

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061896.D
 Acq On : 19 Apr 2019 5:01
 Operator : VA/AP
 Sample : K2197-05
 Misc : 5.83g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-041619-A

Quant Time: Apr 19 05:33:31 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

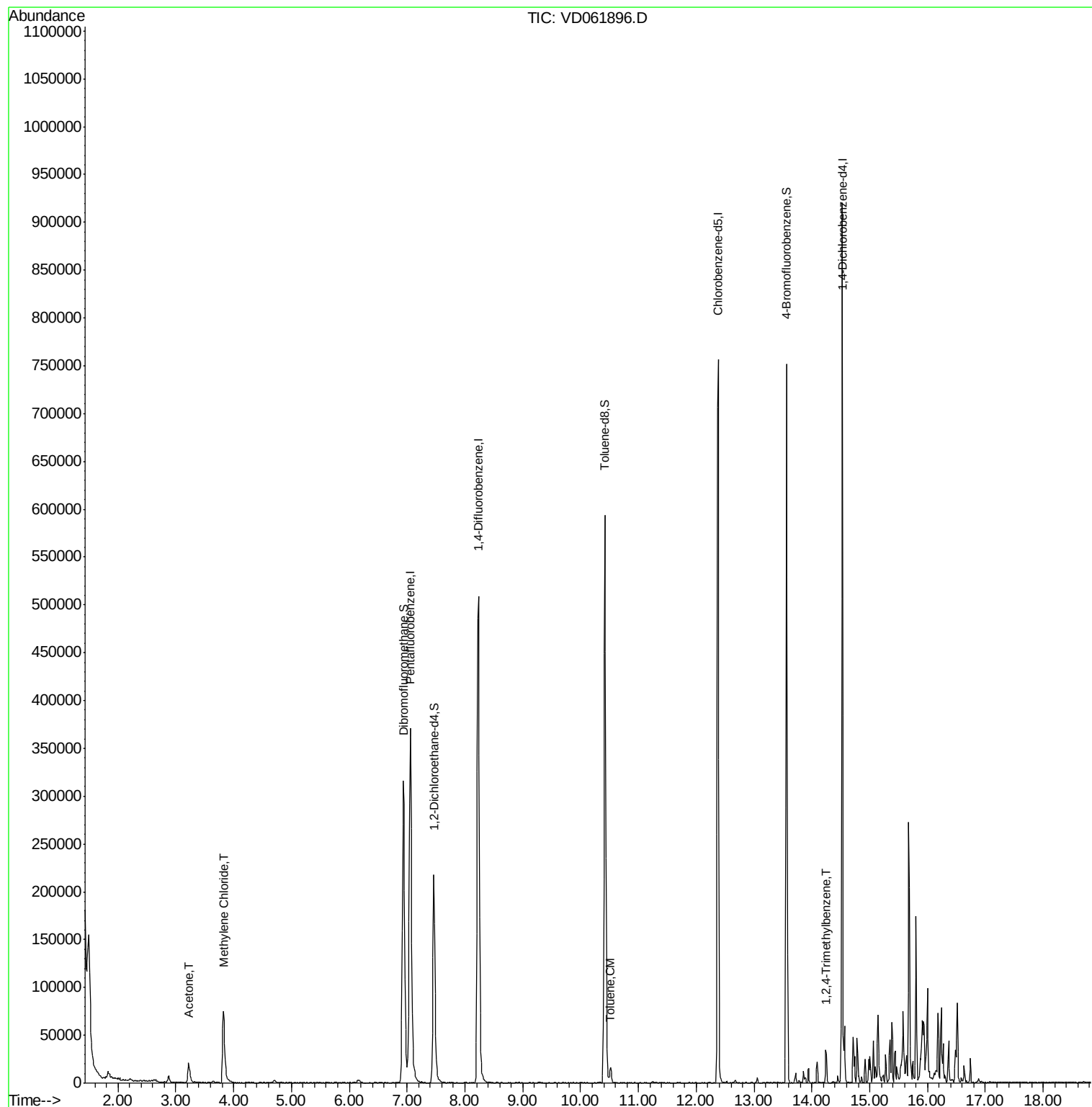
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	388422	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	616896	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	478792	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	205504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	221634	68.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	136.16%	
35) Dibromofluoromethane	6.93	113	303964	65.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	130.44%	
50) Toluene-d8	10.42	98	500074	45.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.56%	
62) 4-Bromofluorobenzene	13.56	95	226203	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
Target Compounds						
16) Acetone	3.22	43	39469	49.194	ug/l #	90
20) Methylene Chloride	3.82	84	56429	10.528	ug/l	97
52) Toluene	10.52	92	8522	1.099	ug/l	77
84) 1,2,4-Trimethylbenzene	14.24	105	18667	1.756	ug/l	95

