

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061931.D
 Acq On : 20 Apr 2019 4:57
 Operator : VA/AP
 Sample : K2201-03
 Misc : 6.74g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-B

Quant Time: Apr 20 05:45:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

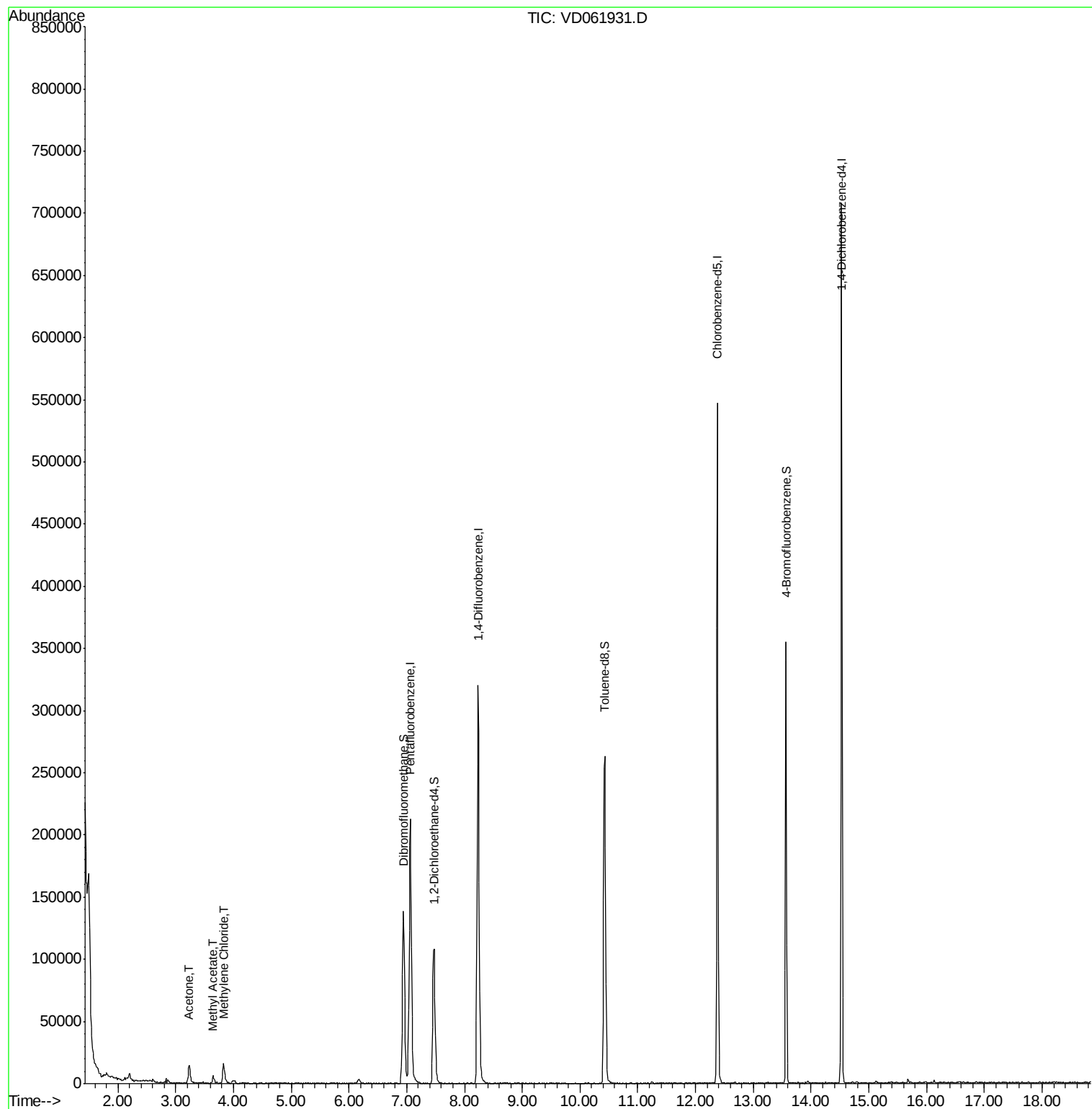
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	218448	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	388166	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	322547	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	157807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	116823	63.81	ug/l	0.01
Spiked Amount 50.000			Recovery	=	127.62%	
35) Dibromofluoromethane	6.94	113	132835	45.30	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.60%	
50) Toluene-d8	10.43	98	246917	35.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.06%	
62) 4-Bromofluorobenzene	13.56	95	119127	42.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.60%	
Target Compounds						
16) Acetone	3.23	43	26564	58.871	ug/l	Qvalue 100
18) Methyl Acetate	3.65	43	10210	11.289	ug/l #	87
20) Methylene Chloride	3.83	84	12513	1.092	ug/l	87

