

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050919\
 Data File : VD062197.D
 Acq On : 9 May 2019 19:28
 Operator : FY/SY
 Sample : K2717-03
 Misc : 5.66g/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0612-01

Quant Time: May 10 05:03:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

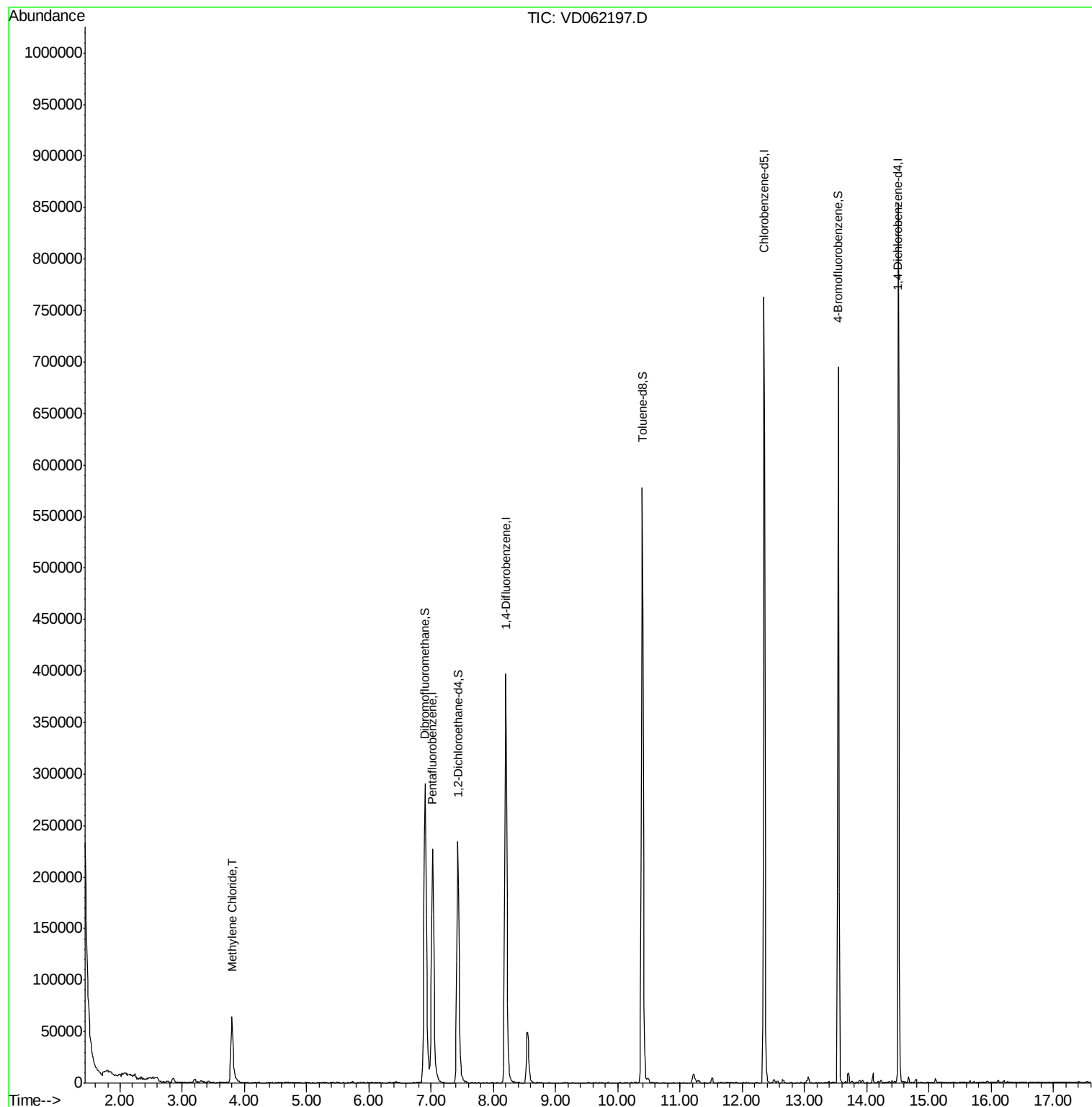
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	230026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	446785	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	423384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	189208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	253985	118.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	237.62%	
35) Dibromofluoromethane	6.90	113	270898	73.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.16%	
50) Toluene-d8	10.39	98	485800	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
62) 4-Bromofluorobenzene	13.54	95	220338	61.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.78%	
Target Compounds						
20) Methylene Chloride	3.80	84	43416	23.195	ug/l	Qvalue 85

