

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066972.D
 Acq On : 30 Sep 2020 14:30
 Operator : VA/SY
 Sample : L4172-09
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-7(9-11)

Quant Time: Oct 01 01:16:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

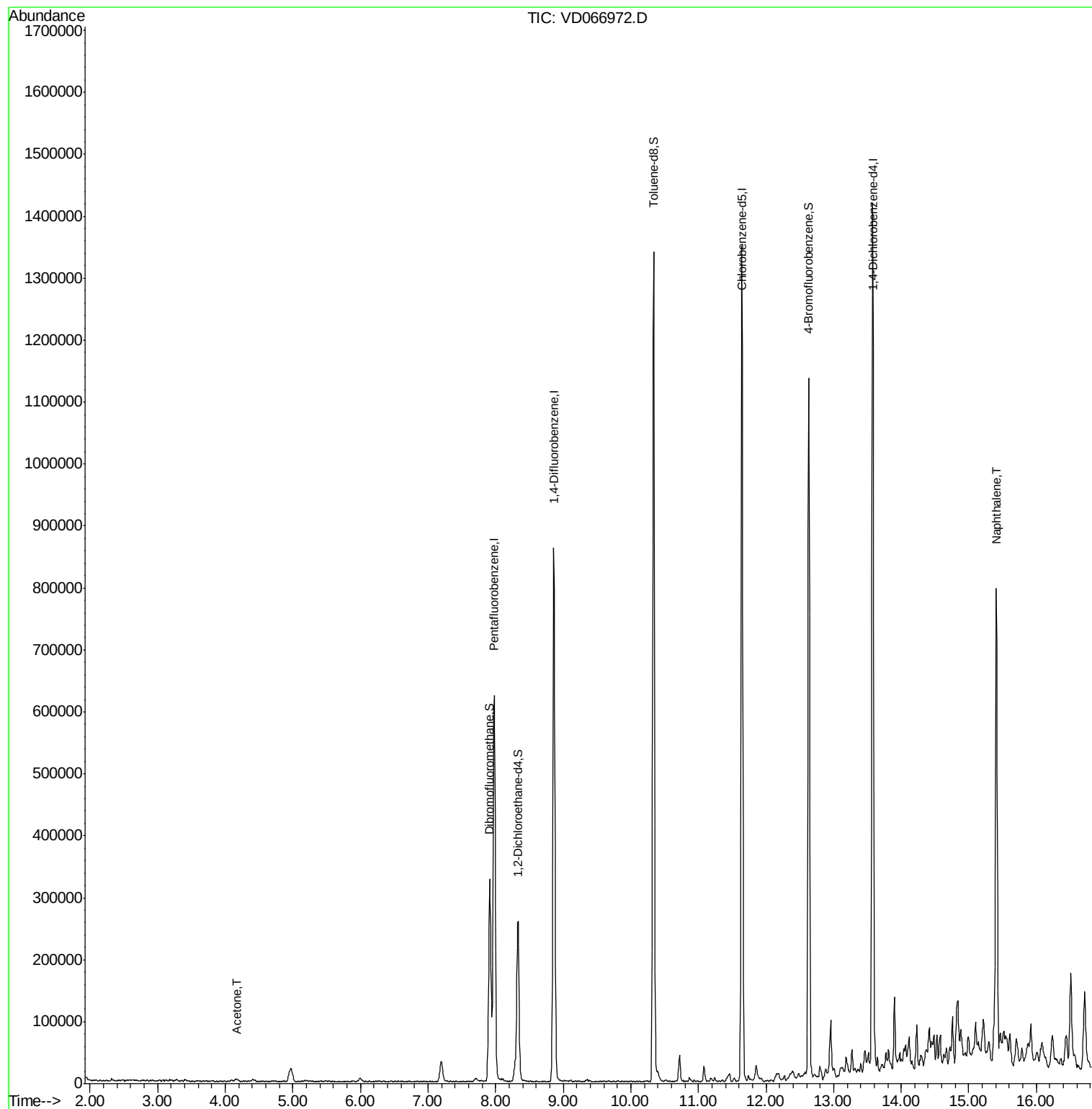
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	464621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	760080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	789852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	381817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	207589	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
35) Dibromofluoromethane	7.91	113	235290	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	10.34	98	913951	55.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.94%	
62) 4-Bromofluorobenzene	12.63	95	352261	62.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.90%	
Target Compounds						
16) Acetone	4.17	43	6250	6.479	ug/l #	75
95) Naphthalene	15.41	128	678696	58.240	ug/l	99

