

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062976.D
 Acq On : 28 Jun 2019 19:57
 Operator : VA/AP
 Sample : K3555-13
 Misc : 5.97g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-12

Quant Time: Jun 29 01:14:36 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

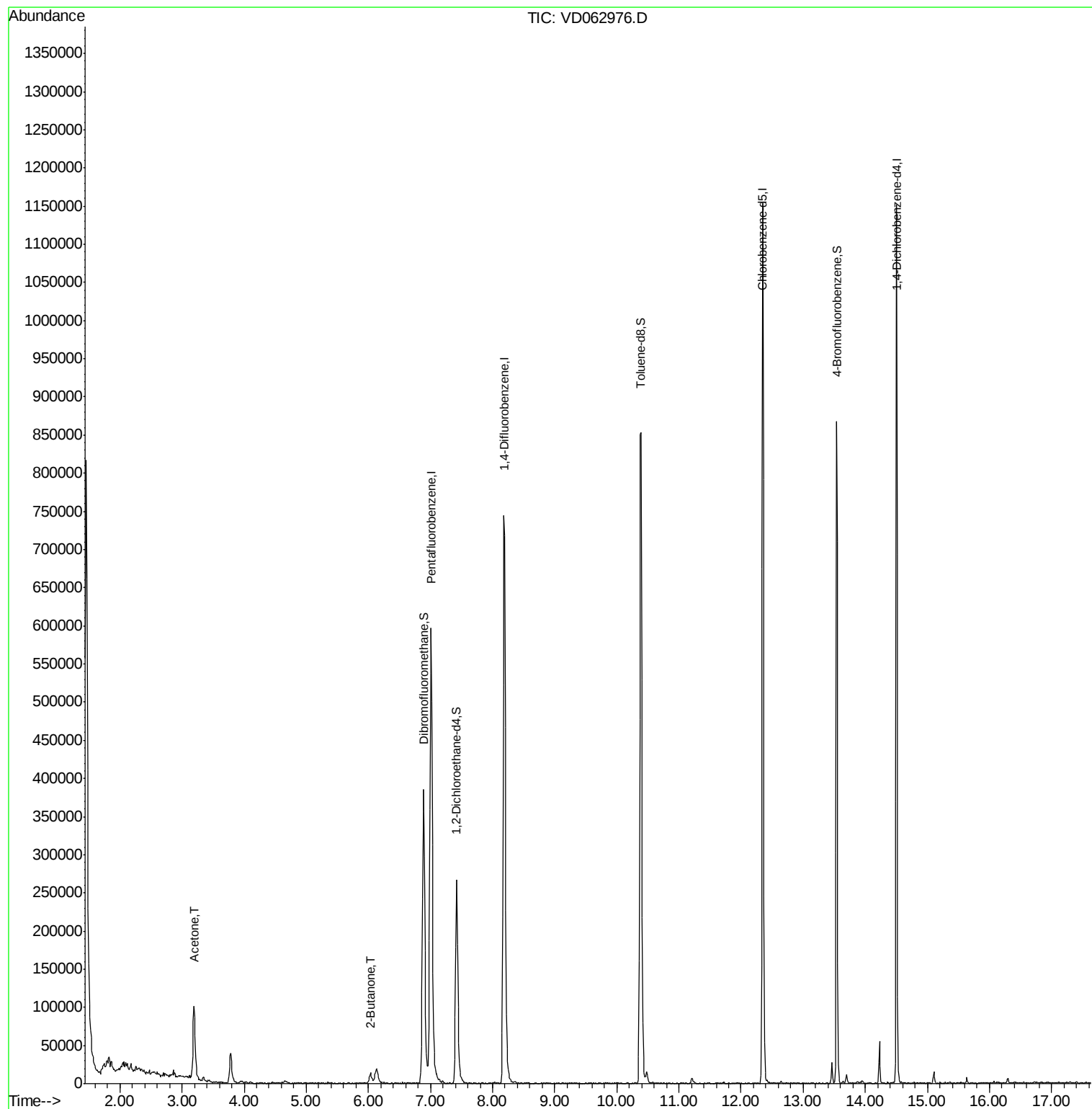
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	564276	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.18	114	771764	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	577505	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	233439	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	318573	51.94	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	6.89	113	325327	49.99	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.39	98	673107	47.52	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	13.54	95	237143	36.82	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	73.64%	
Target Compounds						
16) Acetone	3.19	43	199306	157.650	ug/l	97
25) 2-Butanone	6.04	43	26442	23.050	ug/l #	66