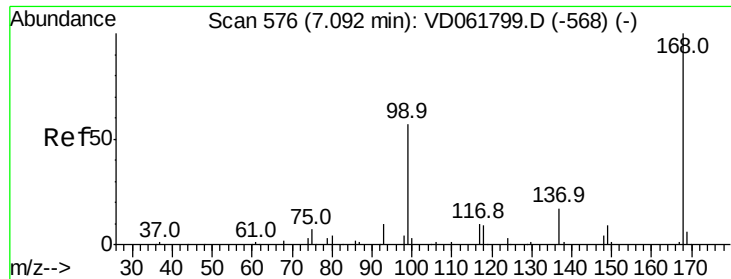
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041819\
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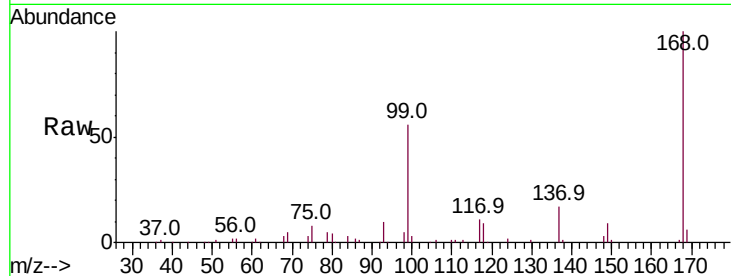




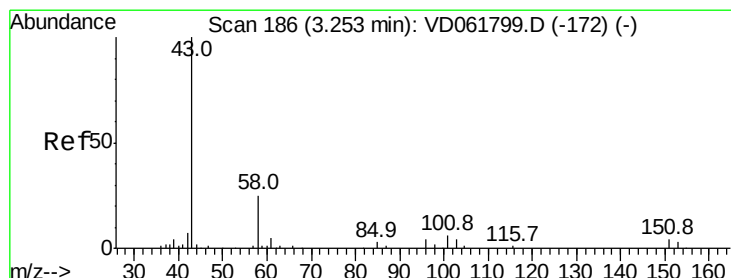
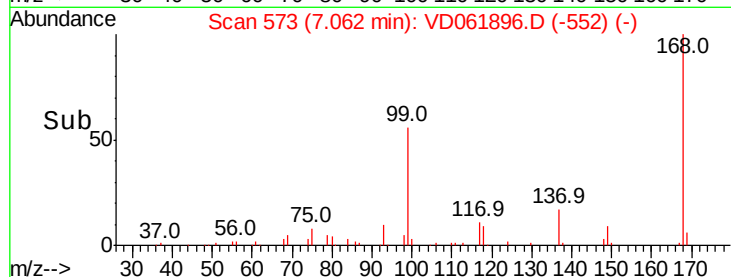
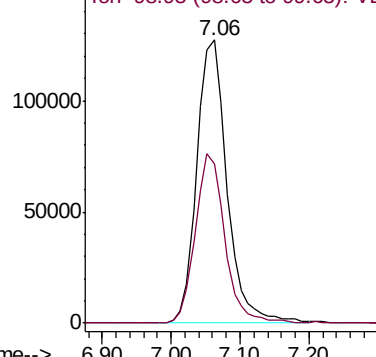
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.01 min
Lab File: VD061896.D
Acq: 19 Apr 2019 5:01

