

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067092.D
 Acq On : 05 Oct 2020 19:09
 Operator : VA/SY
 Sample : L4242-17
 Misc : 7.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B24-100120-DP

Quant Time: Oct 06 08:04:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

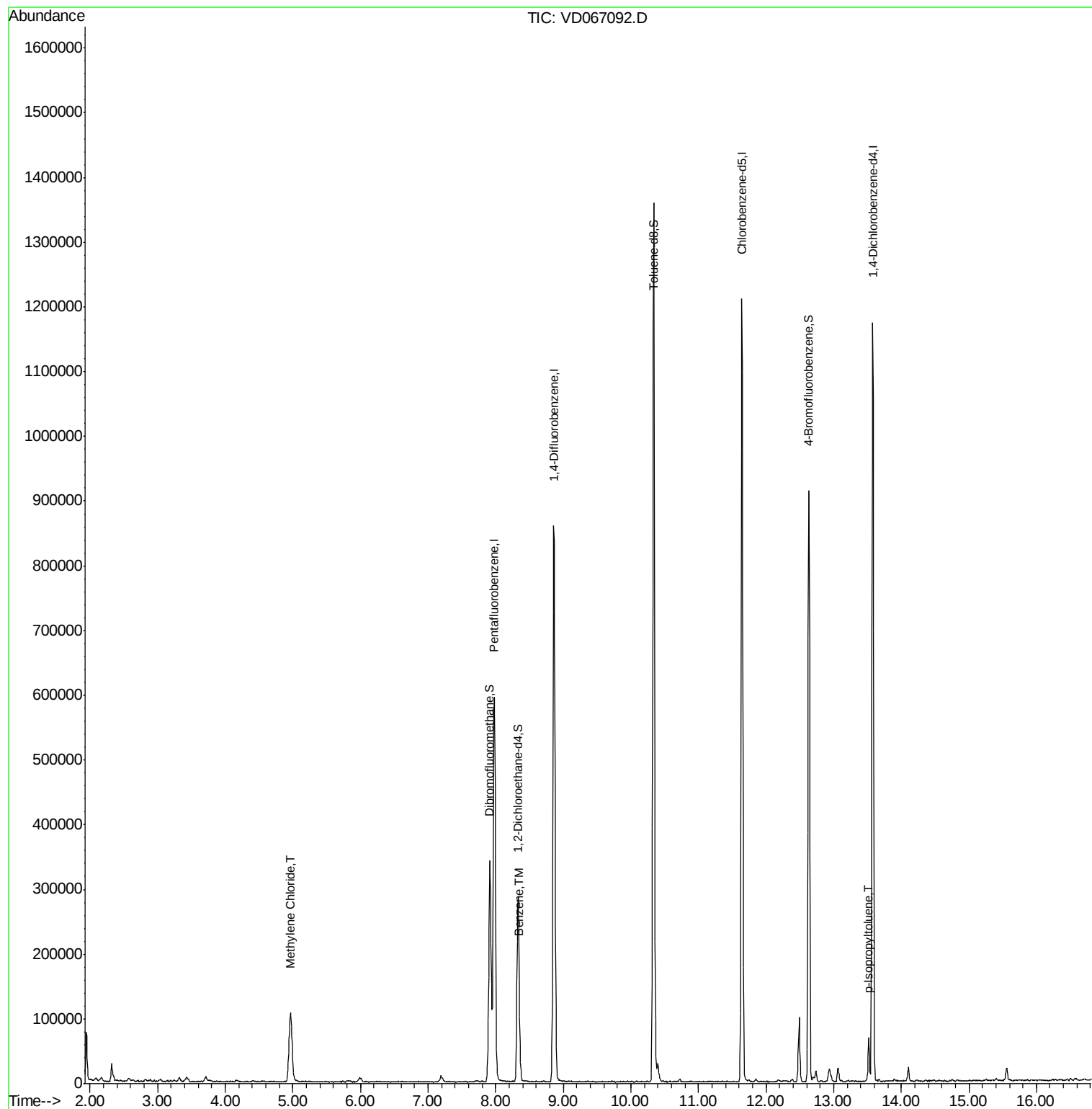
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	462079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	788828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	714104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	324902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	223349	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	7.91	113	249974	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
50) Toluene-d8	10.34	98	913724	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.64	95	309262	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
20) Methylene Chloride	4.97	84	87854	12.811	ug/l	95
40) Benzene	8.36	78	27399	1.342	ug/l	98
86) p-Isopropyltoluene	13.52	119	35797	1.747	ug/l	98