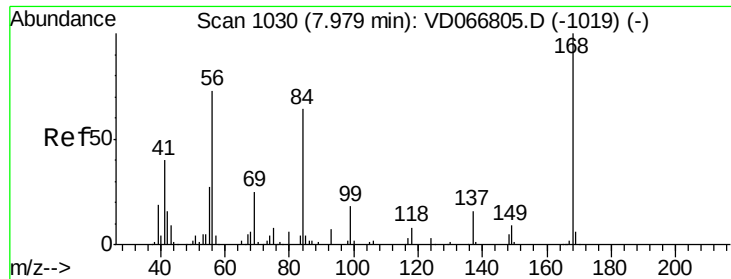
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

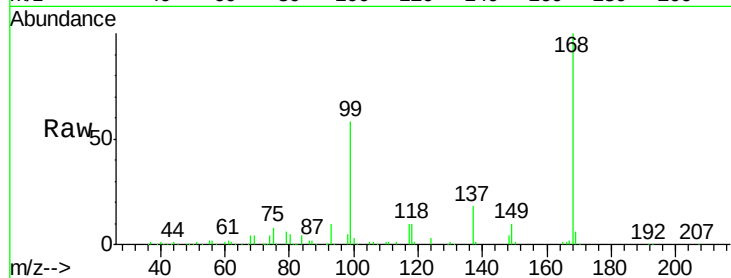
B-7(9-11)

Tot Ion:168 Resp: 464621

Ion Ratio Lower Upper

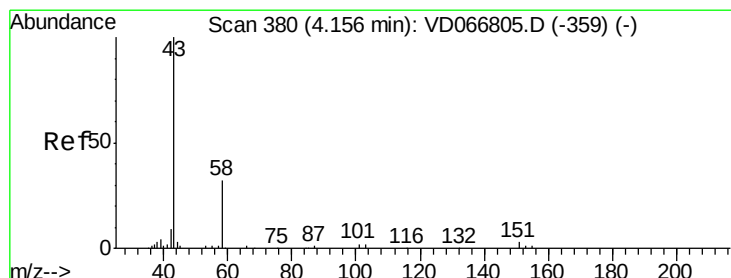
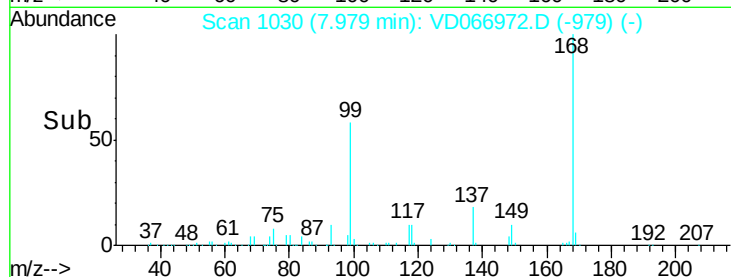
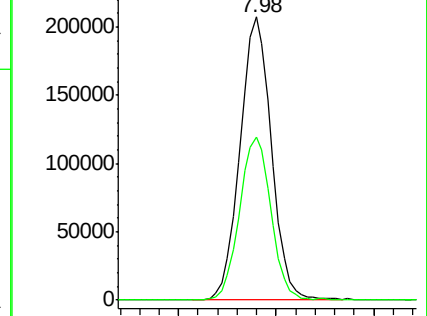
168 100