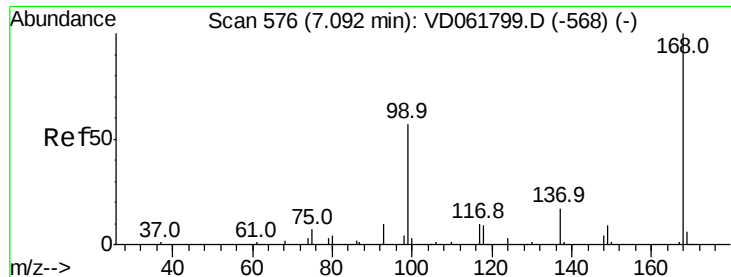
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD061931.D

Acq: 20 Apr 2019 4:57

Instrument :

MSVOA_D

ClientSampleId :

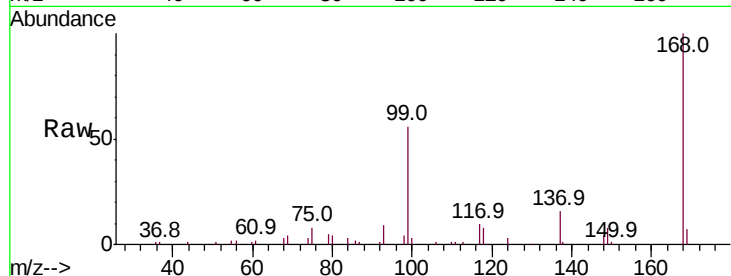
PL-01-041819-B

Tot Ion:168 Resp: 218448

Ion Ratio Lower Upper

168 100

99 56.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

80000

60000

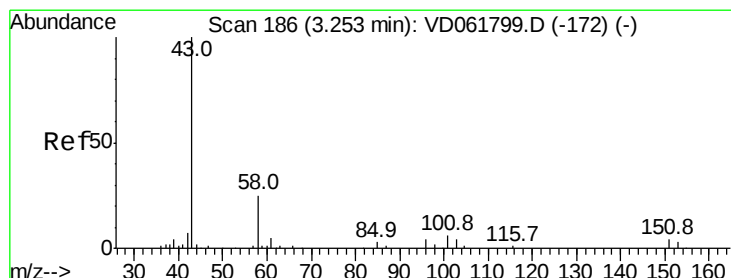
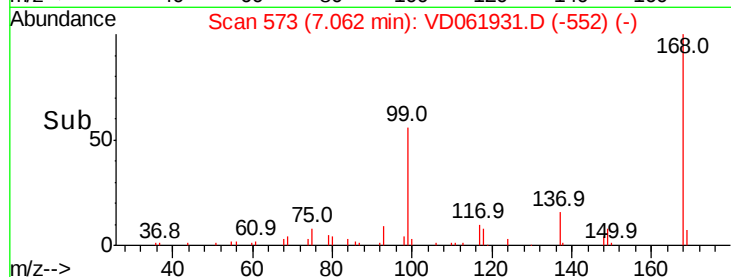
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 58.871 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD061931.D