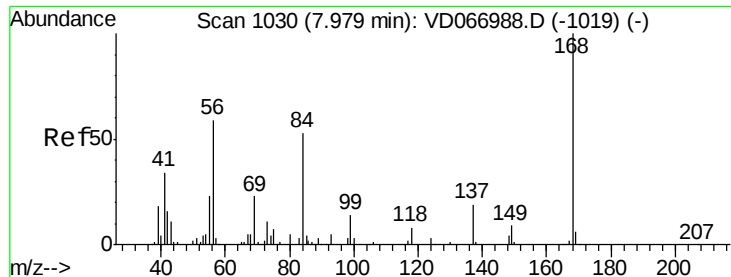
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100520\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067092.D

Acq: 05 Oct 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

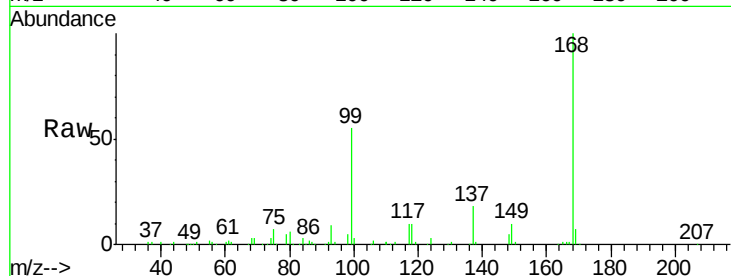
PAV-B24-100120-DP

Tot Ion:168 Resp: 462079

Ion Ratio Lower Upper

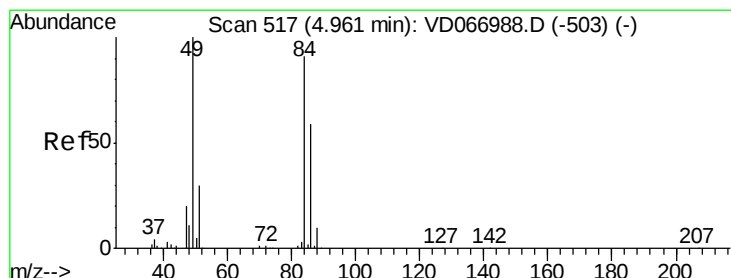
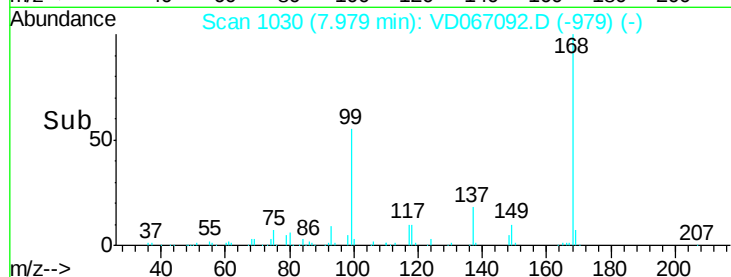
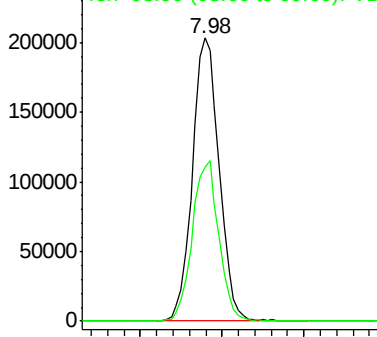
168 100