99 57.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 6.479 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066972.D

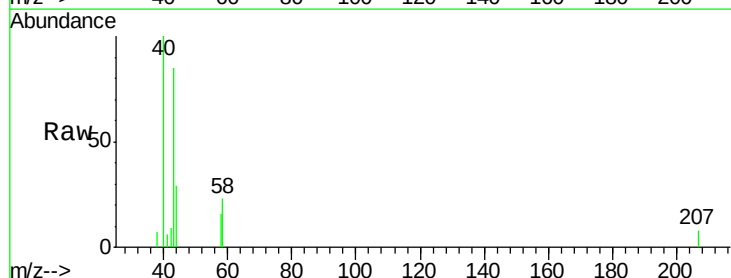
Acq: 30 Sep 2020 14:30

Tgt Ion: 43 Resp: 6250

Ion Ratio Lower Upper

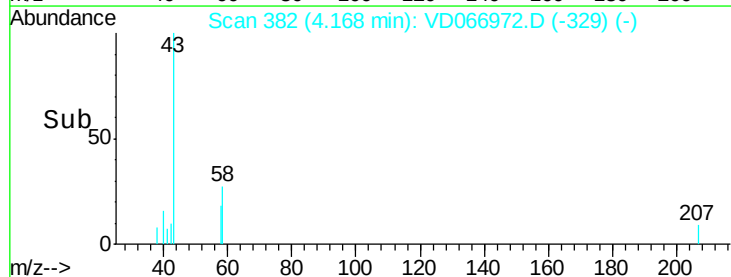
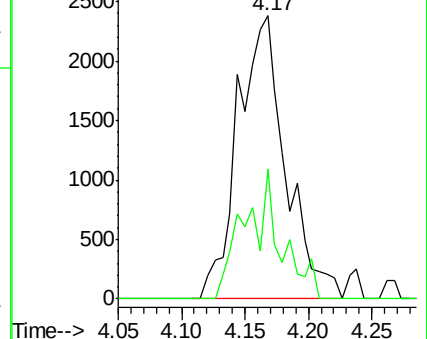
43 100

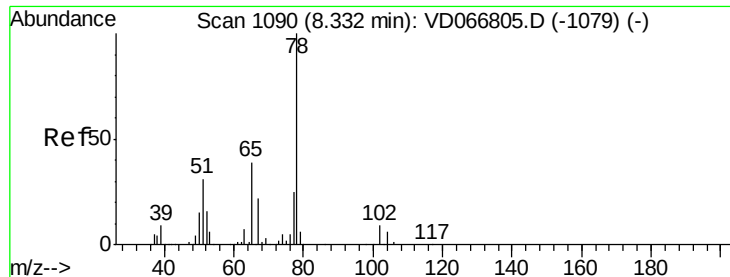
58 45.8 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