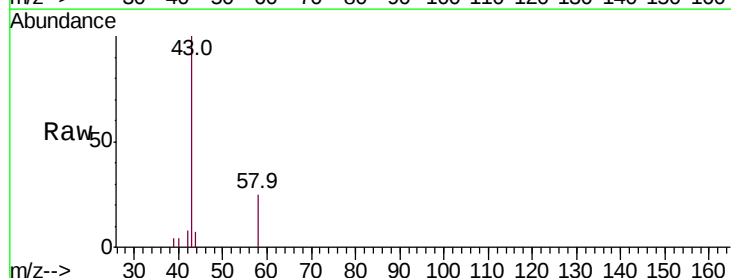
Acq: 20 Apr 2019 4:57

Tgt Ion: 43 Resp: 26564

Ion Ratio Lower Upper

43 100

58 25.0 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

12000

10000

8000

6000

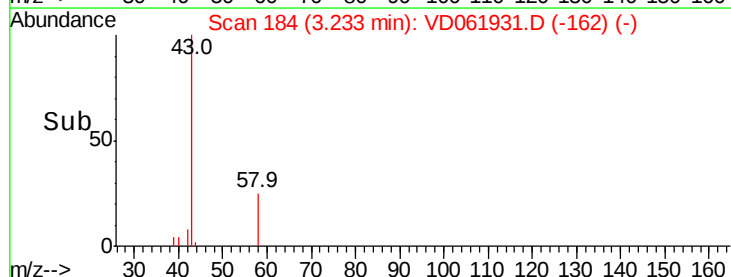
4000

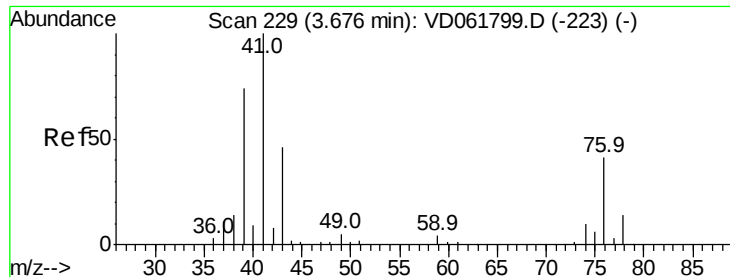
2000

0

Time-->

3.20 3.30





#18

Methyl Acetate

Concen: 11.289 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.01 min

Lab File: VD061931.D

Acq: 20 Apr 2019 4:57

Instrument :

MSVOA_D

ClientSampleId :

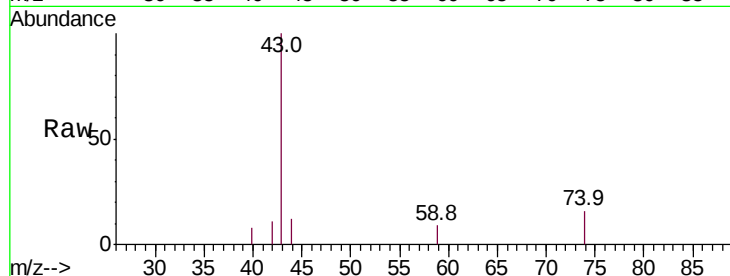
PL-01-041819-B

Tot Ion: 43 Resp: 10210

Ion Ratio Lower Upper

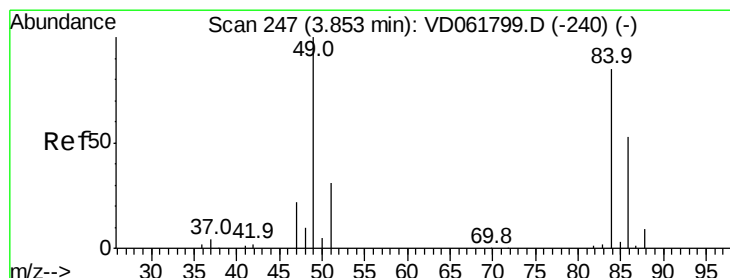
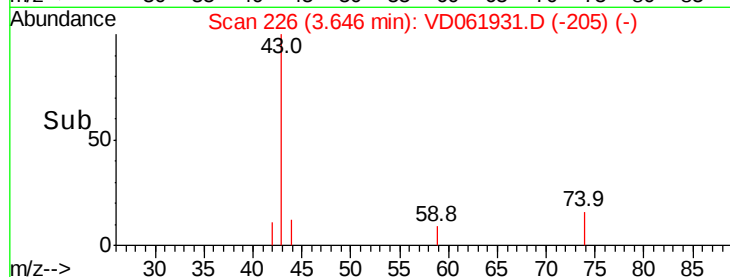
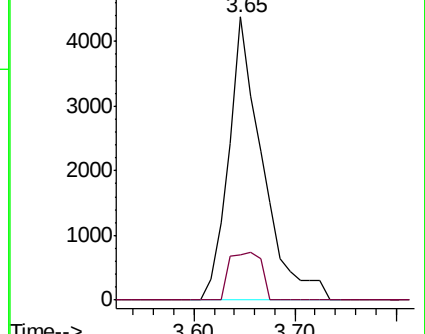
43 100

