

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066266.D
 Acq On : 17 Aug 2020 19:04
 Operator : VA/SY
 Sample : L3691-02RE
 Misc : 8.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 18 08:26:57 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

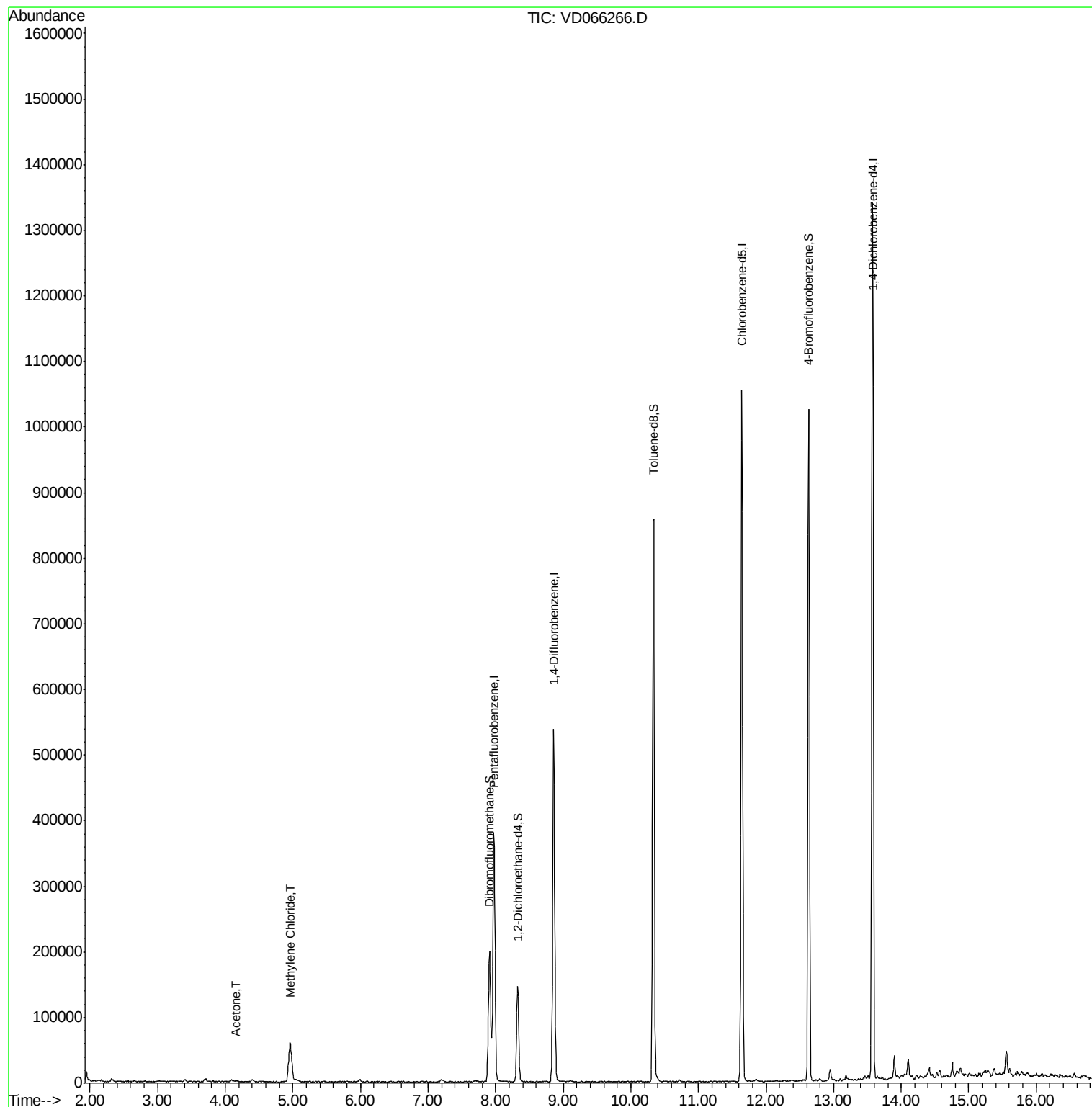
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	296871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	473188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	619871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	365711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117727	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
35) Dibromofluoromethane	7.91	113	143323	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
50) Toluene-d8	10.34	98	597173	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
62) 4-Bromofluorobenzene	12.63	95	318891	79.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	159.96%	
Target Compounds						
16) Acetone	4.16	43	3674	7.311	ug/l #	84
20) Methylene Chloride	4.96	84	47123	12.863	ug/l	98

