

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041919\
 Data File : VD061916.D
 Acq On : 19 Apr 2019 18:11
 Operator : VA/AP
 Sample : K2196-05
 Misc : 7.93g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-041619

Quant Time: Apr 19 18:36:59 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

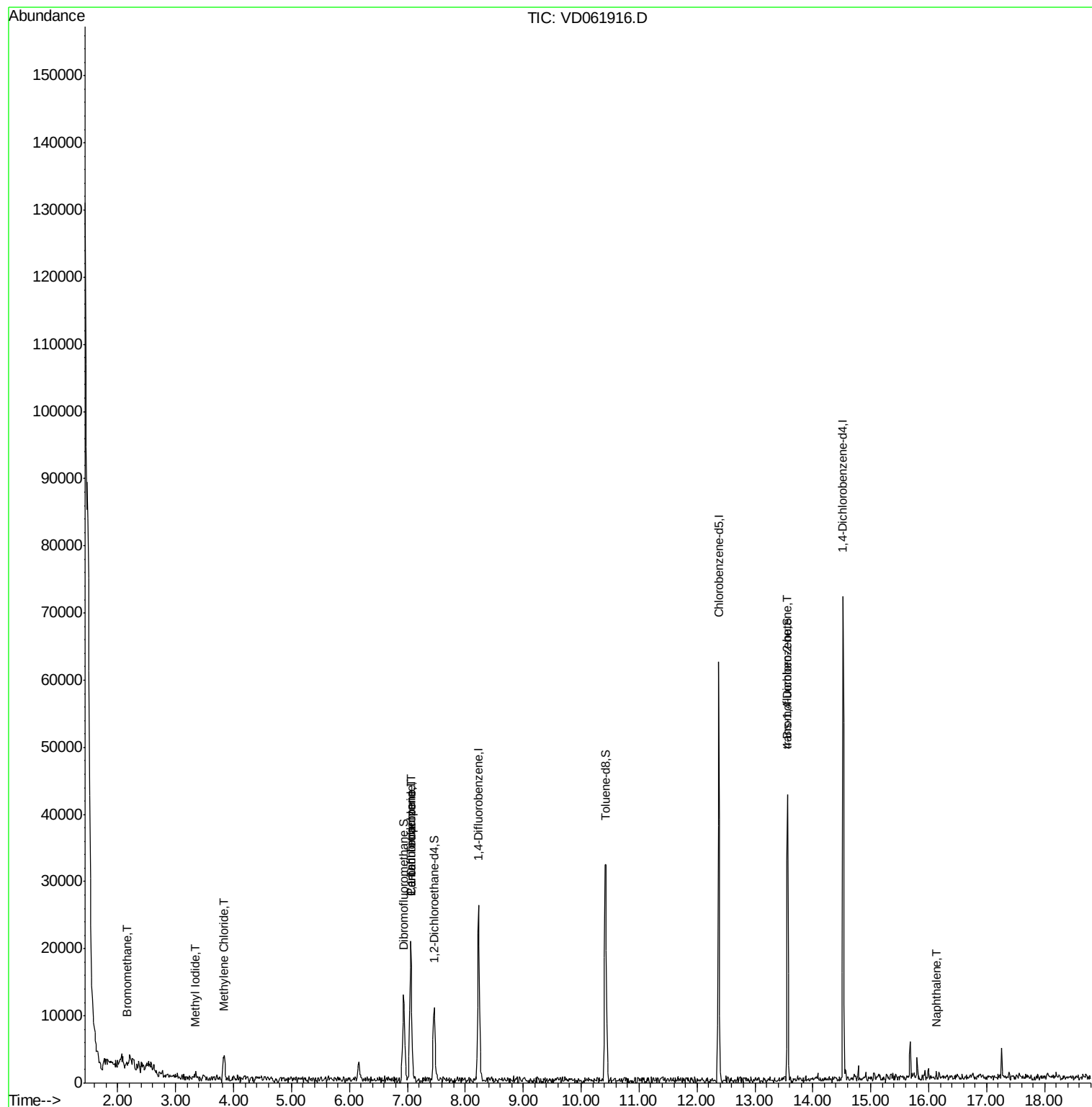
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	22157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	34358	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	38059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	18172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	12202	65.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.42%	
35) Dibromofluoromethane	6.93	113	12964	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.41	98	31629	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	13.56	95	13800	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.15	94	226	2.397	ug/l #	12
10) Methyl Iodide	3.35	142	1015	5.904	ug/l #	37
20) Methylene Chloride	3.83	84	2415	6.638	ug/l #	90
36) 1,1-Dichloropropene	7.06	75	703	2.504	ug/l #	40
38) Carbon Tetrachloride	7.06	117	1839	5.187	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.55	75	5229	66.431	ug/l #	16
95) Naphthalene	16.13	128	556	1.349	ug/l #	70

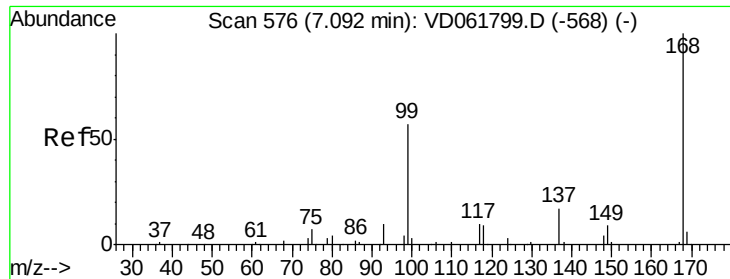
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 572

Delta R.T. 0.01 min

Lab File: VD061916.D

Acq: 19 Apr 2019 18:11

Instrument :

