

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061256.D
 Acq On : 22 Mar 2019 13:05
 Operator : VA/AP
 Sample : K2024-02
 Misc : 7.89g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RCA-09

Quant Time: Mar 23 00:03:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

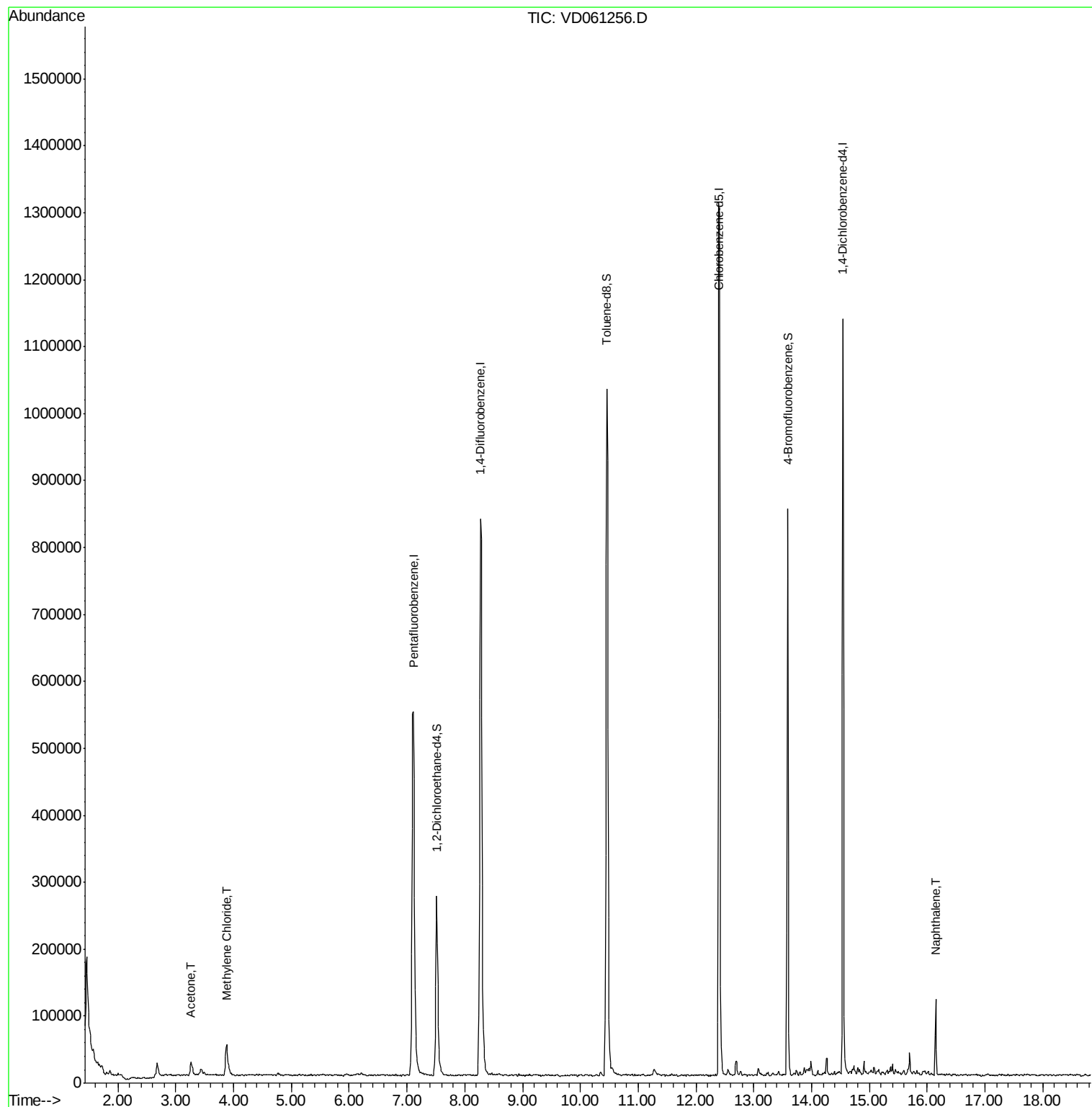
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.11	168	589162	50.00	ug/l	0.07
34) 1,4-Difluorobenzene	8.27	114	1085817	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.41	117	881930	50.00	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	14.54	152	260770	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.51	65	258069	52.62	ug/l	0.07
Spiked Amount 50.000			Recovery	=	105.24%	
35) Dibromofluoromethane	6.98	113	821	0.10	ug/l	0.06
Spiked Amount 50.000			Recovery	=	0.20%	
50) Toluene-d8	10.46	98	928006	45.86	ug/l	0.06
Spiked Amount 50.000			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	13.59	95	292058	37.20	ug/l	0.04
Spiked Amount 50.000			Recovery	=	74.40%	
Target Compounds						
16) Acetone	3.26	43	42314	30.173	ug/l	94
20) Methylene Chloride	3.88	84	36116	1.086	ug/l	95
95) Naphthalene	16.15	128	69975	13.899	ug/l	98