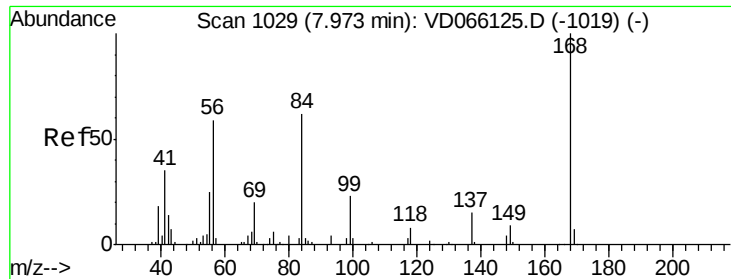
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066266.D

Acq: 17 Aug 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

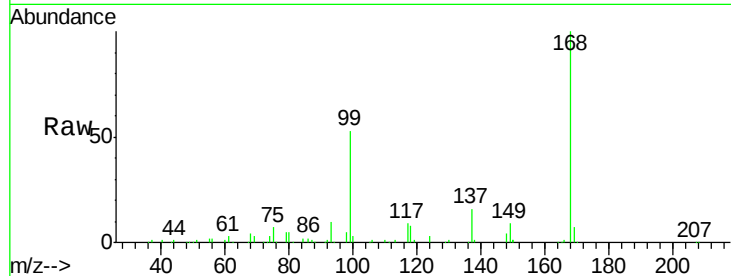
S603-M-SO-1-1.5-081320-FDRE

Tot Ion:168 Resp: 296871

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

7.97

150000

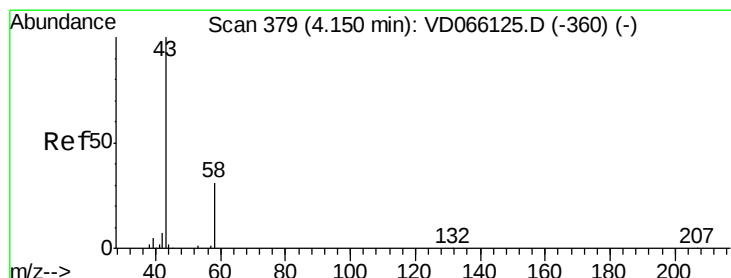
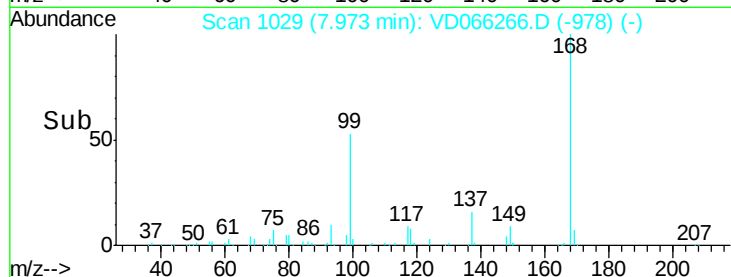
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 7.311 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066266.D