74 16.1 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



#20

Methylene Chloride

Concen: 1.092 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.02 min

Lab File: VD061931.D

Acq: 20 Apr 2019 4:57

Tgt Ion: 84 Resp: 12513

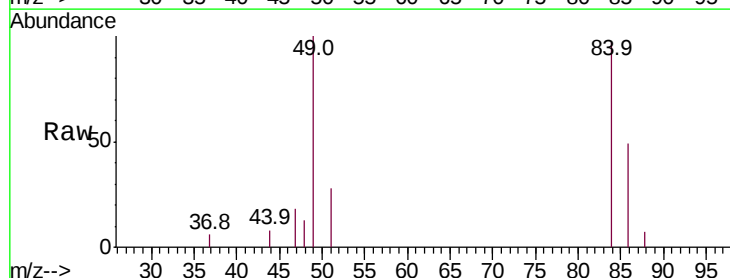
Ion Ratio Lower Upper

84 100

49 103.5 94.0 141.0

51 29.2 29.0 43.4

86 50.8 49.8 74.6

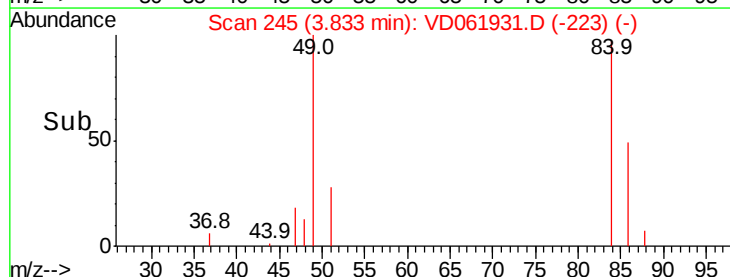
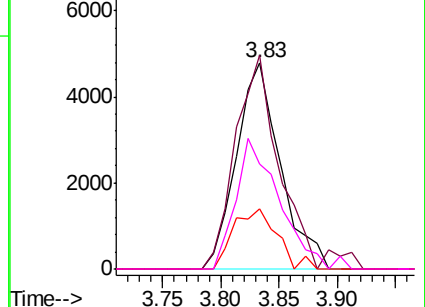


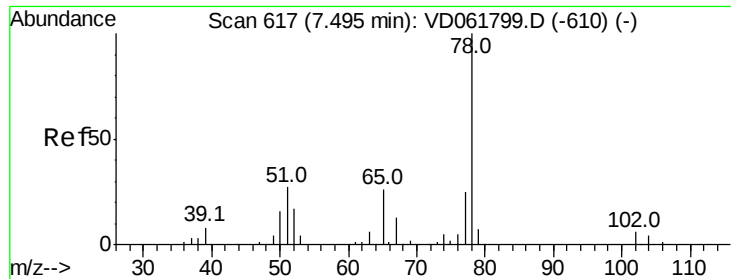
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 63.810 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061931.D

Acq: 20 Apr 2019 4:57

Instrument :

MSVOA_D

ClientSampleId :