MSVOA_D

ClientSampleId :

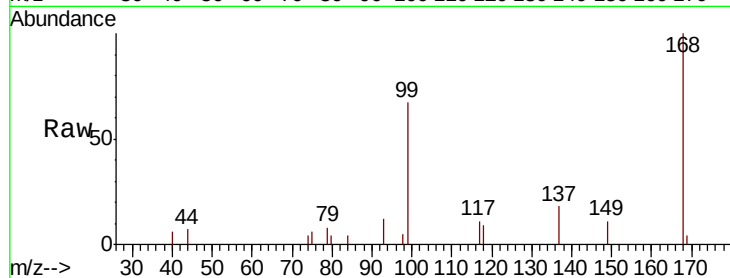
HD-01-041619

Tgt Ion:168 Resp: 22157

Ion Ratio Lower Upper

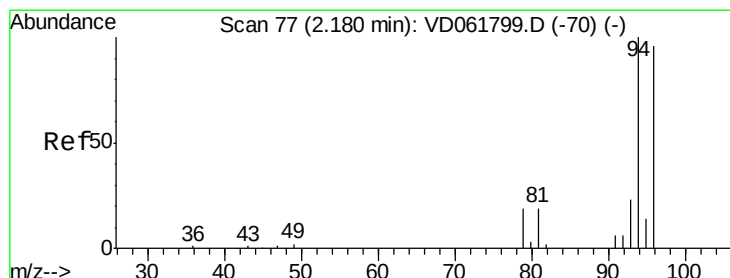
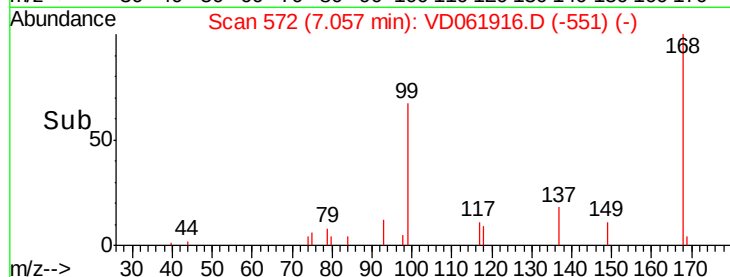
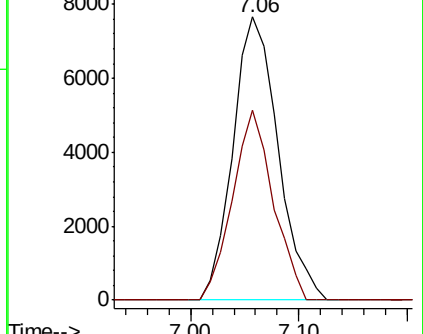
168 100

99 67.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 2.397 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD061916.D

Acq: 19 Apr 2019 18:11

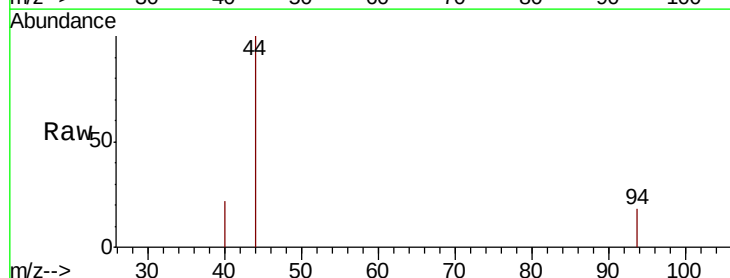
Tgt Ion: 94 Resp: 226

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

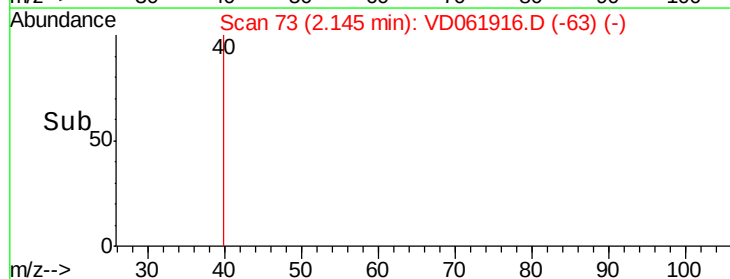
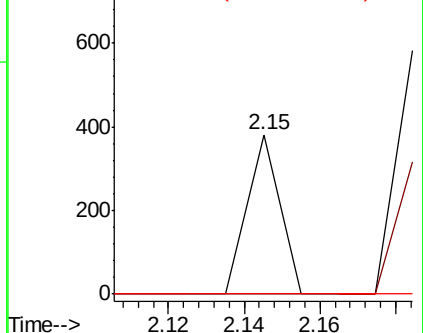
93 0.0 18.5 27.7#

