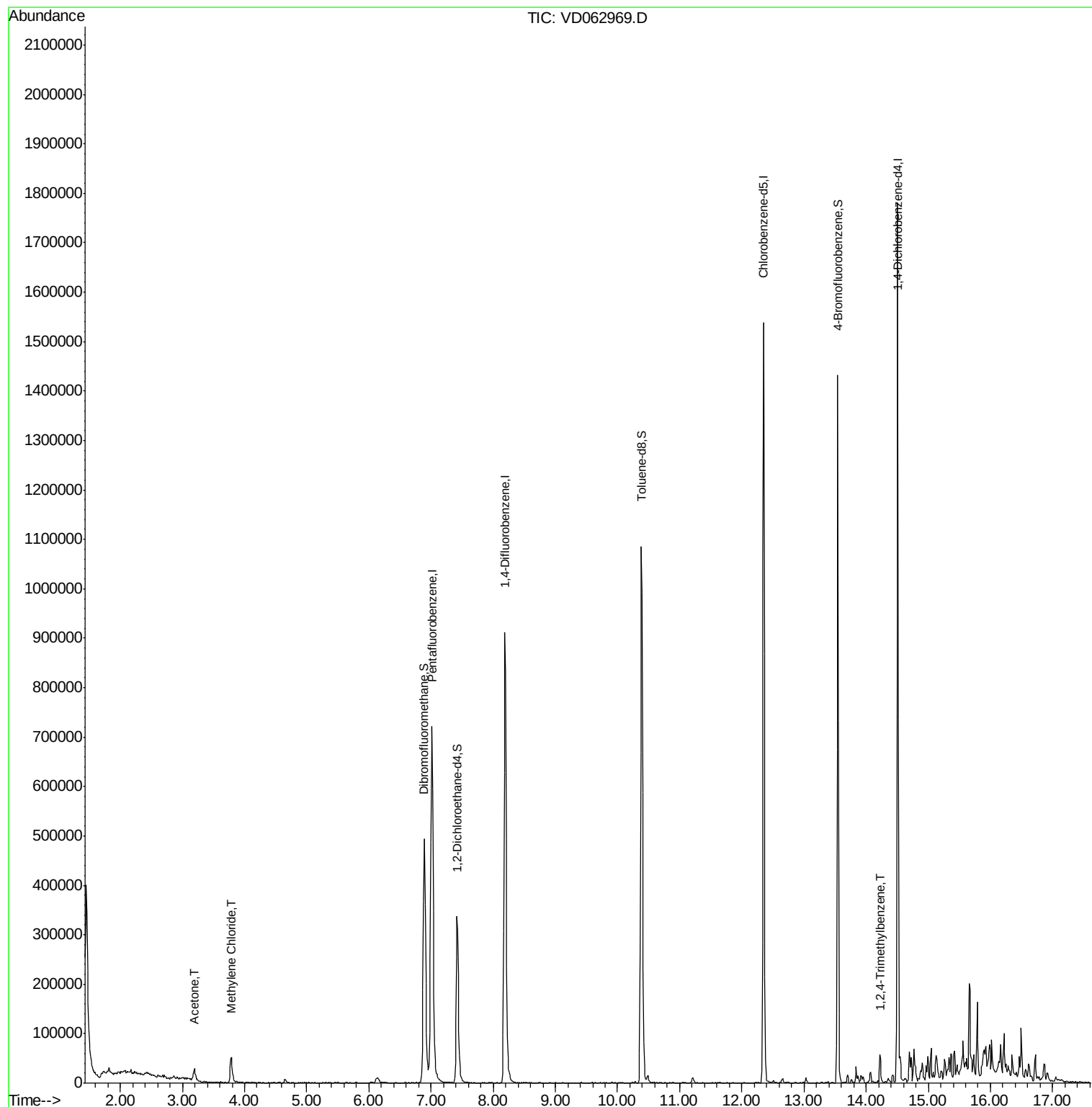
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	695794	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	917204	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	769162	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	346230	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	392323	51.87	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	6.90	113	422295	54.60	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.20%	
50) Toluene-d8	10.38	98	854065	50.74	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	13.54	95	349842	45.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.42%	
Target Compounds						
16) Acetone	3.20	43	49294	25.868	ug/l #	80
20) Methylene Chloride	3.78	84	30337	5.260	ug/l #	96
84) 1,2,4-Trimethylbenzene	14.22	105	25930	1.357	ug/l	86