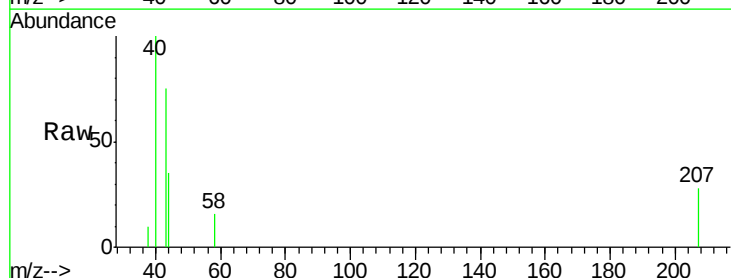
Acq: 17 Aug 2020 19:04

Tgt Ion: 43 Resp: 3674

Ion Ratio Lower Upper

43 100

58 21.9 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

1500

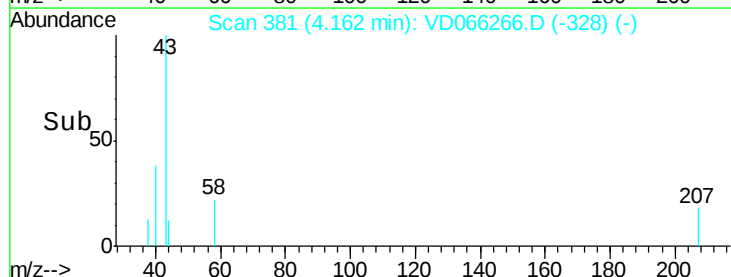
1000

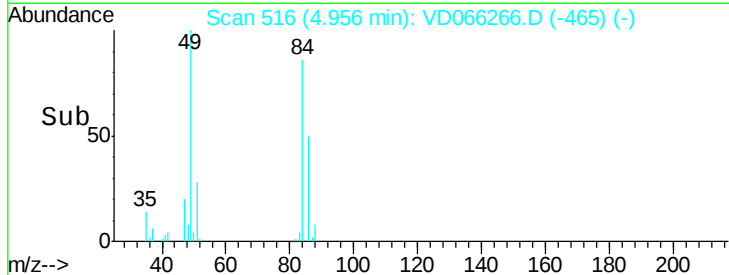
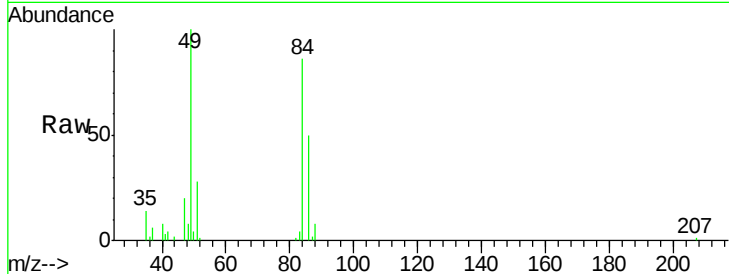
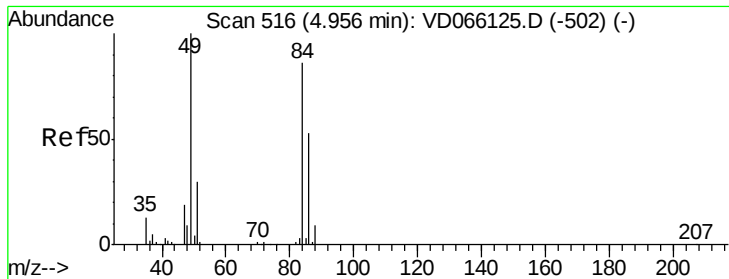
500

0

4.10 4.15 4.20 4.25

Time-->

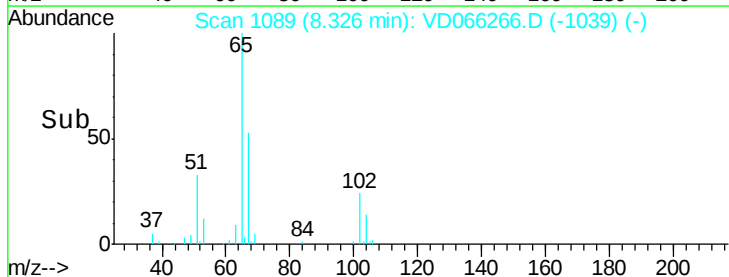
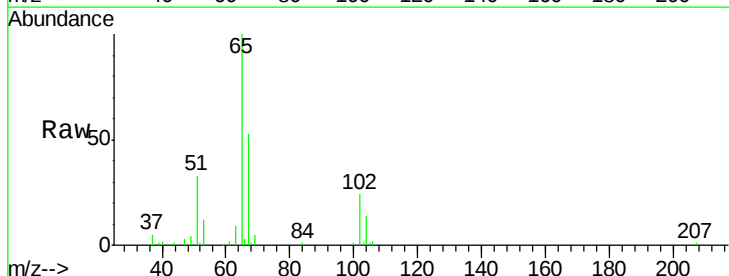
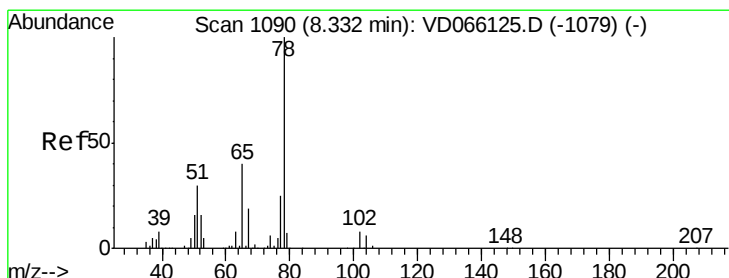
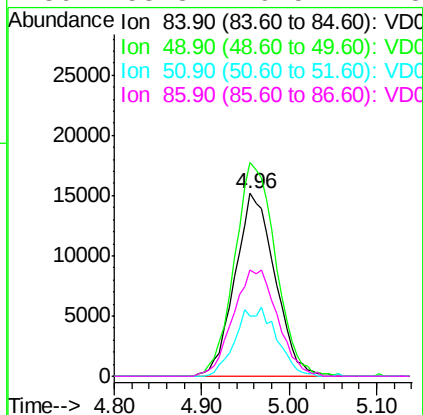




