

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\
 Data File : VD063716.D
 Acq On : 21 Aug 2019 16:42
 Operator : JC/SY
 Sample : K4386-18
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A3-(2)

Quant Time: Aug 22 02:00:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

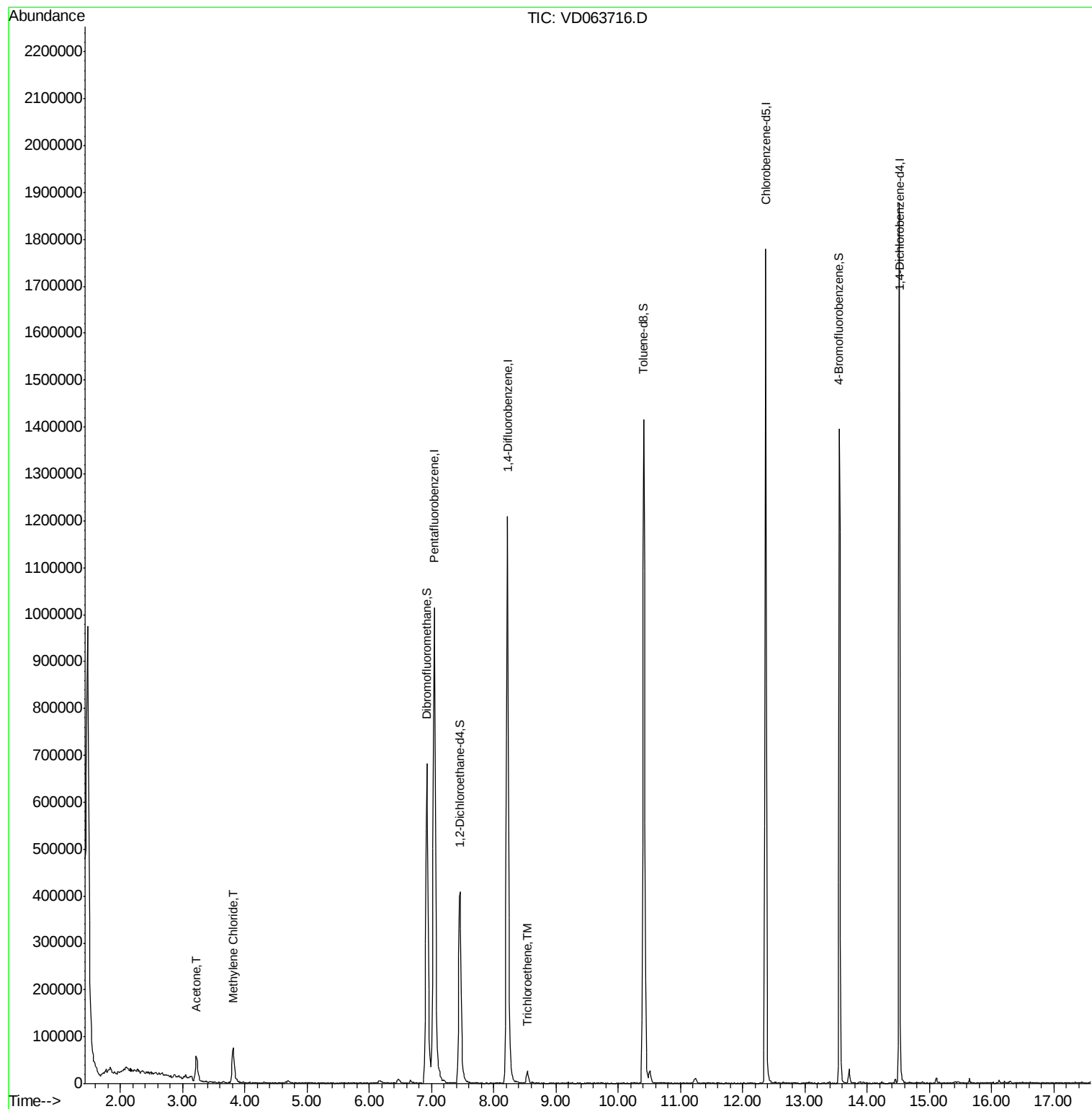
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	973151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1308526	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	997676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	400909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	488618	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	6.93	113	571974	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.41	98	1121160	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
62) 4-Bromofluorobenzene	13.55	95	390509	35.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.12%	
Target Compounds						
16) Acetone	3.23	43	115973	54.845	ug/l	96
20) Methylene Chloride	3.82	84	46306	5.064	ug/l #	85
44) Trichloroethene	8.54	130	11478	1.180	ug/l	81

