

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066243.D
 Acq On : 14 Aug 2020 18:17
 Operator : VA/SY
 Sample : L3691-01
 Misc : 8.72G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S603-M-SO-1-1.5-081320

Quant Time: Aug 17 09:32:54 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

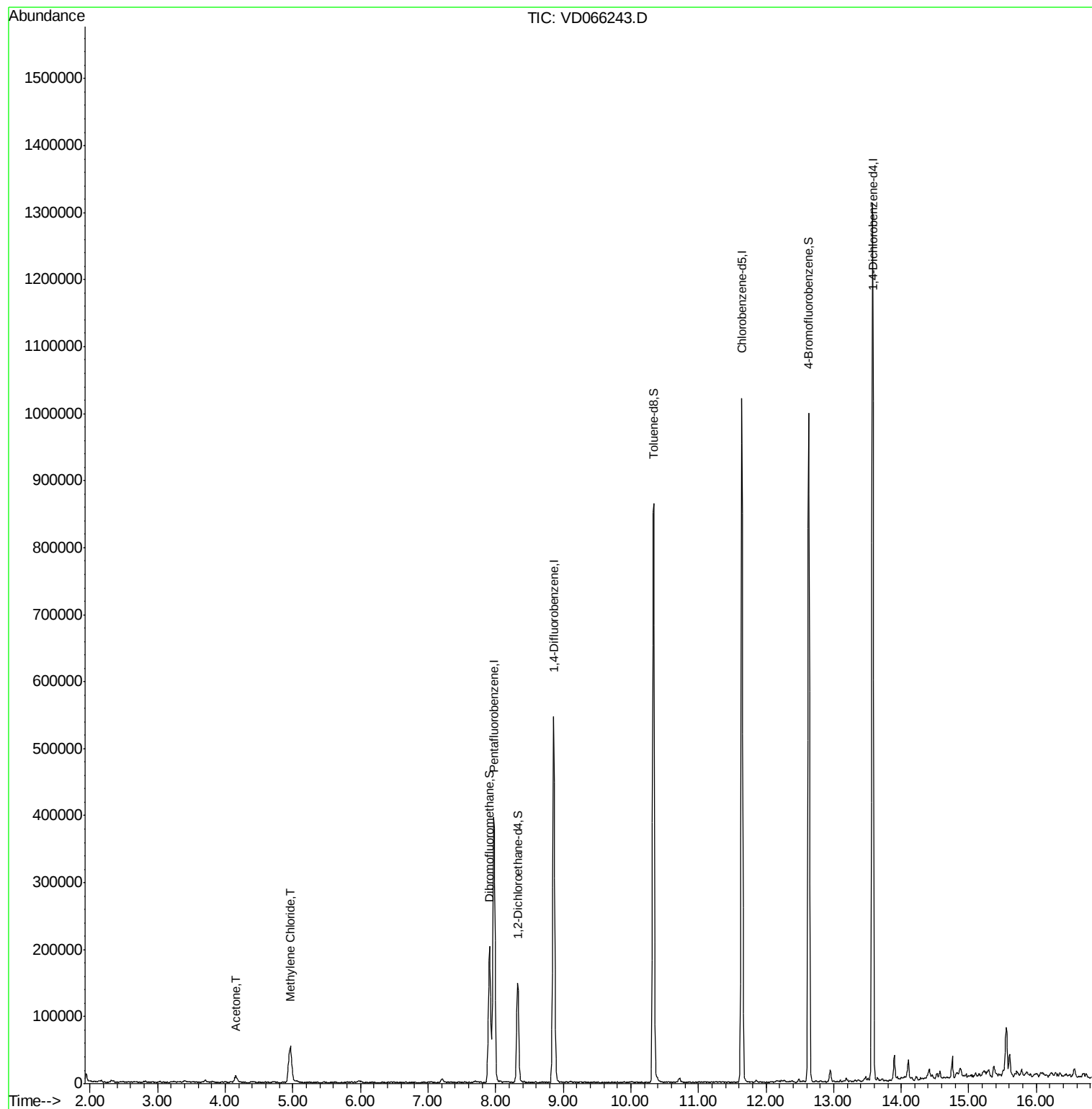
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	310886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	482847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	601435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	358015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	120725	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
35) Dibromofluoromethane	7.91	113	144667	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	10.34	98	602077	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.63	95	301933	74.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.42%	
Target Compounds						
16) Acetone	4.16	43	17471	33.198	ug/l	89
20) Methylene Chloride	4.96	84	44057	10.933	ug/l	94

