

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066267.D
 Acq On : 17 Aug 2020 19:32
 Operator : VA/SY
 Sample : L3691-03RE
 Misc : 8.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S604-M-SO-1-1.5-081320RE

Quant Time: Aug 18 08:28:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

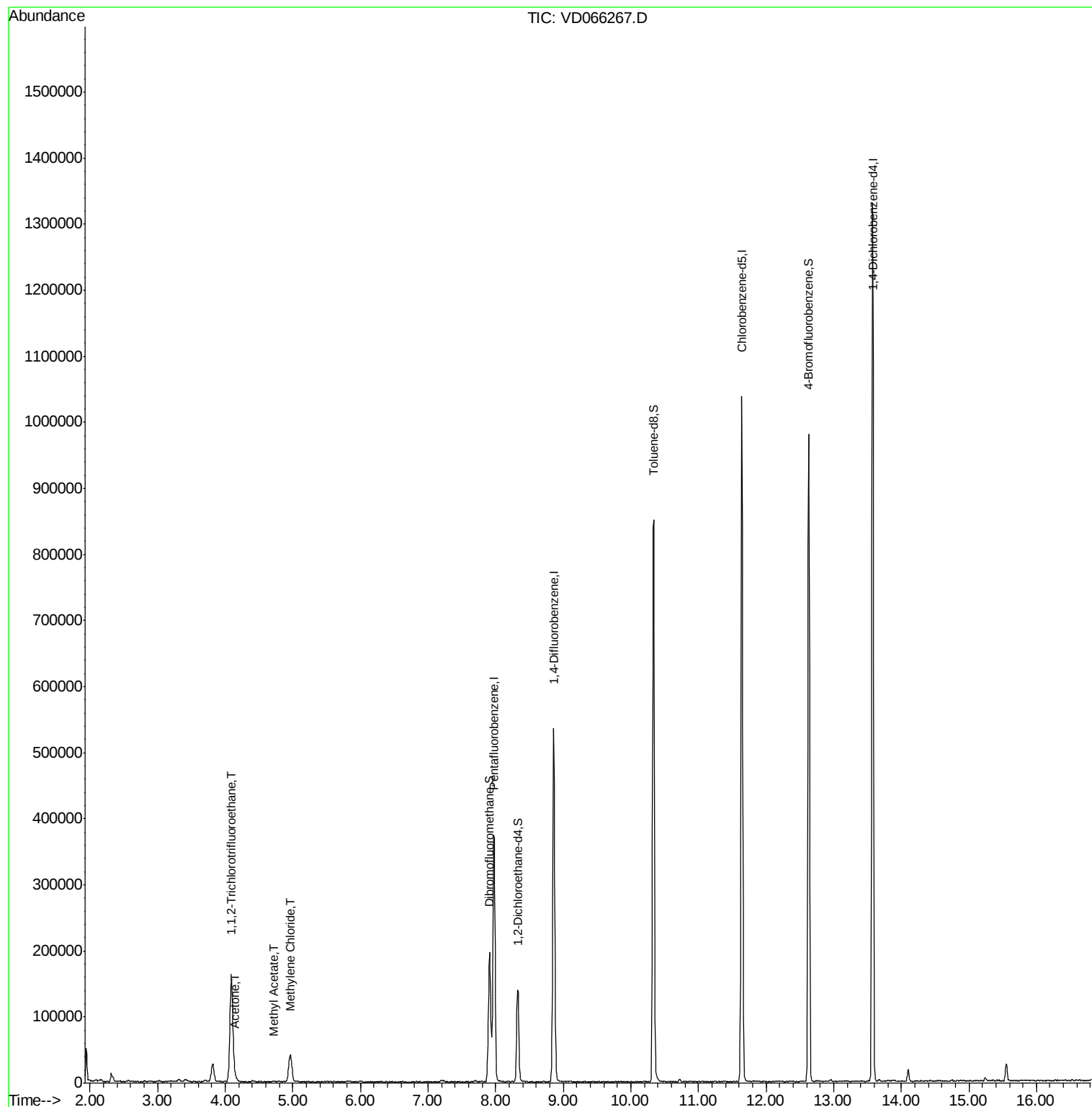
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	293911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	473462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	617669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	368083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117017	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
35) Dibromofluoromethane	7.91	113	139022	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
50) Toluene-d8	10.34	98	596060	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
62) 4-Bromofluorobenzene	12.63	95	316923	79.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	158.88%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	4.09	101	99630	36.108	ug/l	98
16) Acetone	4.15	43	9855	19.808	ug/l #	78
18) Methyl Acetate	4.71	43	2990	2.366	ug/l	91
20) Methylene Chloride	4.95	84	32122	7.254	ug/l #	91