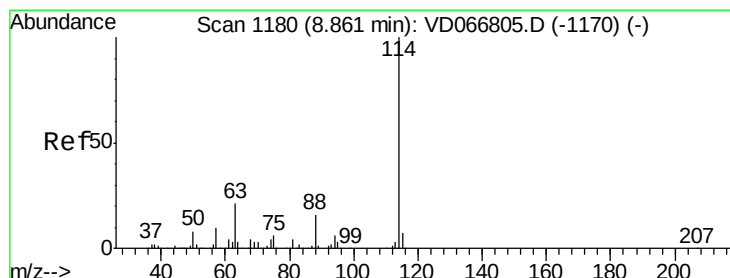
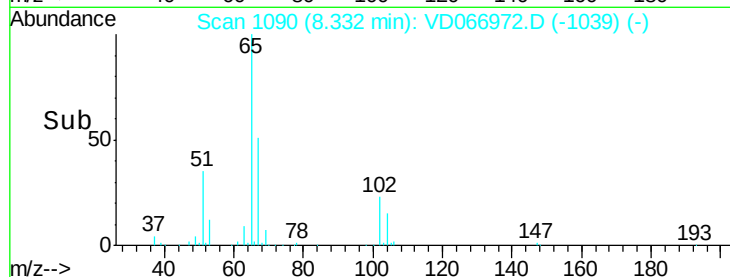
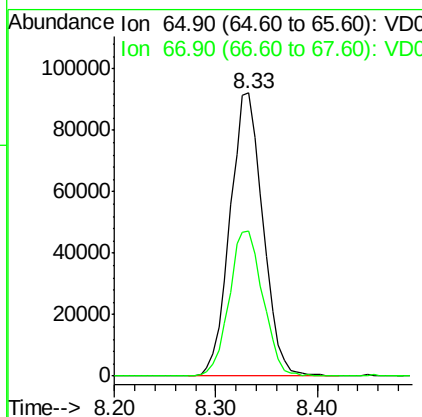
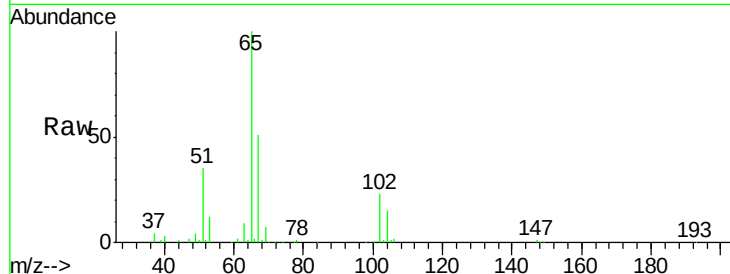




#33
 1,2-Dichloroethane-d4
 Concen: 45.649 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066972.D
 Acq: 30 Sep 2020 14:30

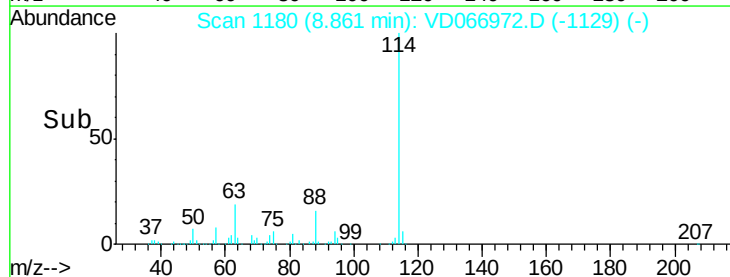
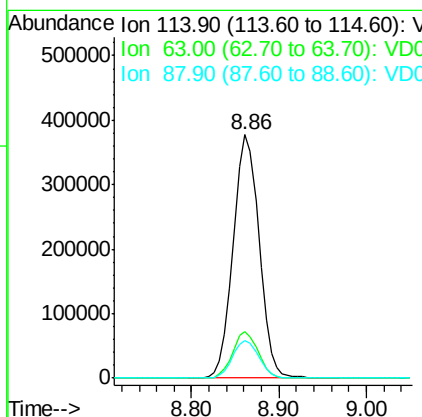
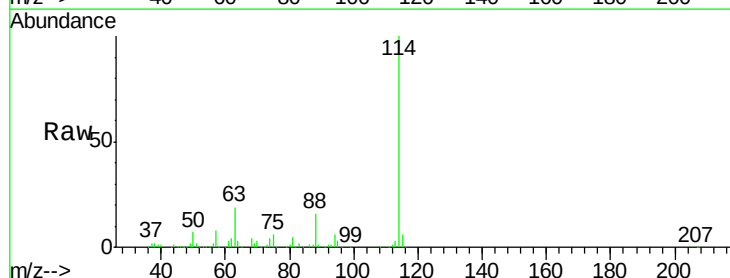
Instrument :
 MSVOA_D
 ClientSampleId :
 B-7(9-11)

