

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066279.D
 Acq On : 18 Aug 2020 15:48
 Operator : VA/SY
 Sample : L3508-19
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-08-081420

Quant Time: Aug 19 06:53:20 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

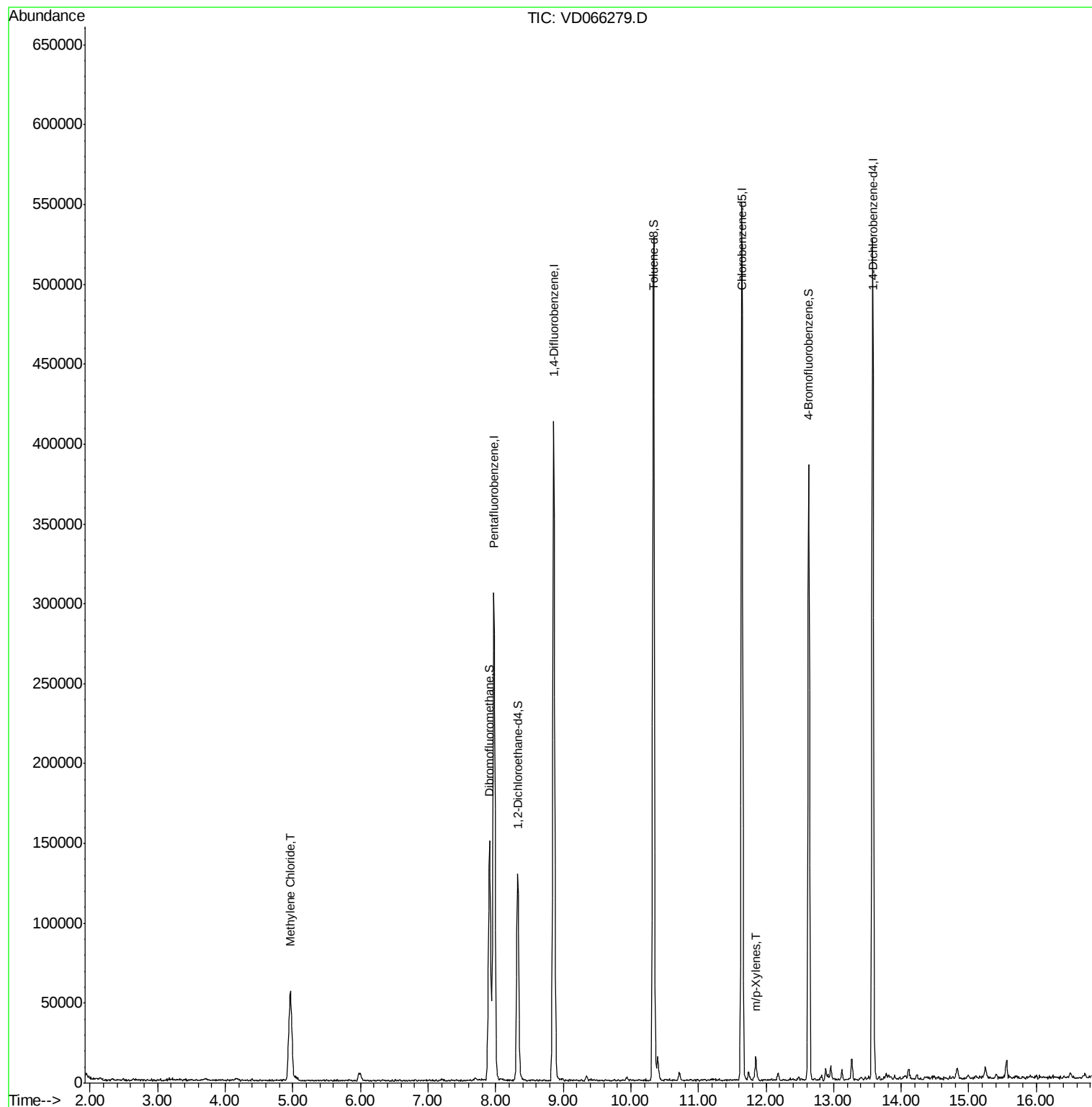
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	232624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	366252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	319179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	107617	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	7.91	113	108110	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	10.34	98	363505	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
62) 4-Bromofluorobenzene	12.63	95	119272	38.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.30%	
Target Compounds						
20) Methylene Chloride	4.96	84	43781	16.207	ug/l	95
68) m/p-Xylenes	11.85	106	4389	1.009	ug/l	96