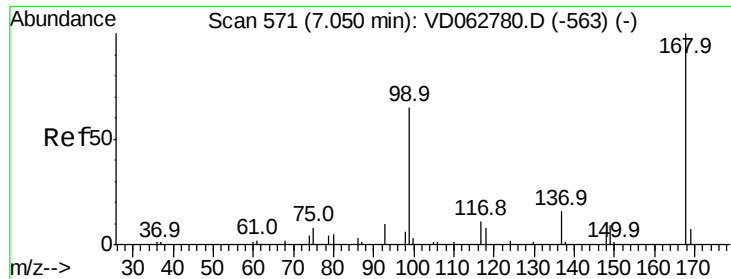
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 567

Delta R.T. -0.04 min

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Instrument :

MSVOA_D

ClientSampleId :

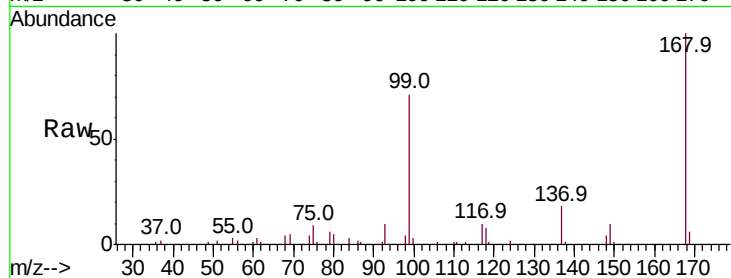
SAMPLE-12

Tot Ion:168 Resp: 564276

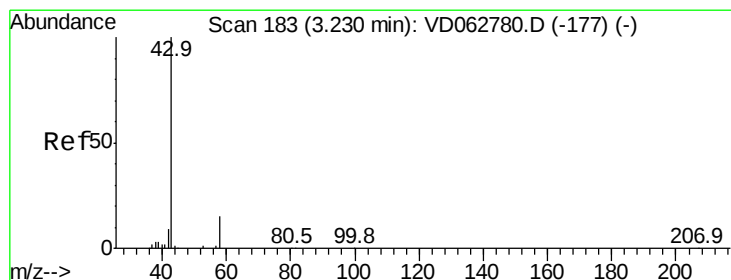
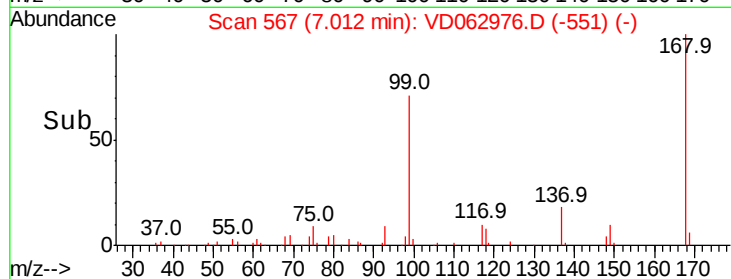
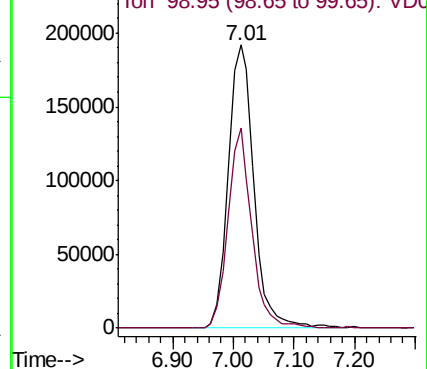
Ion Ratio Lower Upper