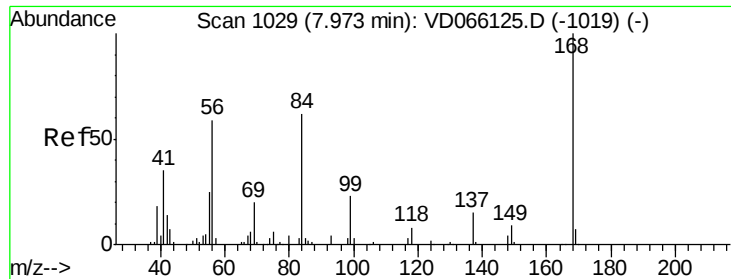
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

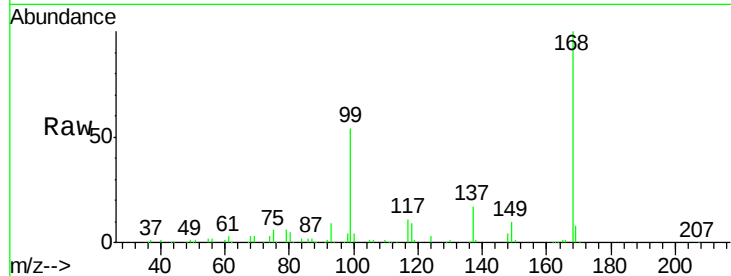
S603-M-SO-1-1.5-081320

Tot Ion:168 Resp: 310886

Ion Ratio Lower Upper

168 100

99 53.6 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

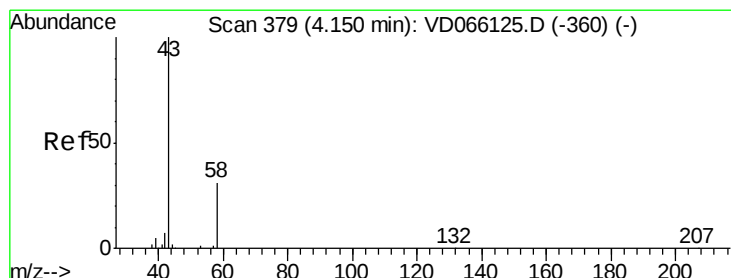
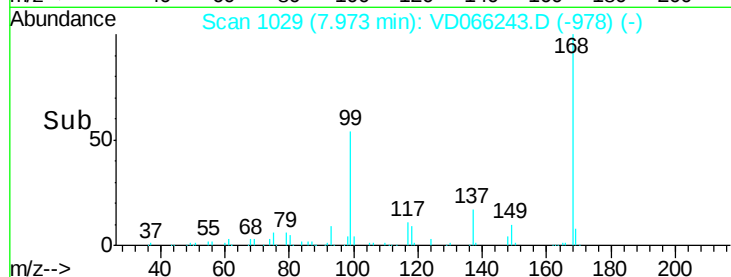
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 33.198 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066243.D