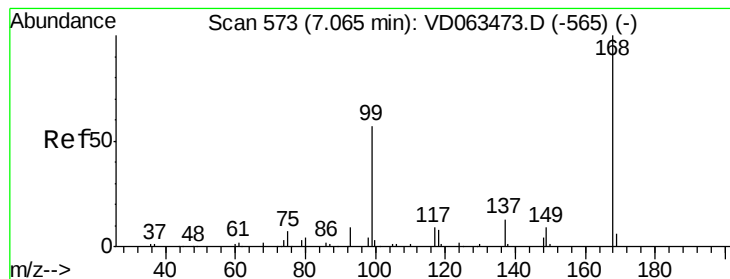
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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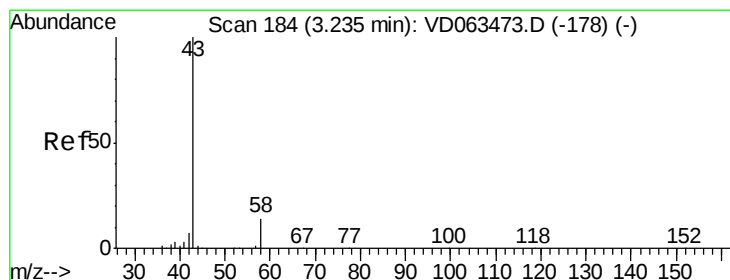
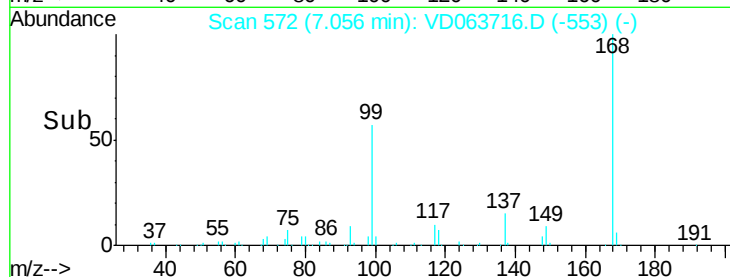
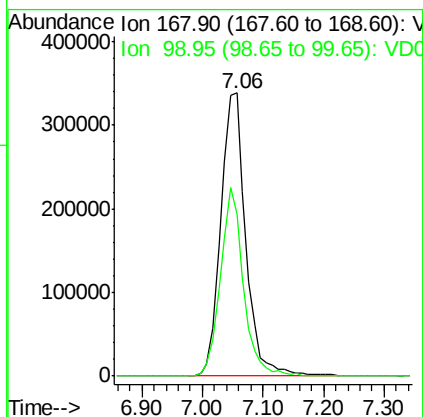
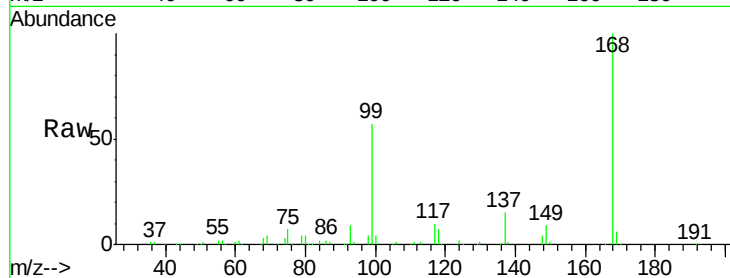




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.01 min
Lab File: VD063716.D
Acq: 21 Aug 2019 16:42