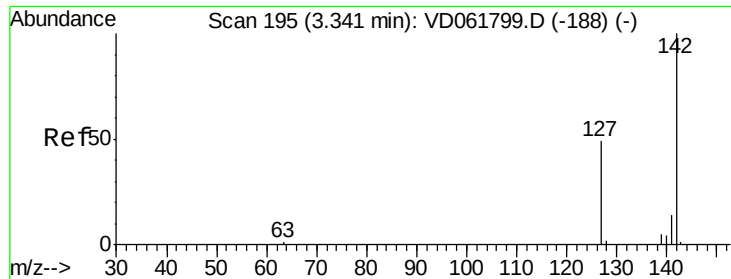


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

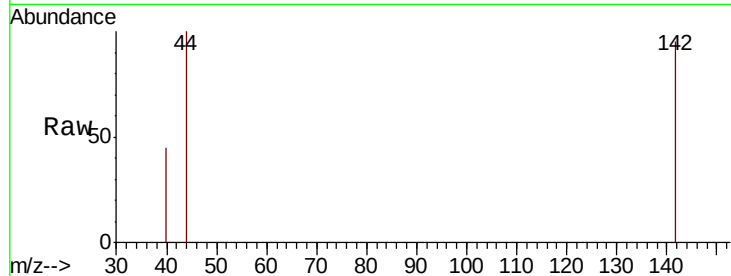




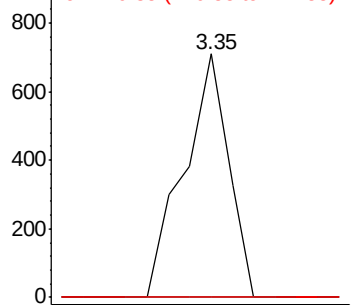
#10
Methyl Iodide
Concen: 5.904 ug/l
RT: 3.35 min Scan# 195
Delta R.T. 0.04 min
Lab File: VD061916.D
Acq: 19 Apr 2019 18:11

Instrument :
MSVOA_D
ClientSampleId :
HD-01-041619

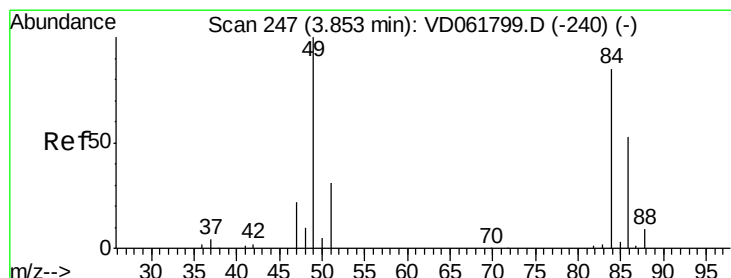
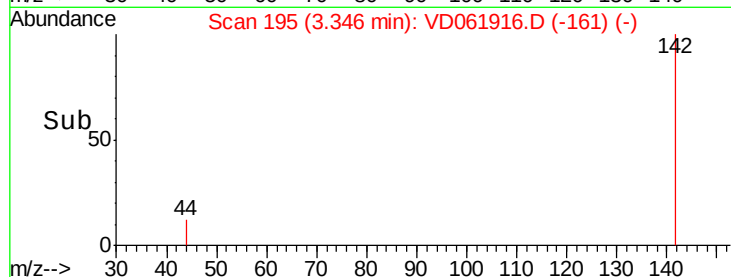
Tgt Ion: 142 Resp: 1015
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#



Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

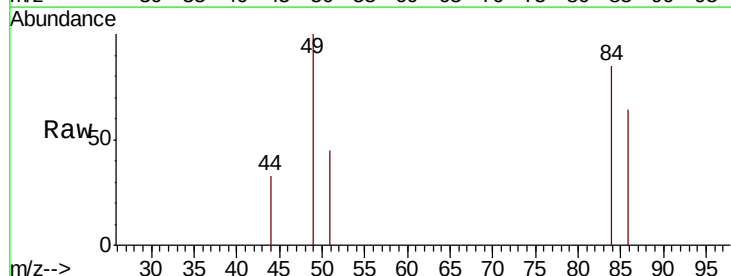


Time-->

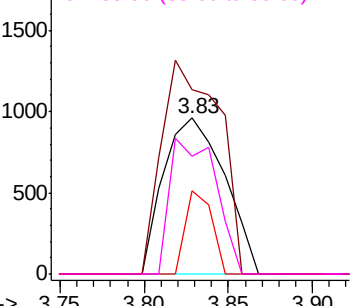


#20
Methylene Chloride
Concen: 6.638 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061916.D
Acq: 19 Apr 2019 18:11

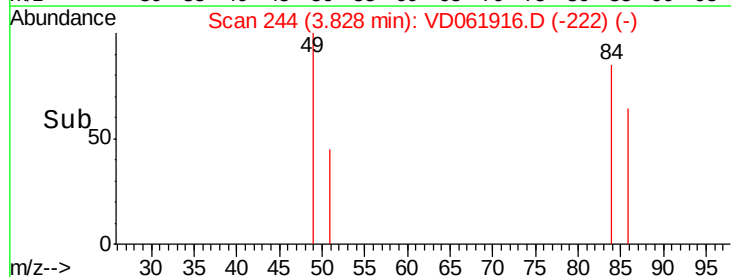
Tgt Ion: 84 Resp: 2415
Ion Ratio Lower Upper
84 100
49 118.0 94.0 141.0
51 53.6 29.0 43.4#
86 75.5 49.8 74.6#

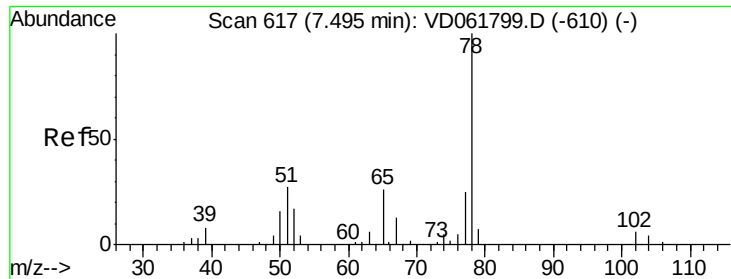


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC



Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061916.D

Acq: 19 Apr 2019 18:11

Instrument :

MSVOA_D

ClientSampleId :