Instrument :
MSVOA_D
ClientSampleId :
CL-01-041619-A

Tot Ion:168 Resp: 388422
Ion Ratio Lower Upper
168 100
99 56.1 46.5 69.7

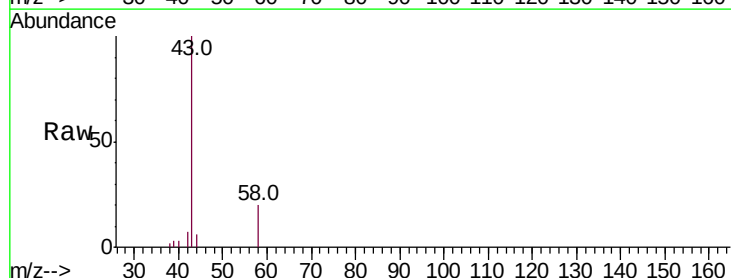


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

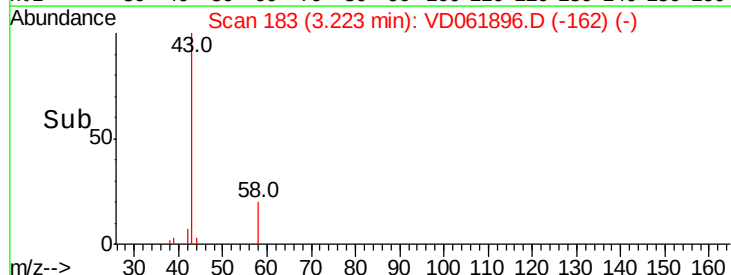
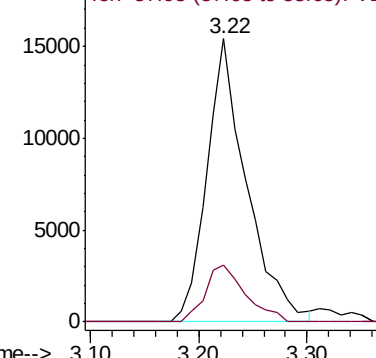


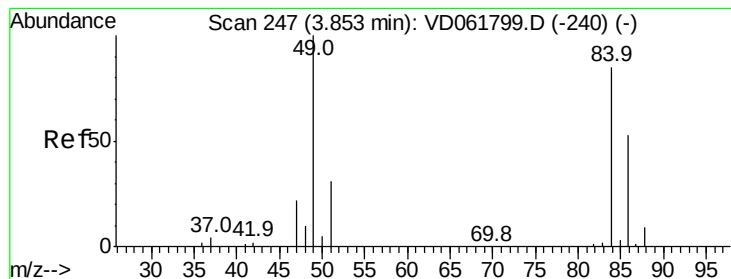
#16
Acetone
Concen: 49.194 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD061896.D
Acq: 19 Apr 2019 5:01

Tgt Ion: 43 Resp: 39469
Ion Ratio Lower Upper
43 100
58 19.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 10.528 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.01 min

Lab File: VD061896.D

Acq: 19 Apr 2019 5:01

Instrument :

MSVOA_D

ClientSampleId :

CL-01-041619-A

Tot Ion: 84 Resp: 56429

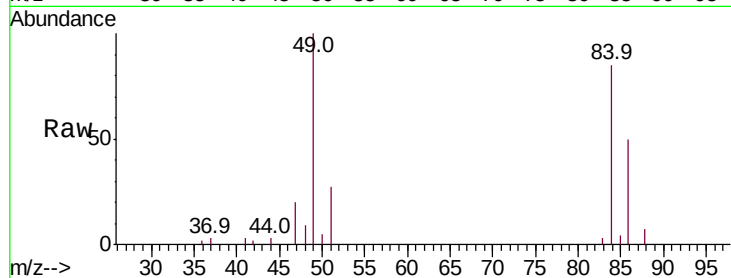
Ion Ratio Lower Upper

84 100

49 117.1 94.0 141.0

51 31.9 29.0 43.4

86 59.0 49.8 74.6

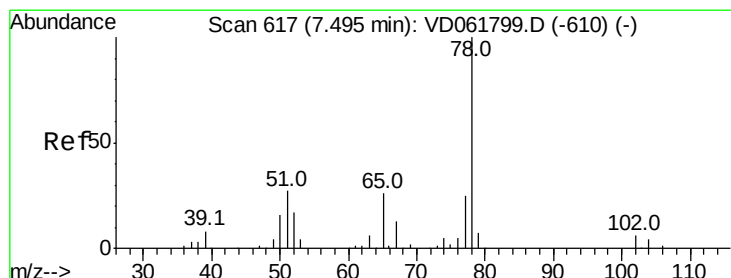
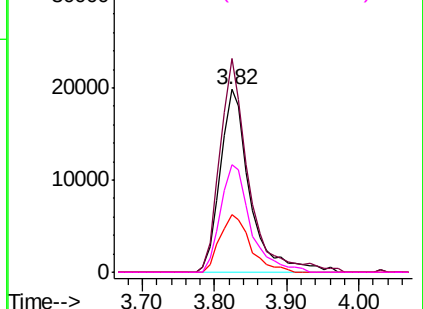
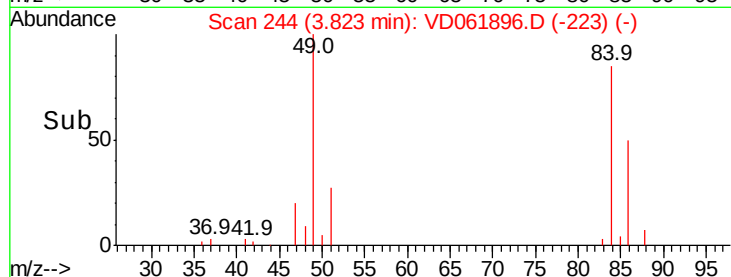