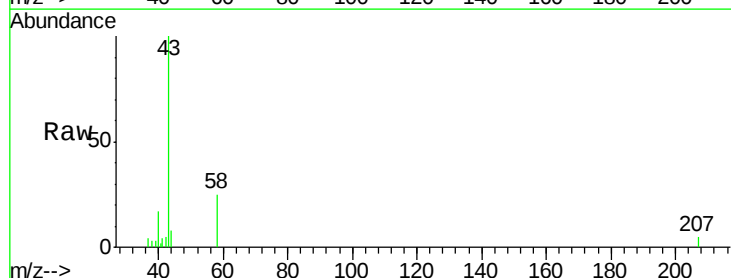
Acq: 14 Aug 2020 18:17

Tgt Ion: 43 Resp: 17471

Ion Ratio Lower Upper

43 100

58 24.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

8000

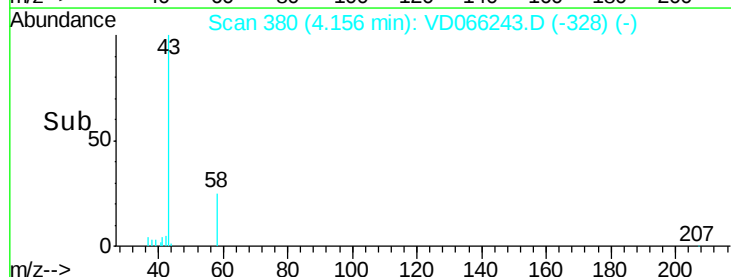
6000

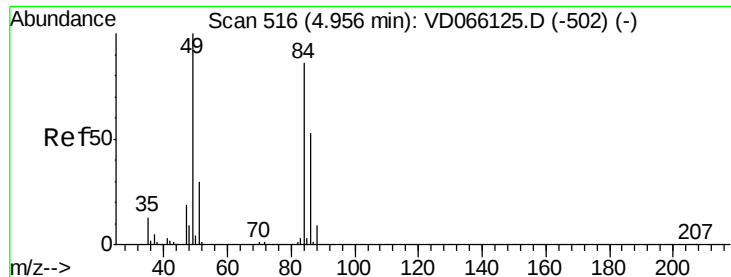
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 10.933 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066243.D

Acq: 14 Aug 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

S603-M-SO-1-1.5-081320

Tot Ion: 84 Resp: 44057

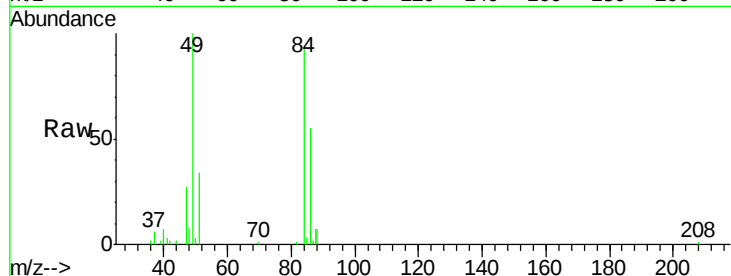
Ion Ratio Lower Upper

84 100

49 107.7 93.5 140.3

51 36.3 28.2 42.4

86 58.9 49.5 74.3

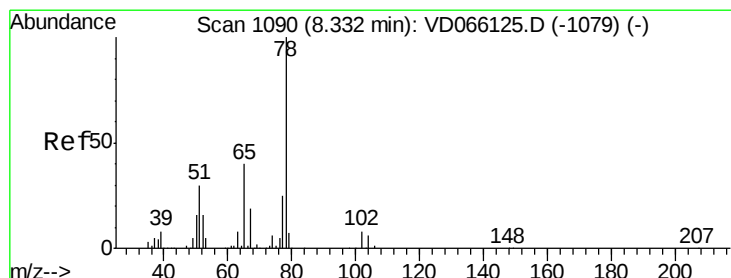
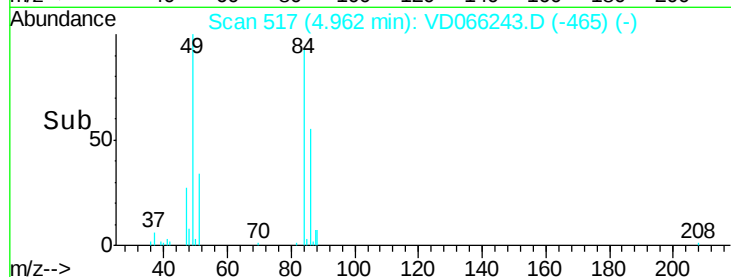
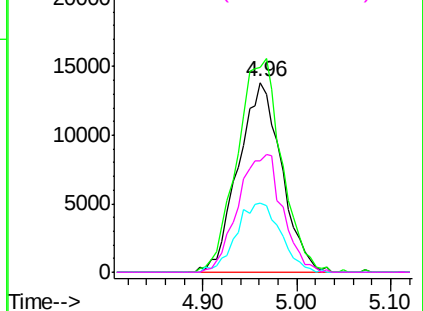


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 43.527 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066243.D