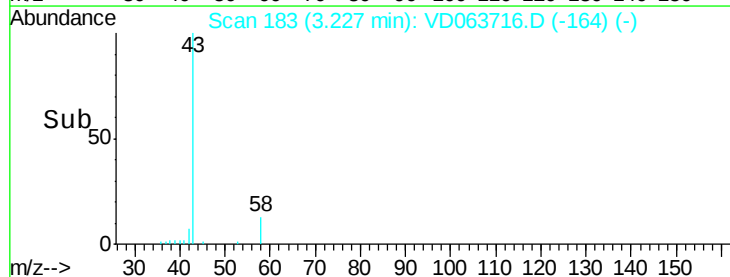
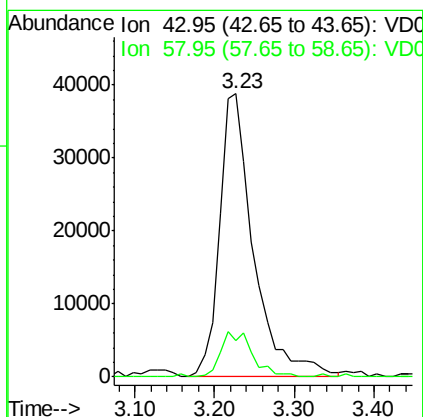
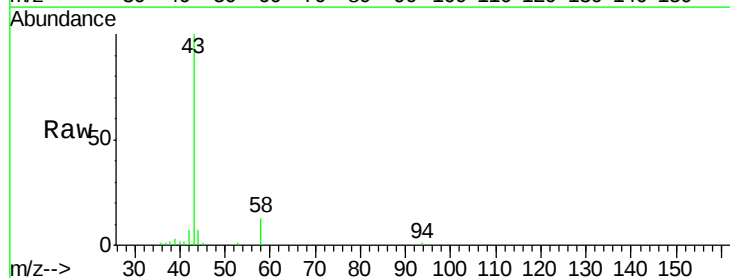
Instrument :
MSVOA_D
ClientSampleId :
T6-A3-(2)

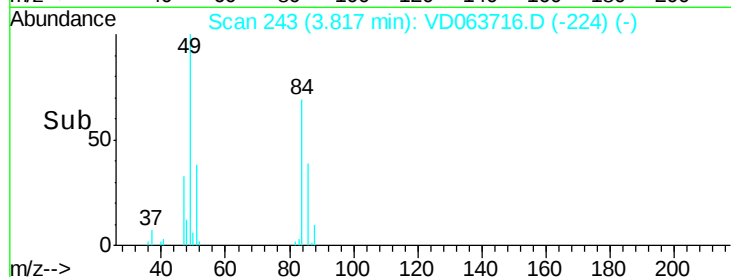
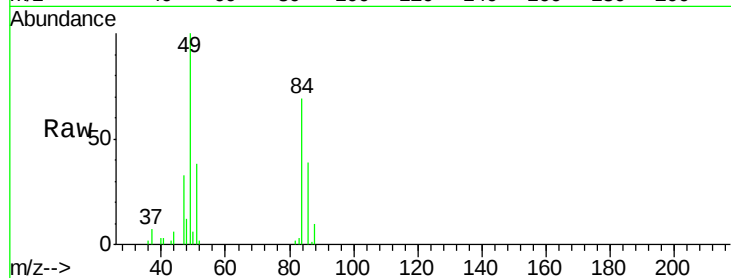
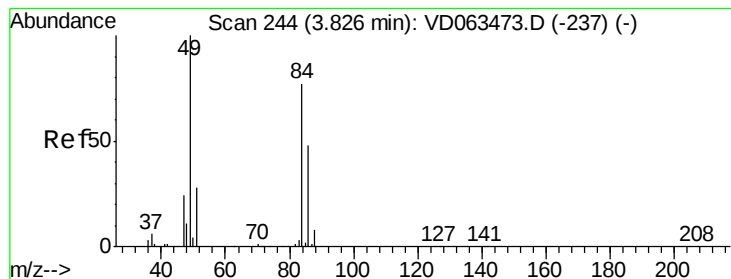
Tot Ion:168 Resp: 973151
Ion Ratio Lower Upper
168 100
99 57.3 46.7 70.1



#16
Acetone
Concen: 54.845 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.01 min
Lab File: VD063716.D
Acq: 21 Aug 2019 16:42

Tgt Ion: 43 Resp: 115973
Ion Ratio Lower Upper
43 100
58 12.9 11.4 17.2





#20

Methylene Chloride

Concen: 5.064 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD063716.D

Acq: 21 Aug 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

T6-A3-(2)