#20
Methvlene Chloride
Concen: 12.863 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066266.D
Acq: 17 Aug 2020 19:04

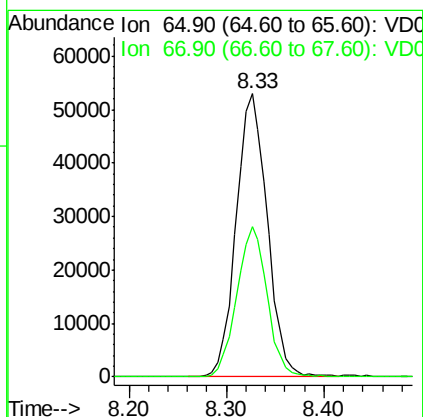
Instrument :
MSVOA_D
ClientSampleId :
S603-M-SO-1-1.5-081320-FDRE

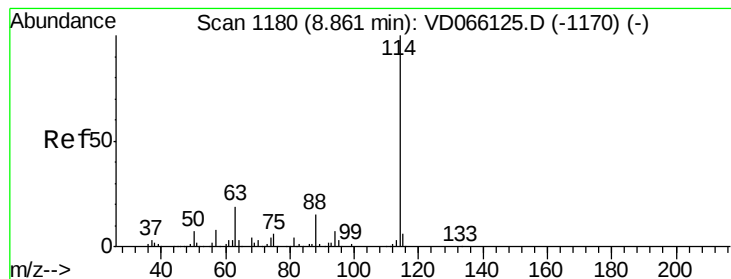
Tot Ion: 84 Resp: 47123
Ion Ratio Lower Upper
84 100
49 116.8 93.5 140.3
51 33.1 28.2 42.4
86 58.3 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 44.450 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066266.D
Acq: 17 Aug 2020 19:04

Tgt Ion: 65 Resp: 117727
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066266.D