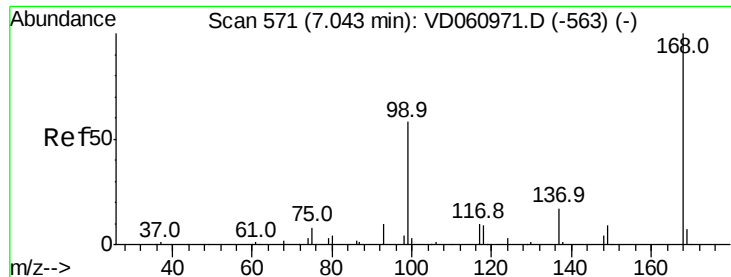
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.11 min Scan# 578

Delta R.T. 0.07 min

Lab File: VD061256.D

Acq: 22 Mar 2019 13:05

Instrument :

MSVOA_D

ClientSampled :

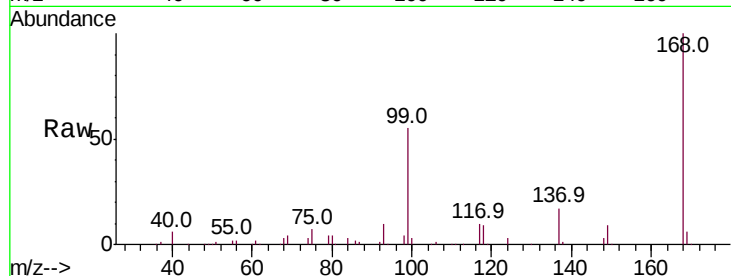
RCA-09

Tot Ion:168 Resp: 589162

Ion Ratio Lower Upper

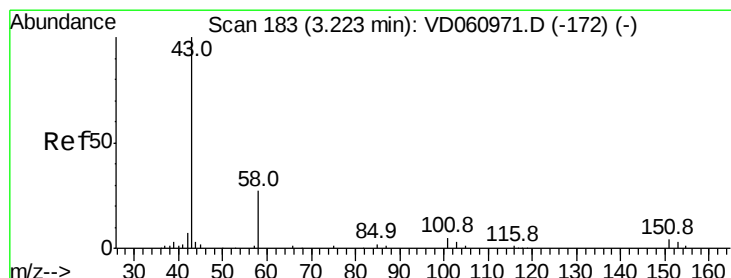
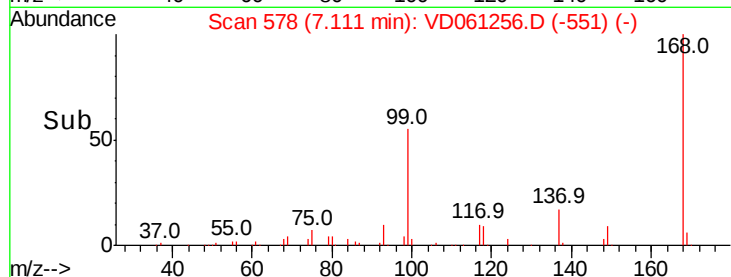
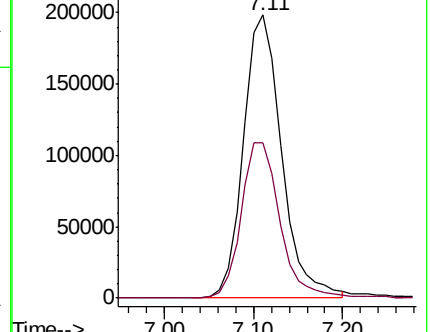
168 100