99 54.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 12.811 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067092.D

Acq: 05 Oct 2020 19:09

Tgt Ion: 84 Resp: 87854

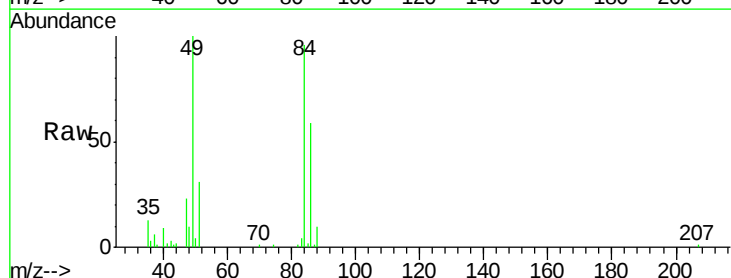
Ion Ratio Lower Upper

84 100

49 104.4 88.2 132.2

51 32.5 26.6 39.8

86 61.1 52.1 78.1

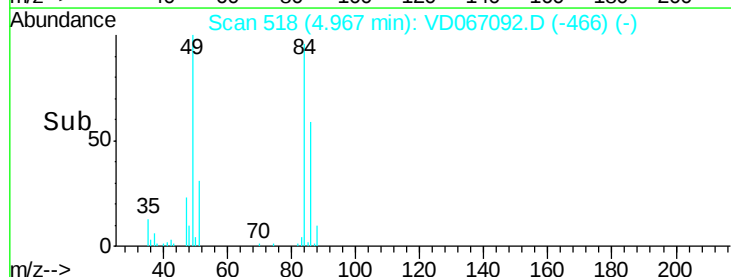
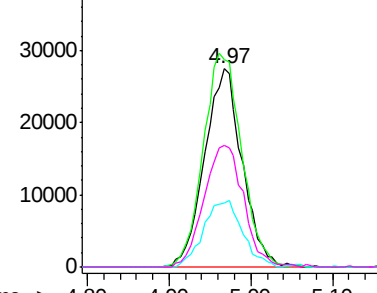


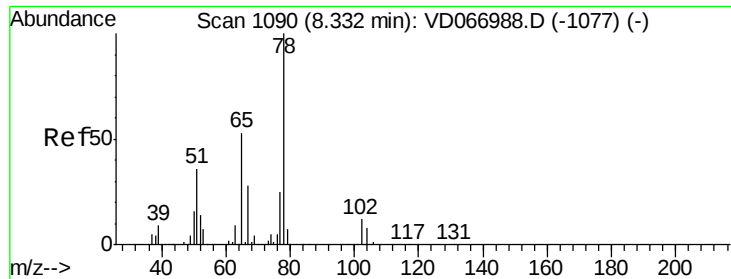
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 50.183 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067092.D