Tot Ion: 84 Resp: 46306

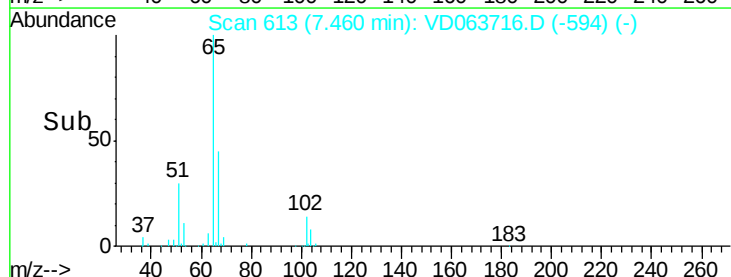
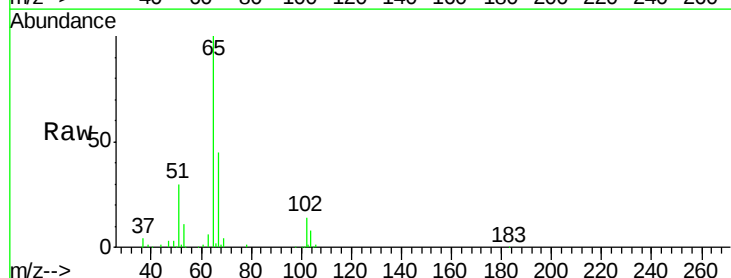
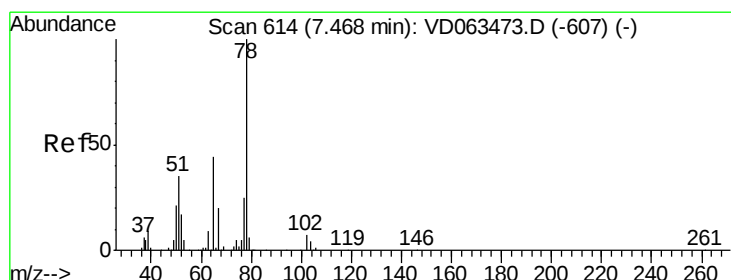
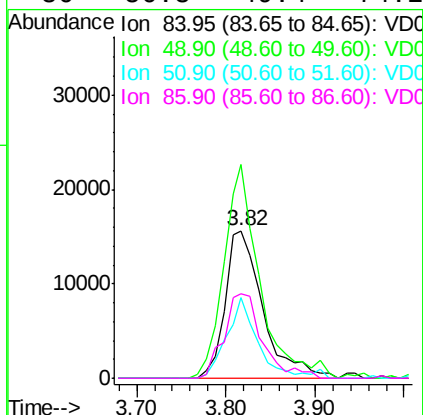
Ion Ratio Lower Upper

84 100

49 144.7 103.4 155.2

51 55.0 28.5 42.7#

86 56.8 49.4 74.2



#33

1,2-Dichloroethane-d4

Concen: 46.972 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD063716.D

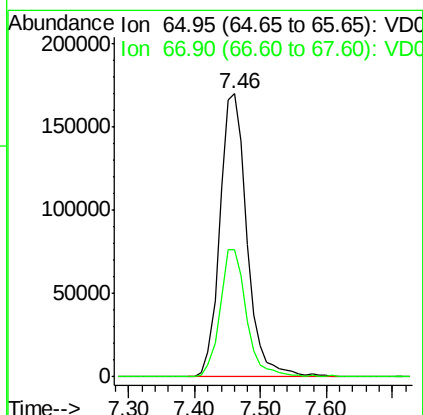
Acq: 21 Aug 2019 16:42

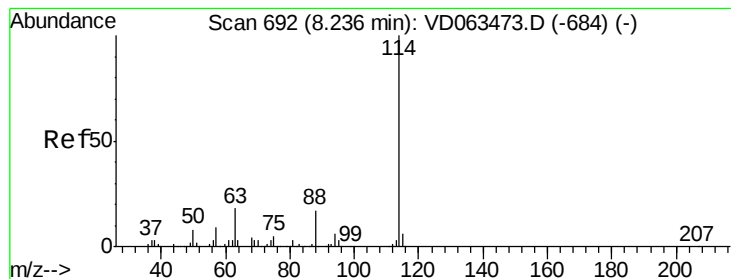
Tgt Ion: 65 Resp: 488618

Ion Ratio Lower Upper

65 100

67 45.1 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063716.D

Acq: 21 Aug 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

T6-A3-(2)