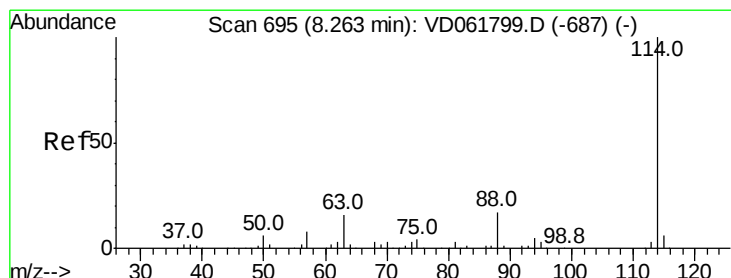
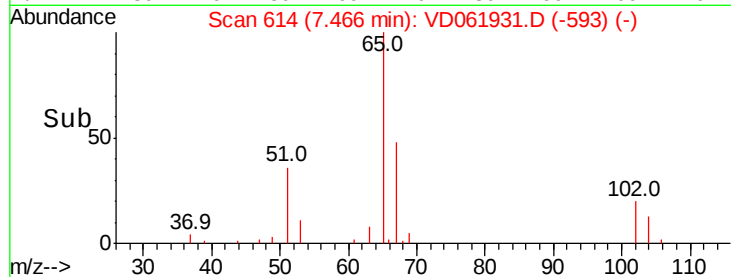
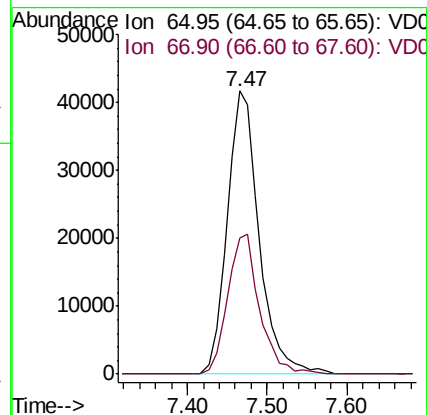
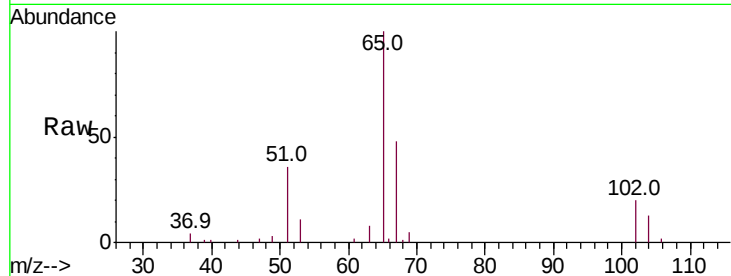
PL-01-041819-B

Tot Ion: 65 Resp: 116823

Ion Ratio Lower Upper

65 100

67 48.0 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.01 min

Lab File: VD061931.D

Acq: 20 Apr 2019 4:57

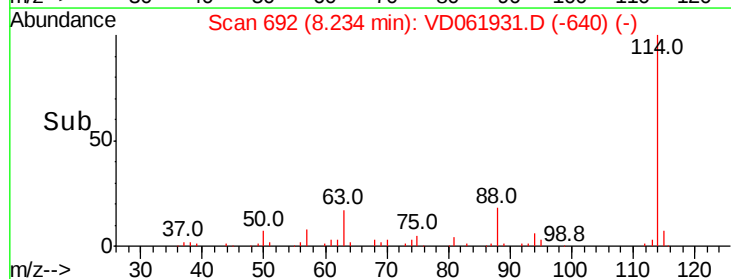
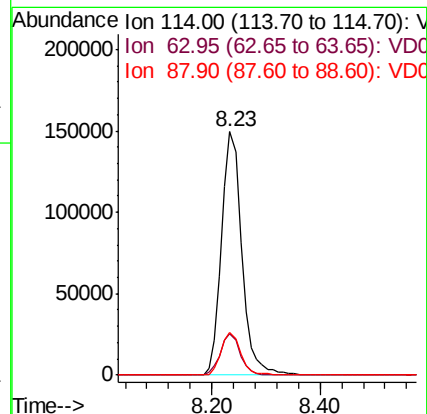
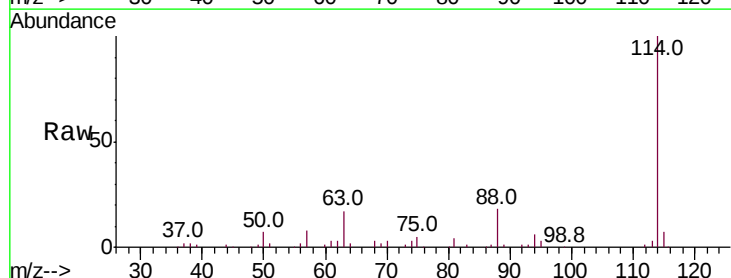
Tgt Ion: 114 Resp: 388166