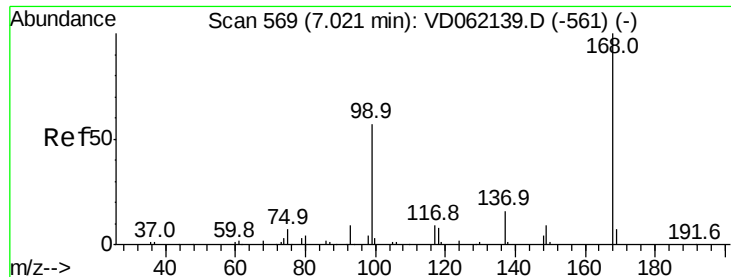
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD062197.D

Acq: 9 May 2019 19:28

Instrument :

MSVOA_D

ClientSampleId :

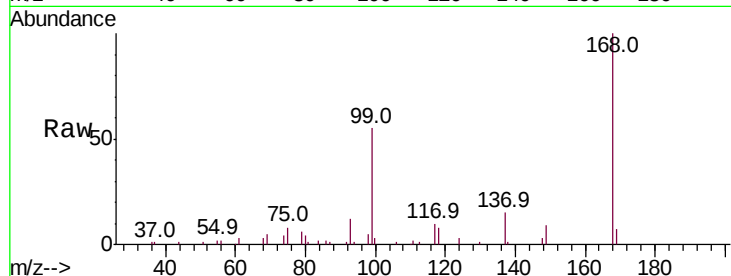
P026-SS001-0612-01

Tot Ion:168 Resp: 230026

Ion Ratio Lower Upper

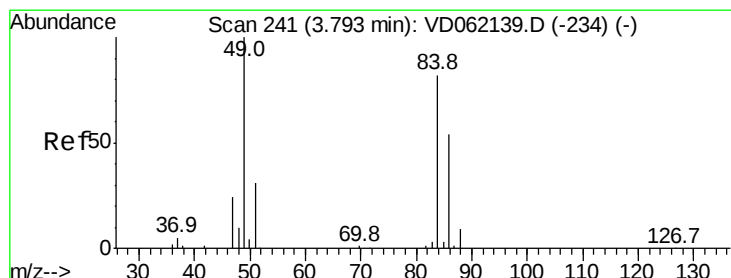
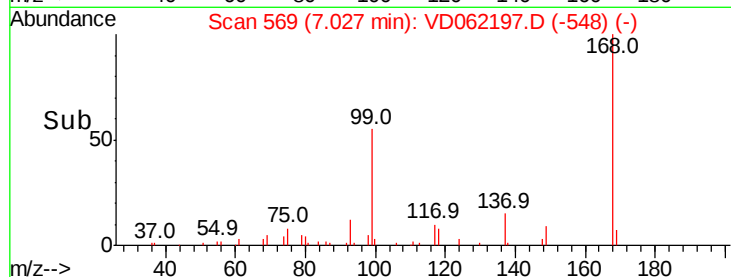
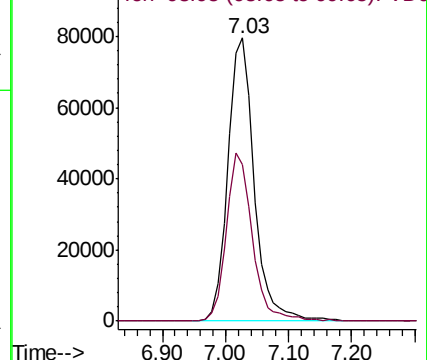
168 100