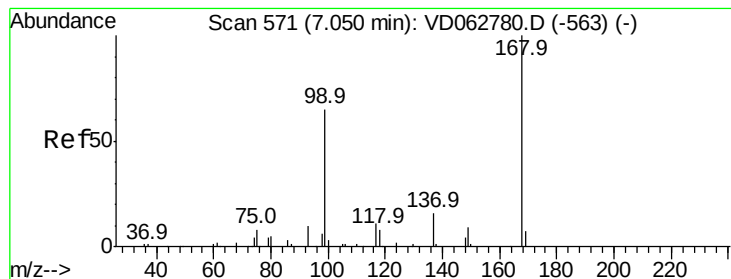
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062819\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062969.D

Acq: 28 Jun 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

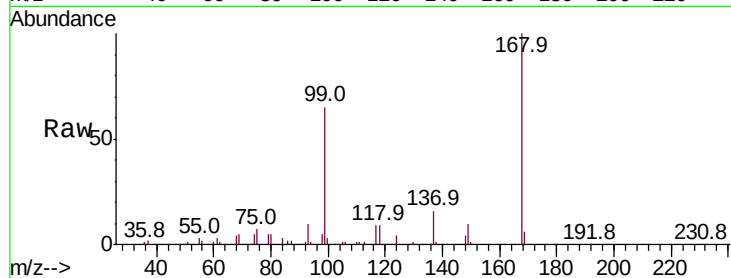
SU-01-062719-B

Tot Ion:168 Resp: 695794

Ion Ratio Lower Upper

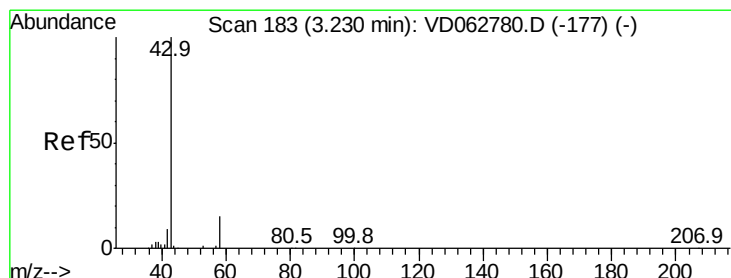
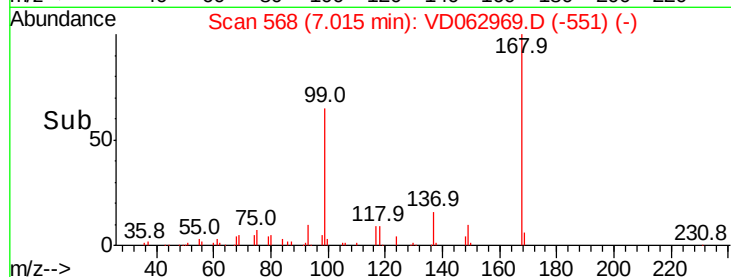
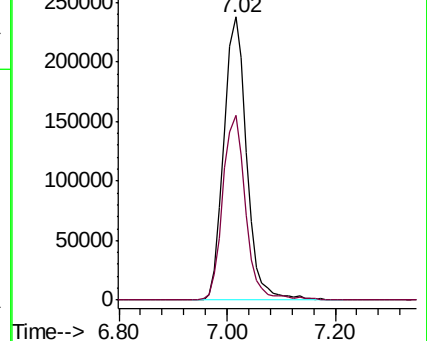
168 100

99 65.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 25.868 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062969.D