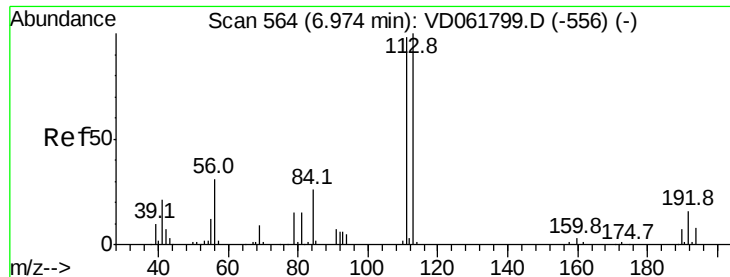
Ion Ratio Lower Upper

114 100

63 16.8 0.0 32.4

88 17.7 0.0 33.6

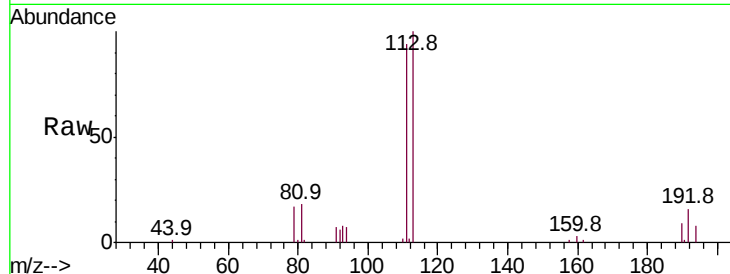




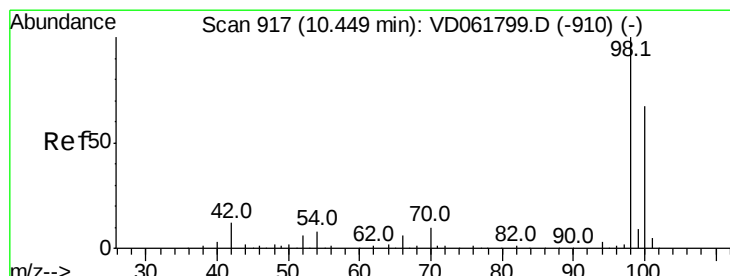
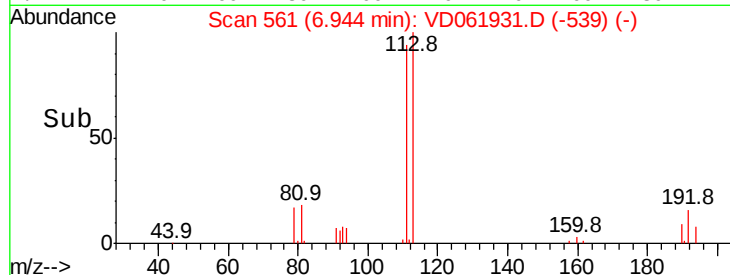
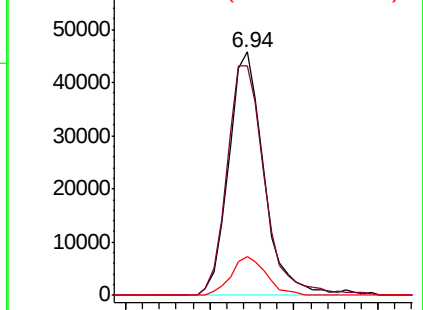
#35
 Dibromofluoromethane
 Concen: 45.296 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061931.D
 Acq: 20 Apr 2019 4:57

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-B

Tot Ion:113 Resp: 132835
 Ion Ratio Lower Upper
 113 100
 111 94.3 78.5 117.7
 192 15.7 13.0 19.4