Acq: 05 Oct 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

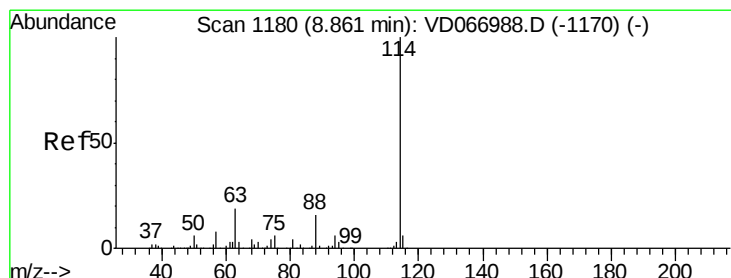
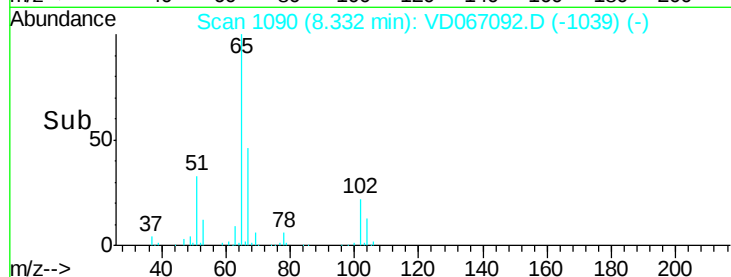
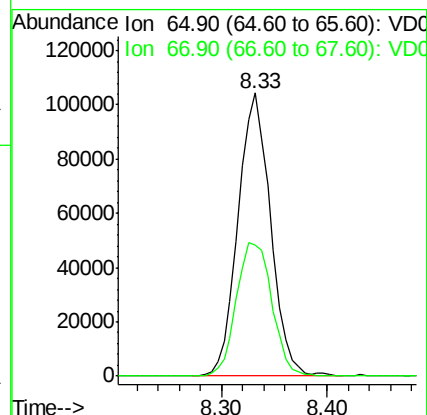
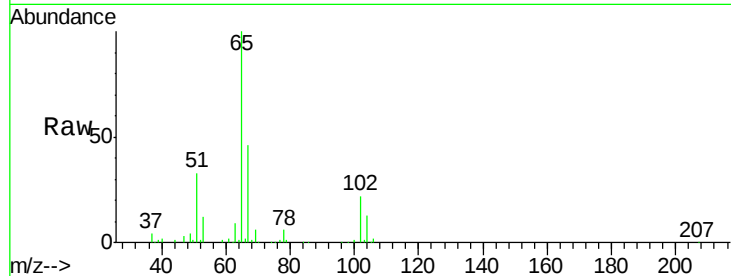
PAV-B24-100120-DP

Tot Ion: 65 Resp: 223349

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067092.D

Acq: 05 Oct 2020 19:09

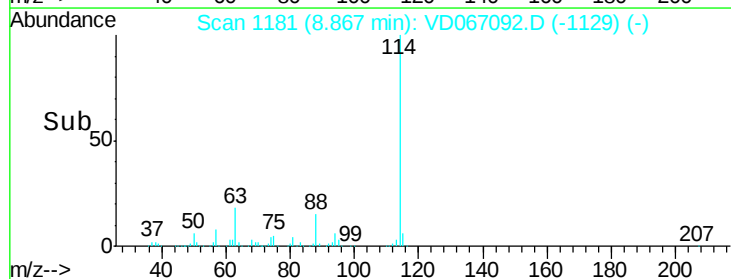
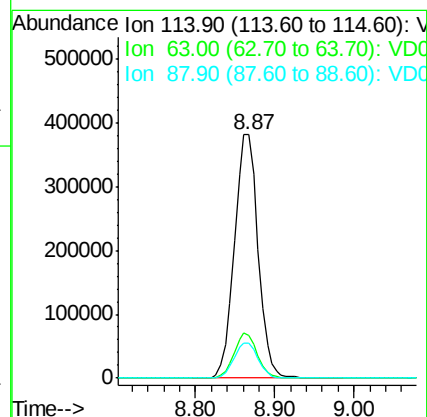
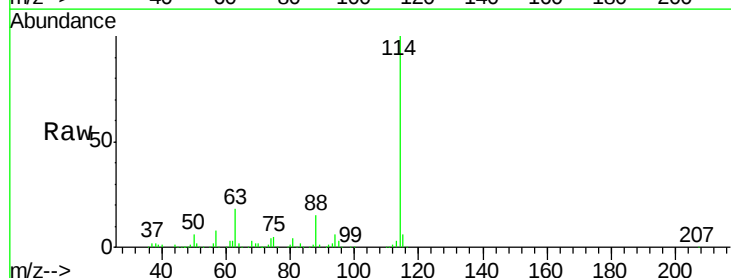
Tgt Ion: 114 Resp: 788828