99 54.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 30.173 ug/l

RT: 3.26 min Scan# 187

Delta R.T. 0.04 min

Lab File: VD061256.D

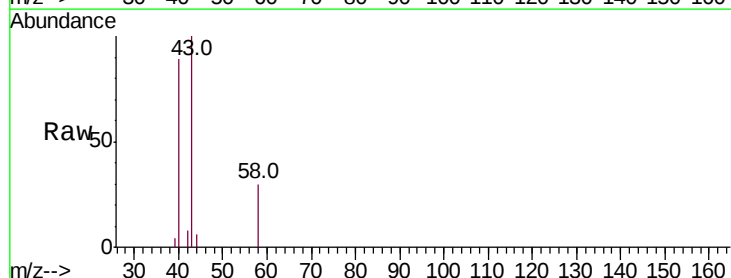
Acq: 22 Mar 2019 13:05

Tgt Ion: 43 Resp: 42314

Ion Ratio Lower Upper

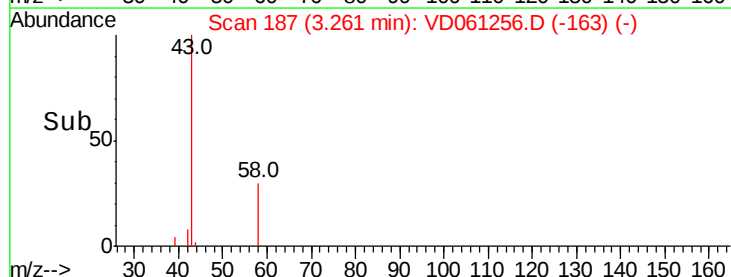
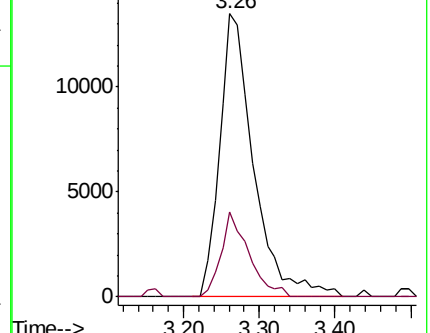
43 100

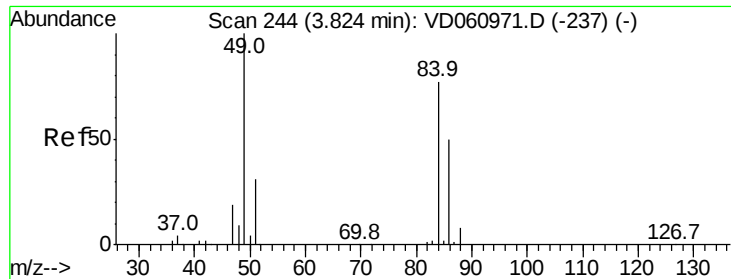
58 29.9 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