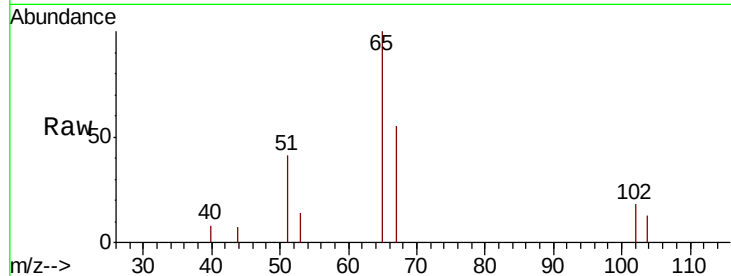
HD-01-041619

Tgt Ion: 65 Resp: 12202

Ion Ratio Lower Upper

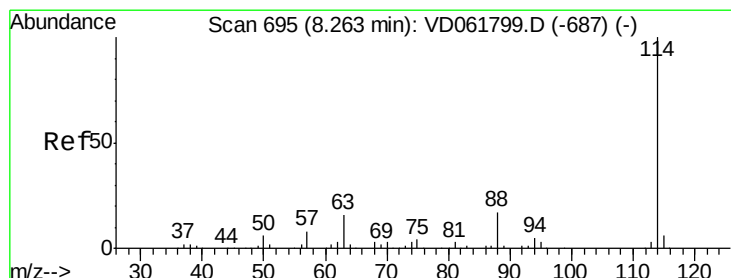
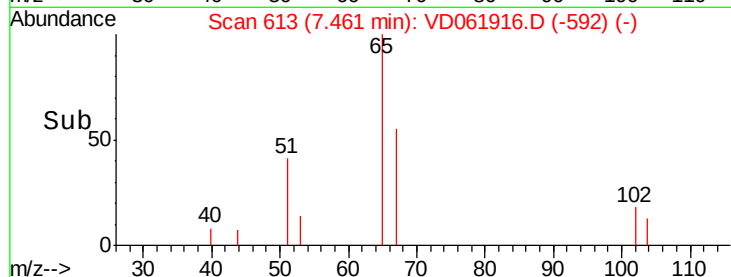
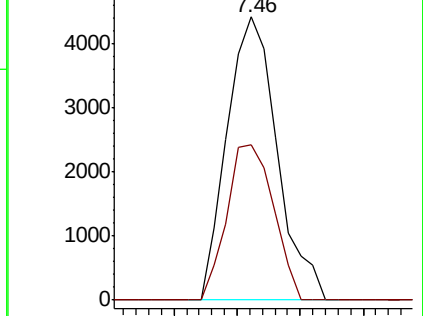
65 100

67 54.8 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# 691

Delta R.T. 0.01 min

Lab File: VD061916.D

Acq: 19 Apr 2019 18:11

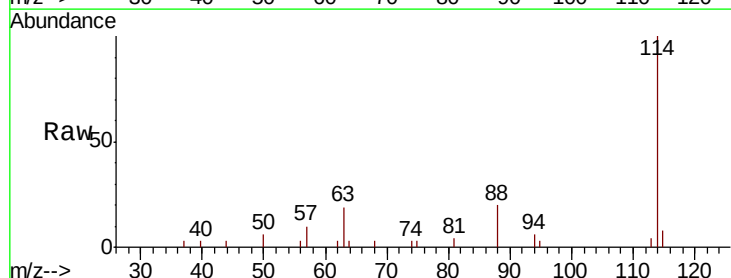
Tgt Ion: 114 Resp: 34358

Ion Ratio Lower Upper

114 100

63 18.9 0.0 32.4

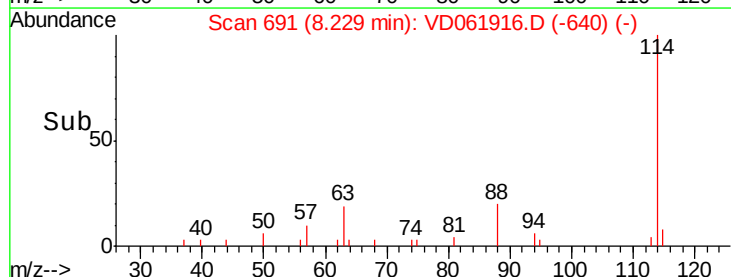
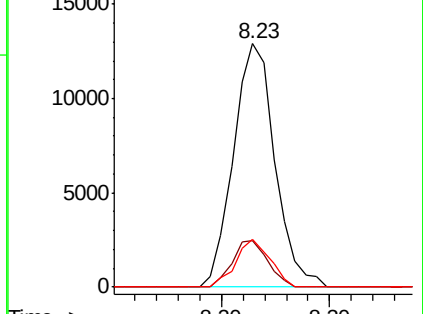
88 19.8 0.0 33.6