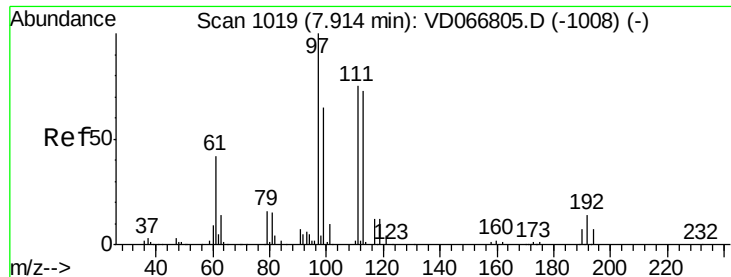
Tot Ion: 65 Resp: 207589
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066972.D
 Acq: 30 Sep 2020 14:30

Tgt Ion: 114 Resp: 760080
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.6
 88 15.6 0.0 32.6

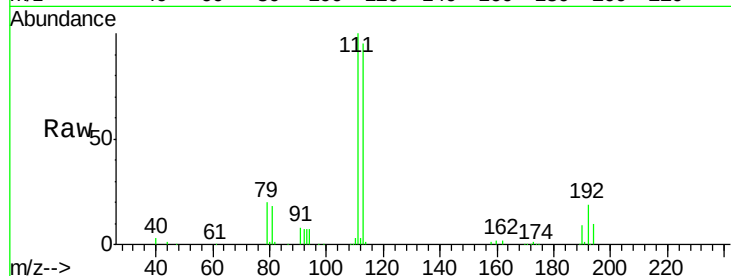




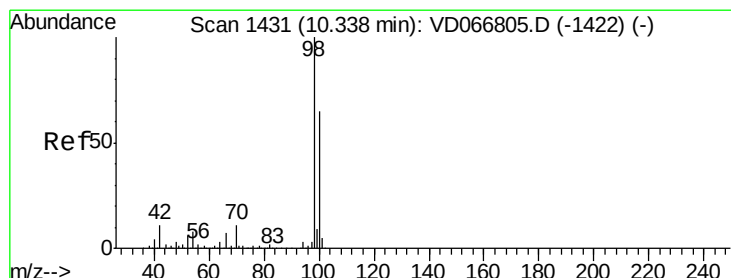
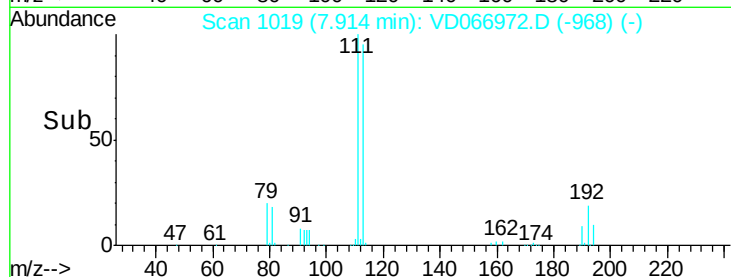
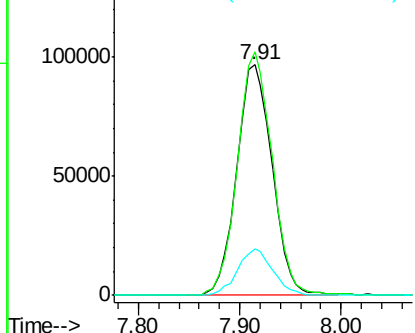
#35
 Dibromofluoromethane
 Concen: 48.658 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066972.D
 Acq: 30 Sep 2020 14:30

Instrument :
 MSVOA_D
 ClientSampled :
 B-7(9-11)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	20.1	14.4	21.6