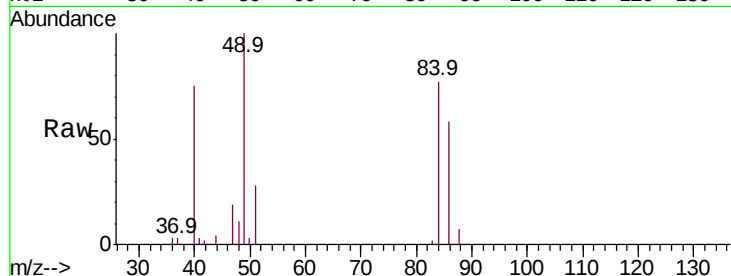




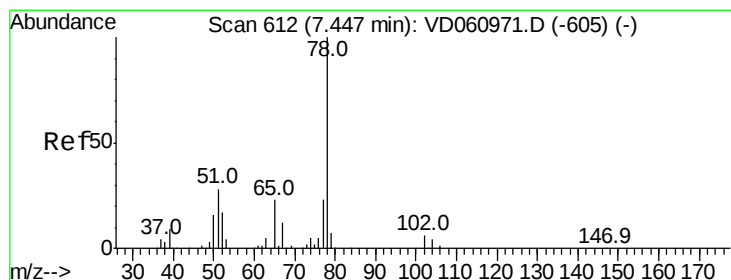
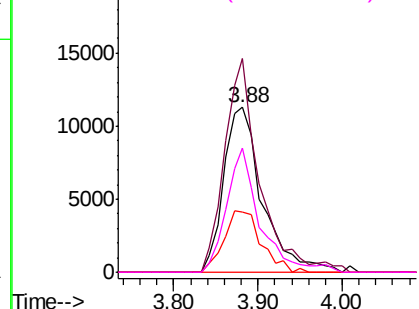
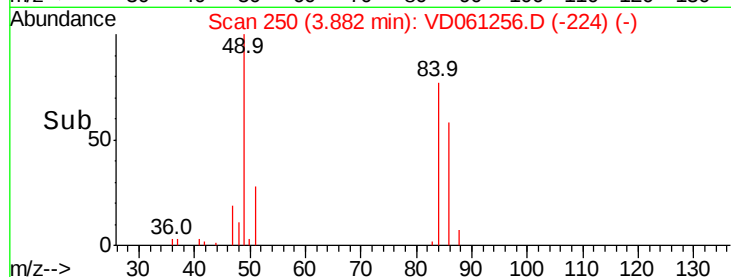
#20
Methvlene Chloride
Concen: 1.086 ug/l
RT: 3.88 min Scan# 250
Delta R.T. 0.06 min
Lab File: VD061256.D
Acq: 22 Mar 2019 13:05

Instrument :
MSVOA_D
ClientSampleId :
RCA-09

Tot Ion: 84 Resp: 36116
Ion Ratio Lower Upper
84 100
49 129.6 104.2 156.2
51 36.8 32.3 48.5
86 75.3 52.3 78.5

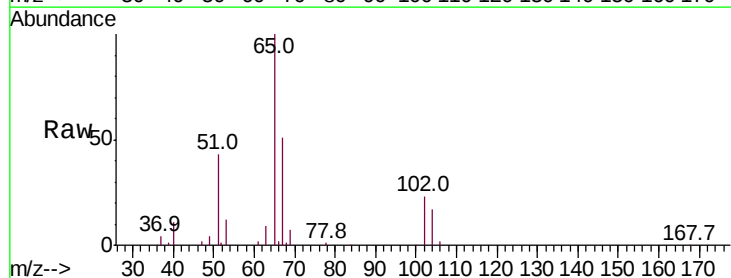


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

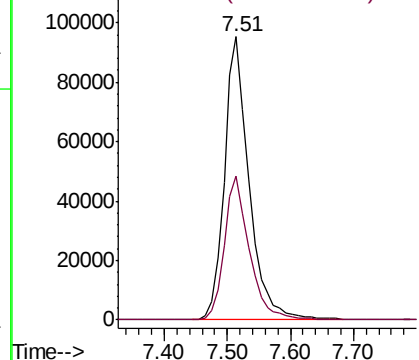
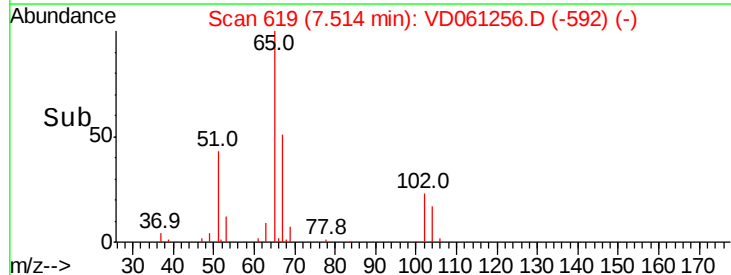


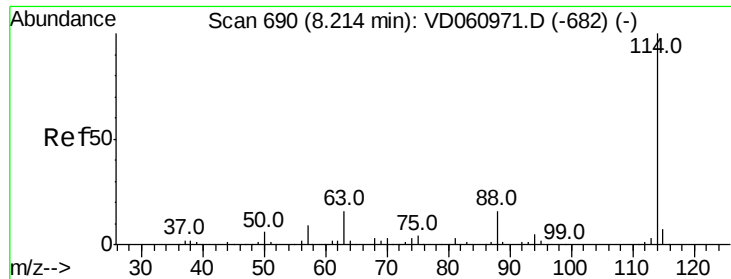
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.51 min Scan# 619
Delta R.T. 0.07 min
Lab File: VD061256.D
Acq: 22 Mar 2019 13:05