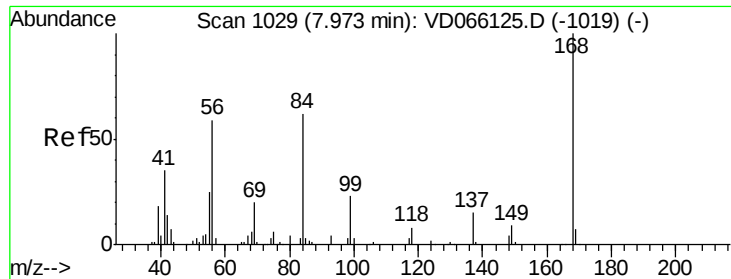
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066267.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

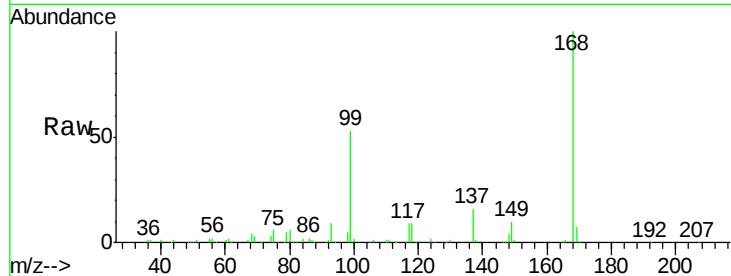
S604-M-SO-1-1.5-081320RE

Tot Ion:168 Resp: 293911

Ion Ratio Lower Upper

168 100

99 53.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

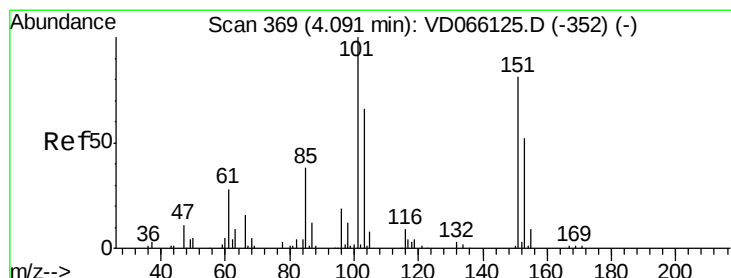
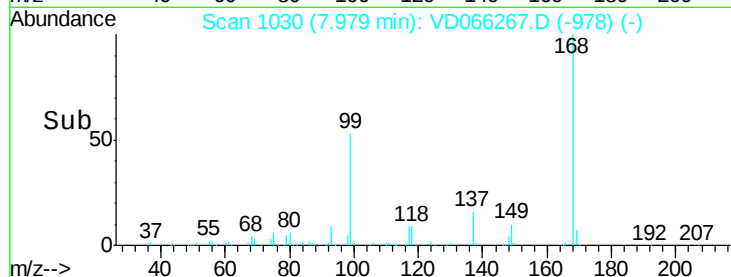
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.108 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066267.D