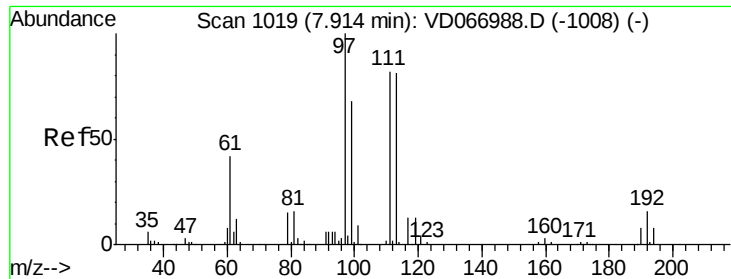
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 14.6 0.0 31.2

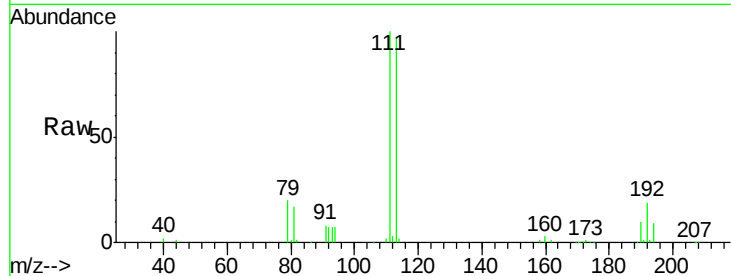




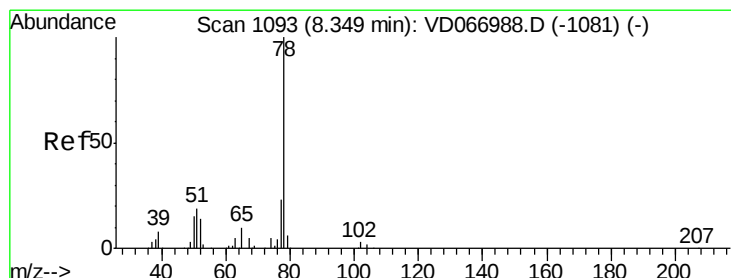
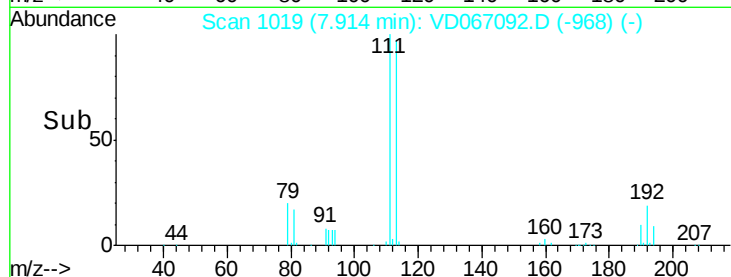
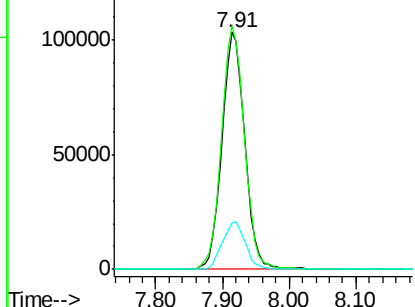
#35
Dibromofluoromethane
Concen: 48.404 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067092.D
Acq: 05 Oct 2020 19:09

Instrument :
MSVOA_D
ClientSampleId :
PAV-B24-100120-DP

Tot Ion:113 Resp: 249974
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 20.2 15.5 23.3