Acq: 17 Aug 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

S603-M-SO-1-1.5-081320-FDRE

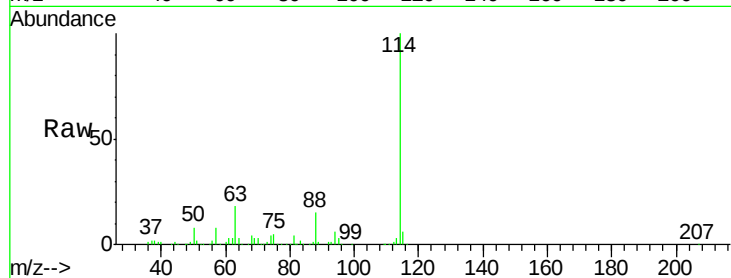
Tot Ion:114 Resp: 473188

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.6

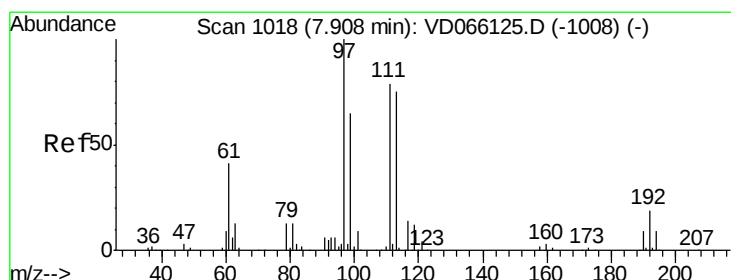
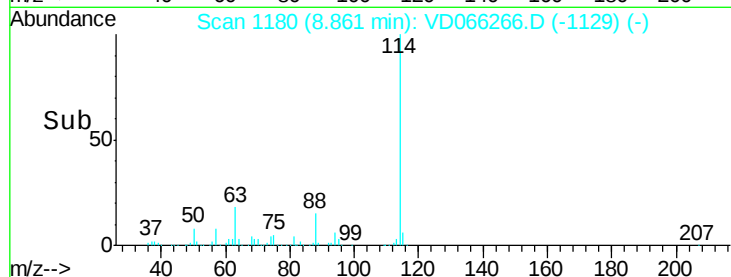
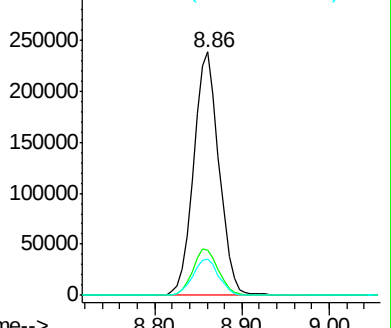
88 14.9 0.0 30.0



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



#35

Dibromofluoromethane

Concen: 47.813 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066266.D

Acq: 17 Aug 2020 19:04

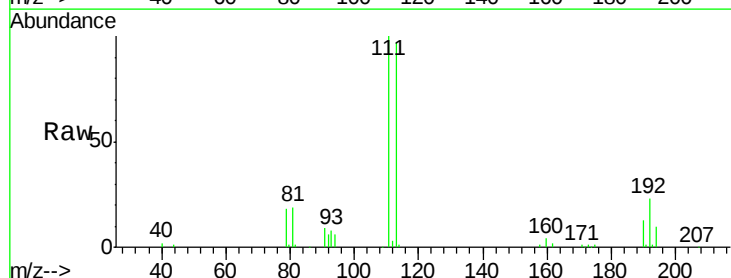
Tgt Ion:113 Resp: 143323

Ion Ratio Lower Upper

113 100

111 101.9 80.7 121.1

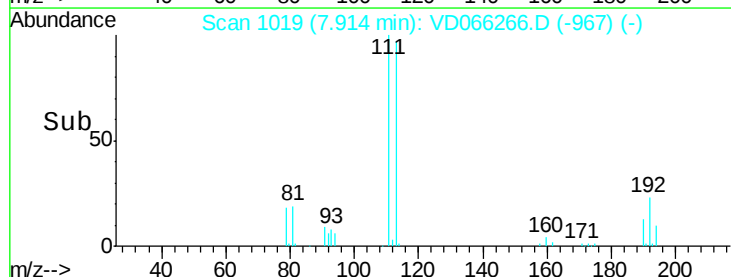
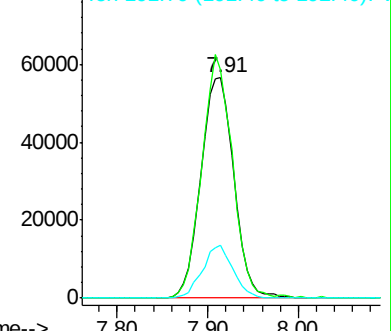
192 22.2 18.4 27.6