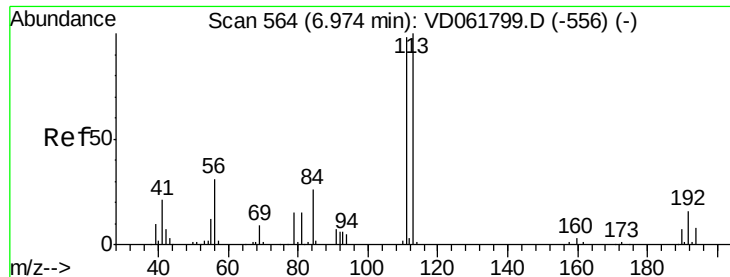


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

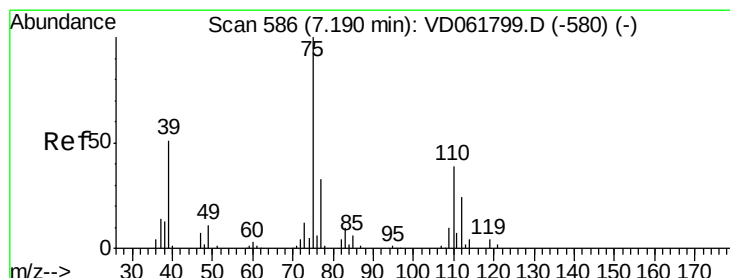
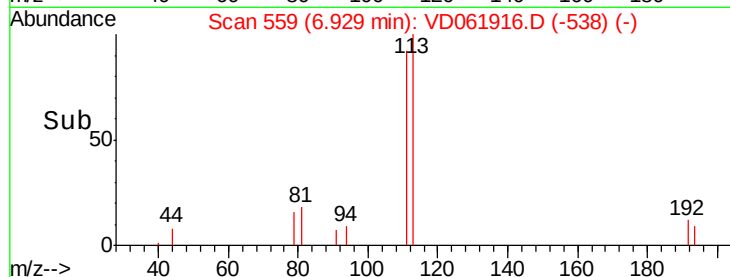
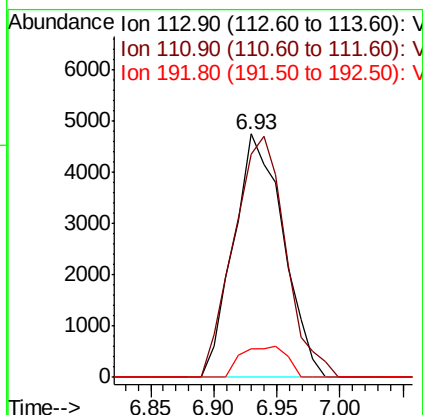
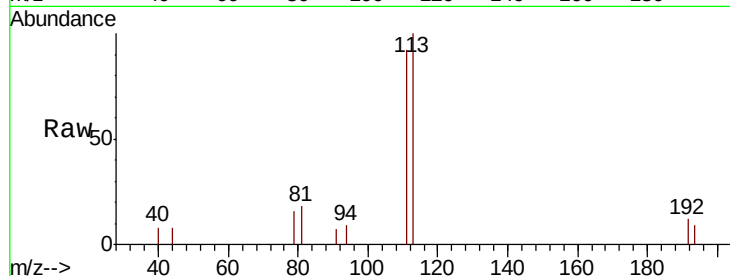




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061916.D
 Acq: 19 Apr 2019 18:11

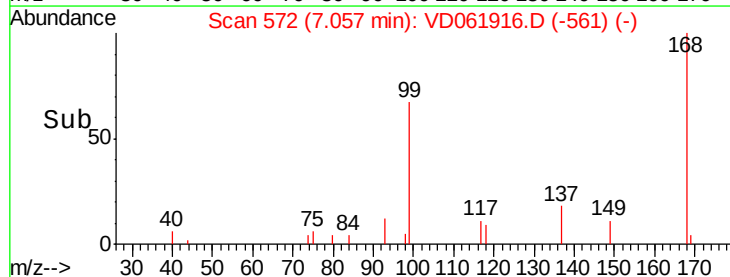
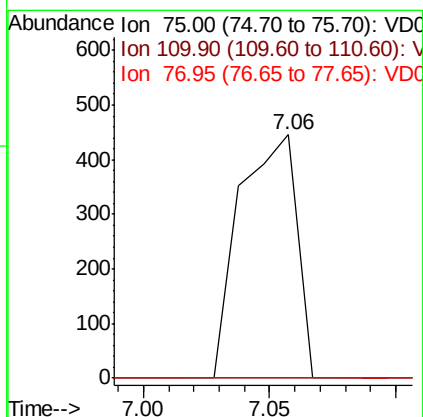
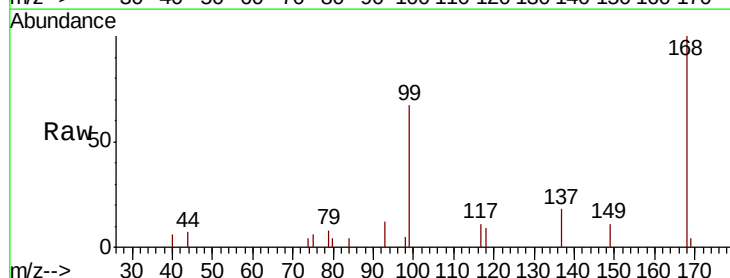
Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-041619

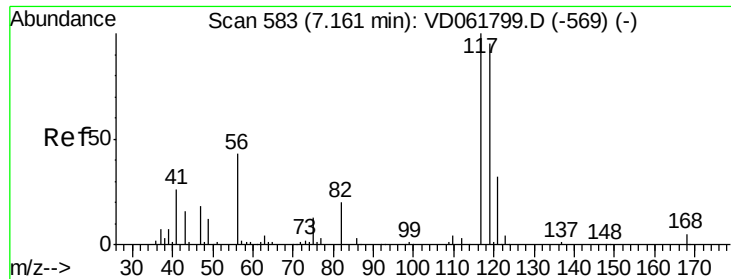
Tgt Ion: 113 Resp: 12964
 Ion Ratio Lower Upper
 113 100
 111 91.6 78.5 117.7
 192 11.9 13.0 19.4#



#36
 1,1-Dichloropropene
 Concen: 2.504 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD061916.D
 Acq: 19 Apr 2019 18:11

Tgt Ion: 75 Resp: 703
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.1 57.1#
 77 0.0 25.6 38.4#





#38

Carbon Tetrachloride

Concen: 5.187 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.05 min

Lab File: VD061916.D

Acq: 19 Apr 2019 18:11

Instrument :

MSVOA_D

ClientSampleId :