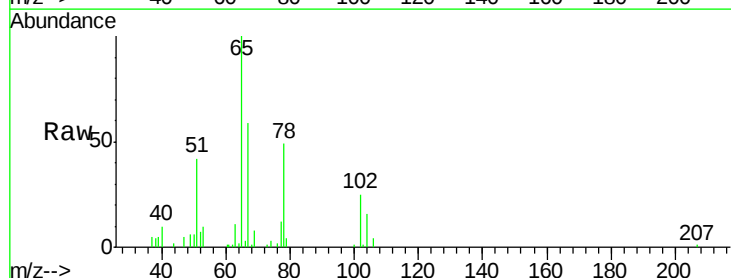


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

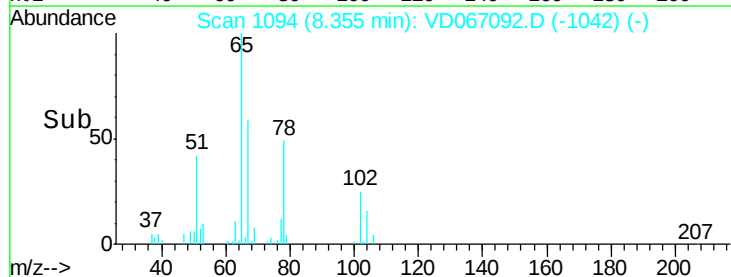
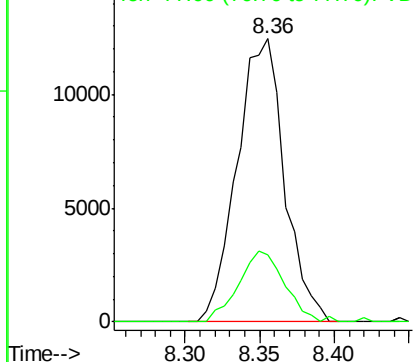


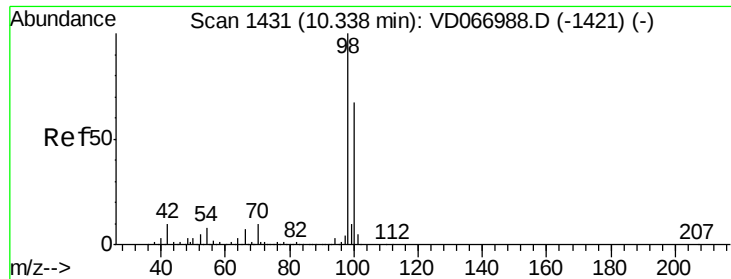
#40
Benzene
Concen: 1.342 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067092.D
Acq: 05 Oct 2020 19:09

Tgt Ion: 78 Resp: 27399
Ion Ratio Lower Upper
78 100
77 23.9 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#50

Toluene-d8

Concen: 48.556 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067092.D

Acq: 05 Oct 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

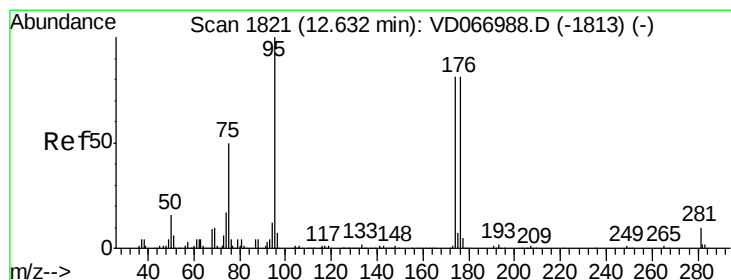
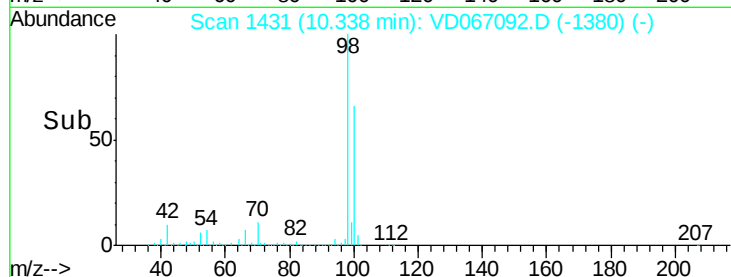
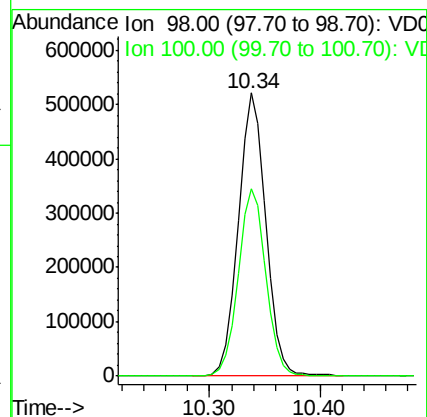
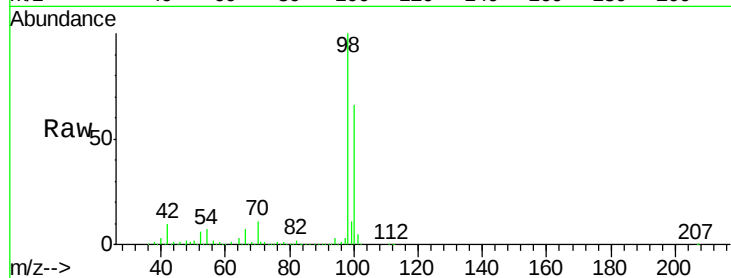
PAV-B24-100120-DP