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061896.D

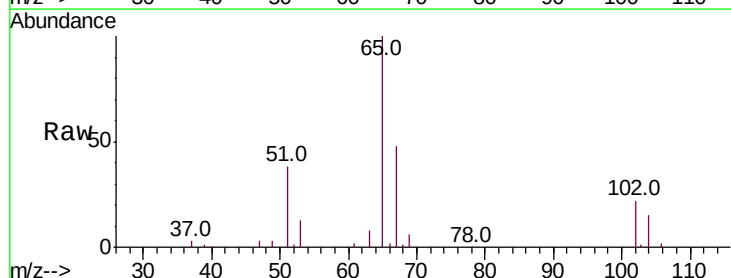
Acq: 19 Apr 2019 5:01

Tgt Ion: 65 Resp: 221634

Ion Ratio Lower Upper

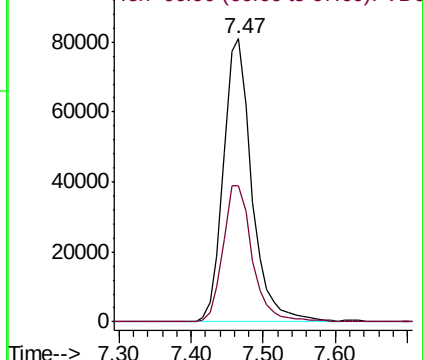
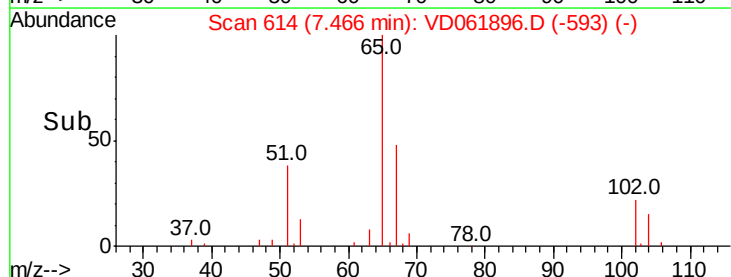
65 100

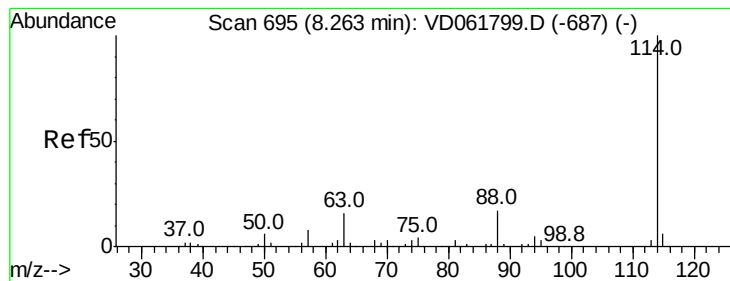
67 48.2 0.0 98.0



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: 8.23 min Scan# 692

Delta R.T. 0.01 min

Lab File: VD061896.D

Acq: 19 Apr 2019 5:01

Instrument :

MSVOA_D

ClientSampleId :