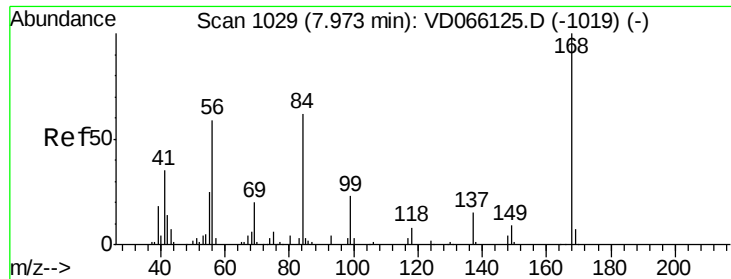
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066279.D

Acq: 18 Aug 2020 15:48

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MSVOA_D

ClientSampleId :

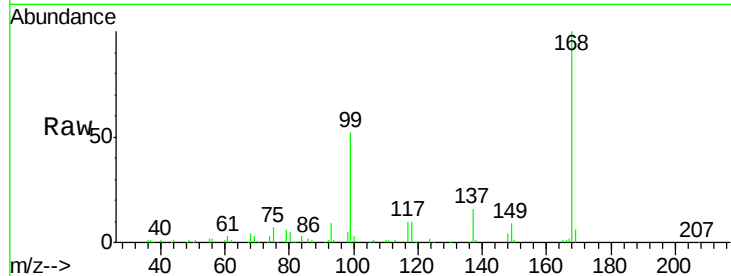
TR-08-081420

Tot Ion:168 Resp: 232624

Ion Ratio Lower Upper

168 100

99 52.4 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

100000

80000

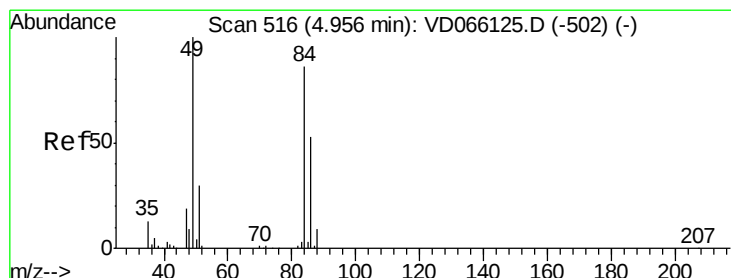
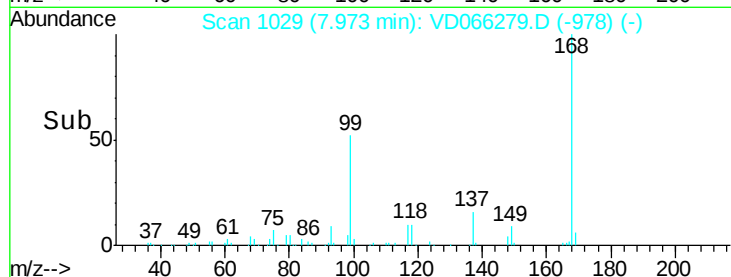
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 16.207 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066279.D