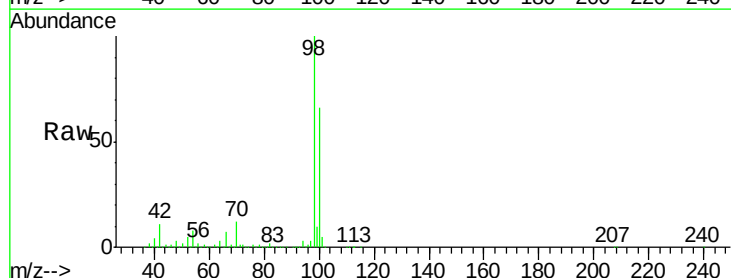


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

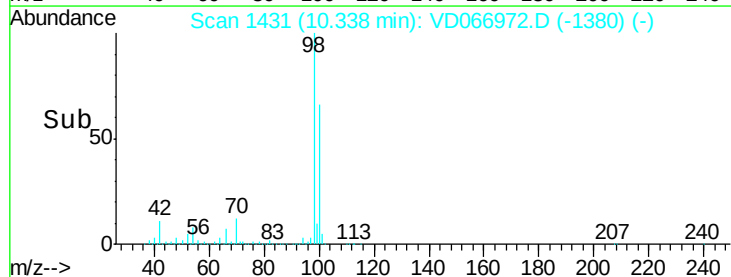
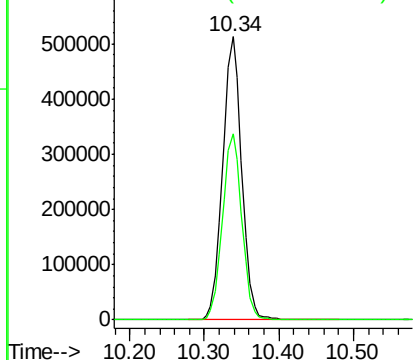


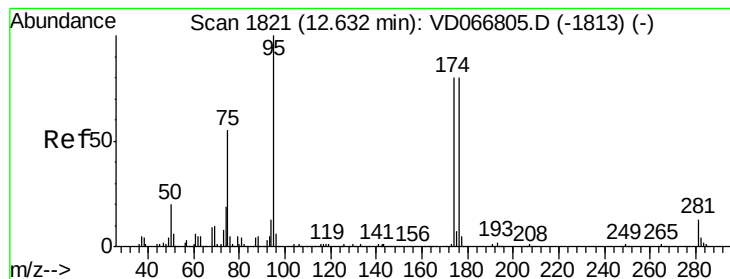
#50
 Toluene-d8
 Concen: 55.472 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066972.D
 Acq: 30 Sep 2020 14:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 62.455 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066972.D

Acq: 30 Sep 2020 14:30

Instrument :

MSVOA_D

ClientSampled :

B-7(9-11)