CL-01-041619-A

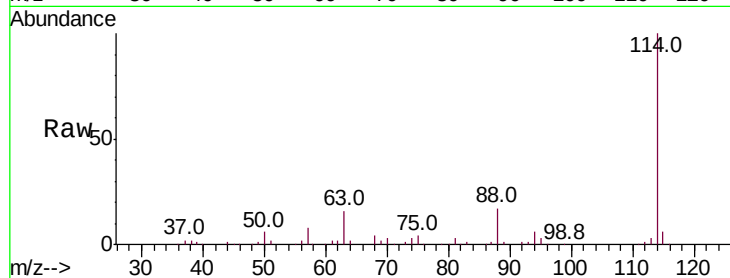
Tot Ion:114 Resp: 616896

Ion Ratio Lower Upper

114 100

63 16.4 0.0 32.4

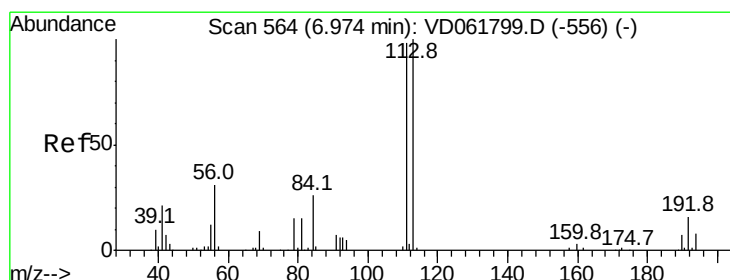
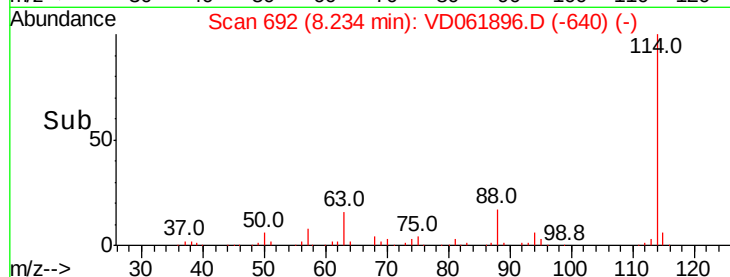
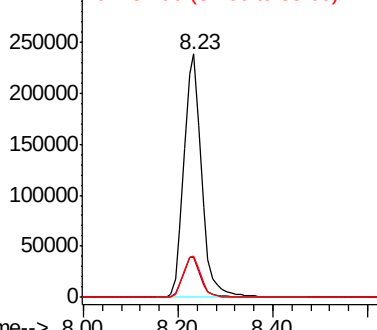
88 16.8 0.0 33.6



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: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061896.D

Acq: 19 Apr 2019 5:01

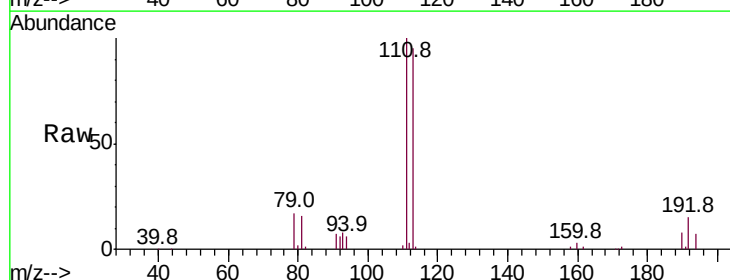
Tgt Ion:113 Resp: 303964

Ion Ratio Lower Upper

113 100

111 105.5 78.5 117.7

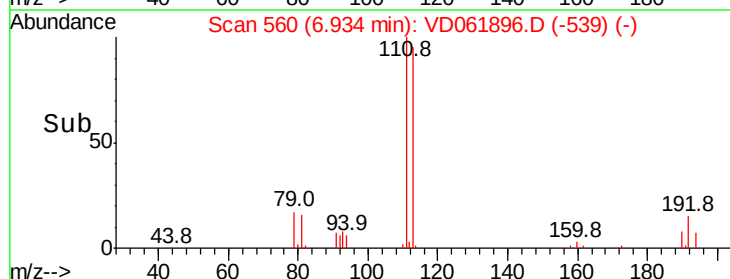
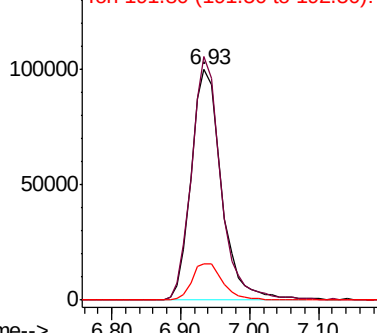
192 15.6 13.0 19.4

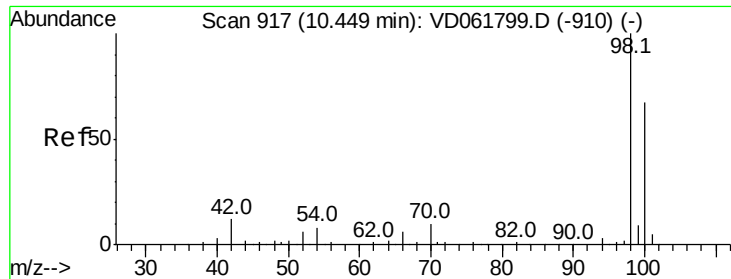


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061896.D

Acq: 19 Apr 2019 5:01

Instrument :

MSVOA_D

ClientSampleId :