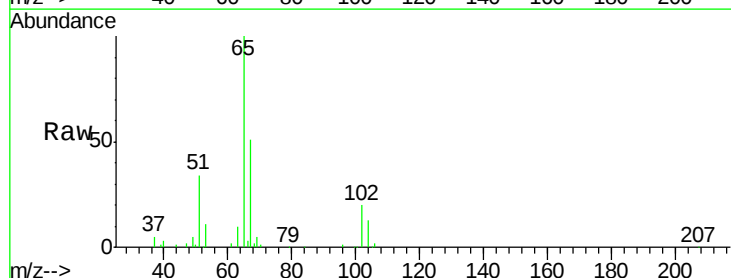
Acq: 14 Aug 2020 18:17

Tgt Ion: 65 Resp: 120725

Ion Ratio Lower Upper

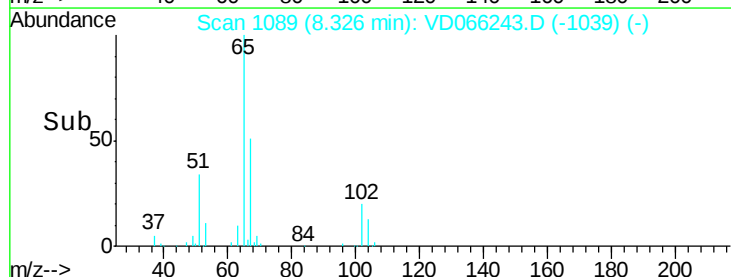
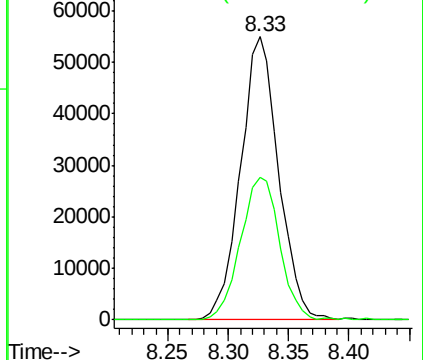
65 100

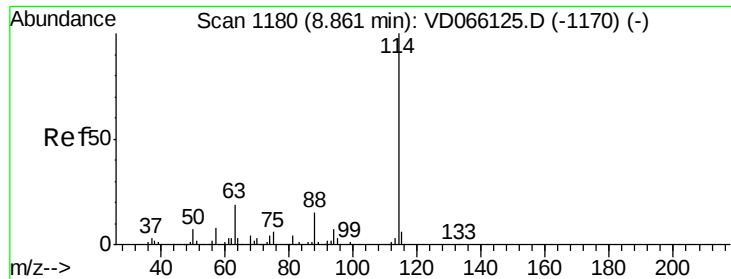
67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

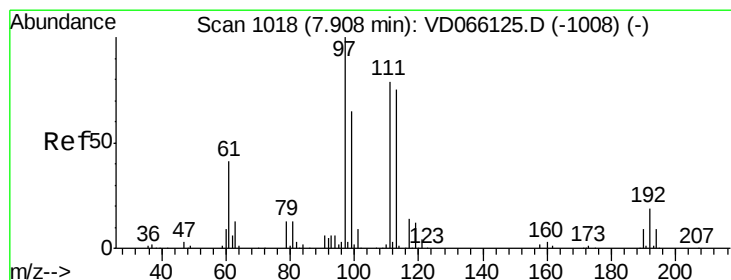
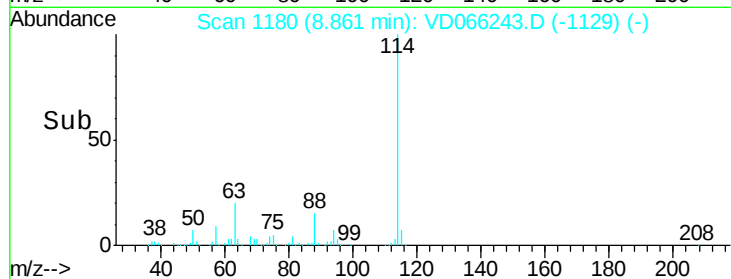
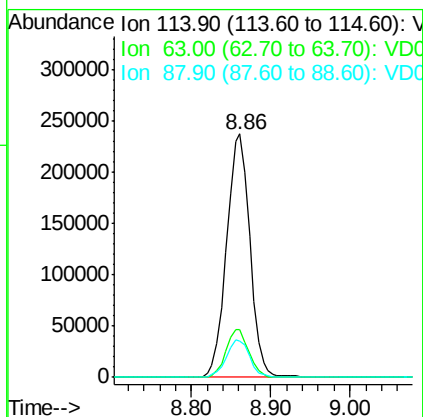
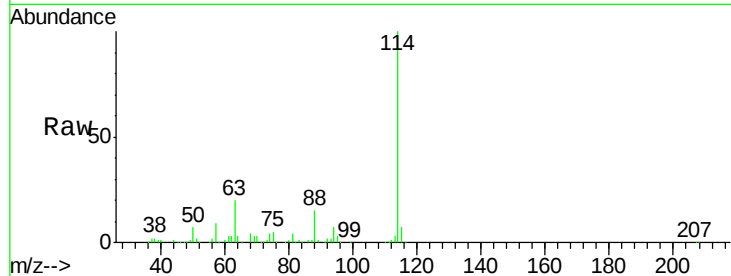