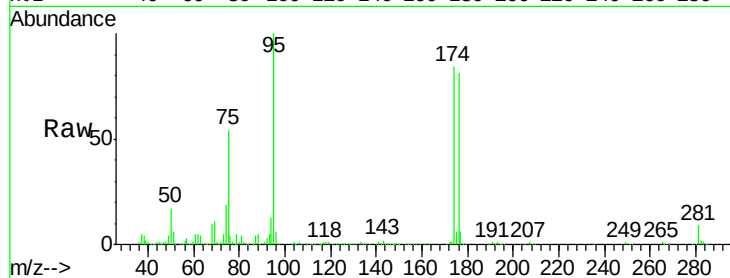
Tot Ion: 95 Resp: 352261

Ion Ratio Lower Upper

95 100

174 83.3 0.0 159.8

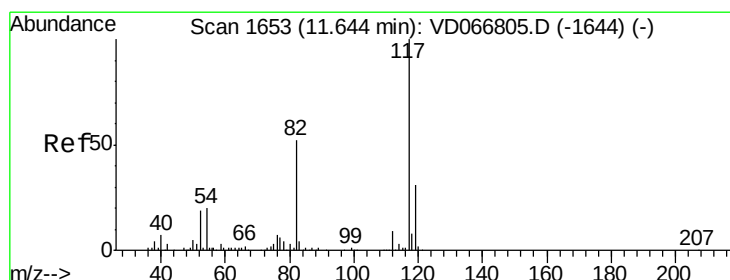
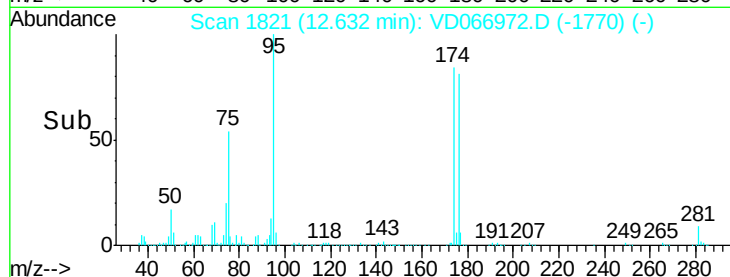
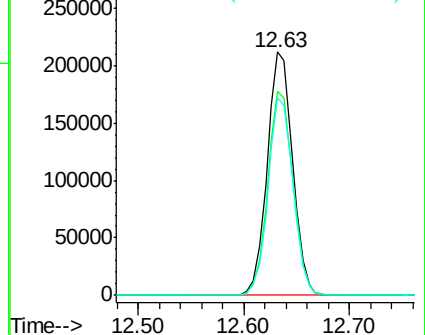
176 79.8 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066972.D

Acq: 30 Sep 2020 14:30

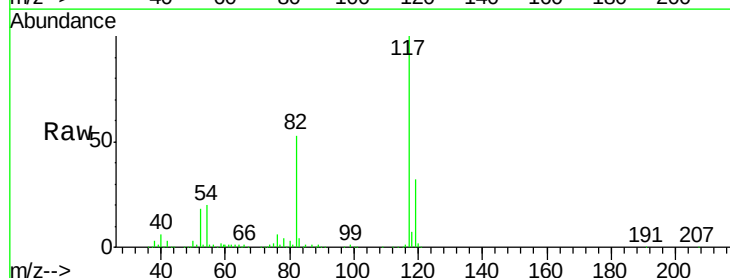
Tgt Ion: 117 Resp: 789852

Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.6

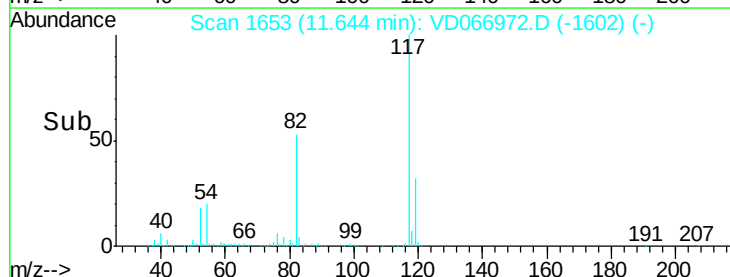
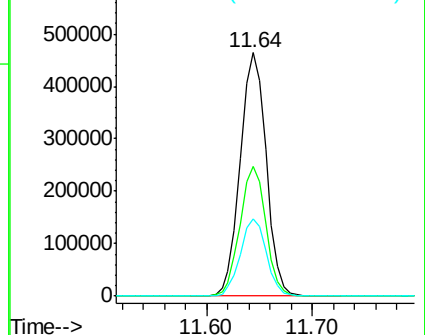
119 31.7 24.6 37.0

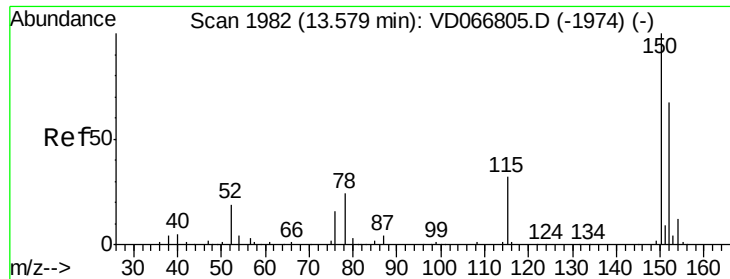


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VD066972.D

Acq: 30 Sep 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

B-7(9-11)