Acq: 17 Aug 2020 19:32

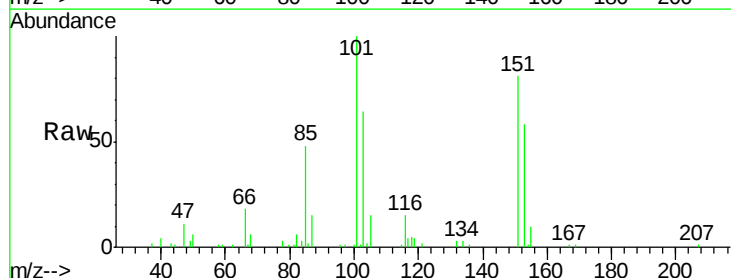
Tgt Ion:101 Resp: 99630

Ion Ratio Lower Upper

101 100

85 44.8 33.5 50.3

151 85.8 67.8 101.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VDC

Ion 150.80 (150.50 to 151.50): V

4.09

40000

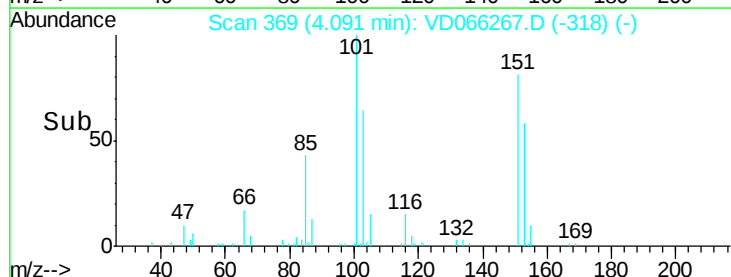
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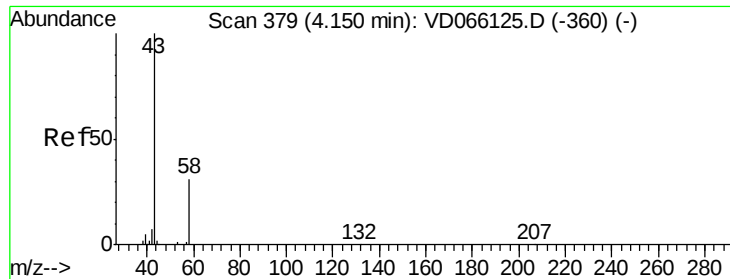
20000

10000

0

Time-->





#16

Acetone

Concen: 19.808 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066267.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

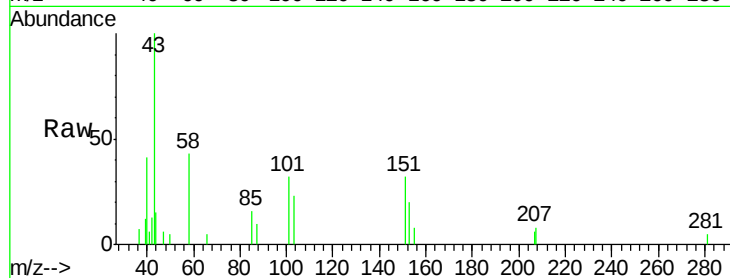
S604-M-SO-1-1.5-081320RE

Tot Ion: 43 Resp: 9855

Ion Ratio Lower Upper

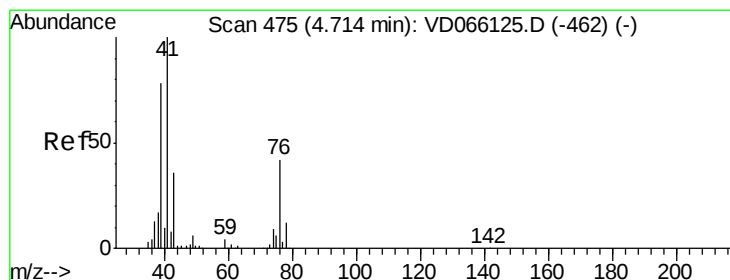
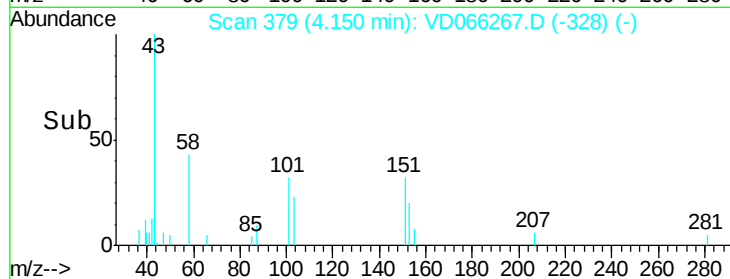
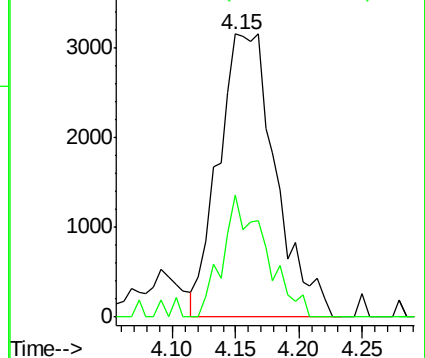
43 100

58 43.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: 2.366 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066267.D