168 100

99 70.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 157.650 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.04 min

Lab File: VD062976.D

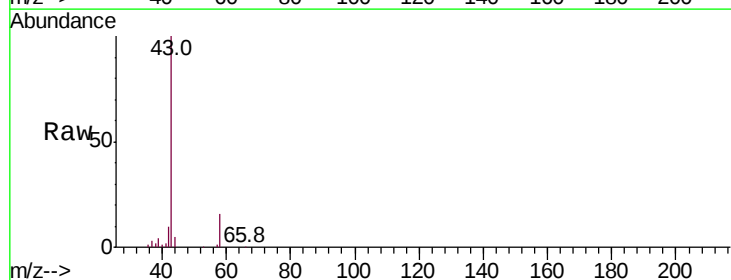
Acq: 28 Jun 2019 19:57

Tgt Ion: 43 Resp: 199306

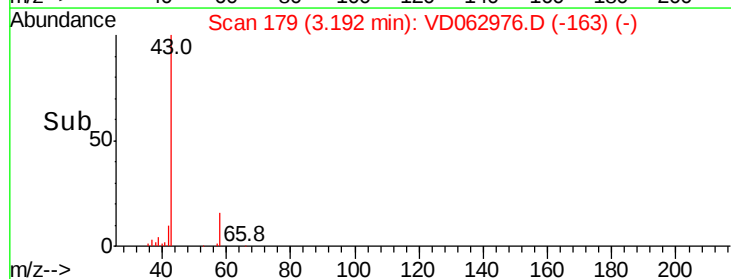
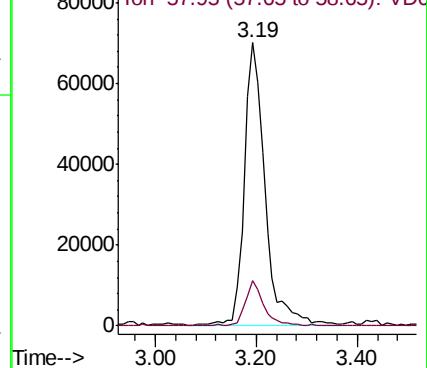
Ion Ratio Lower Upper