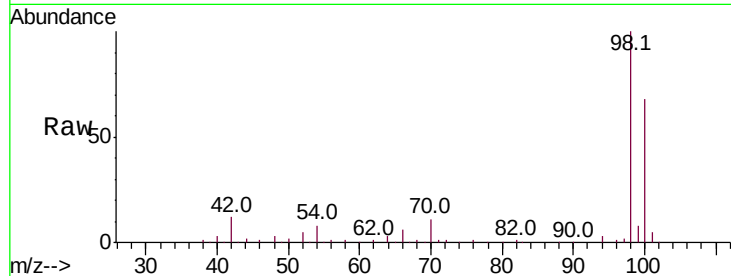
CL-01-041619-A

Tot Ion: 98 Resp: 500074

Ion Ratio Lower Upper

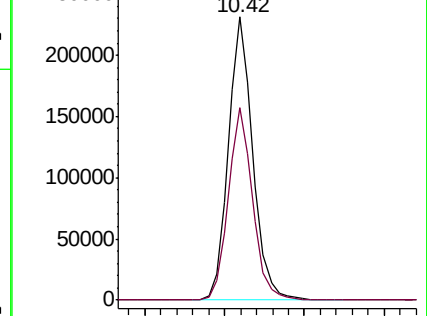
98 100

100 68.2 53.8 80.8

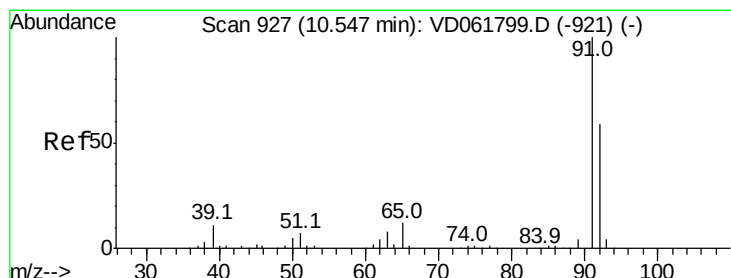
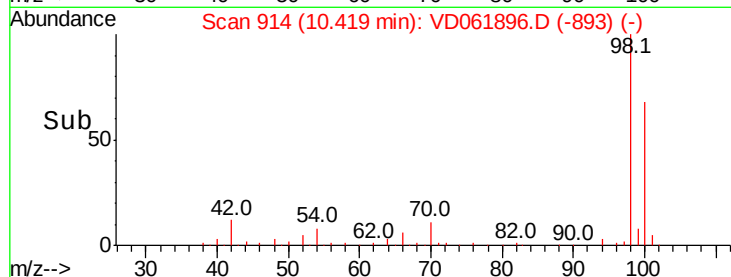


Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



Time-->



#52

Toluene

Concen: 1.099 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD061896.D

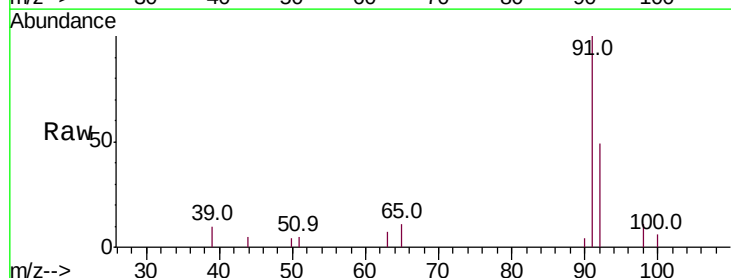
Acq: 19 Apr 2019 5:01

Tgt Ion: 92 Resp: 8522

Ion Ratio Lower Upper

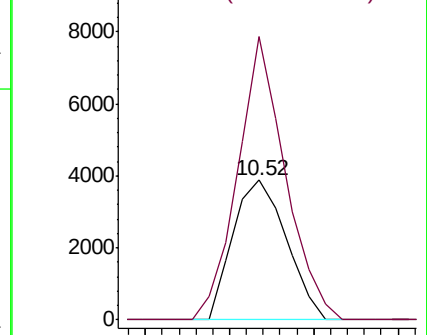
92 100

91 202.8 136.6 204.8

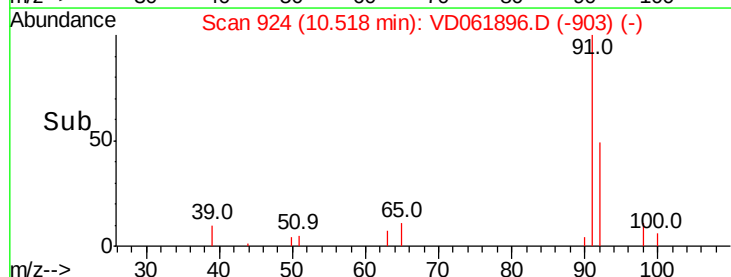


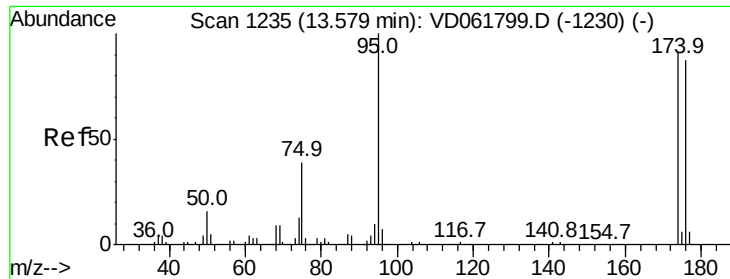
Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