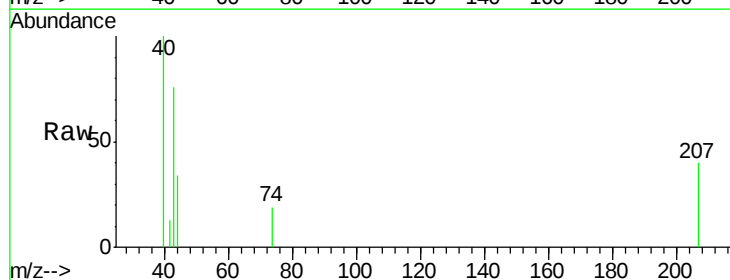
Acq: 17 Aug 2020 19:32

Tgt Ion: 43 Resp: 2990

Ion Ratio Lower Upper

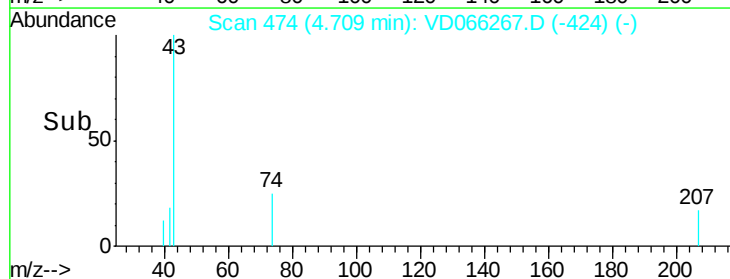
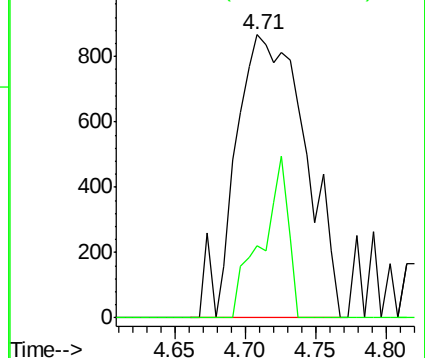
43 100

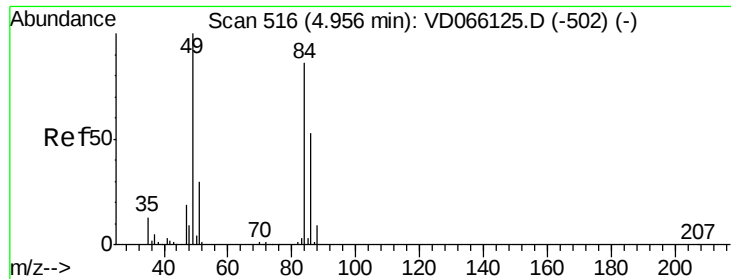
74 22.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