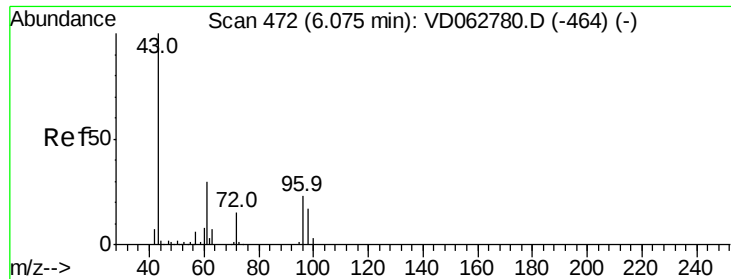
43 100

58 16.0 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC





#25

2-Butanone

Concen: 23.050 ug/l

RT: 6.04 min Scan# 468

Delta R.T. -0.04 min

Lab File: VD062976.D

Acq: 28 Jun 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

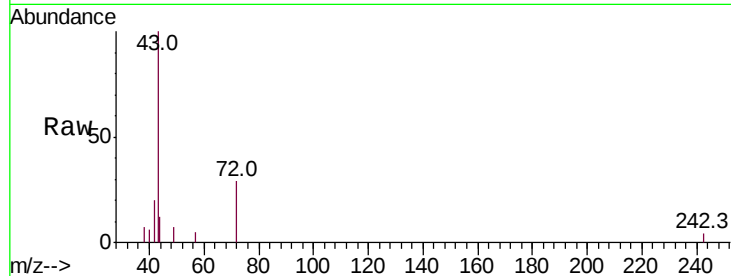
SAMPLE-12

Tot Ion: 43 Resp: 26442

Ion Ratio Lower Upper

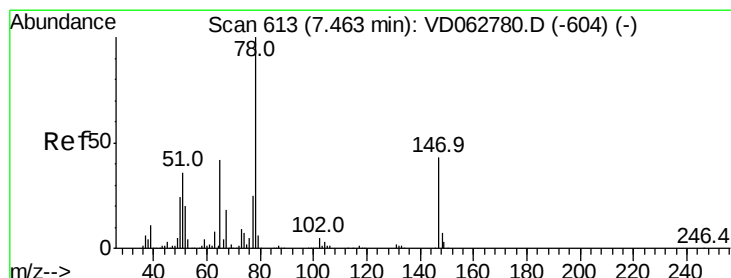
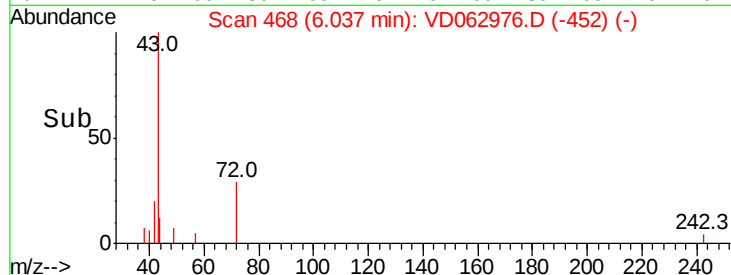
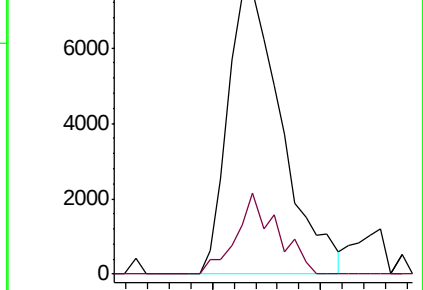
43 100

72 28.8 11.9 17.9#



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: 51.939 ug/l

RT: 7.42 min Scan# 608

Delta R.T. -0.05 min

Lab File: VD062976.D

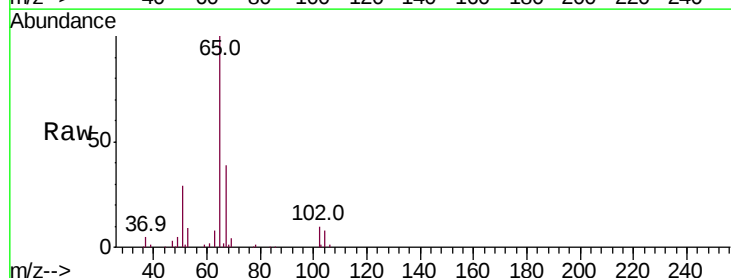
Acq: 28 Jun 2019 19:57

Tgt Ion: 65 Resp: 318573

Ion Ratio Lower Upper

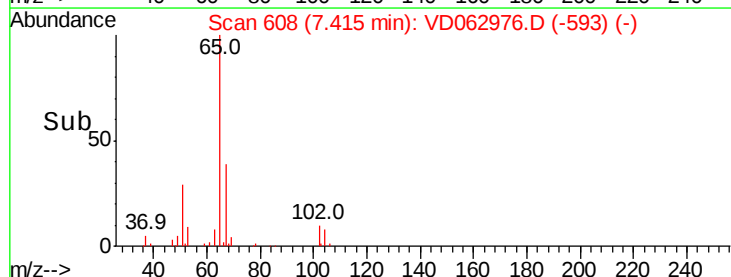
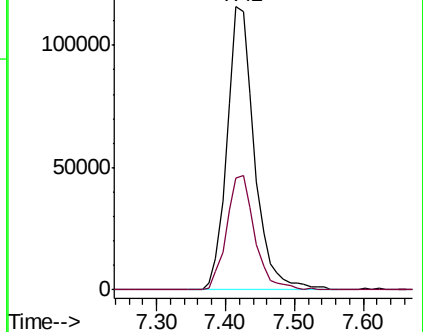
65 100