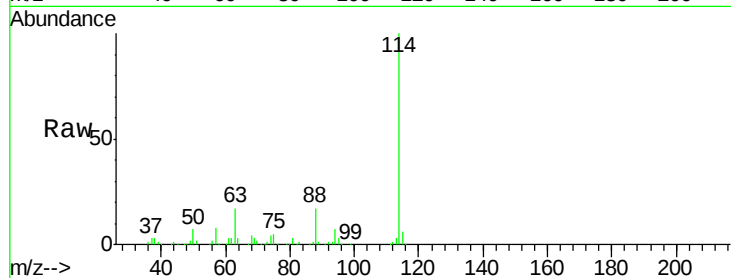
Tot Ion:114 Resp: 1308526

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.2

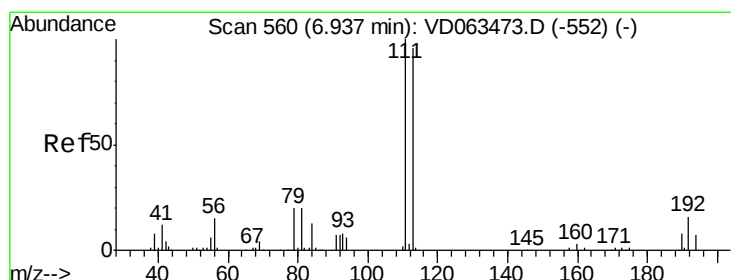
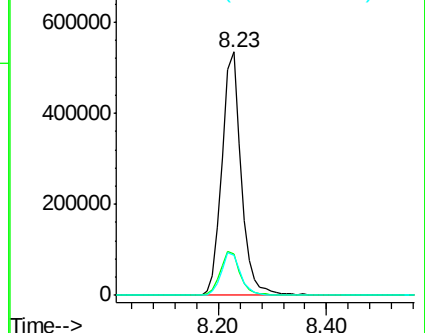
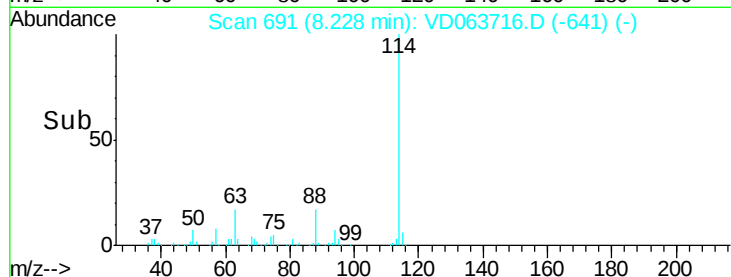
88 16.7 0.0 35.0



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



#35

Dibromofluoromethane

Concen: 51.901 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063716.D

Acq: 21 Aug 2019 16:42

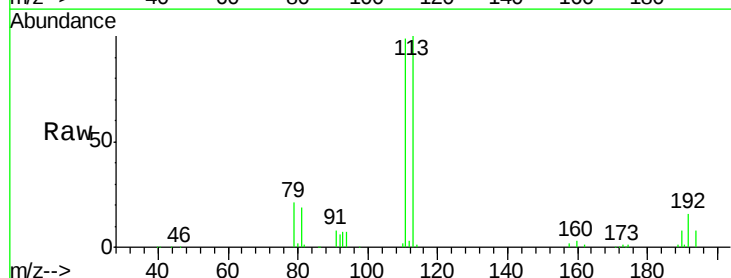
Tgt Ion:113 Resp: 571974

Ion Ratio Lower Upper

113 100

111 99.5 83.1 124.7

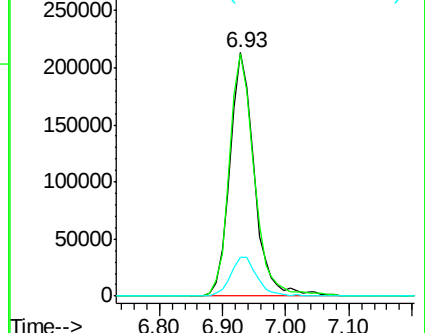
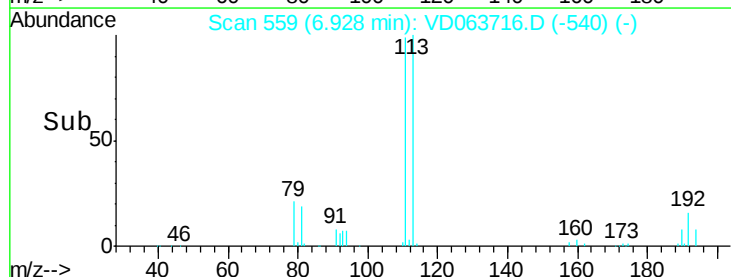
192 16.1 13.1 19.7