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066243.D
 Acq: 14 Aug 2020 18:17

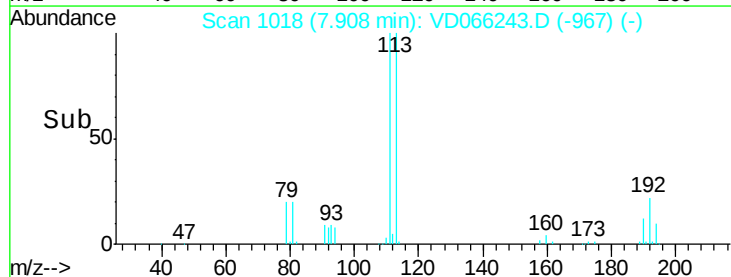
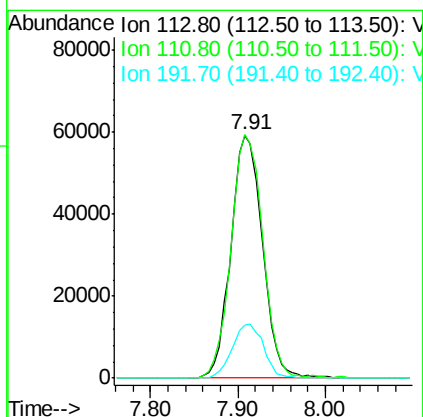
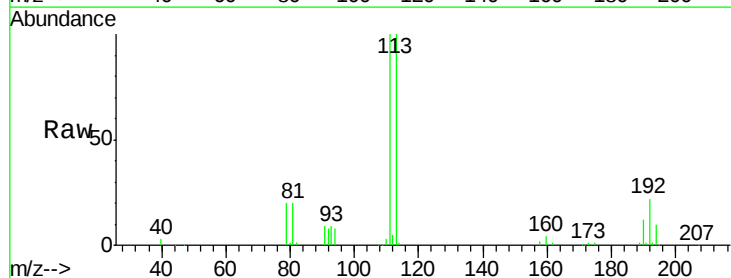
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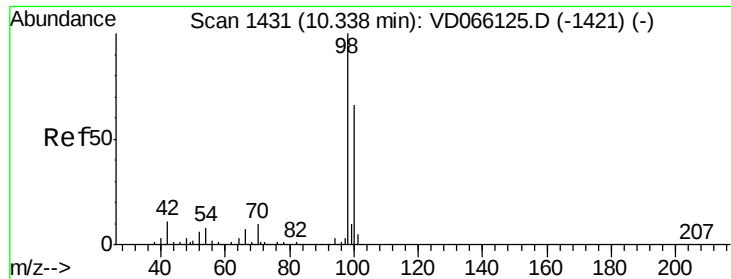
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.6
88	14.9	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 47.296 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066243.D
 Acq: 14 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	80.7	121.1
192	22.0	18.4	27.6