Time-->

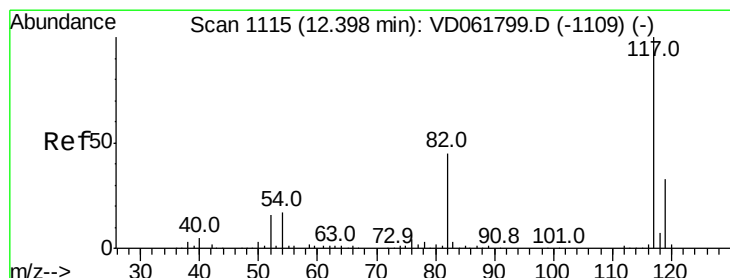
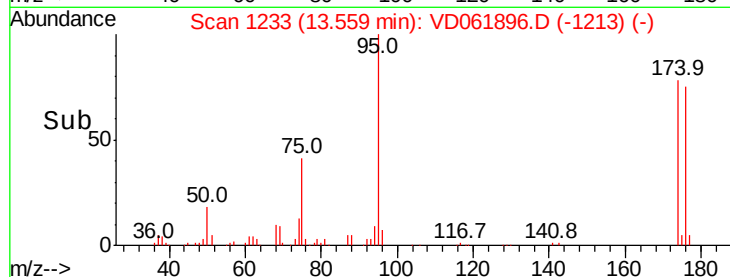
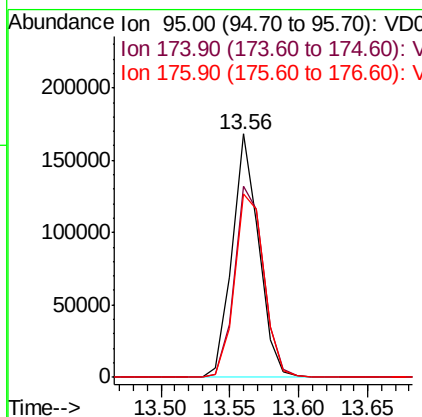
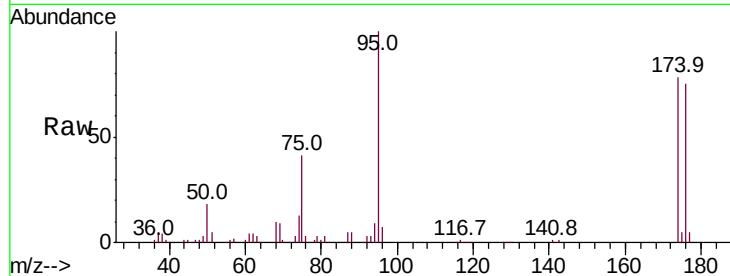




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VD061896.D
 Acq: 19 Apr 2019 5:01

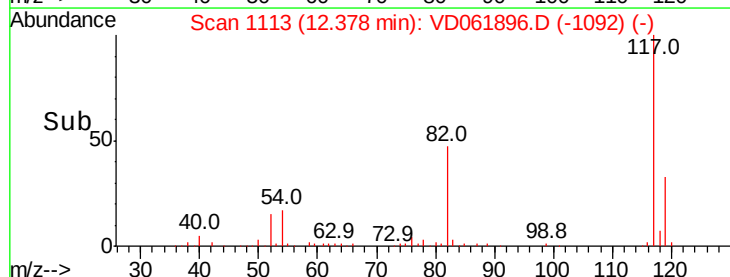
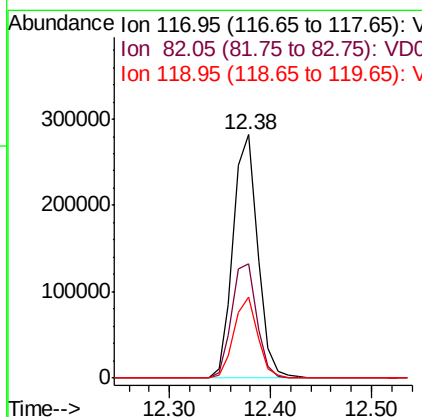
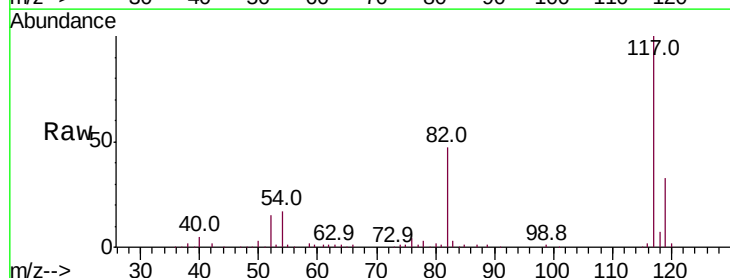
Instrument :
 MSVOA_D
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 CL-01-041619-A