HD-01-041619

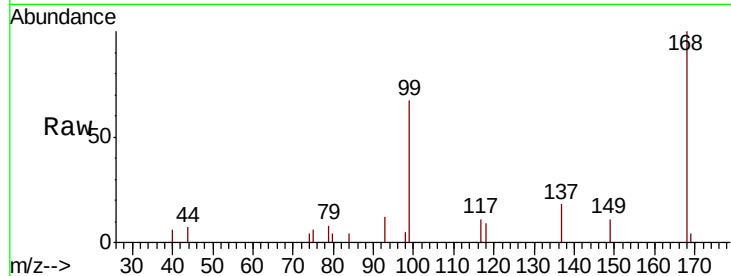
Tgt Ion:117 Resp: 1839

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

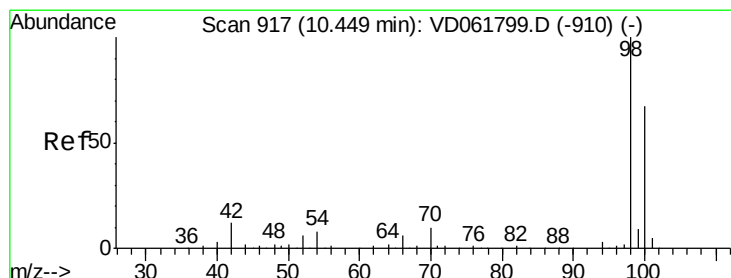
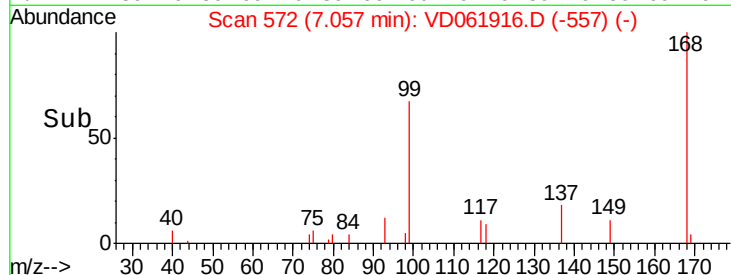
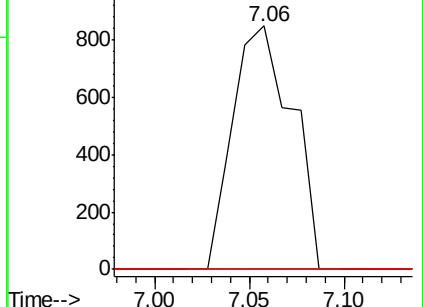
121 0.0 25.9 38.9#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061916.D

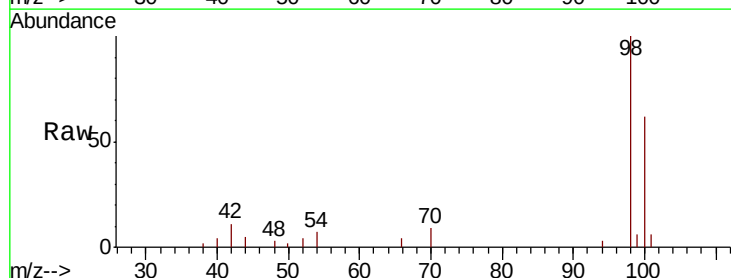
Acq: 19 Apr 2019 18:11

Tgt Ion: 98 Resp: 31629

Ion Ratio Lower Upper

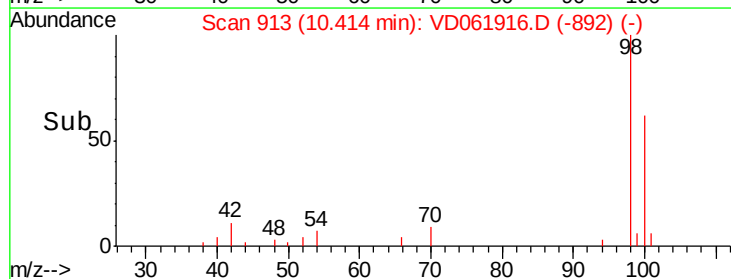
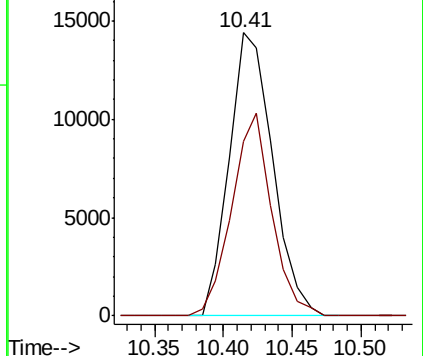
98 100

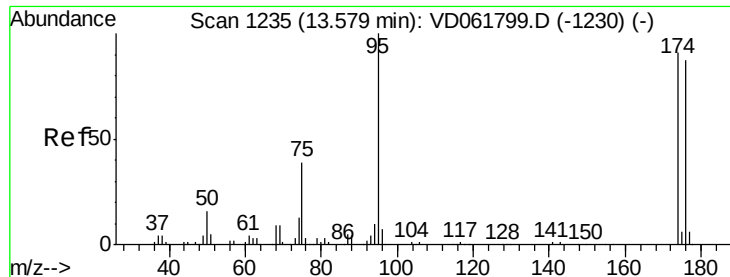
100 61.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