Tgt Ion: 65 Resp: 258069
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

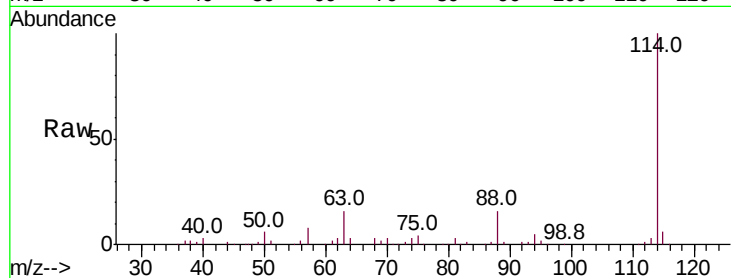




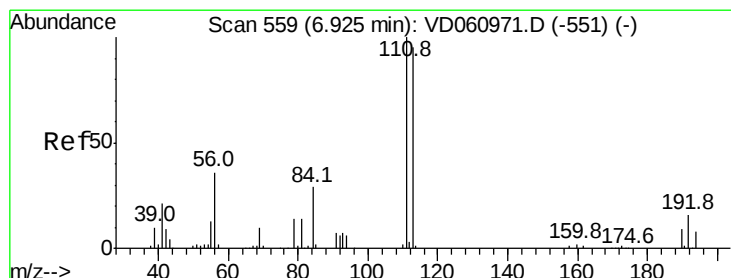
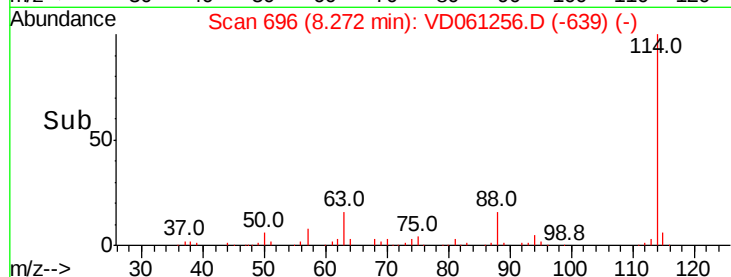
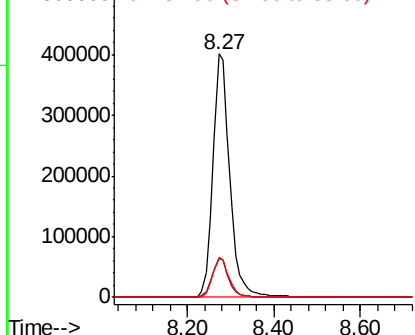
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.27 min Scan# 696
 Delta R.T. 0.06 min
 Lab File: VD061256.D
 Acq: 22 Mar 2019 13:05

Instrument :
 MSVOA_D
 ClientSampled :
 RCA-09

Tot Ion:114 Resp: 1085817
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.4
 88 16.5 0.0 33.0

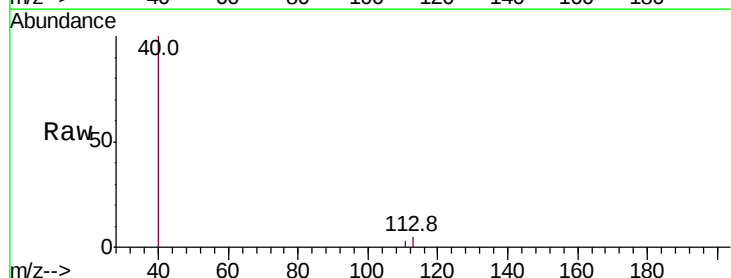


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

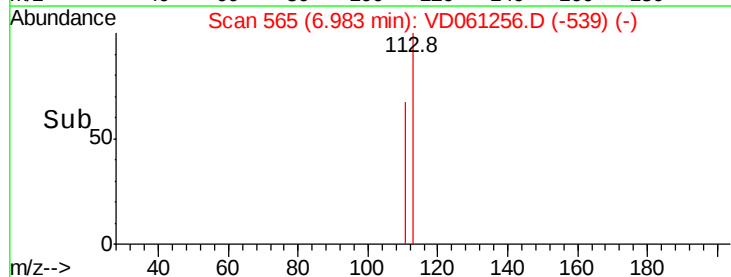
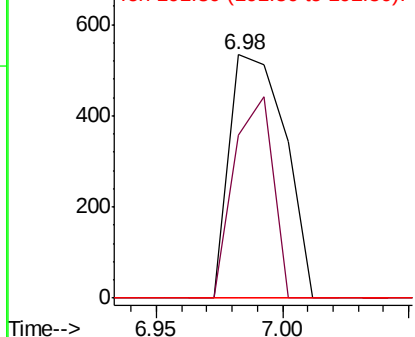