Tot Ion: 98 Resp: 913724

Ion Ratio Lower Upper

98 100

100 66.6 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 48.411 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067092.D

Acq: 05 Oct 2020 19:09

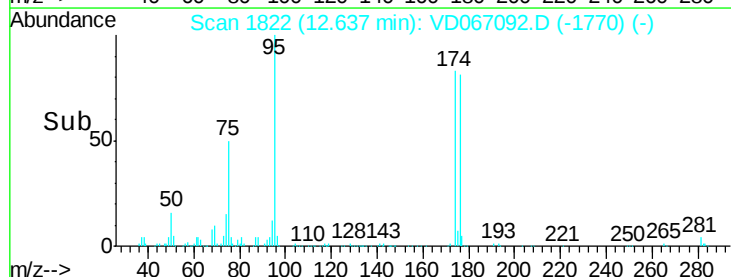
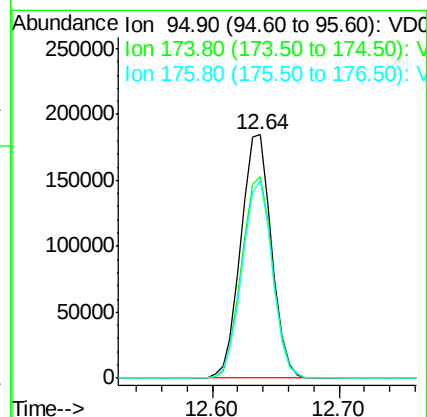
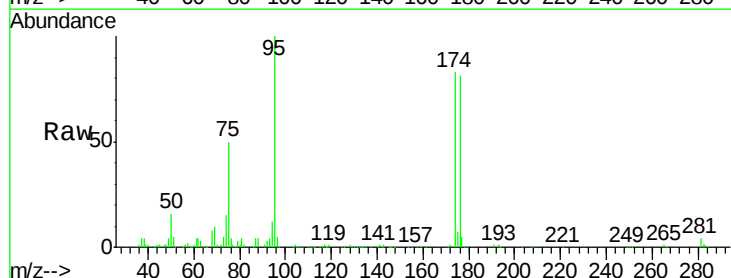
Tgt Ion: 95 Resp: 309262