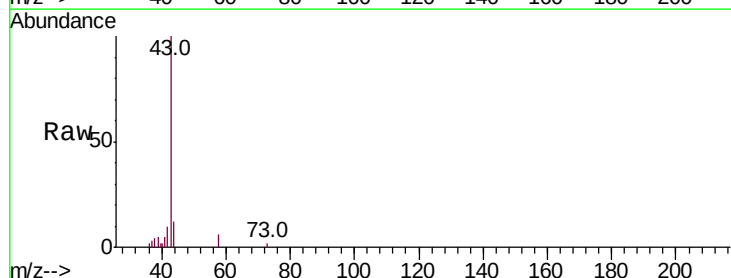
Acq: 28 Jun 2019 16:42

Tgt Ion: 43 Resp: 49294

Ion Ratio Lower Upper

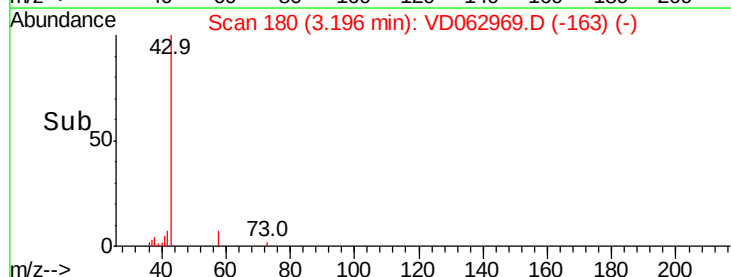
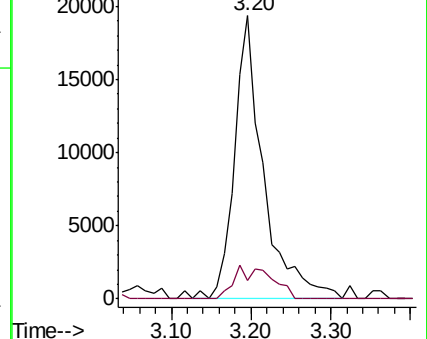
43 100

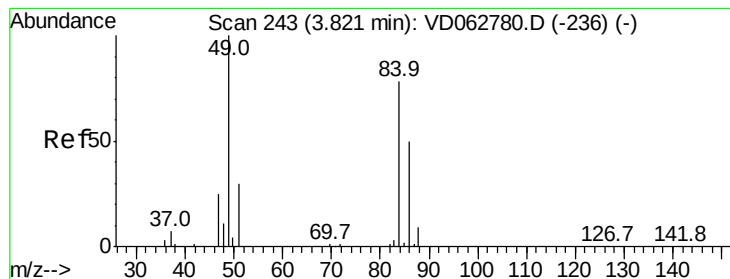
58 6.5 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 5.260 ug/l

RT: 3.78 min Scan# 239

Delta R.T. -0.04 min

Lab File: VD062969.D

Acq: 28 Jun 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

SU-01-062719-B

Tot Ion: 84 Resp: 30337

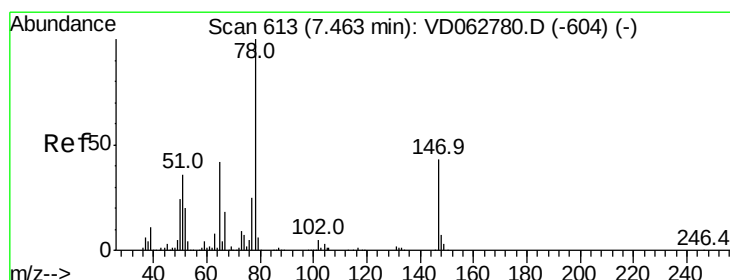
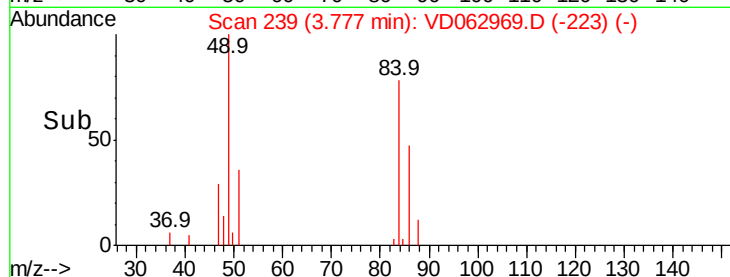
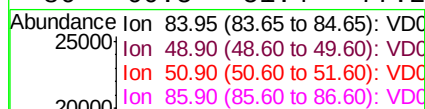
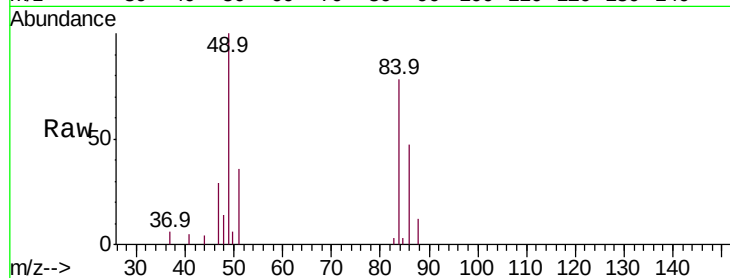
Ion Ratio Lower Upper