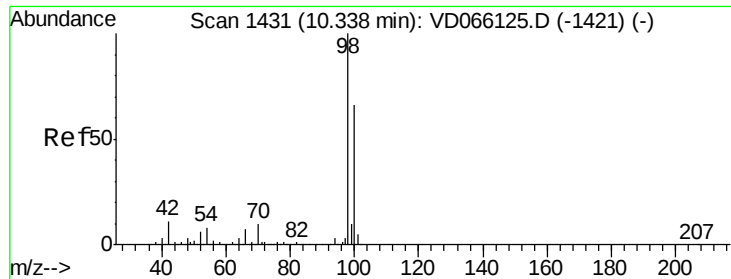


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

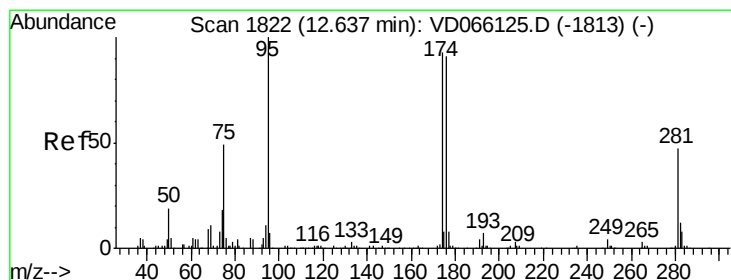
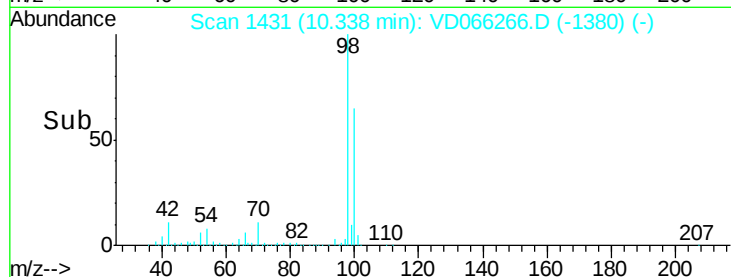
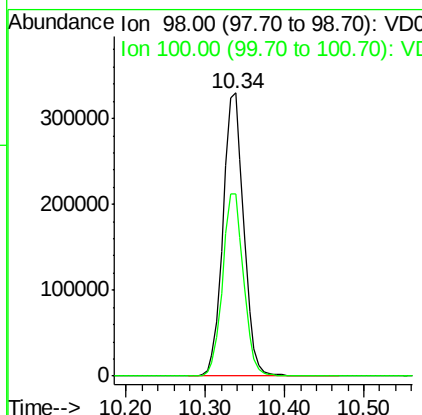
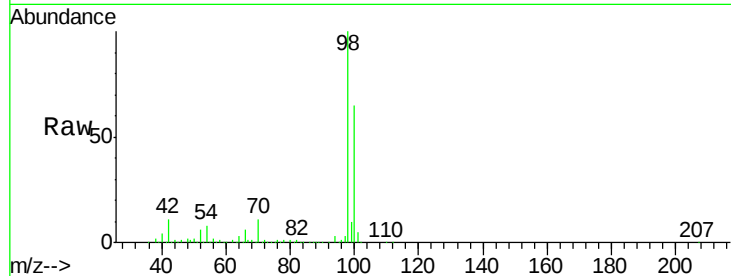




#50
Toluene-d8
Concen: 53.985 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066266.D
Acq: 17 Aug 2020 19:04

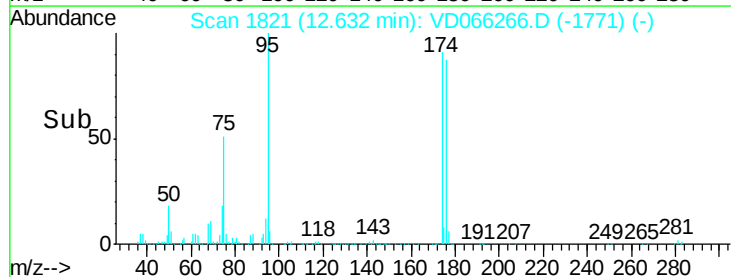
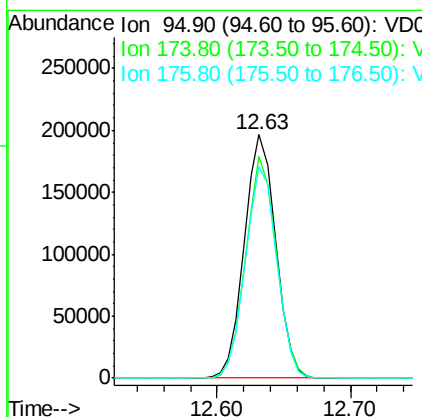
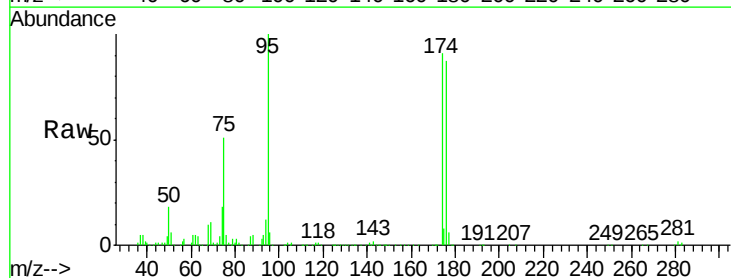
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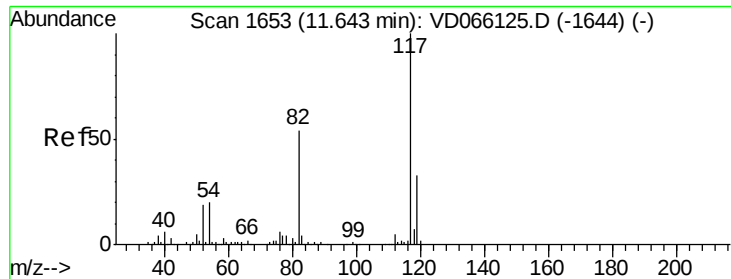
Tot Ion: 98 Resp: 597173
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 79.975 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066266.D
Acq: 17 Aug 2020 19:04