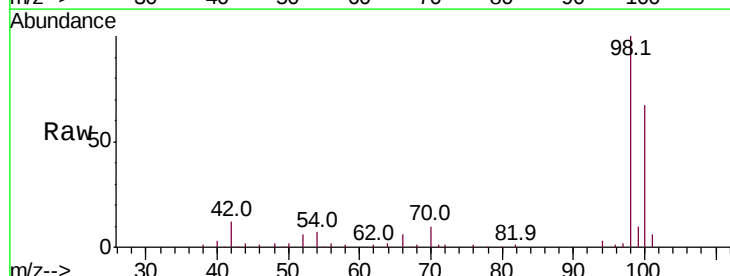


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

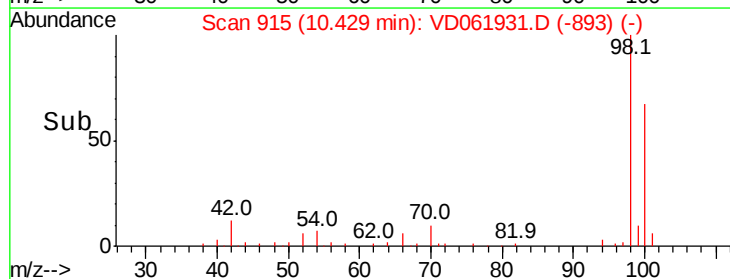
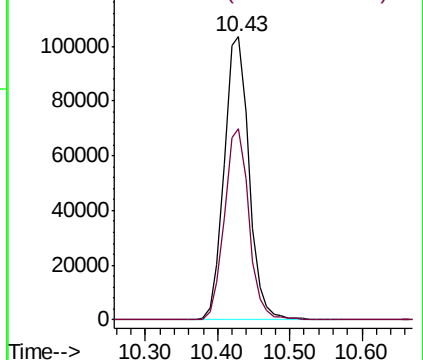


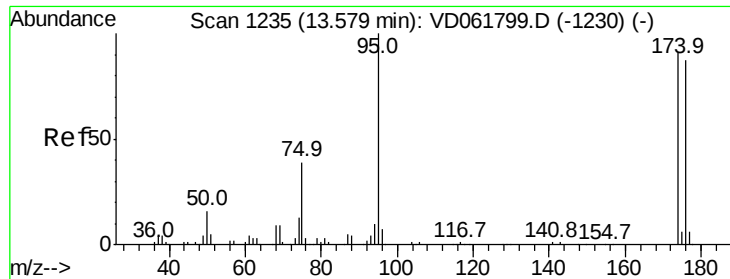
#50
 Toluene-d8
 Concen: 35.535 ug/l
 RT: 10.43 min Scan# 915
 Delta R.T. 0.02 min
 Lab File: VD061931.D
 Acq: 20 Apr 2019 4:57

Tgt Ion: 98 Resp: 246917
 Ion Ratio Lower Upper
 98 100
 100 67.4 53.8 80.8



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

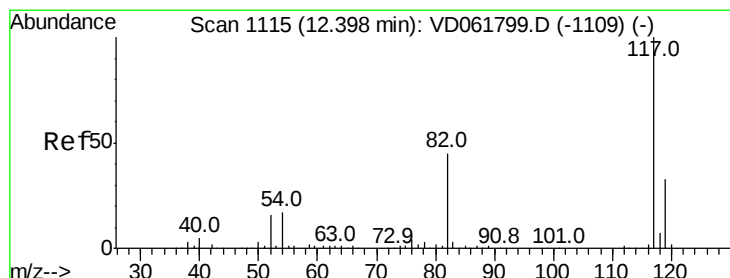
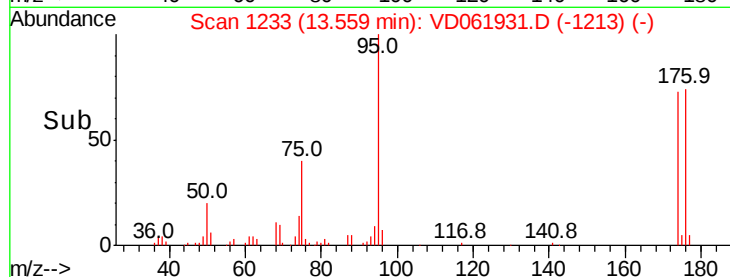
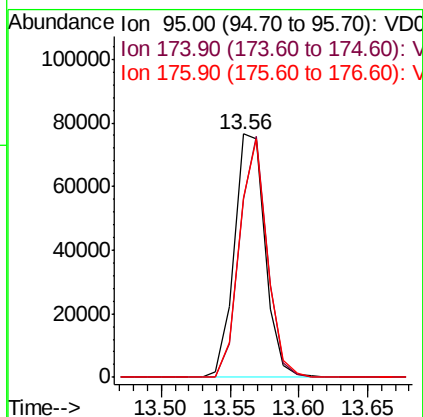
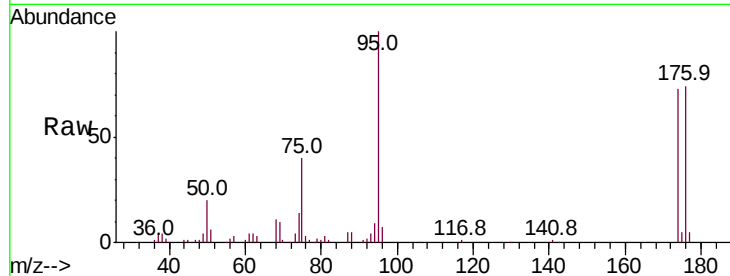