84 100

49 128.6 102.9 154.3

51 46.9 31.2 46.8#

86 60.5 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 51.873 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062969.D

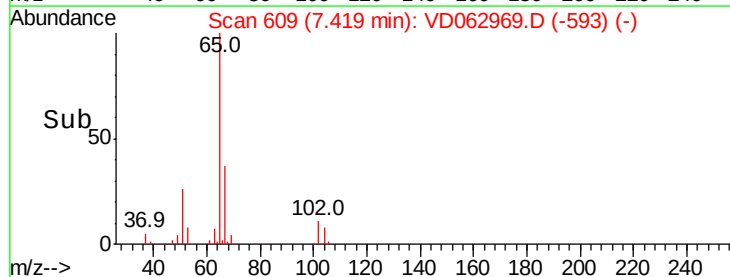
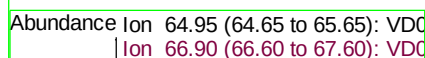
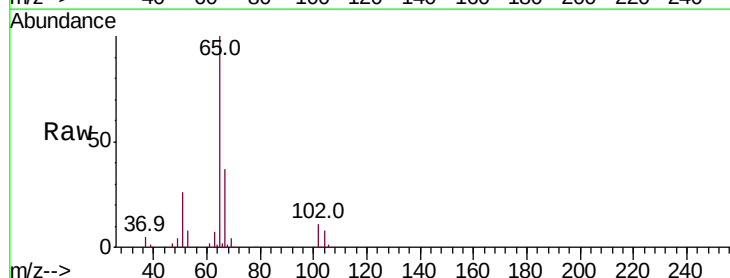
Acq: 28 Jun 2019 16:42