99 55.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 23.195 ug/l

RT: 3.80 min Scan# 241

Delta R.T. 0.01 min

Lab File: VD062197.D

Acq: 9 May 2019 19:28

Tgt Ion: 84 Resp: 43416

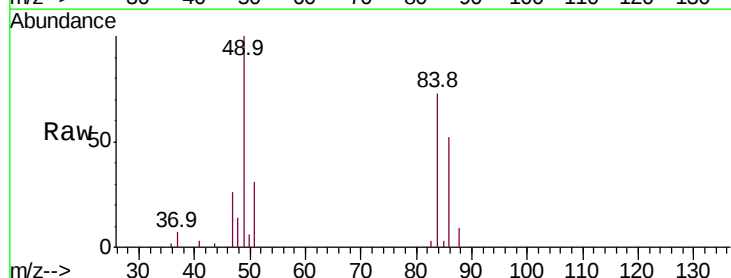
Ion Ratio Lower Upper

84 100

49 136.9 94.0 141.0

51 42.2 29.0 43.4

86 71.3 49.8 74.6

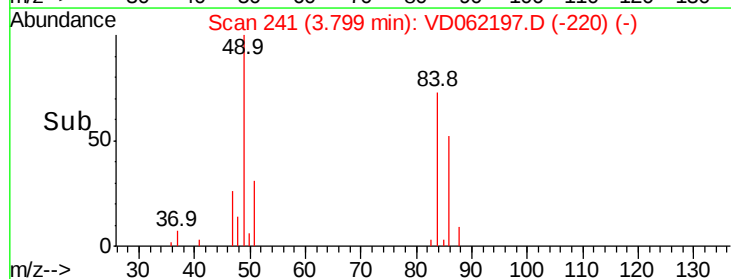
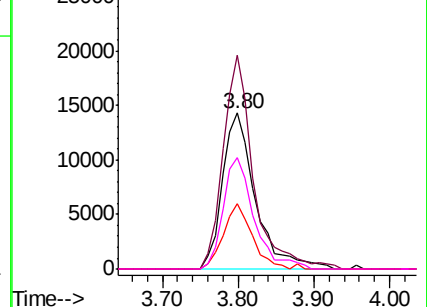


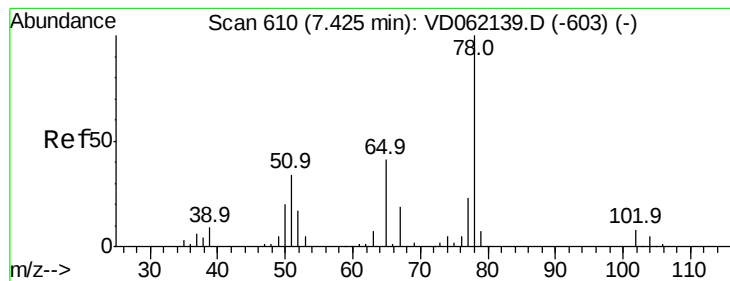
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: 118.814 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.01 min

Lab File: VD062197.D

Acq: 9 May 2019 19:28

Instrument :

MSVOA_D

ClientSampleId :