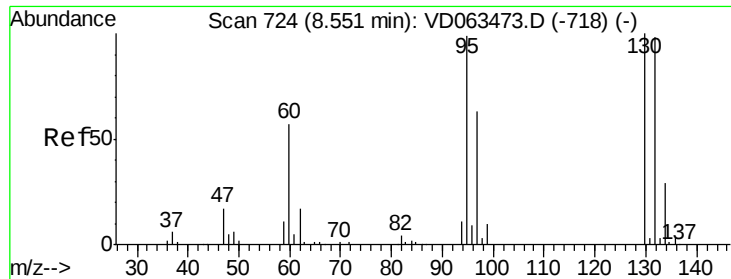


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#44

Trichloroethene

Concen: 1.180 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD063716.D

Acq: 21 Aug 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

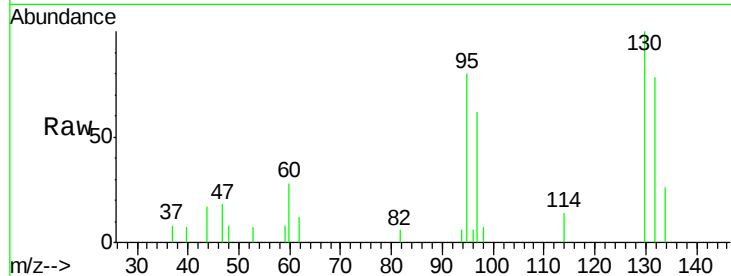
T6-A3-(2)

Tot Ion:130 Resp: 11478

Ion Ratio Lower Upper

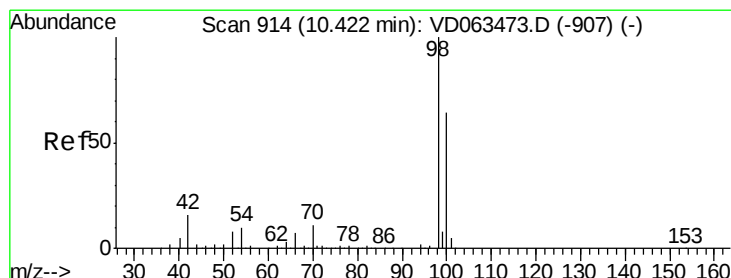
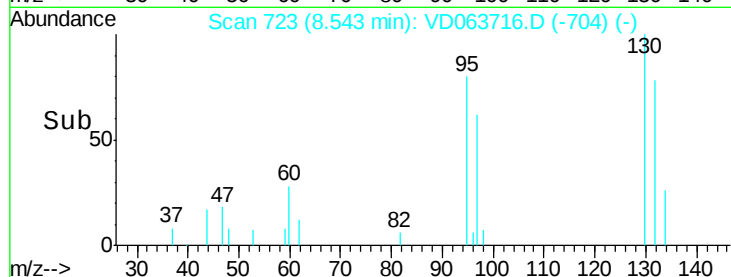
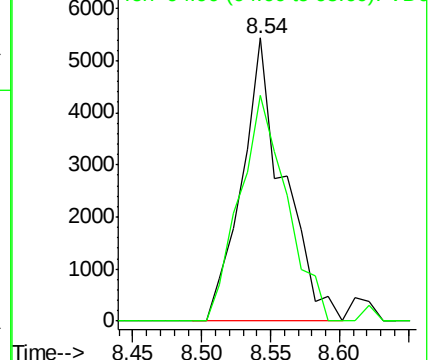
130 100

95 79.9 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 46.273 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063716.D