Acq: 18 Aug 2020 15:48

Tgt Ion: 84 Resp: 43781

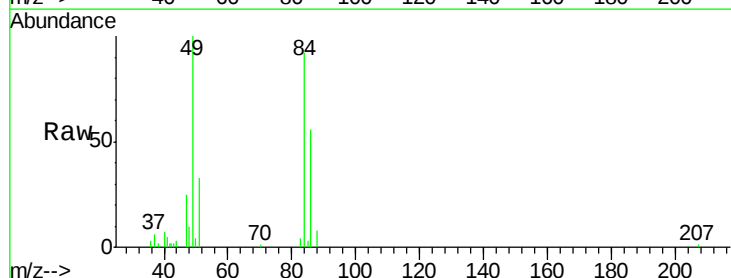
Ion Ratio Lower Upper

84 100

49 108.3 93.5 140.3

51 35.3 28.2 42.4

86 60.7 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

4.96

25000

20000

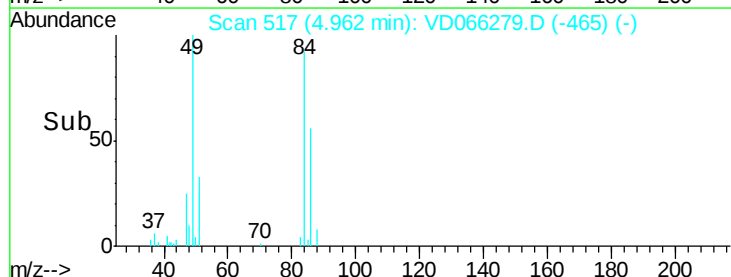
15000

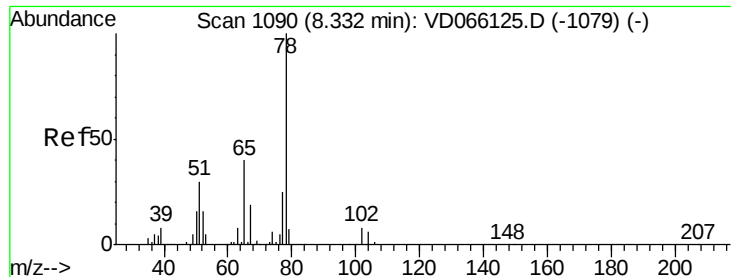
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.855 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066279.D

Acq: 18 Aug 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

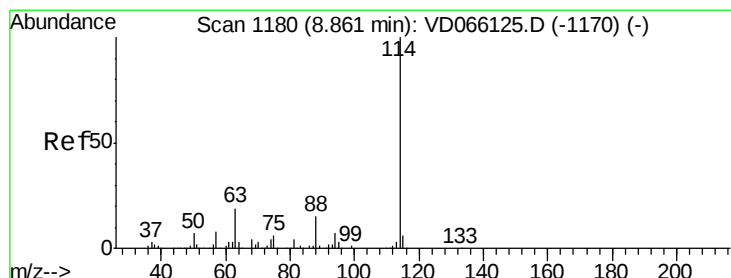
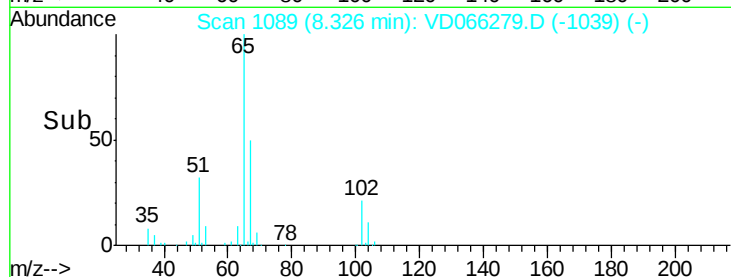
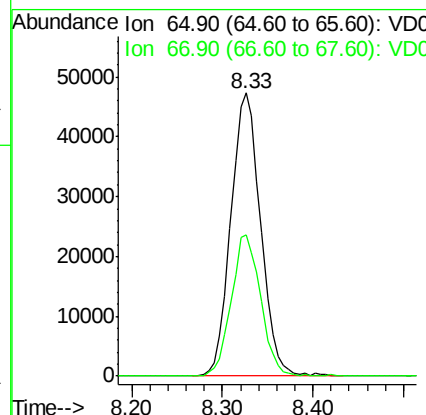
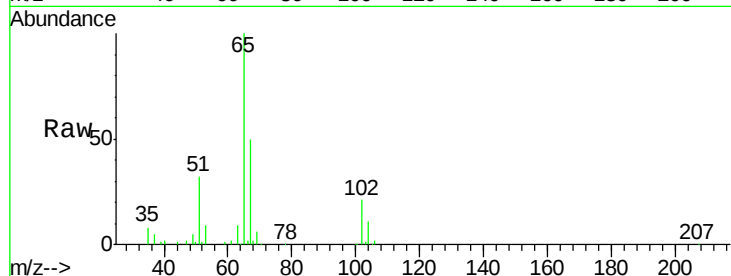
TR-08-081420