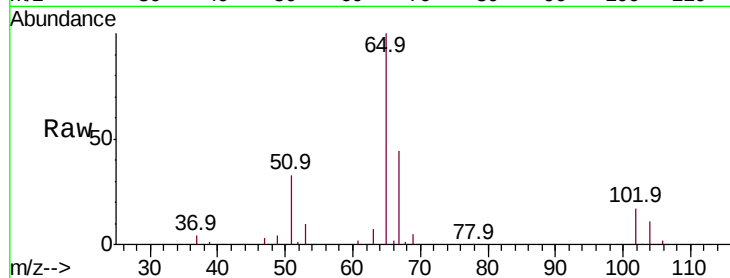
P026-SS001-0612-01

Tot Ion: 65 Resp: 253985

Ion Ratio Lower Upper

65 100

67 44.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

100000

80000

60000

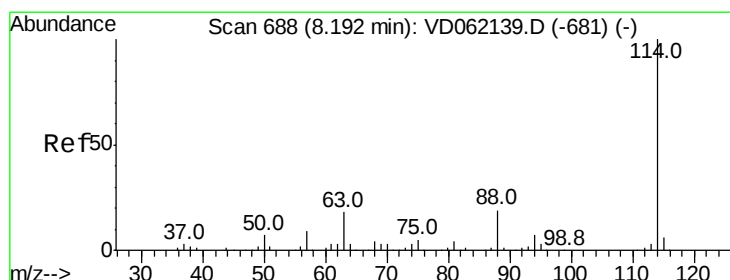
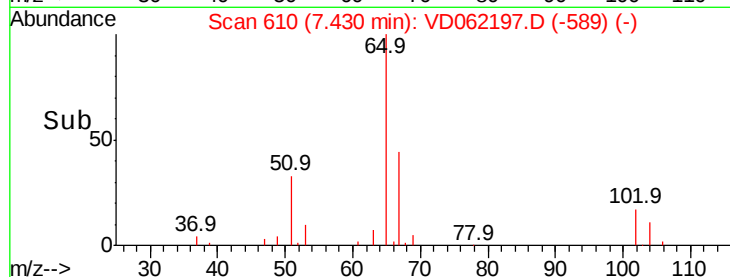
40000