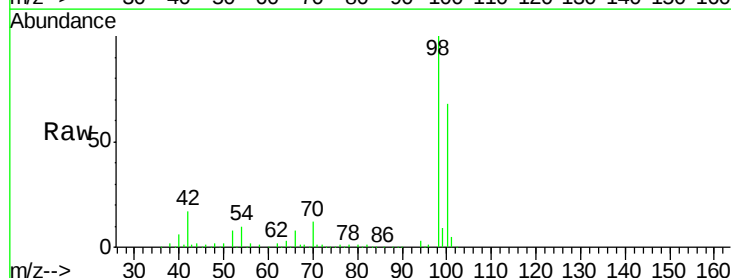
Acq: 21 Aug 2019 16:42

Tgt Ion: 98 Resp: 1121160

Ion Ratio Lower Upper

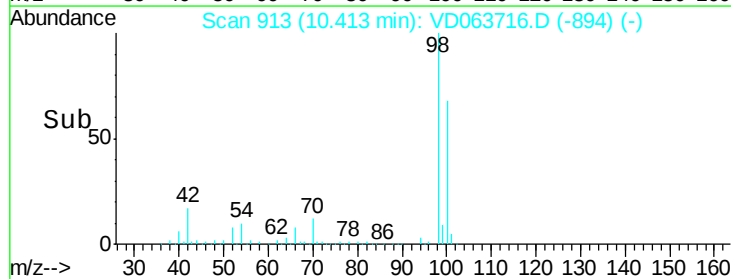
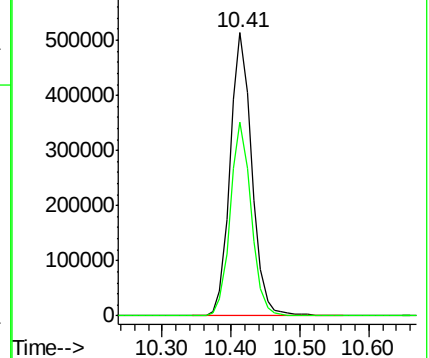
98 100

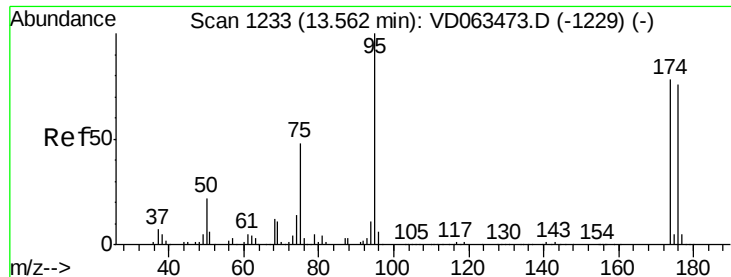
100 68.5 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

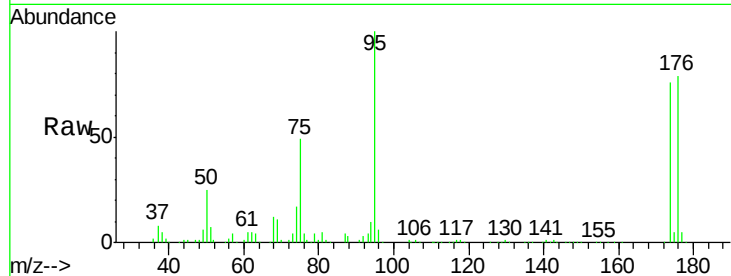




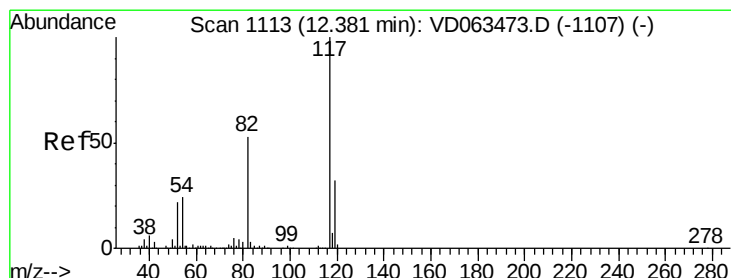
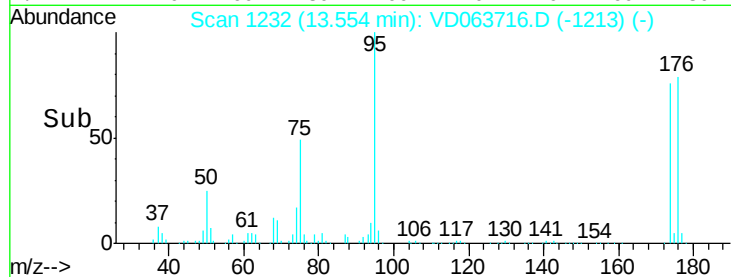
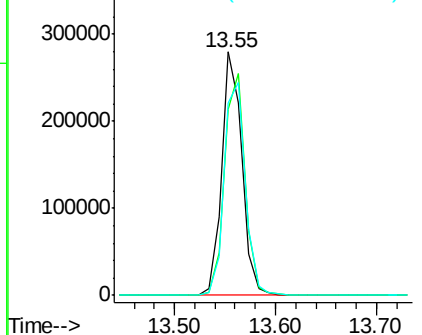
#62
4-Bromofluorobenzene
Concen: 35.560 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063716.D
Acq: 21 Aug 2019 16:42