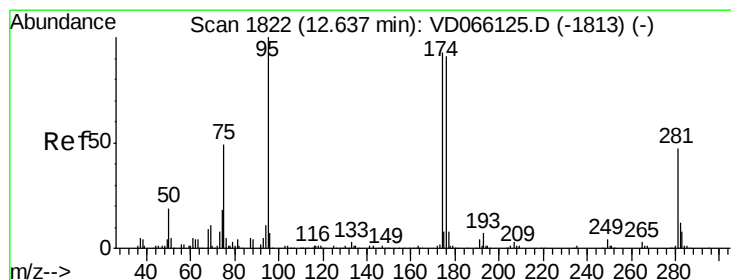
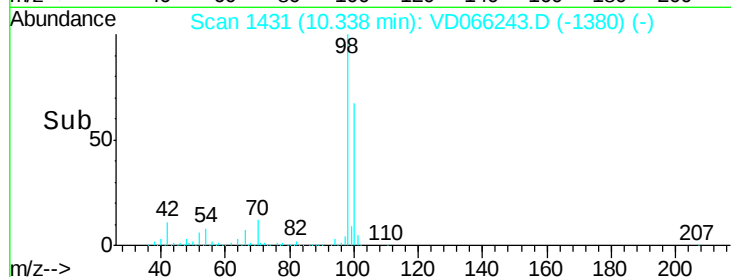
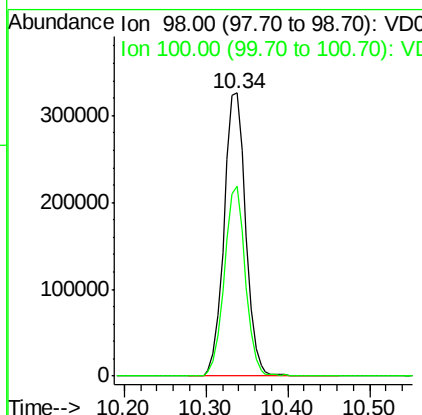
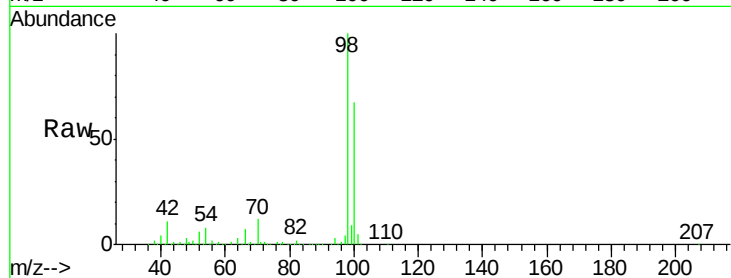




#50
Toluene-d8
Concen: 53.339 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066243.D
Acq: 14 Aug 2020 18:17

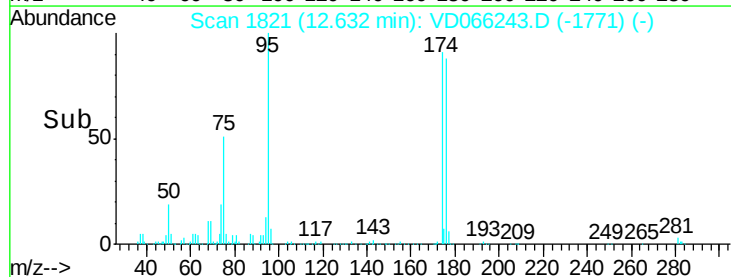
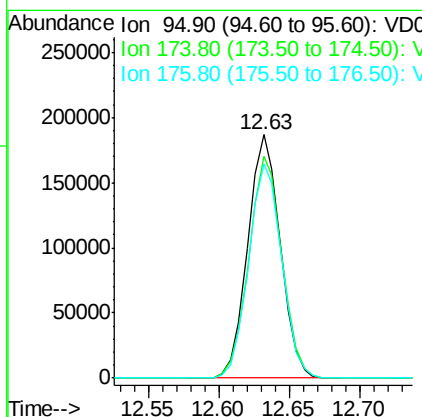
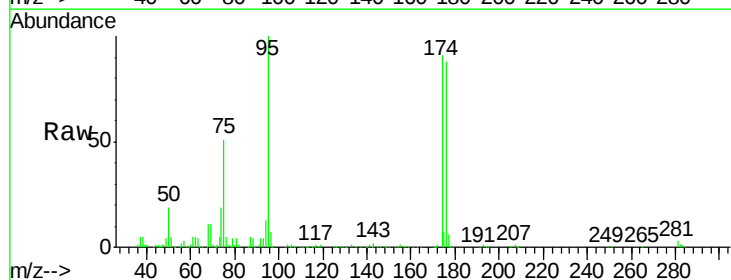
Instrument :
MSVOA_D
ClientSampleId :
S603-M-SO-1-1.5-081320