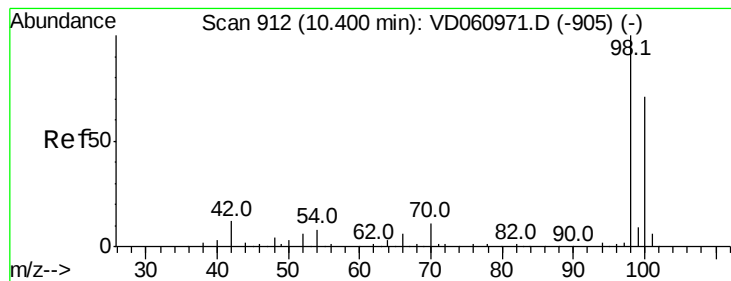
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.98 min Scan# 565
 Delta R.T. 0.06 min
 Lab File: VD061256.D
 Acq: 22 Mar 2019 13:05

Tgt Ion:113 Resp: 821
 Ion Ratio Lower Upper
 113 100
 111 66.9 84.2 126.4#
 192 0.0 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.46 min Scan# 918

Delta R.T. 0.06 min

Lab File: VD061256.D

Acq: 22 Mar 2019 13:05

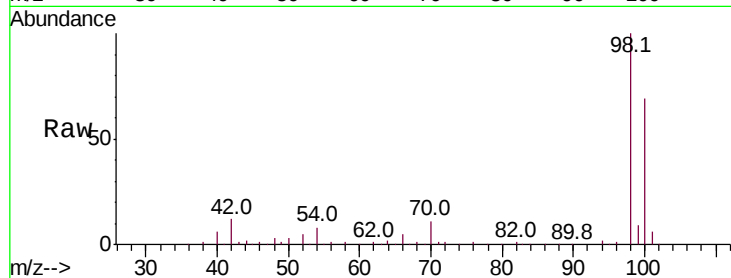
Instrument :
MSVOA_D
ClientSampled :
RCA-09

Tot Ion: 98 Resp: 928006

Ion Ratio Lower Upper

98 100

100 69.0 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.46

400000

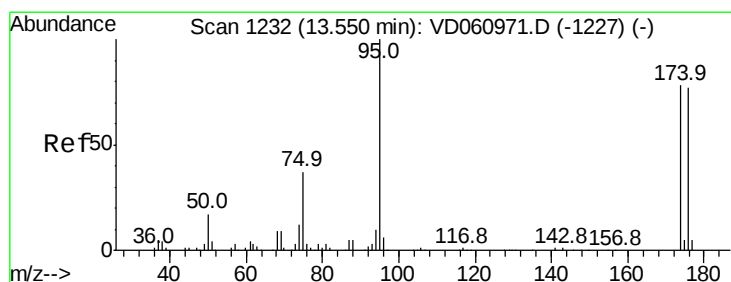
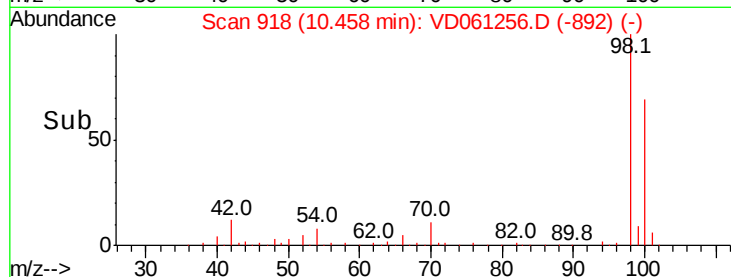
300000

200000

100000

0

Time--> 10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.59 min Scan# 1236