Tot Ion: 65 Resp: 107617

Ion Ratio Lower Upper

65 100

67 49.6 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: VD066279.D

Acq: 18 Aug 2020 15:48

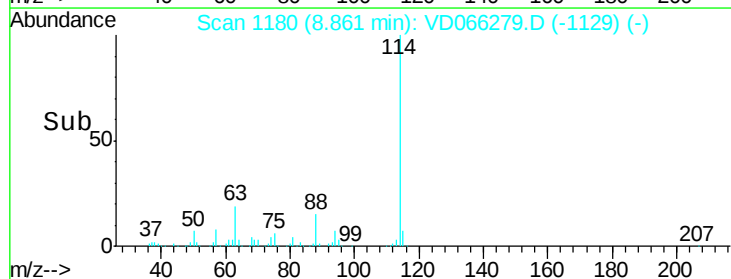
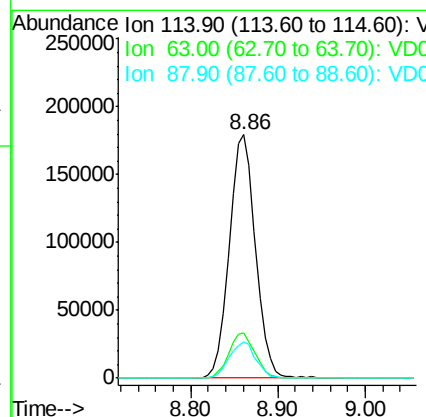
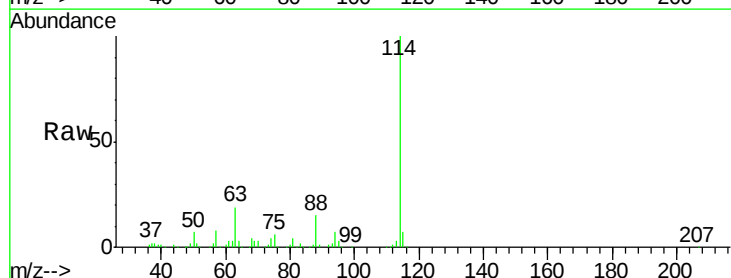
Tgt Ion: 114 Resp: 366252

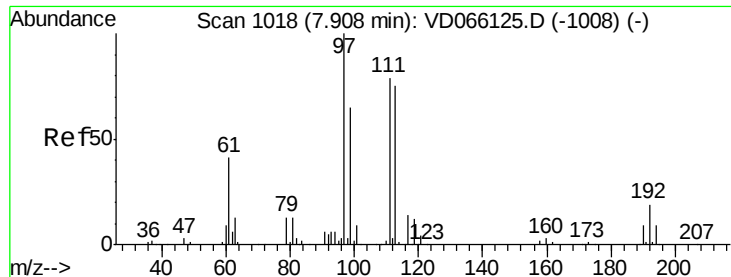
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

88 14.9 0.0 30.0

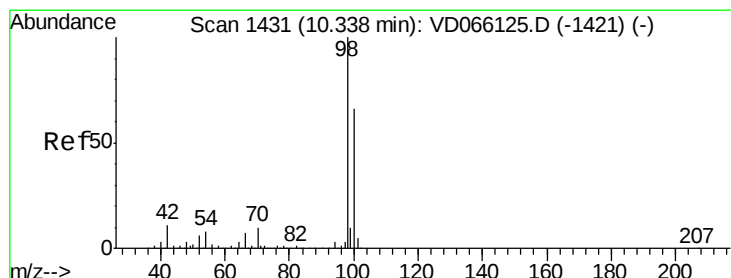
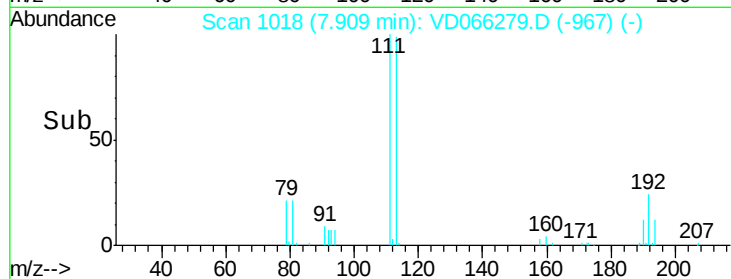
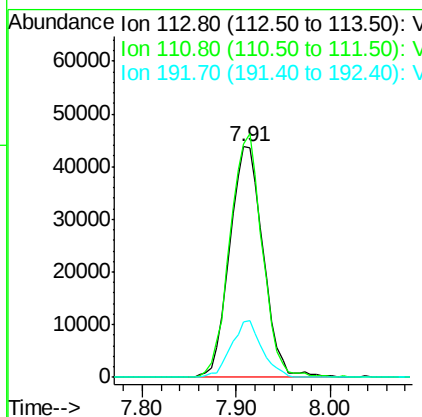
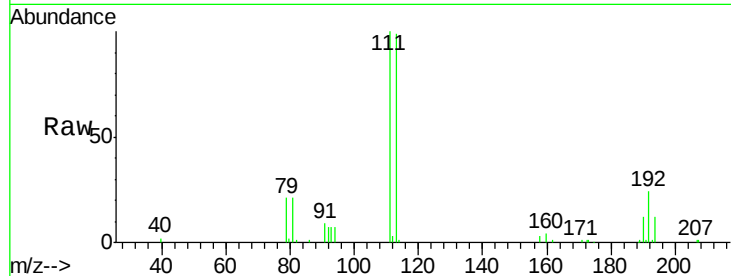