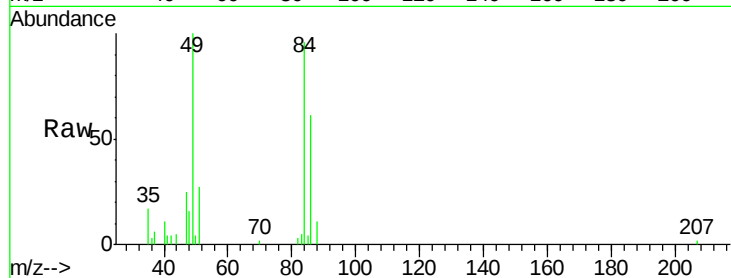




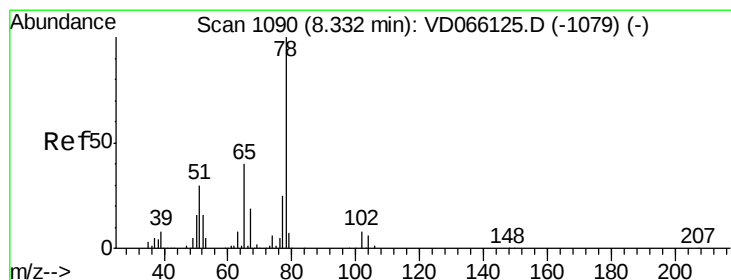
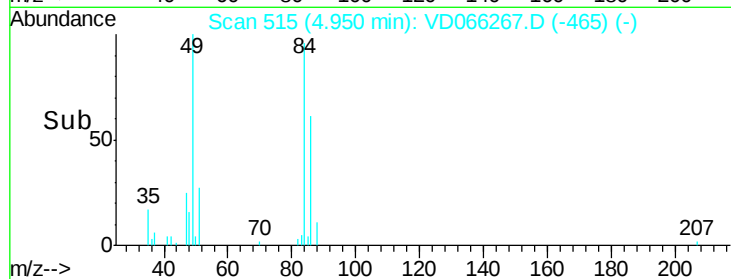
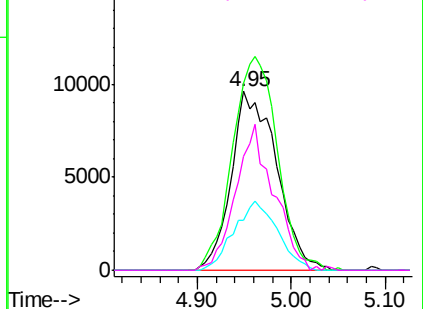
#20
Methvlene Chloride
Concen: 7.254 ug/l
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD066267.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
S604-M-SO-1-1.5-081320RE

Tot Ion: 84 Resp: 32122
Ion Ratio Lower Upper
84 100
49 104.5 93.5 140.3
51 28.0 28.2 42.4#
86 63.5 49.5 74.3

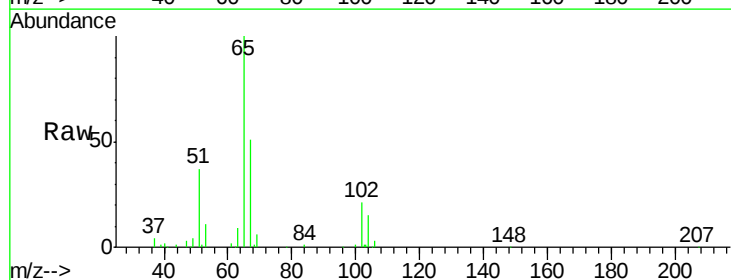


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

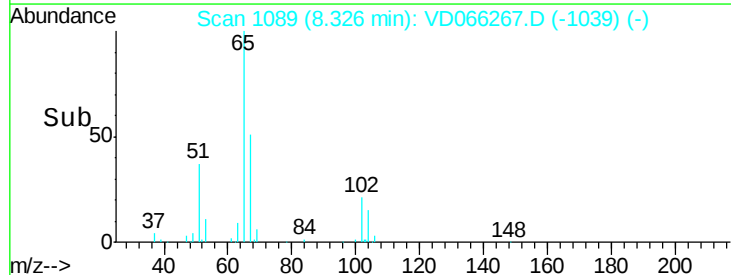
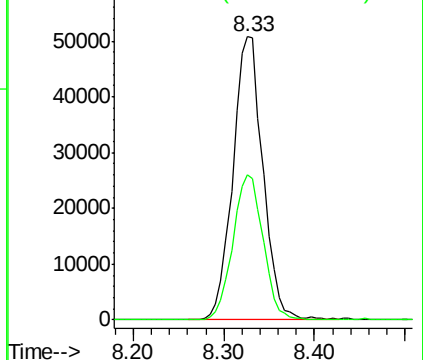


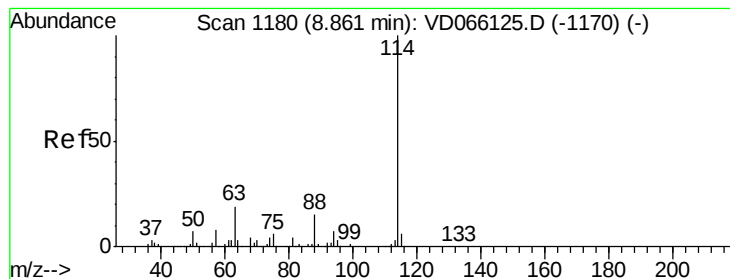
#33
1,2-Dichloroethane-d4
Concen: 44.627 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066267.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 65 Resp: 117017
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066267.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