Delta R.T. 0.04 min

Lab File: VD061256.D

Acq: 22 Mar 2019 13:05

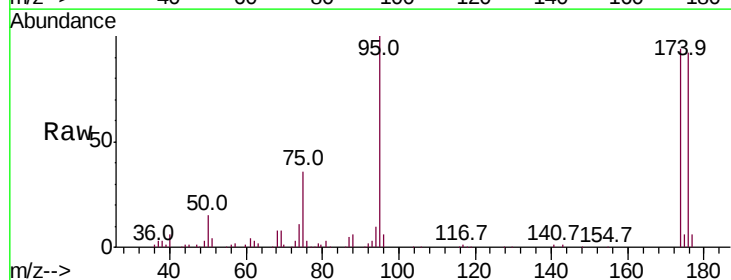
Tgt Ion: 95 Resp: 292058

Ion Ratio Lower Upper

95 100

174 94.3 0.0 155.6

176 91.6 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

250000

200000

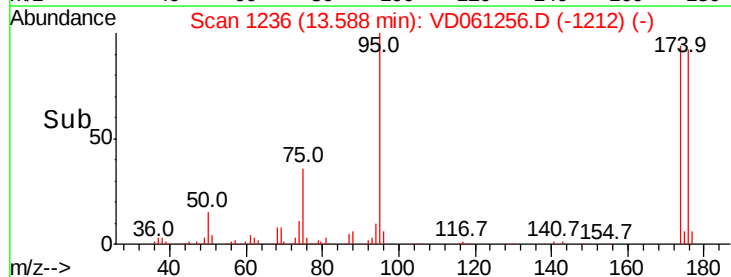
150000

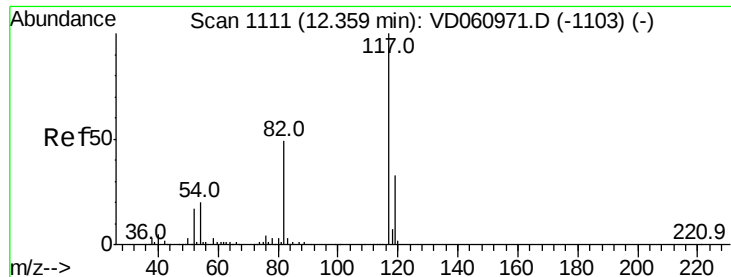
100000

50000

0

Time--> 13.50 13.60

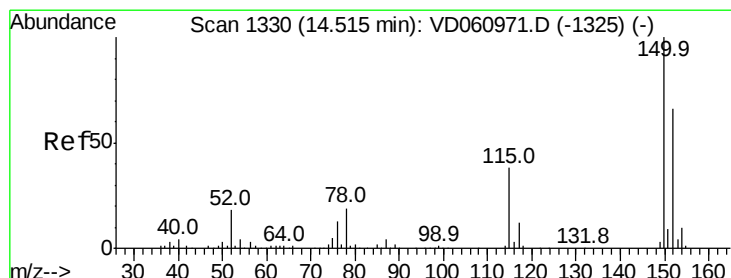
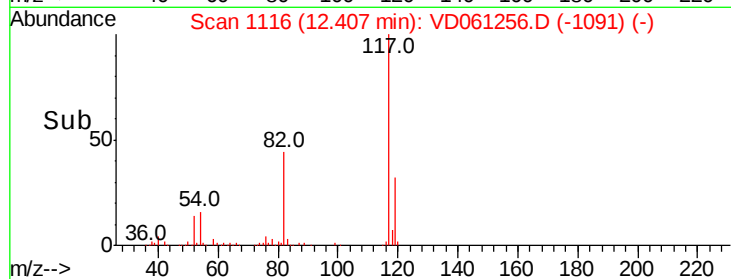
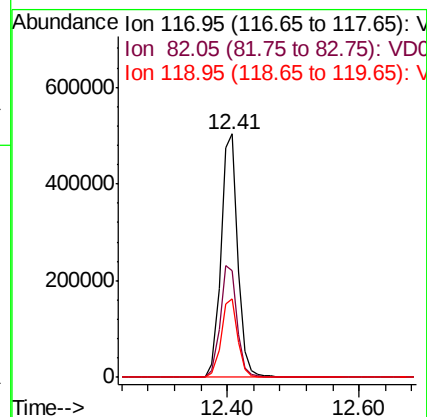
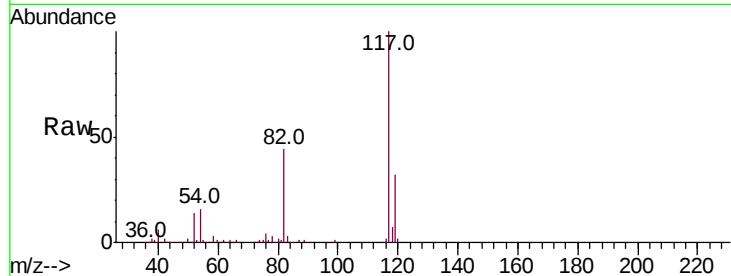