20000

0

7.30 7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. 0.01 min

Lab File: VD062197.D

Acq: 9 May 2019 19:28

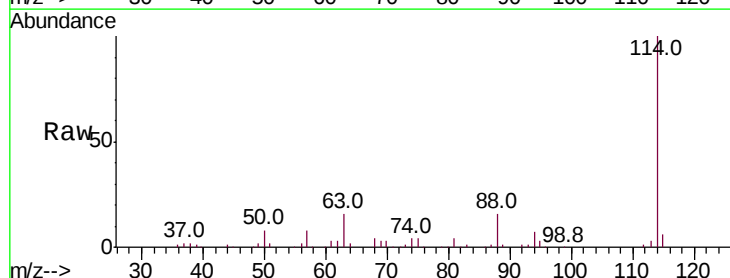
Tgt Ion: 114 Resp: 446785

Ion Ratio Lower Upper

114 100

63 16.0 0.0 32.4

88 16.5 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

250000

200000

150000

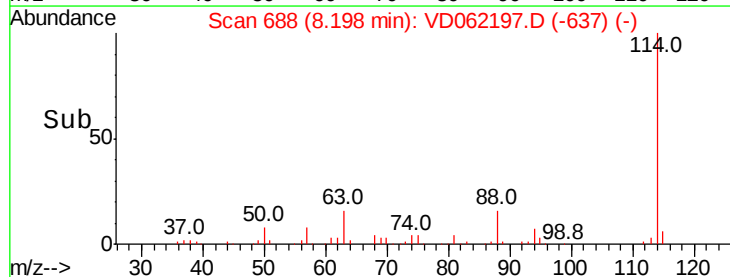
100000

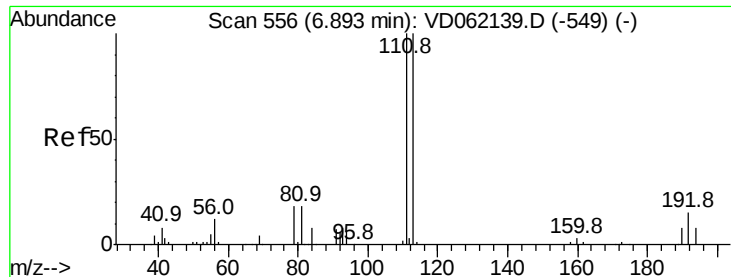
50000

0

8.10 8.20 8.30 8.40

Time-->

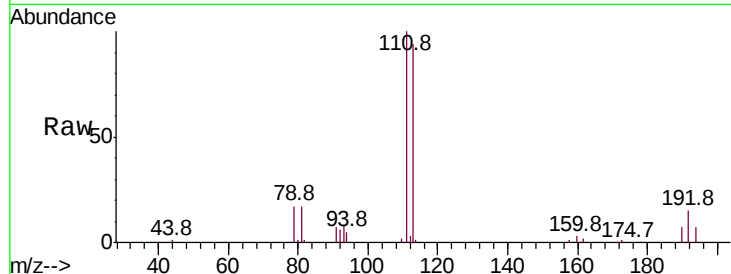




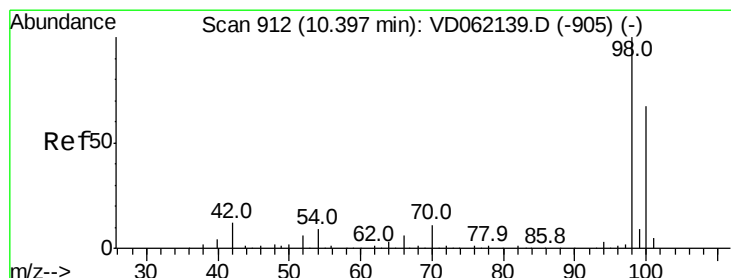
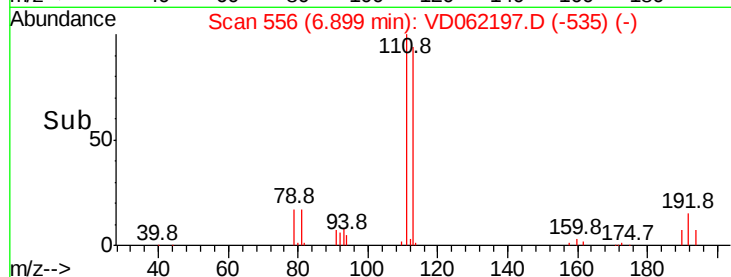
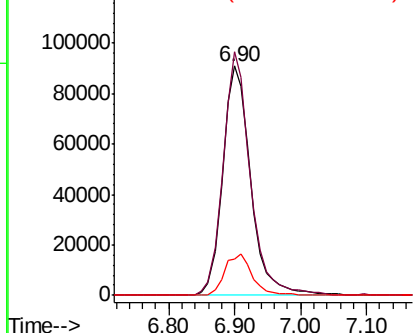
#35
 Dibromofluoromethane
 Concen: 73.077 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: VD062197.D
 Acq: 9 May 2019 19:28

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0612-01

Tot Ion:113 Resp: 270898
 Ion Ratio Lower Upper
 113 100
 111 106.2 78.5 117.7
 192 15.8 13.0 19.4

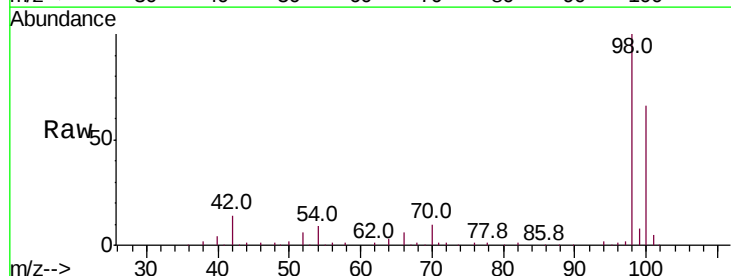


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

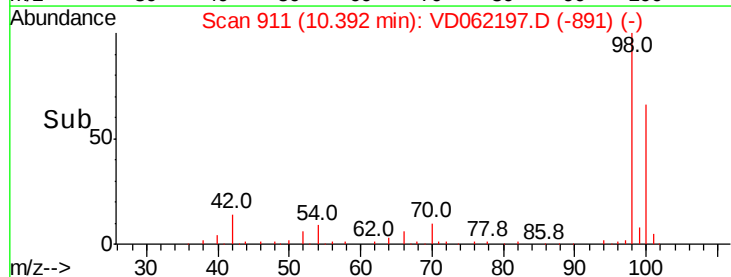
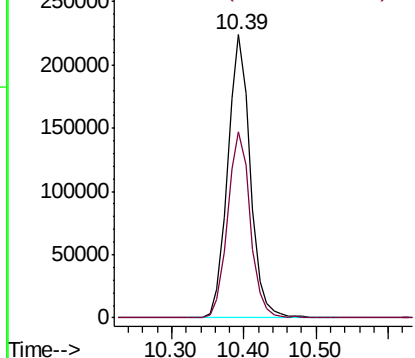