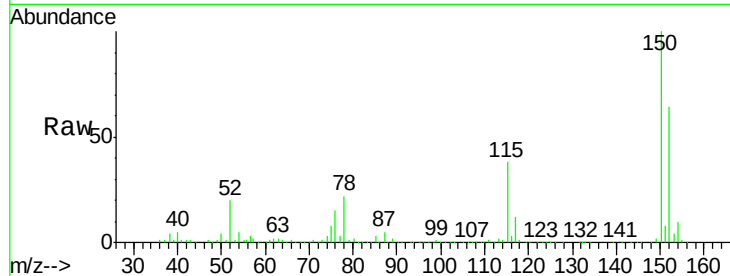
Tot Ion:152 Resp: 381817

Ion Ratio Lower Upper

152 100

115 58.1 30.3 91.0

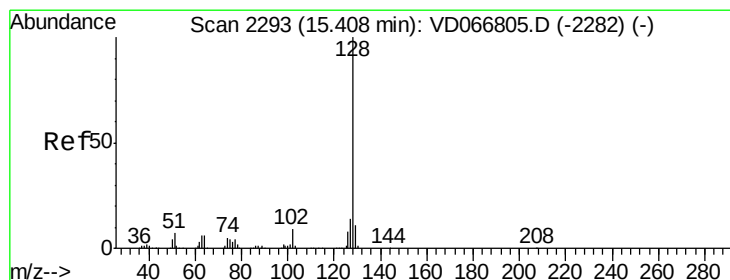
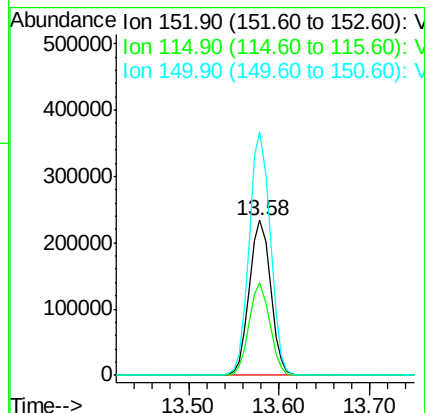
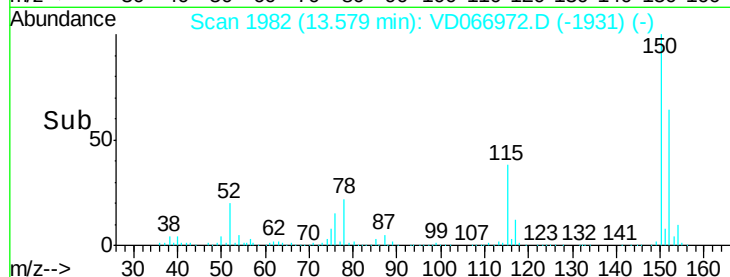
150 154.9 0.0 346.2



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



#95

Naphthalene

Concen: 58.240 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066972.D

Acq: 30 Sep 2020 14:30

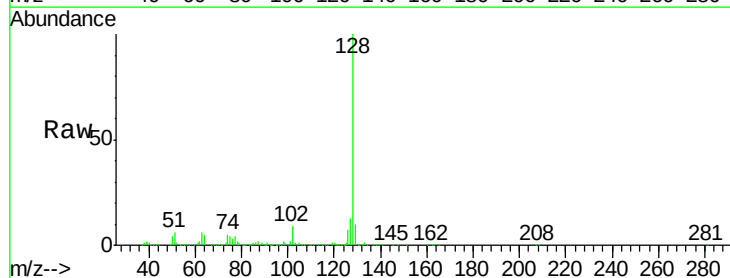
Tgt Ion:128 Resp: 678696

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.9 8.9 13.3



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