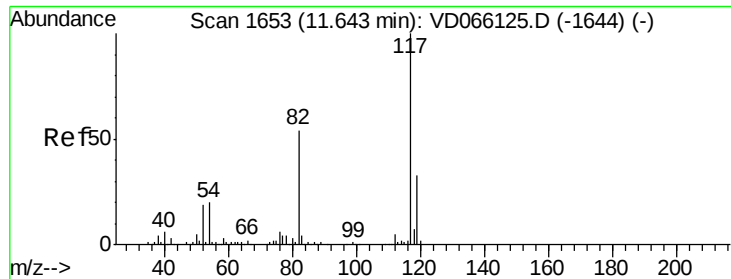
Tot Ion: 98 Resp: 602077
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 74.208 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066243.D
Acq: 14 Aug 2020 18:17

Tgt Ion: 95 Resp: 301933
Ion Ratio Lower Upper
95 100
174 92.6 0.0 180.8
176 89.4 0.0 181.2

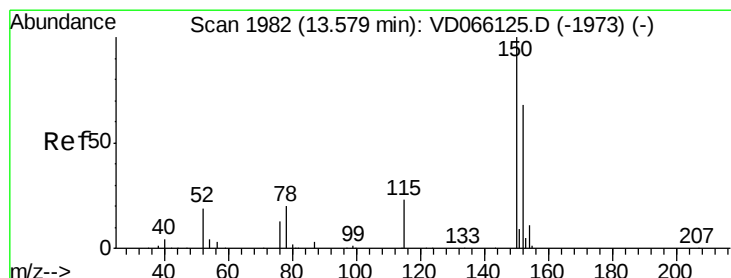
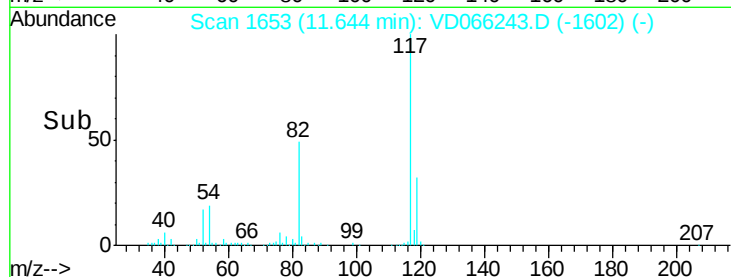
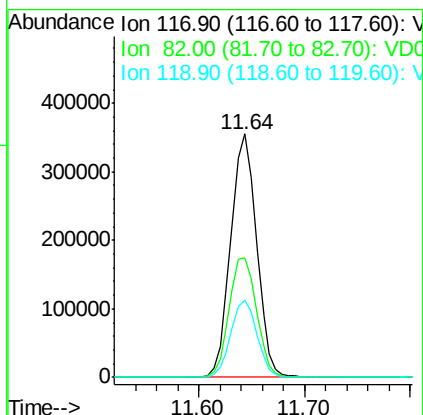
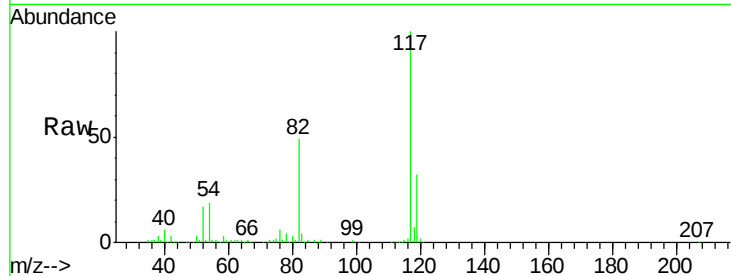




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066243.D
Acq: 14 Aug 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
S603-M-SO-1-1.5-081320

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	43.0	64.4
119	31.8	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: VD066243.D
Acq: 14 Aug 2020 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.0	83.9
150	155.3	0.0	346.4