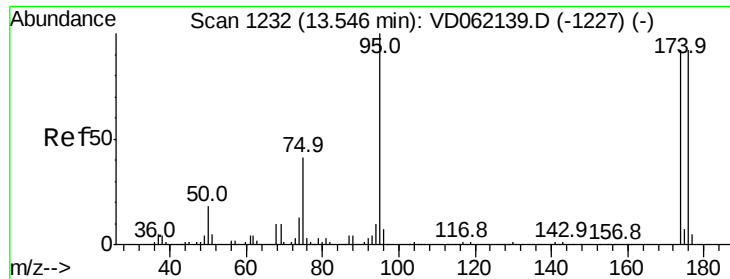
#50
 Toluene-d8
 Concen: 54.353 ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: VD062197.D
 Acq: 9 May 2019 19:28

Tgt Ion: 98 Resp: 485800
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.8 80.8



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

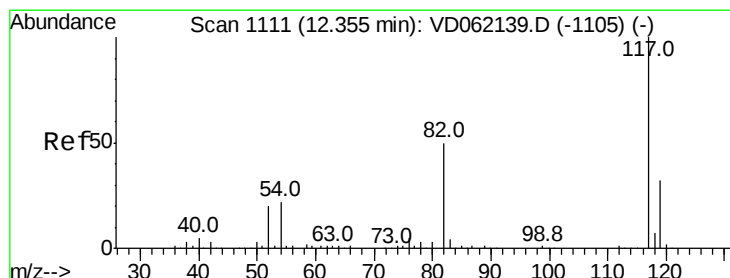
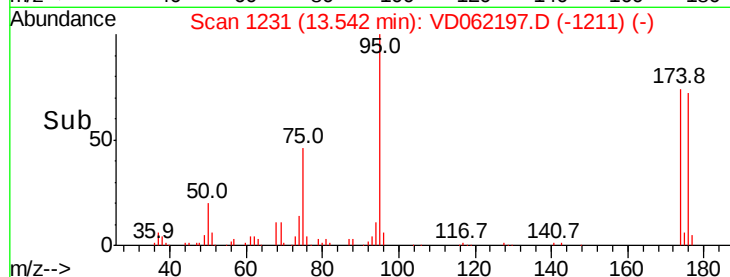
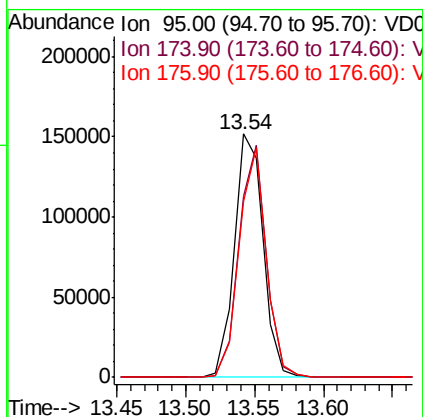
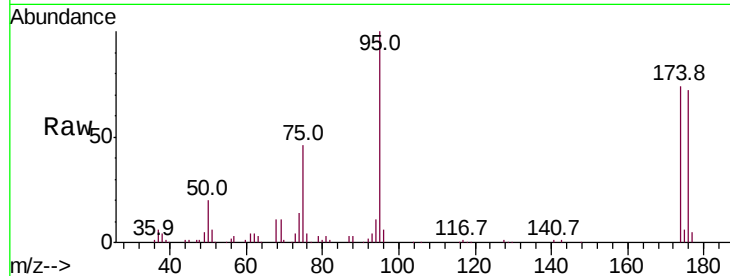