S604-M-SO-1-1.5-081320RE

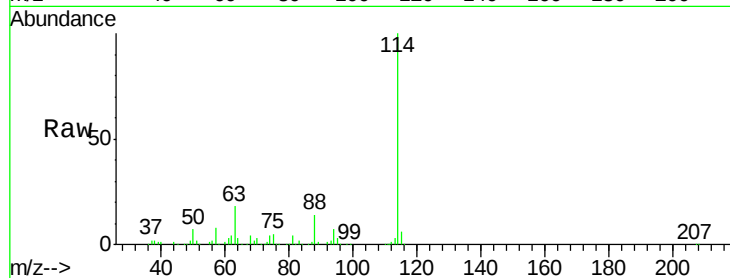
Tot Ion:114 Resp: 473462

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.6

88 14.5 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

300000

250000

200000

150000

100000

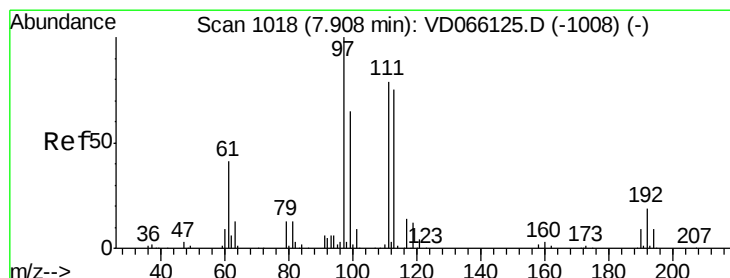
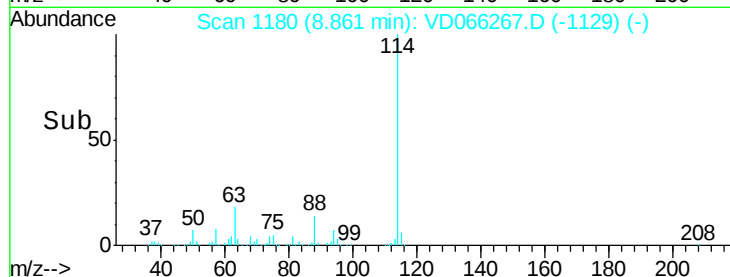
50000

0

8.86

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 46.351 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066267.D

Acq: 17 Aug 2020 19:32

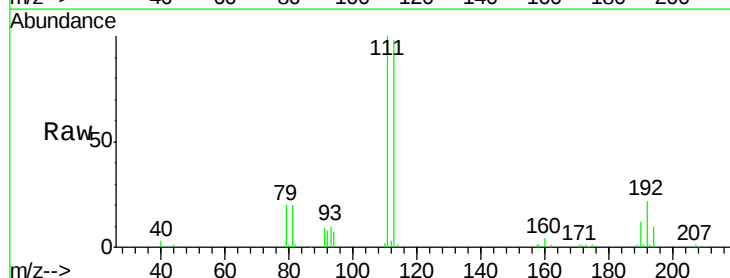
Tgt Ion:113 Resp: 139022

Ion Ratio Lower Upper

113 100

111 104.7 80.7 121.1

192 23.9 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

80000

60000

40000

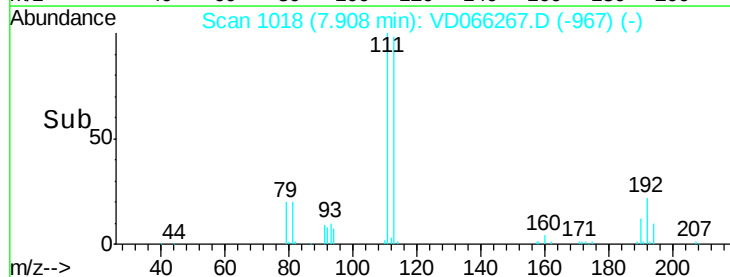
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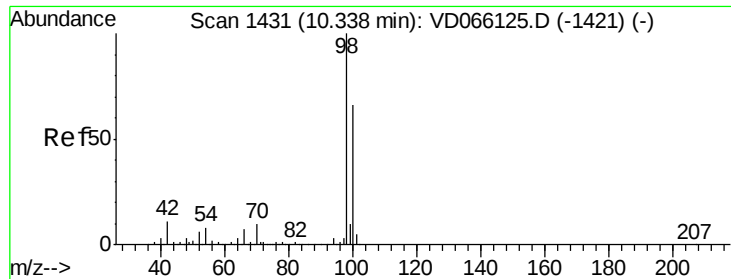
0