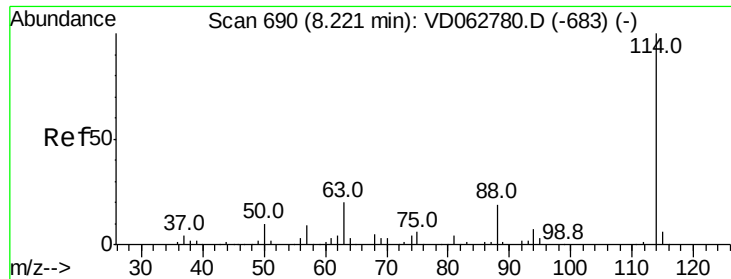
Tgt Ion: 65 Resp: 392323

Ion Ratio Lower Upper

65 100

67 37.5 0.0 87.4

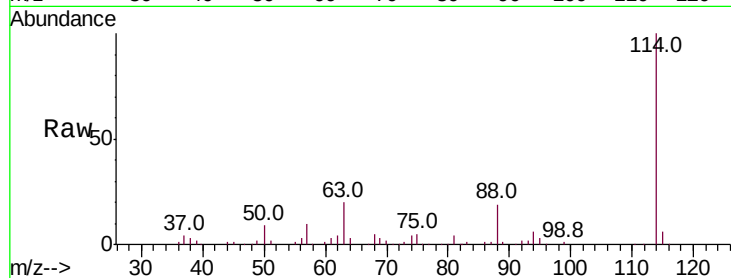




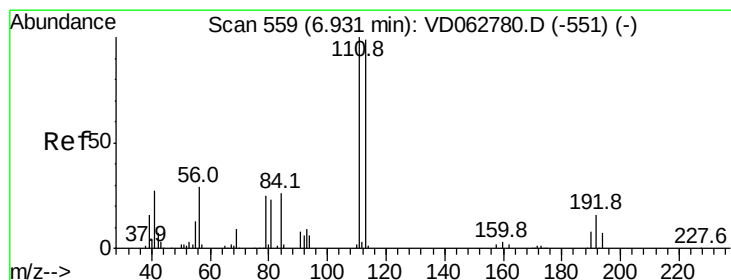
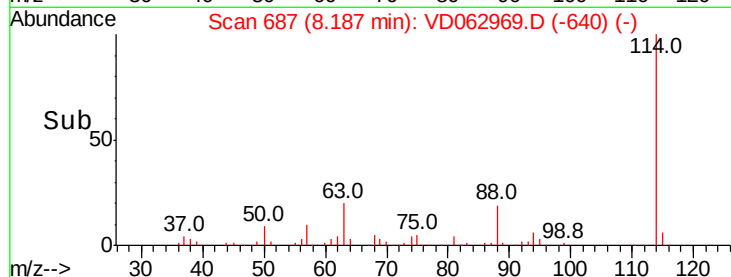
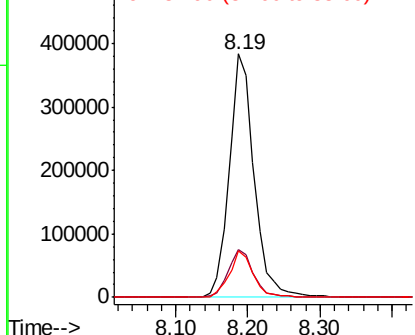
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062969.D
 Acq: 28 Jun 2019 16:42

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-062719-B

Tot Ion:114 Resp: 917204
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 19.2 0.0 38.8

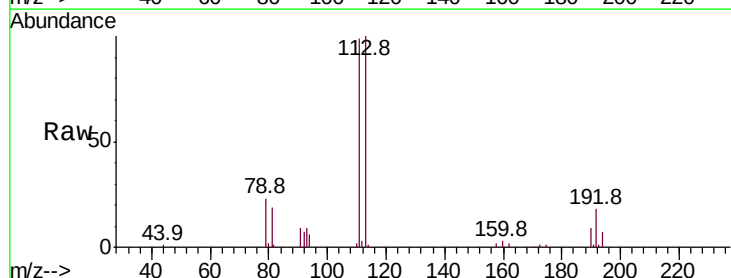


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

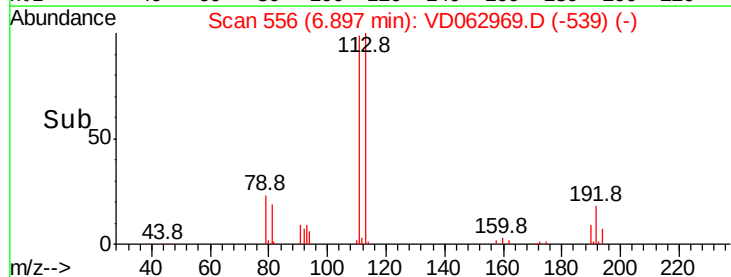
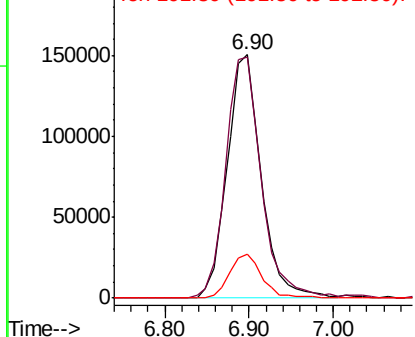


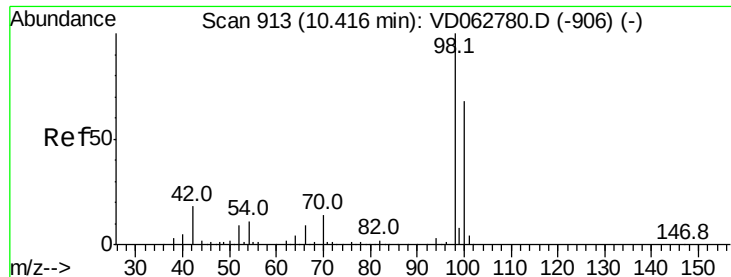
#35
 Dibromofluoromethane
 Concen: 54.604 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062969.D
 Acq: 28 Jun 2019 16:42