#62
 4-Bromofluorobenzene
 Concen: 42.298 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VD061931.D
 Acq: 20 Apr 2019 4:57

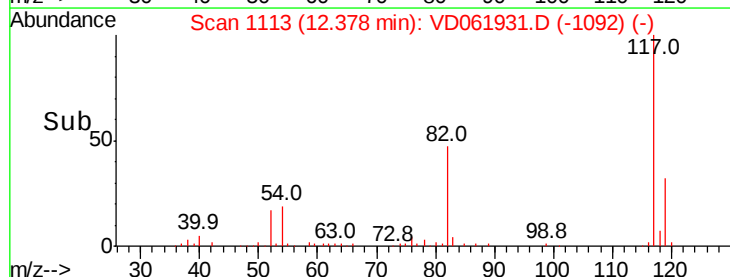
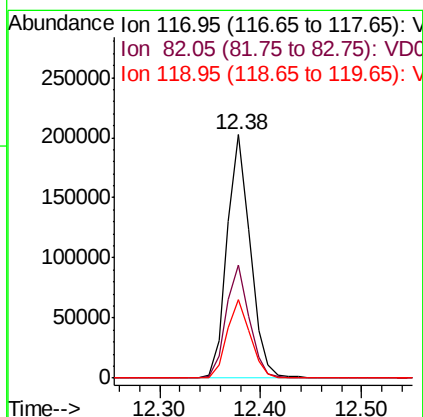
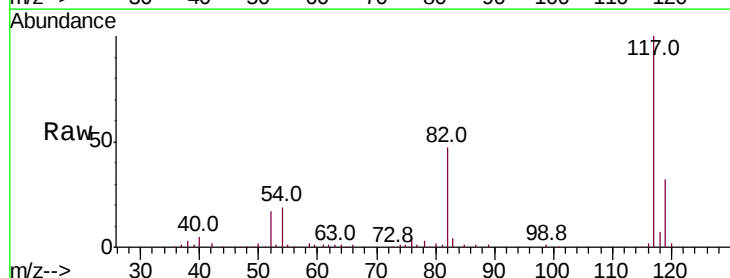
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-B

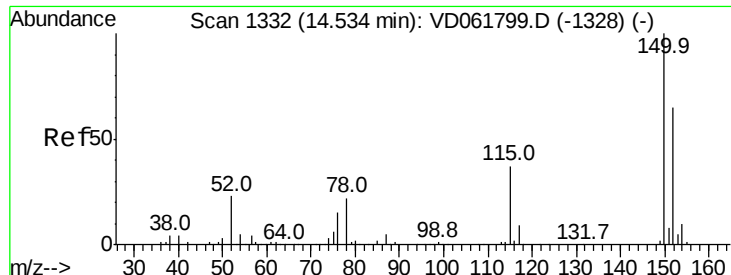
Tot Ion: 95 Resp: 119127
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 181.8
 176 73.9 0.0 174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: VD061931.D
 Acq: 20 Apr 2019 4:57

Tgt Ion: 117 Resp: 322547
 Ion Ratio Lower Upper
 117 100
 82 46.6 36.2 54.2
 119 32.2 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061931.D
 Acq: 20 Apr 2019 4:57

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-B

Tot Ion:	152	Resp:	157807
Ion	Ratio	Lower	Upper
152	100		
115	58.1	30.9	92.7
150	153.2	0.0	314.8