#35
 Dibromofluoromethane
 Concen: 46.596 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066279.D
 Acq: 18 Aug 2020 15:48

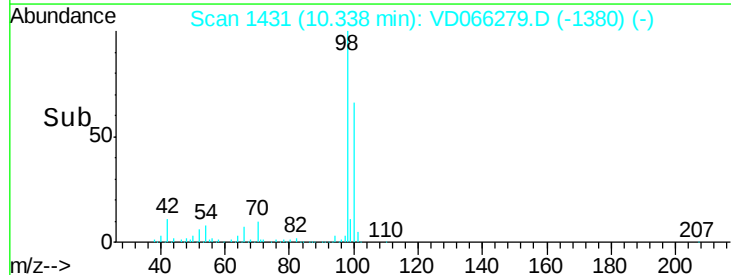
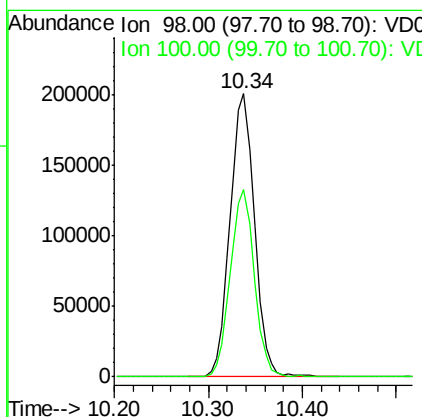
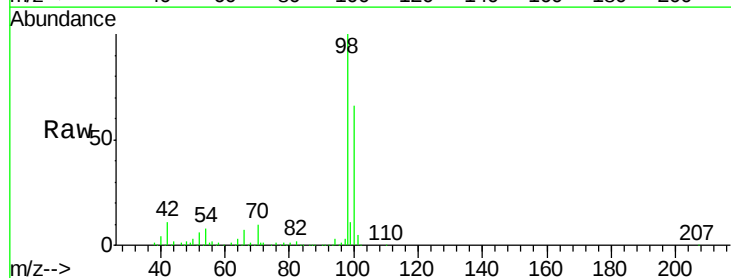
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-08-081420

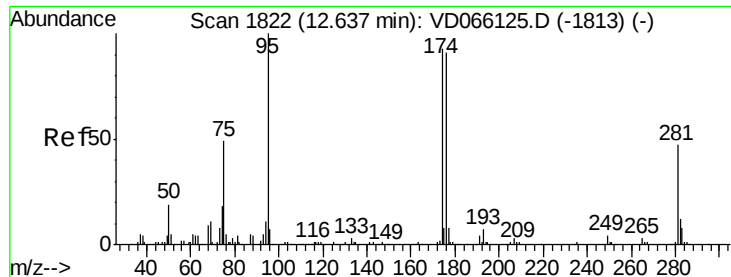
Tot Ion:	113	Resp:	108110
Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.7	121.1
192	22.5	18.4	27.6



#50
 Toluene-d8
 Concen: 42.456 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066279.D
 Acq: 18 Aug 2020 15:48

Tgt Ion:	98	Resp:	363505
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 38.646 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066279.D