Instrument :
MSVOA_D
ClientSampleId :
T6-A3-(2)

Tot Ion: 95 Resp: 390509
Ion Ratio Lower Upper
95 100
174 76.2 0.0 155.4
176 78.8 0.0 152.4

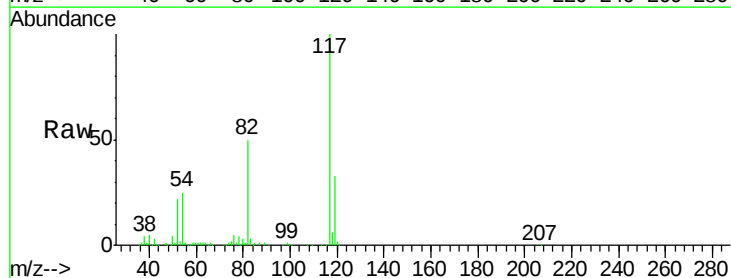


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

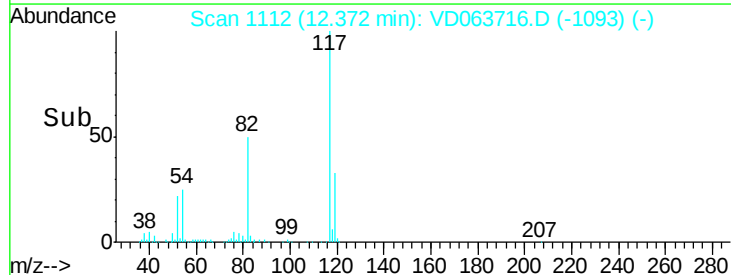
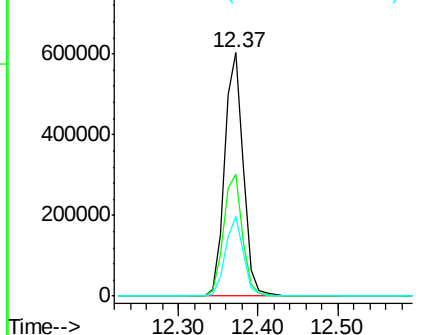


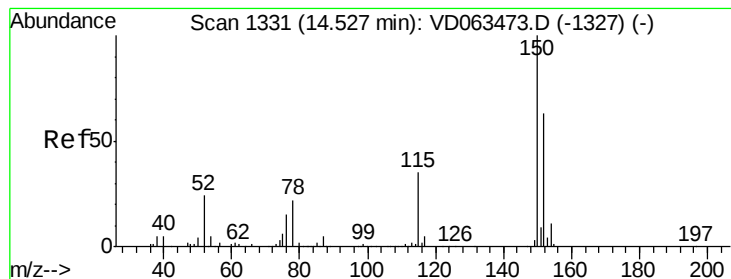
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063716.D
Acq: 21 Aug 2019 16:42

Tgt Ion: 117 Resp: 997676
Ion Ratio Lower Upper
117 100
82 49.9 42.0 63.0
119 32.9 25.4 38.0



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: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063716.D

Acq: 21 Aug 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

T6-A3-(2)

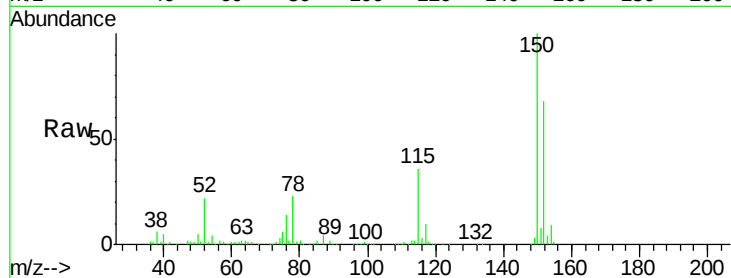
Tot Ion:152 Resp: 400909

Ion Ratio Lower Upper

152 100

115 52.6 30.9 92.7

150 147.7 0.0 318.6



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