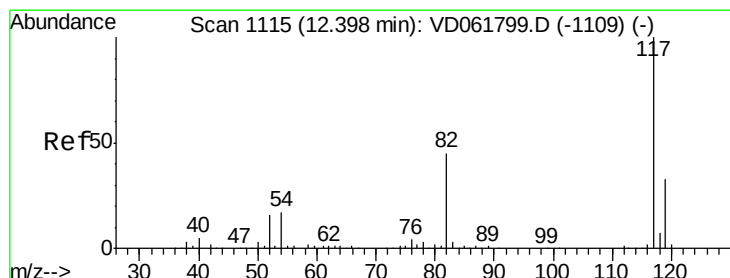
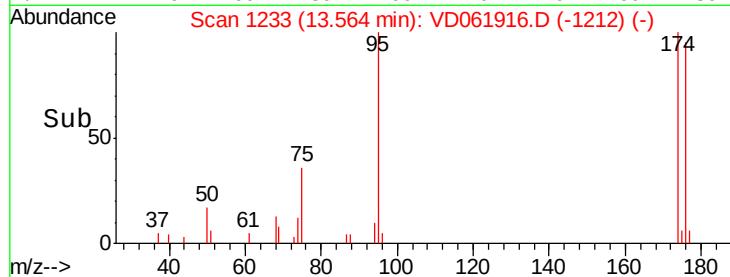
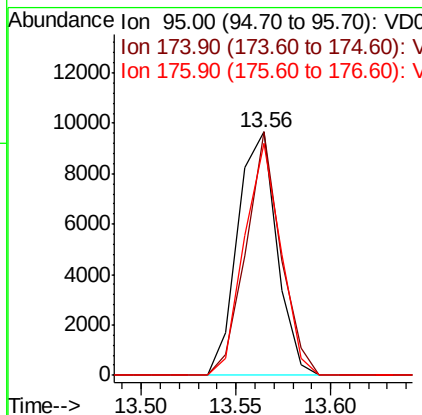
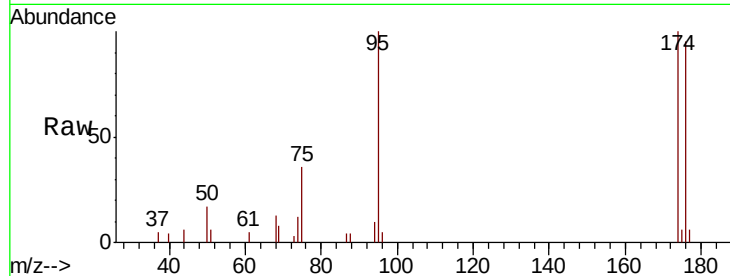




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061916.D
Acq: 19 Apr 2019 18:11

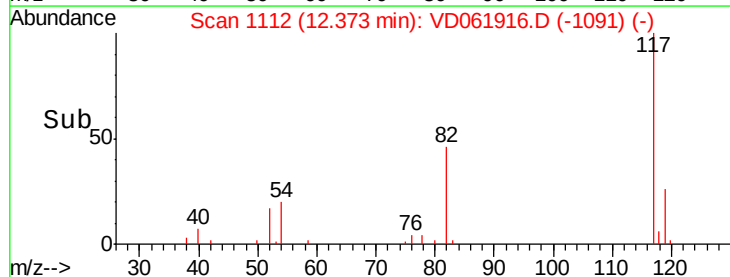
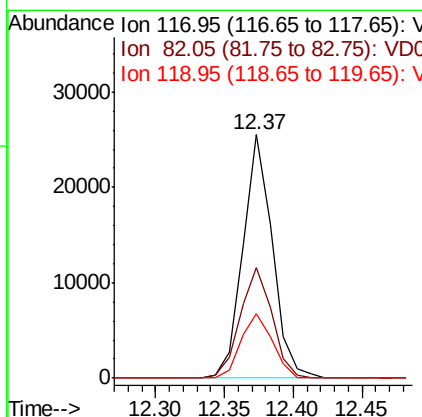
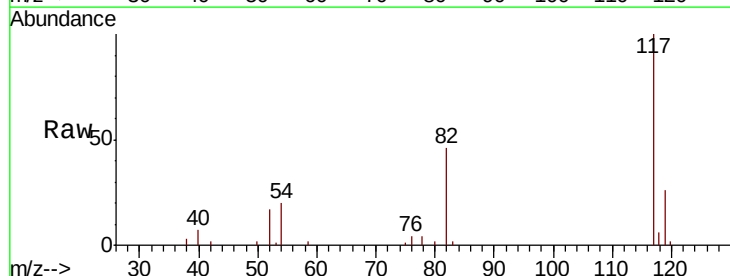
Instrument :
MSVOA_D
ClientSampleId :
HD-01-041619

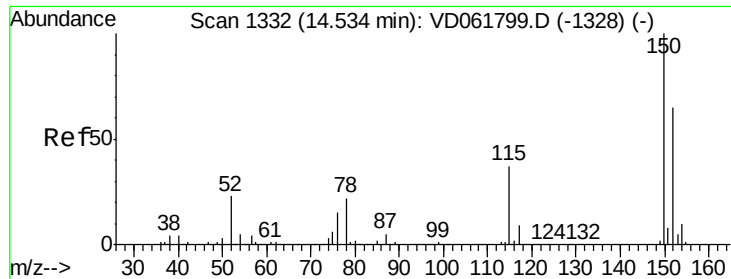
Tgt Ion: 95 Resp: 13800
Ion Ratio Lower Upper
95 100
174 100.0 0.0 181.8
176 95.4 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061916.D
Acq: 19 Apr 2019 18:11

Tgt Ion: 117 Resp: 38059
Ion Ratio Lower Upper
117 100
82 45.6 36.2 54.2
119 26.4 26.2 39.4