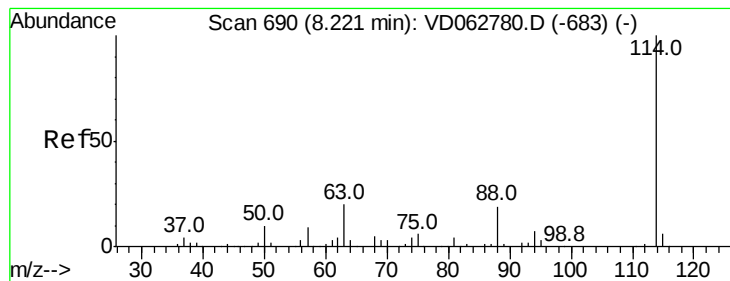
67 39.5 0.0 87.4



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: 8.18 min Scan# 686

Delta R.T. -0.04 min

Lab File: VD062976.D

Acq: 28 Jun 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-12

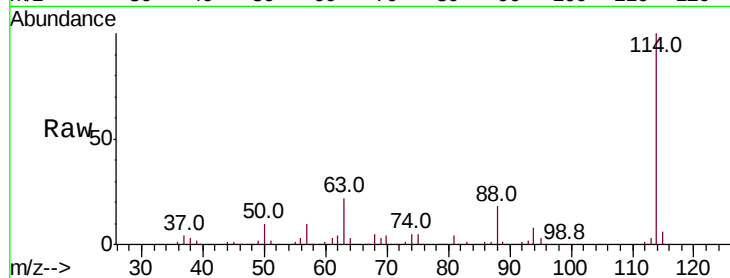
Tot Ion:114 Resp: 771764

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

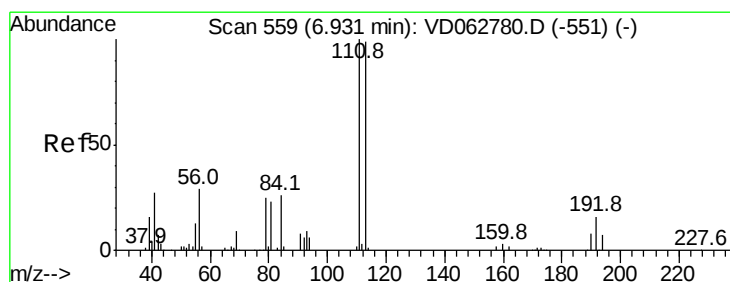
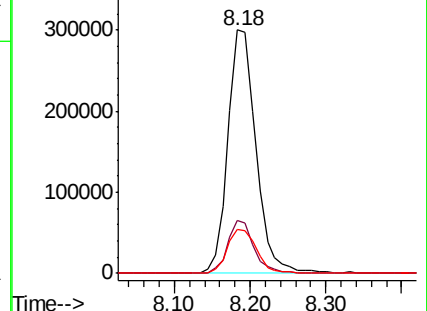
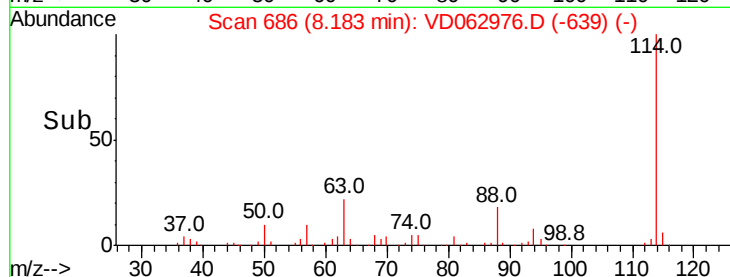
88 18.0 0.0 38.8



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: 49.993 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD062976.D