Tgt Ion:113 Resp: 422295
 Ion Ratio Lower Upper
 113 100
 111 98.9 81.2 121.8
 192 18.0 12.9 19.3



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

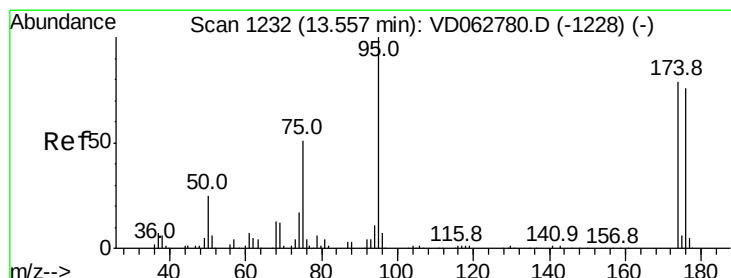
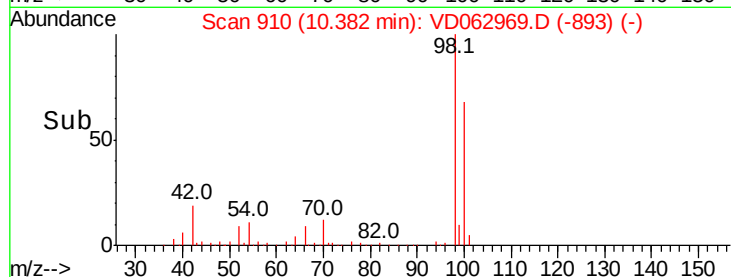
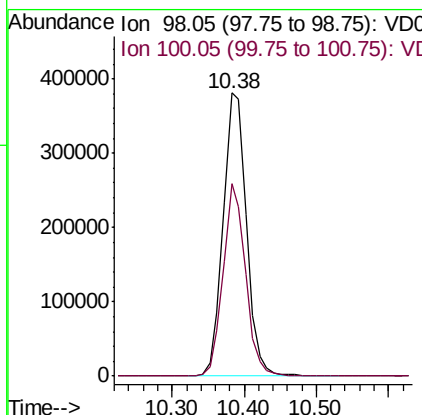
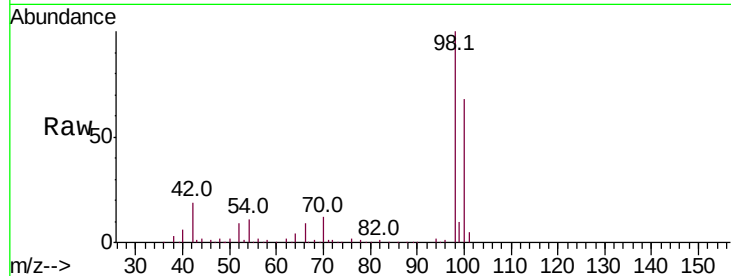




#50
Toluene-d8
Concen: 50.739 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062969.D
Acq: 28 Jun 2019 16:42