#62
4-Bromofluorobenzene
Concen: 61.390 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD062197.D
Acq: 9 May 2019 19:28

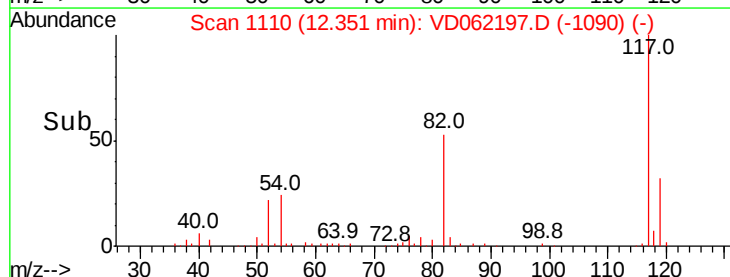
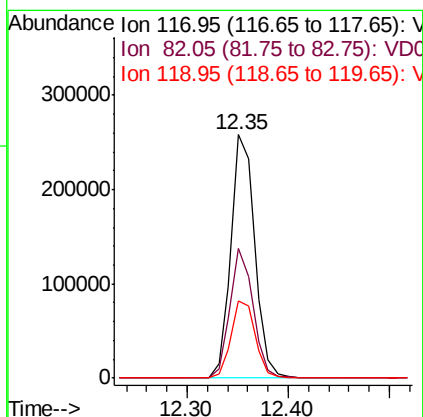
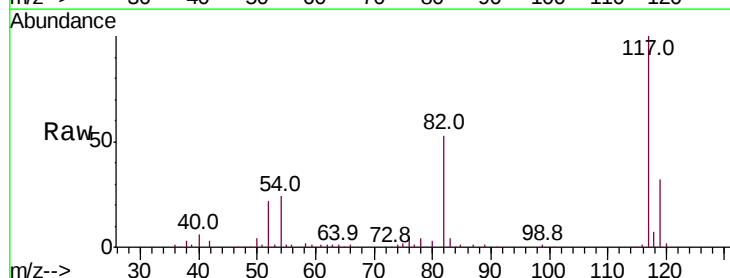
Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0612-01

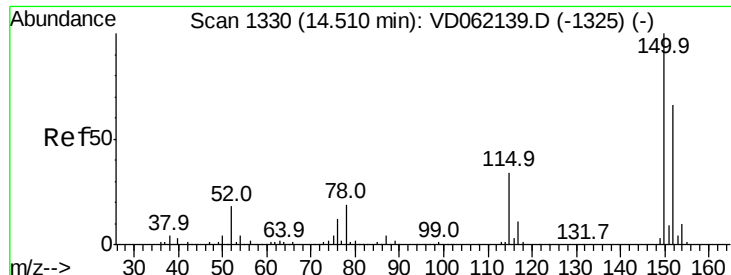
Tot Ion: 95 Resp: 220338
Ion Ratio Lower Upper
95 100
174 74.5 0.0 181.8
176 72.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD062197.D
Acq: 9 May 2019 19:28

Tgt Ion: 117 Resp: 423384
Ion Ratio Lower Upper
117 100
82 53.1 36.2 54.2
119 31.8 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD062197.D

Acq: 9 May 2019 19:28

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0612-01

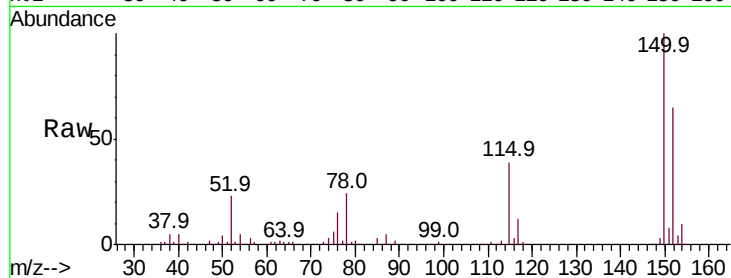
Tot Ion:152 Resp: 189208

Ion Ratio Lower Upper

152 100

115 60.9 30.9 92.7

150 154.8 0.0 314.8



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