Acq: 28 Jun 2019 19:57

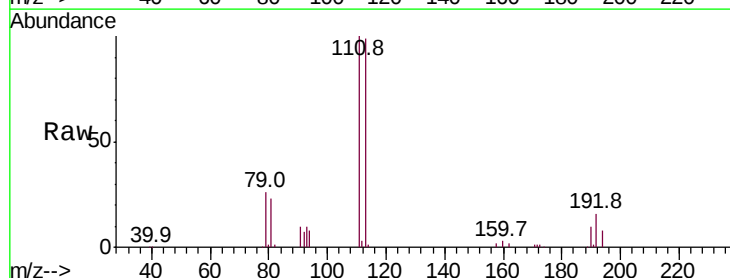
Tgt Ion:113 Resp: 325327

Ion Ratio Lower Upper

113 100

111 100.7 81.2 121.8

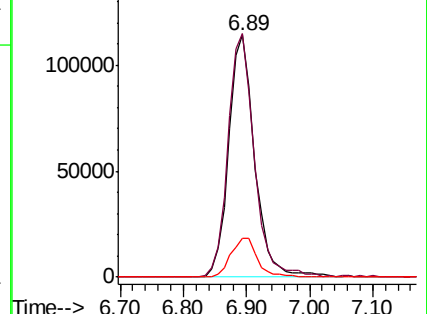
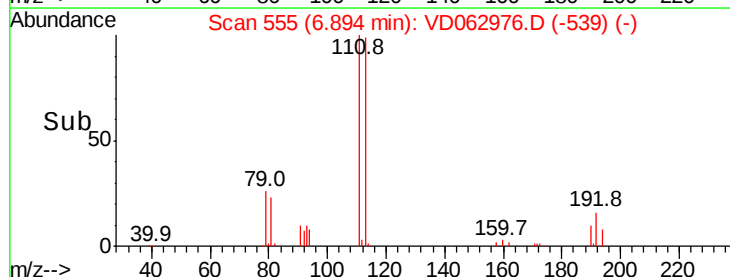
192 16.0 12.9 19.3

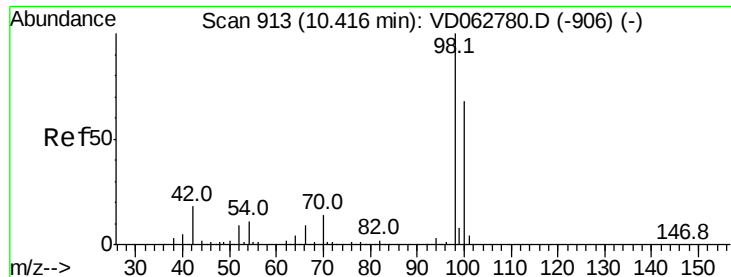


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

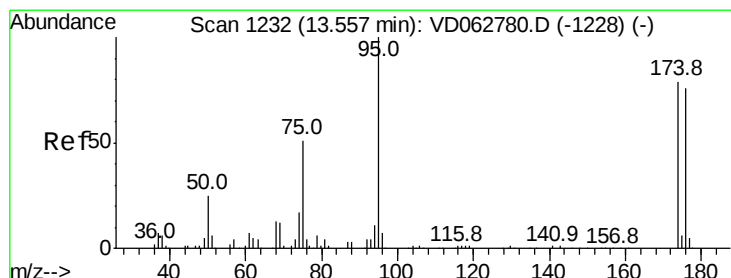
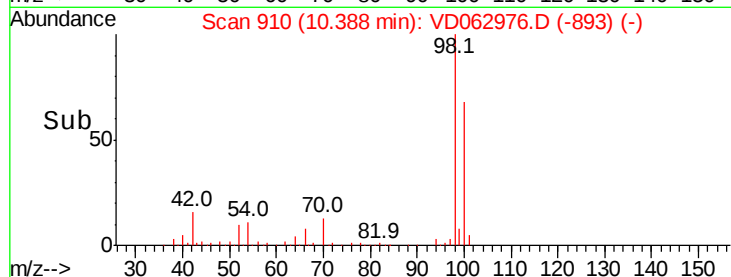
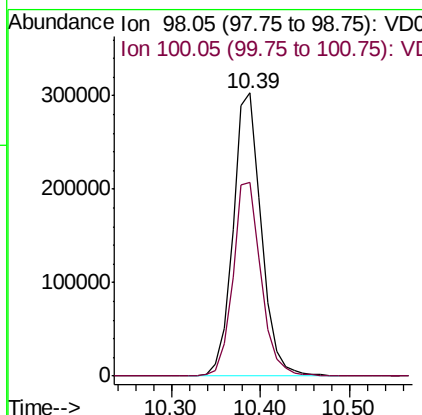
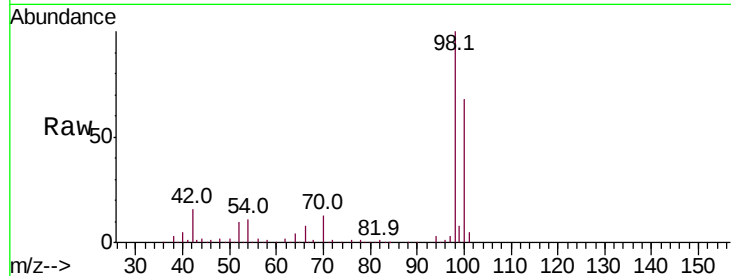