7.91

7.80 7.85 7.90 7.95 8.00

Time-->

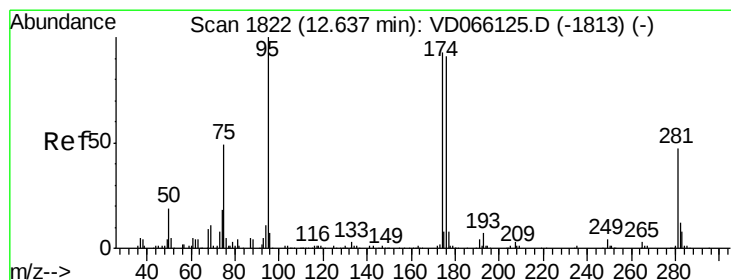
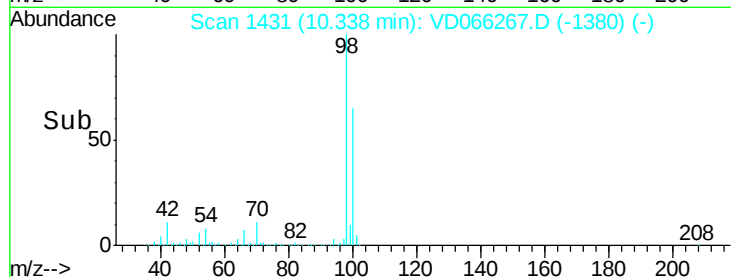
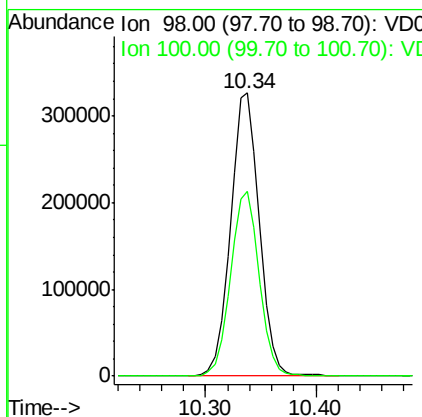
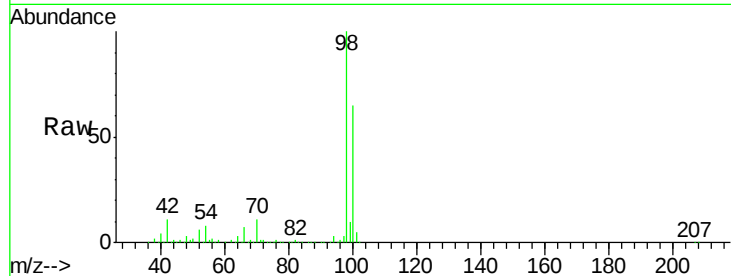




#50
Toluene-d8
Concen: 53.853 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066267.D
Acq: 17 Aug 2020 19:32

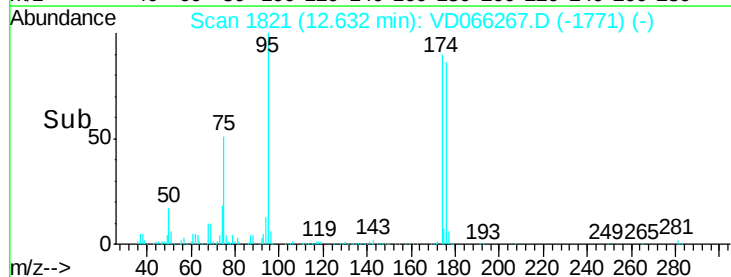
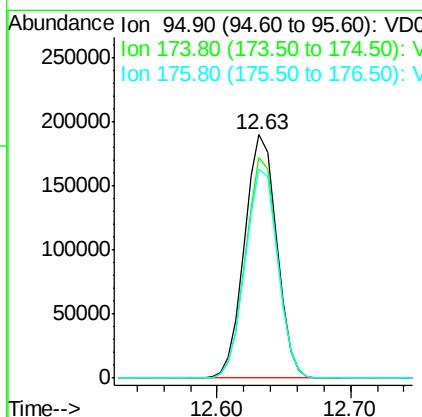
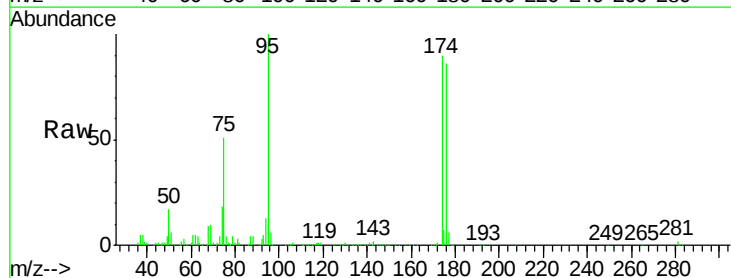
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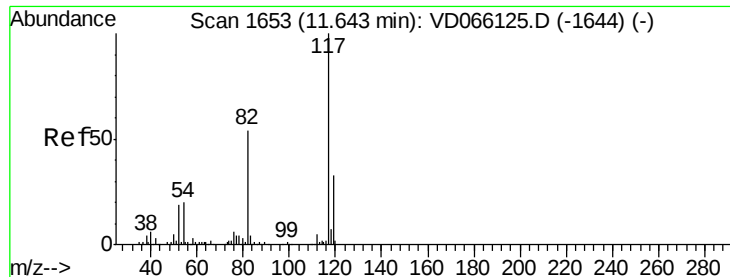
Tot Ion: 98 Resp: 596060
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 79.436 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066267.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 95 Resp: 316923
Ion Ratio Lower Upper
95 100
174 89.5 0.0 180.8
176 86.4 0.0 181.2