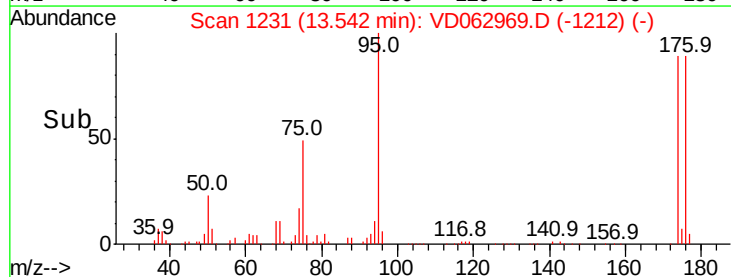
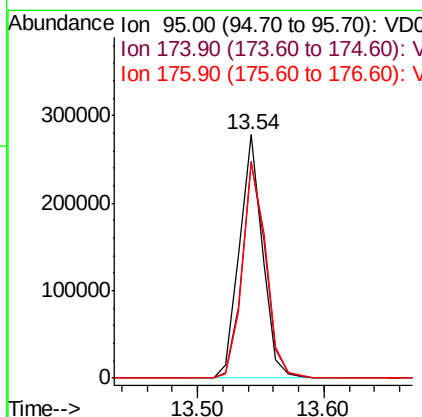
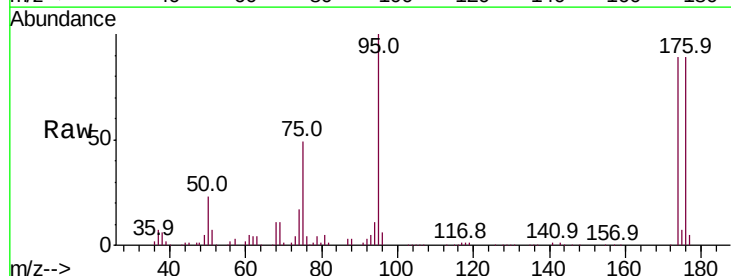
Instrument :
MSVOA_D
ClientSampleId :
SU-01-062719-B

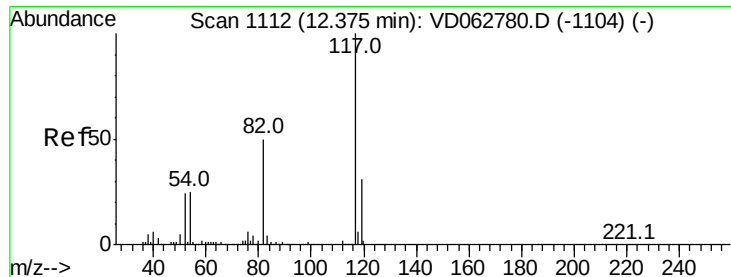
Tot Ion: 98 Resp: 854065
Ion Ratio Lower Upper
98 100
100 67.9 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 45.708 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062969.D
Acq: 28 Jun 2019 16:42

Tgt Ion: 95 Resp: 349842
Ion Ratio Lower Upper
95 100
174 88.9 0.0 158.0
176 88.7 0.0 151.6

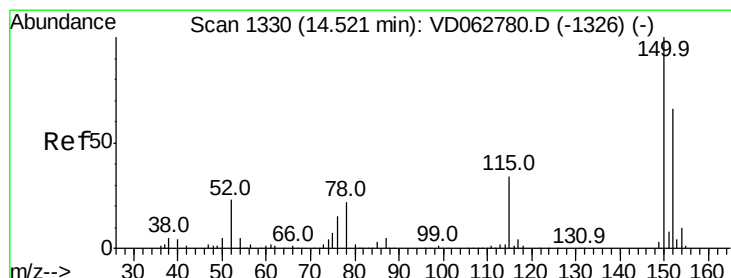
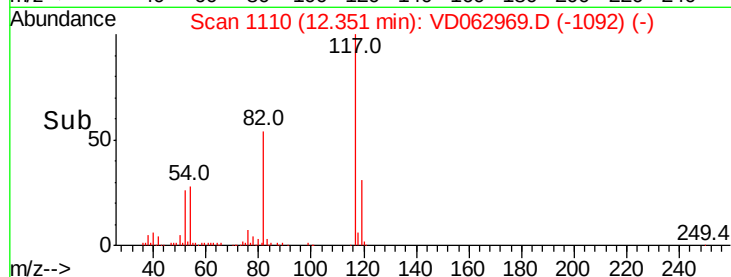
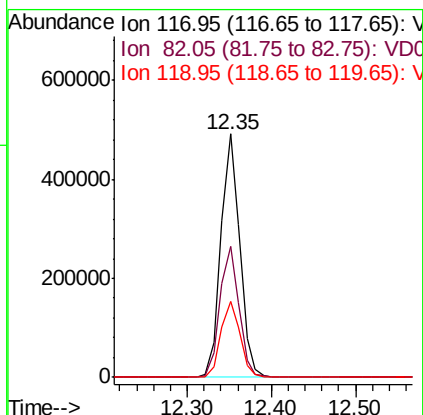
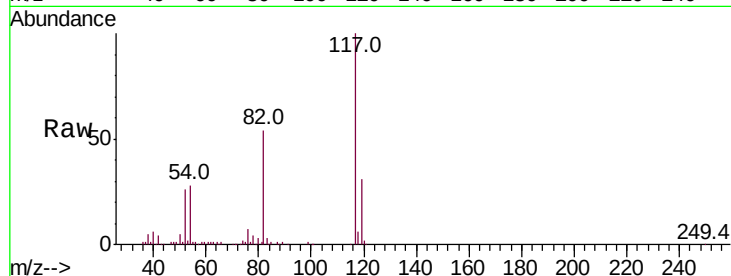