#50
Toluene-d8
Concen: 47.525 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062976.D
Acq: 28 Jun 2019 19:57

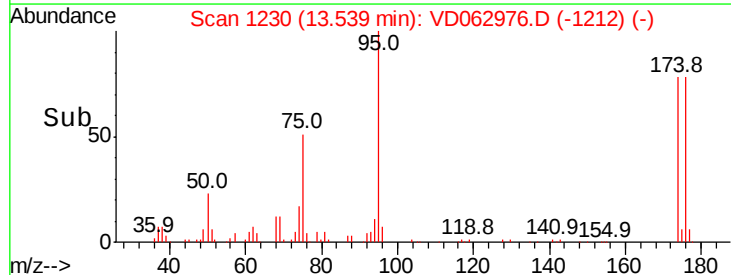
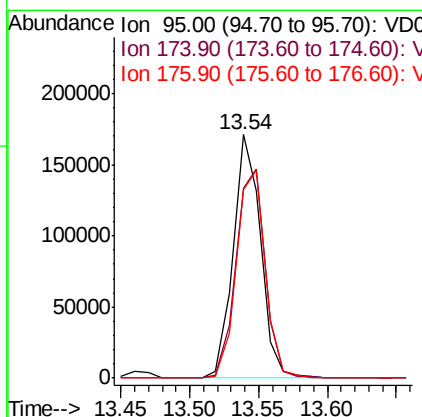
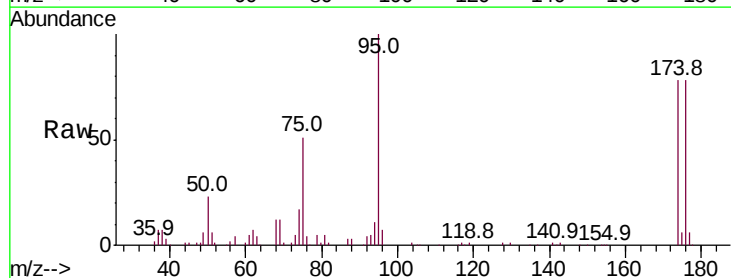
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-12

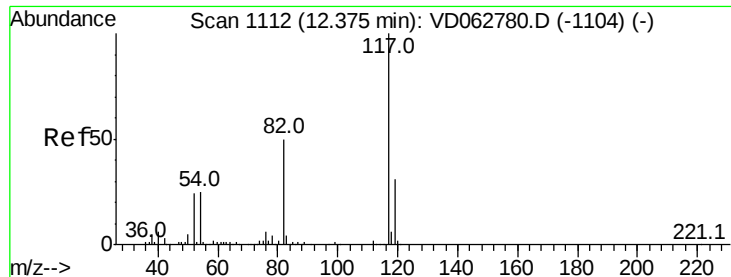
Tot Ion: 98 Resp: 673107
Ion Ratio Lower Upper
98 100
100 68.4 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 36.823 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062976.D
Acq: 28 Jun 2019 19:57