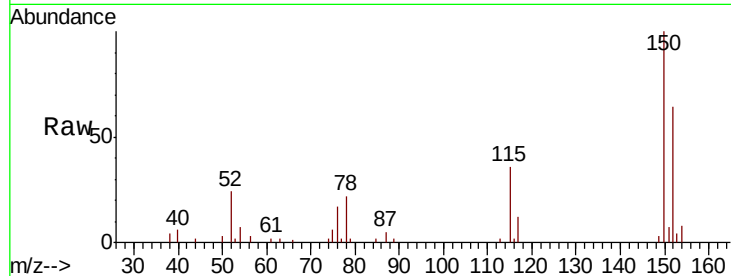




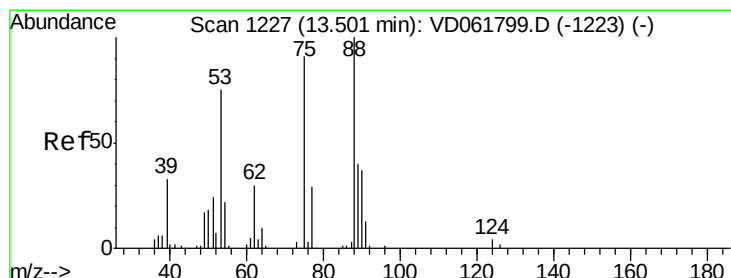
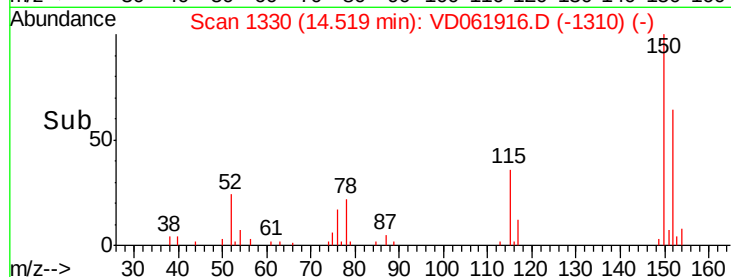
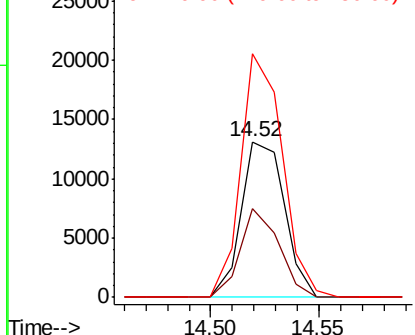
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061916.D
 Acq: 19 Apr 2019 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-041619

Tgt Ion:152 Resp: 18172
 Ion Ratio Lower Upper
 152 100
 115 57.1 30.9 92.7
 150 156.7 0.0 314.8

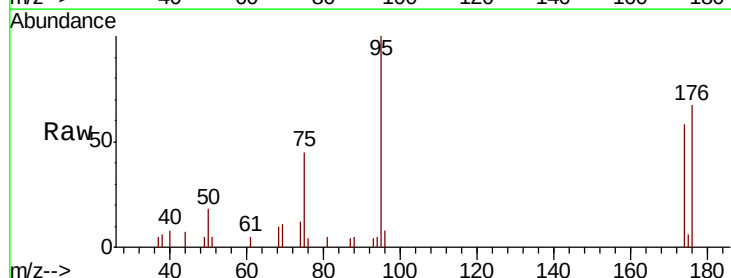


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

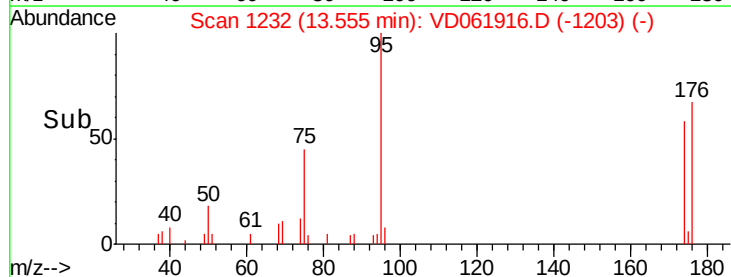
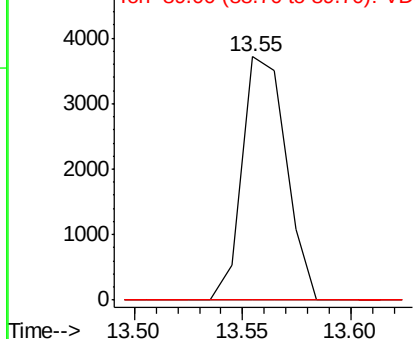


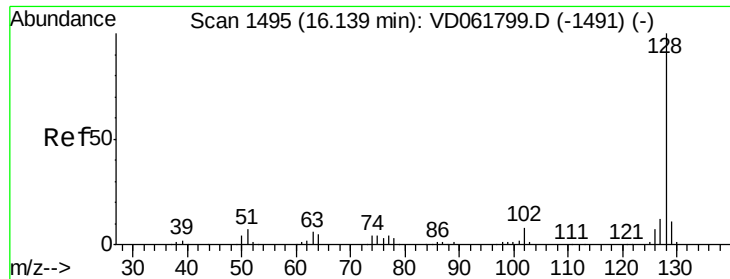
#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.431 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD061916.D
 Acq: 19 Apr 2019 18:11

Tgt Ion: 75 Resp: 5229
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 53.00 (52.70 to 53.70): VDC
 Ion 89.00 (88.70 to 89.70): VDC





#95
 Naphthalene
 Concen: 1.349 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VD061916.D
 Acq: 19 Apr 2019 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-041619

Tgt Ion:128 Resp: 556
 Ion Ratio Lower Upper
 128 100
 127 0.0 9.8 14.8#
 129 0.0 8.8 13.2#