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062969.D
Acq: 28 Jun 2019 16:42

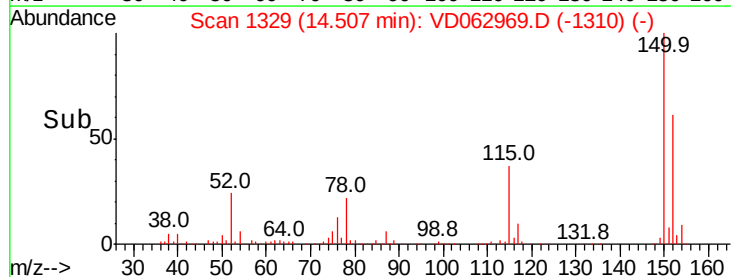
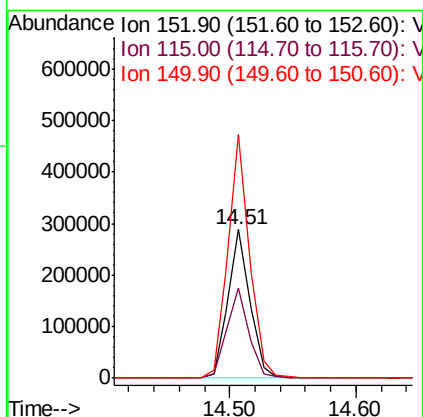
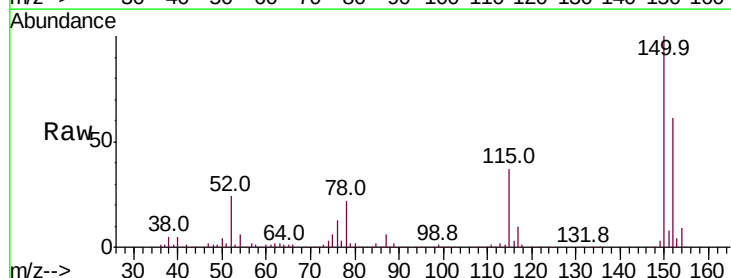
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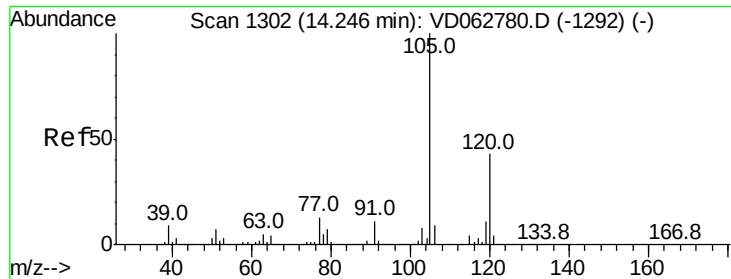
Tot Ion:117 Resp: 769162
Ion Ratio Lower Upper
117 100
82 54.0 40.4 60.6
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062969.D
Acq: 28 Jun 2019 16:42

Tgt Ion:152 Resp: 346230
Ion Ratio Lower Upper
152 100
115 60.8 29.2 87.6
150 163.9 0.0 305.8





#84
 1,2,4-Trimethylbenzene
 Concen: 1.357 ug/l
 RT: 14.22 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: VD062969.D
 Acq: 28 Jun 2019 16:42

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-062719-B

Tot Ion:105 Resp: 25930
 Ion Ratio Lower Upper
 105 100
 120 51.2 21.3 63.9