Tgt Ion: 95 Resp: 237143
Ion Ratio Lower Upper
95 100
174 77.8 0.0 158.0
176 77.6 0.0 151.6

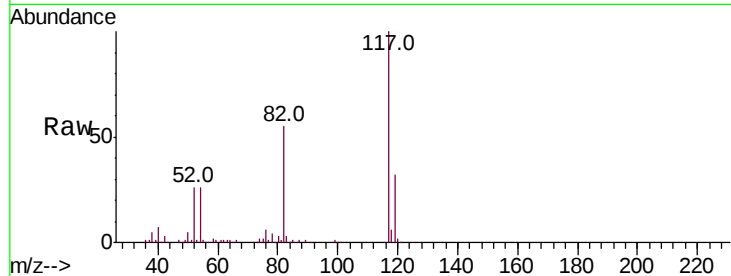




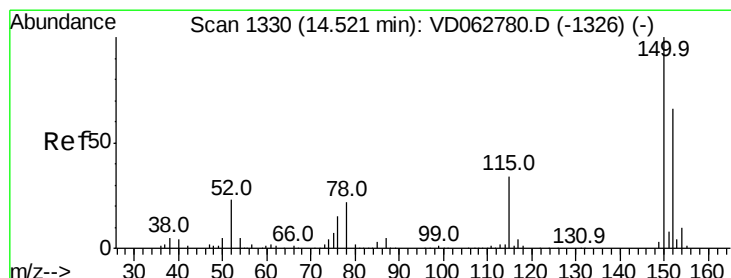
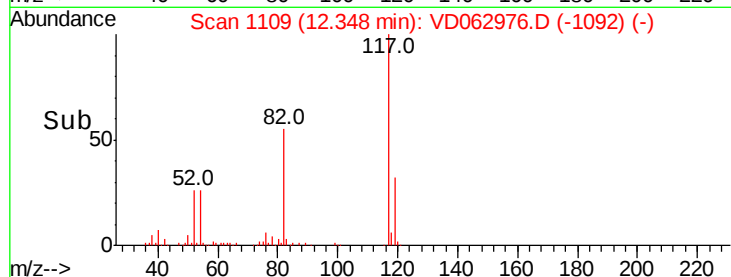
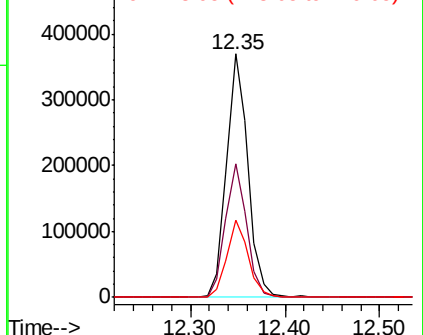
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VD062976.D
Acq: 28 Jun 2019 19:57

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-12

Tot Ion:117 Resp: 577505
Ion Ratio Lower Upper
117 100
82 54.7 40.4 60.6
119 31.6 25.2 37.8

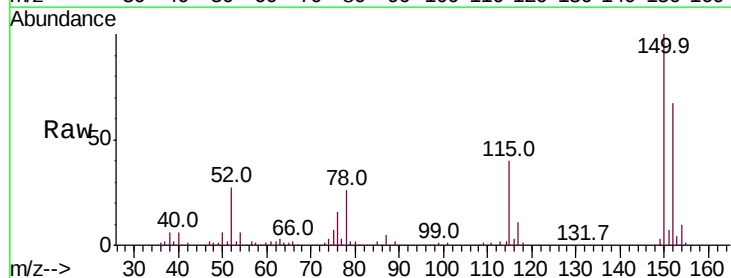


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062976.D
Acq: 28 Jun 2019 19:57

Tgt Ion:152 Resp: 233439
Ion Ratio Lower Upper
152 100
115 59.6 29.2 87.6
150 150.1 0.0 305.8



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