Acq: 18 Aug 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

TR-08-081420

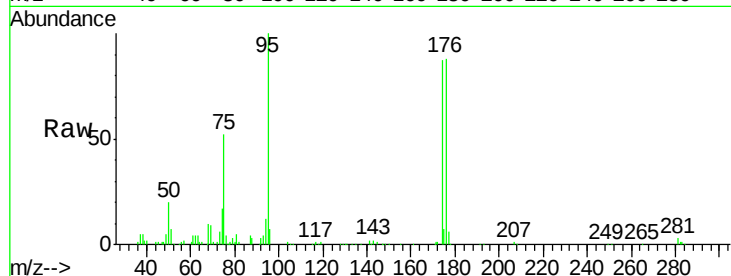
Tot Ion: 95 Resp: 119272

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.8

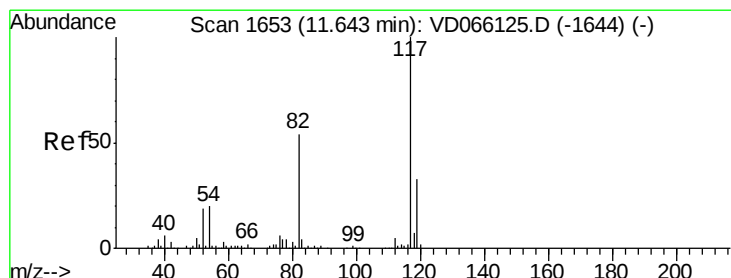
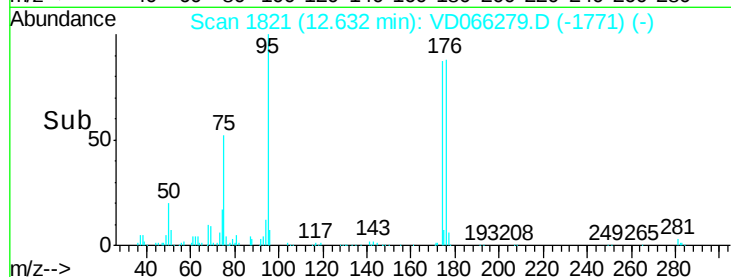
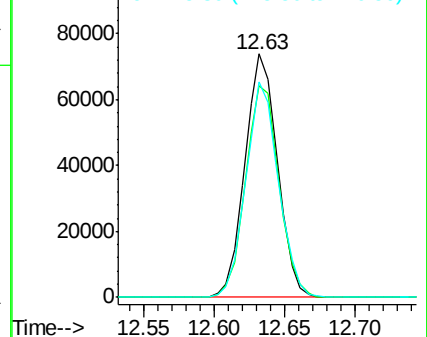
176 88.6 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066279.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066279.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066279.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066279.D

Acq: 18 Aug 2020 15:48

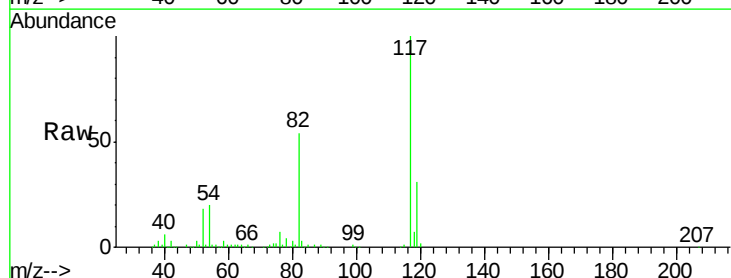
Tgt Ion: 117 Resp: 319179

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

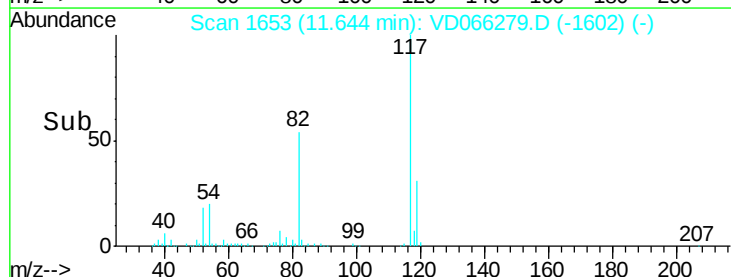
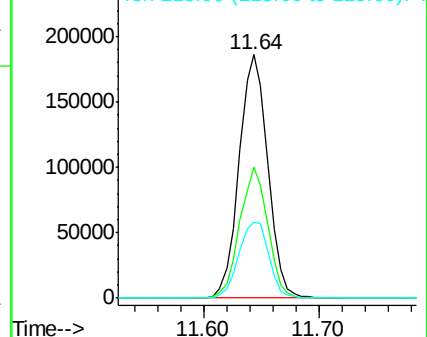
119 31.4 26.1 39.1