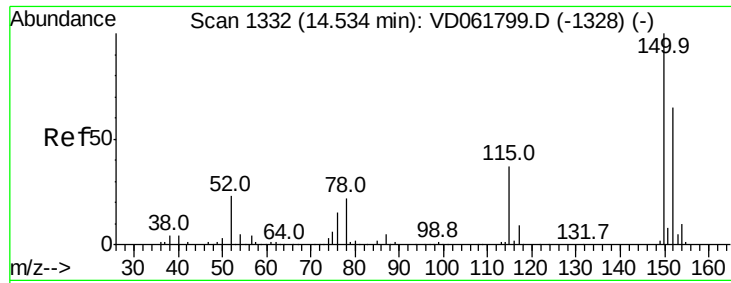
Tot Ion: 95 Resp: 226203
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 181.8
 176 75.3 0.0 174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: VD061896.D
 Acq: 19 Apr 2019 5:01

Tgt Ion: 117 Resp: 478792
 Ion Ratio Lower Upper
 117 100
 82 47.2 36.2 54.2
 119 33.3 26.2 39.4

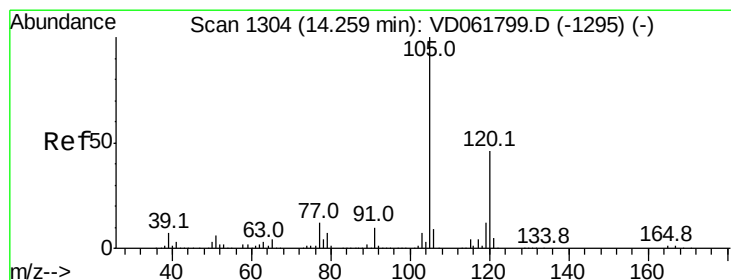
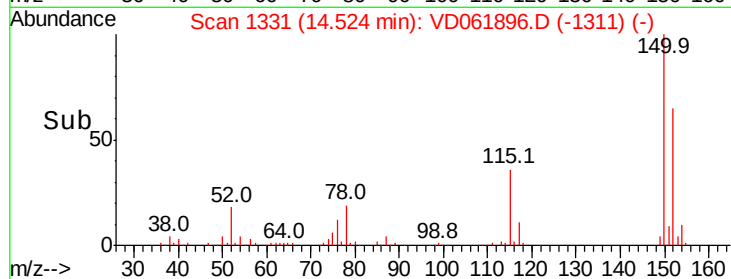
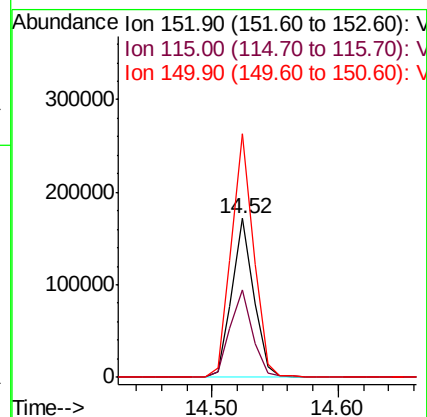
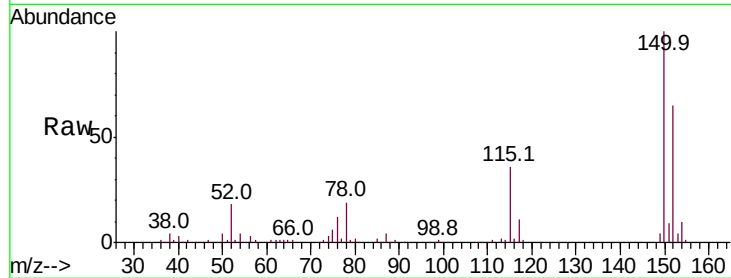




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061896.D
 Acq: 19 Apr 2019 5:01

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-041619-A

Tot Ion:152 Resp: 205504
 Ion Ratio Lower Upper
 152 100
 115 55.4 30.9 92.7
 150 153.5 0.0 314.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.756 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VD061896.D
 Acq: 19 Apr 2019 5:01

Tgt Ion:105 Resp: 18667
 Ion Ratio Lower Upper
 105 100
 120 42.6 23.1 69.2