Tgt Ion: 95 Resp: 318891
Ion Ratio Lower Upper
95 100
174 89.2 0.0 180.8
176 86.8 0.0 181.2

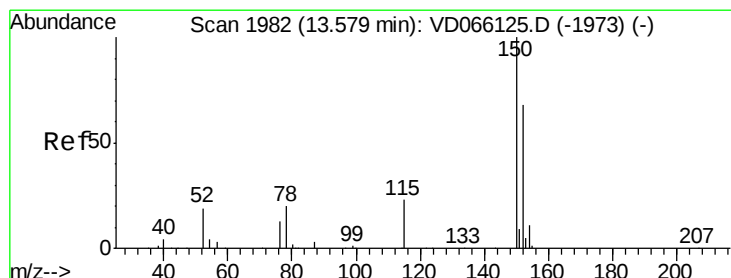
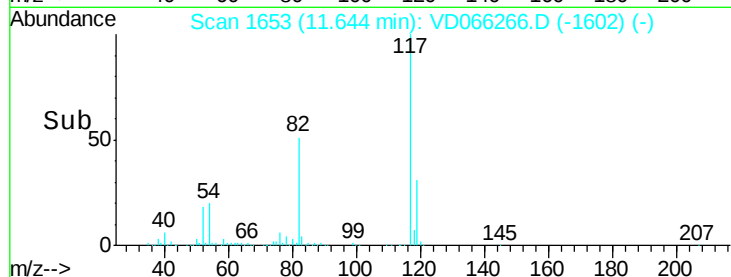
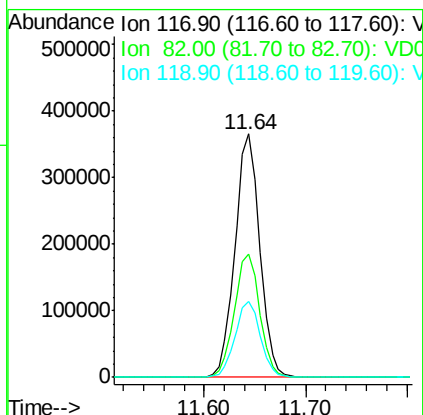
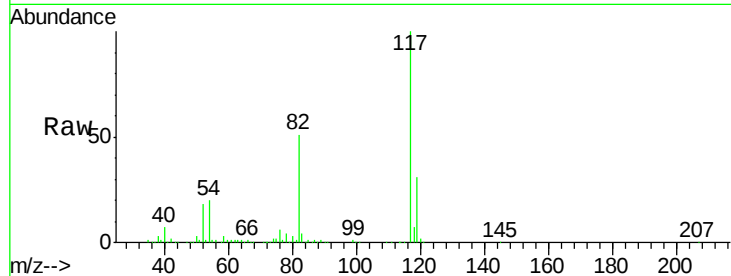




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066266.D
Acq: 17 Aug 2020 19:04

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	43.0	64.4
119	31.1	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: VD066266.D
Acq: 17 Aug 2020 19:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.0	83.9
150	156.9	0.0	346.4