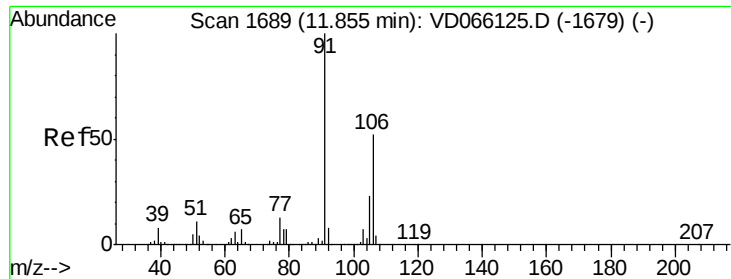


Abundance Ion 116.90 (116.60 to 117.60): VD066279.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066279.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066279.D (-1602) (-)

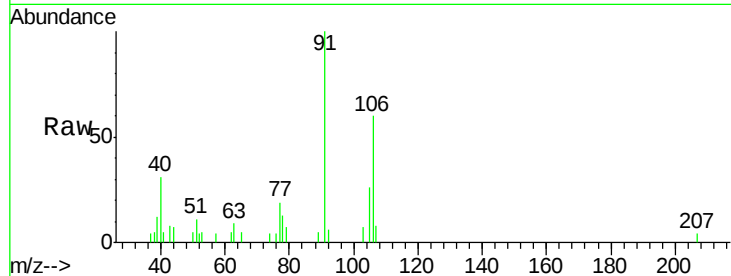




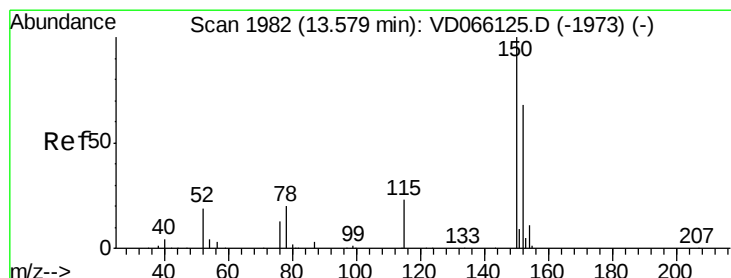
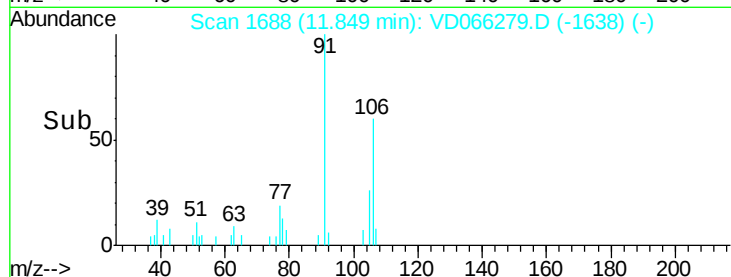
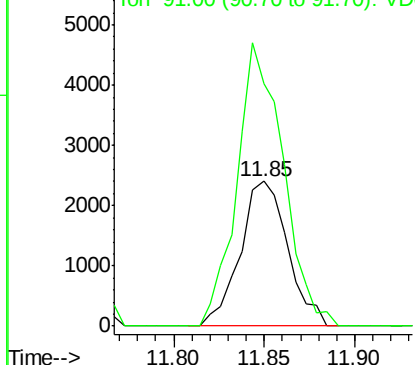
#68
m/p-Xvlenes
Concen: 1.009 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066279.D
Acq: 18 Aug 2020 15:48

Instrument :
MSVOA_D
ClientSampleId :
TR-08-081420

Tot Ion:106 Resp: 4389
Ion Ratio Lower Upper
106 100
91 189.8 156.6 235.0

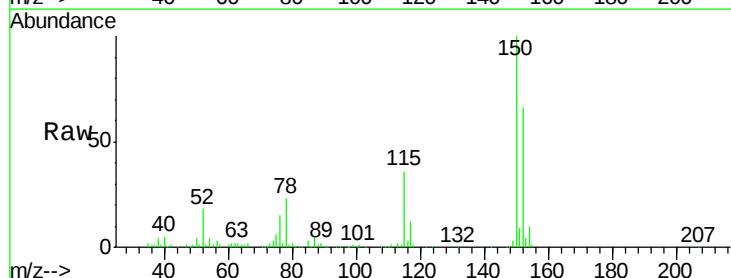


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066279.D
Acq: 18 Aug 2020 15:48

Tgt Ion:152 Resp: 145203
Ion Ratio Lower Upper
152 100
115 54.7 28.0 83.9
150 158.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