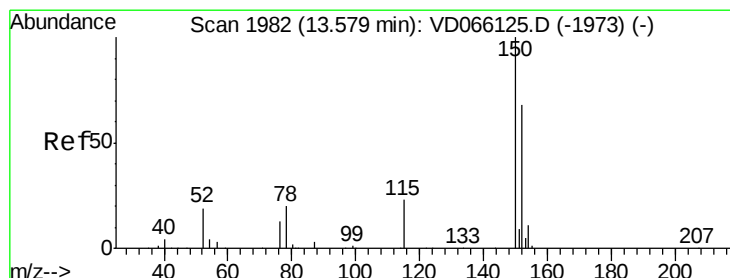
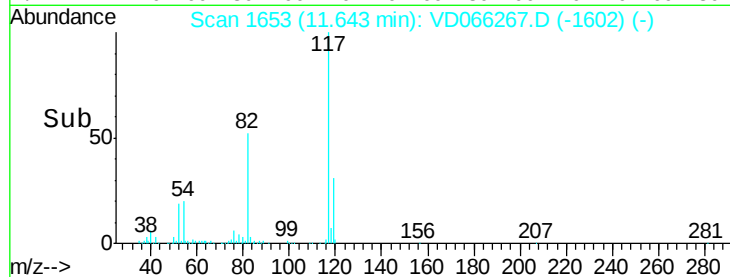
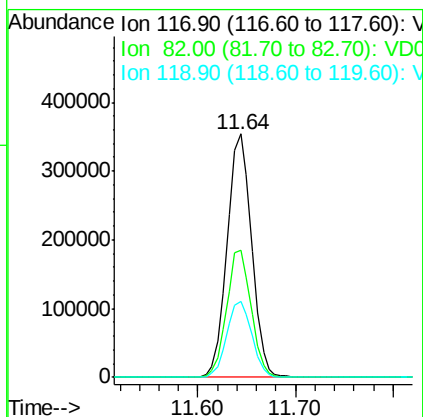
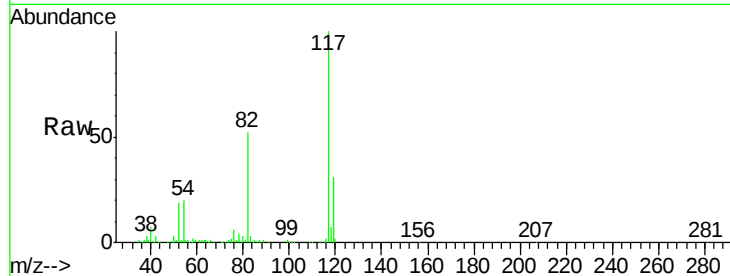




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066267.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
S604-M-SO-1-1.5-081320RE

Tot Ion:117 Resp: 617669
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066267.D
Acq: 17 Aug 2020 19:32

Tgt Ion:152 Resp: 368083
Ion Ratio Lower Upper
152 100
115 55.7 28.0 83.9
150 154.8 0.0 346.4