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.05 min
Lab File: VD061256.D
Acq: 22 Mar 2019 13:05

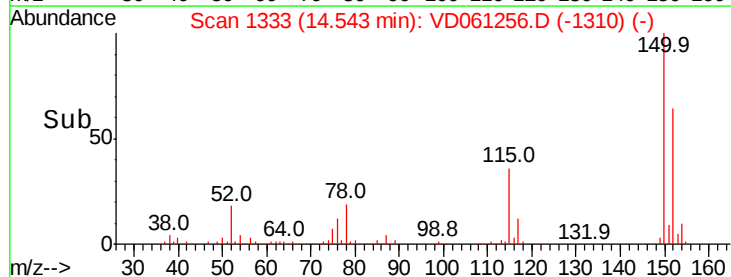
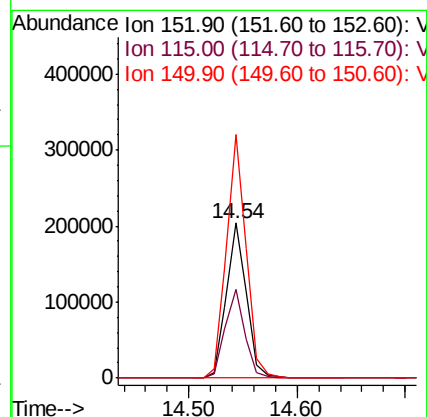
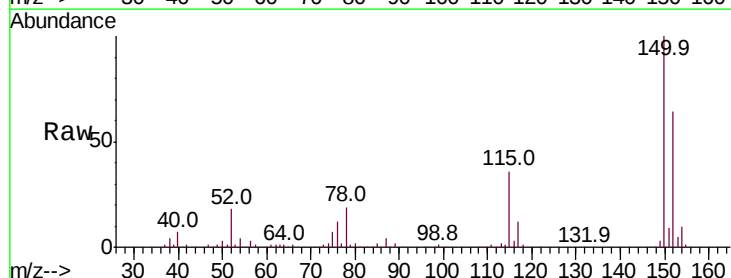
Instrument :
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RCA-09

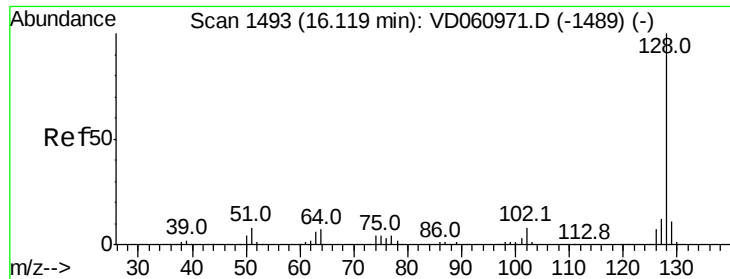
Tot Ion:117 Resp: 881930
Ion Ratio Lower Upper
117 100
82 43.7 38.9 58.3
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VD061256.D
Acq: 22 Mar 2019 13:05

Tgt Ion:152 Resp: 260770
Ion Ratio Lower Upper
152 100
115 57.1 28.6 85.9
150 157.2 0.0 310.6





#95

Naphthalene

Concen: 13.899 ug/l

RT: 16.15 min Scan# 1496

Delta R.T. 0.03 min

Lab File: VD061256.D

Acq: 22 Mar 2019 13:05

Instrument :

MSVOA_D

ClientSampleId :

RCA-09

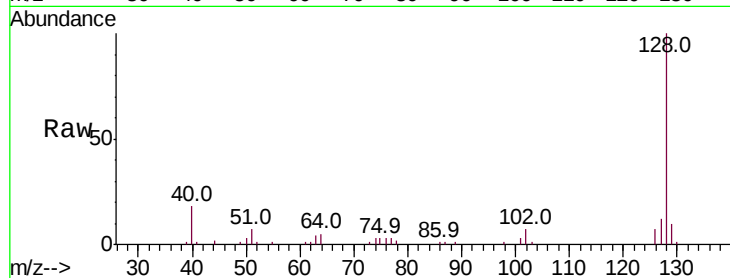
Tot Ion:128 Resp: 69975

Ion Ratio Lower Upper

128 100

127 11.7 9.8 14.8

129 9.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