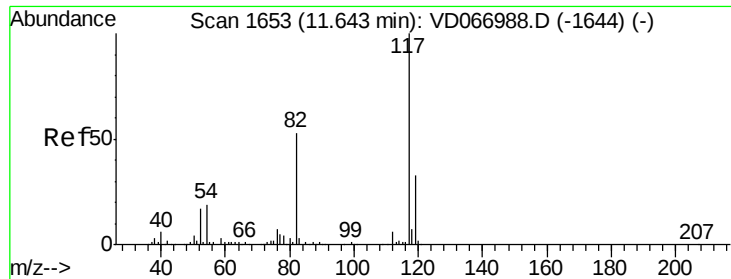
Ion Ratio Lower Upper

95 100

174 83.5 0.0 167.6

176 80.5 0.0 162.4

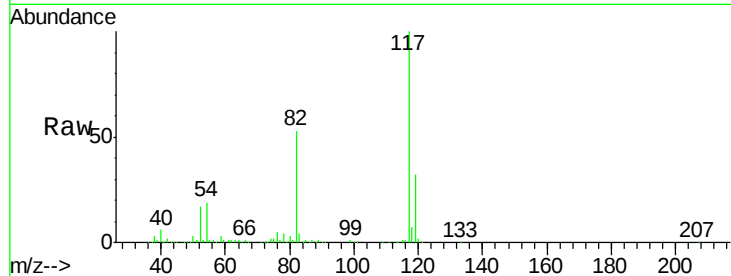




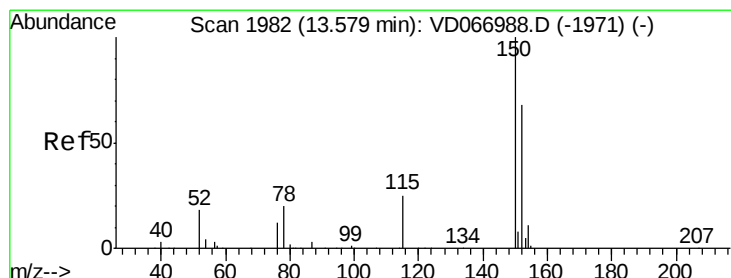
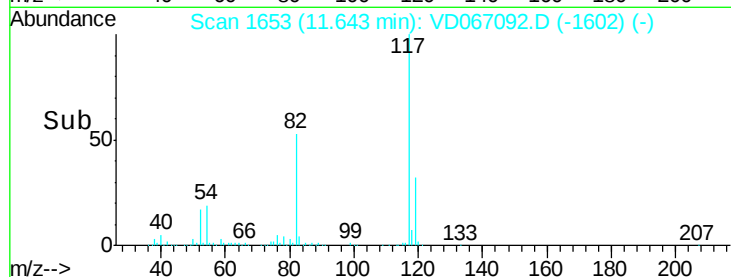
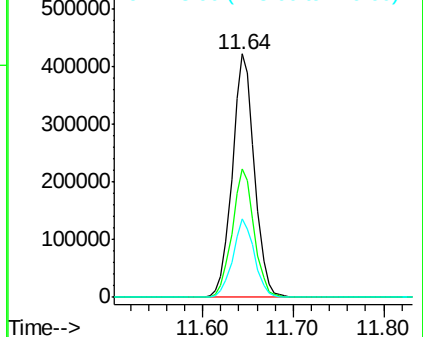
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067092.D
Acq: 05 Oct 2020 19:09

Instrument :
MSVOA_D
ClientSampleId :
PAV-B24-100120-DP

Tot Ion:117 Resp: 714104
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.3 26.3 39.5

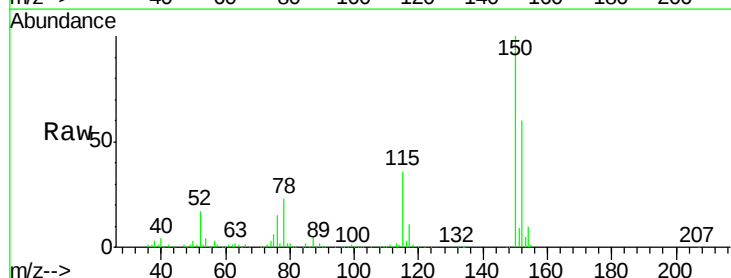


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

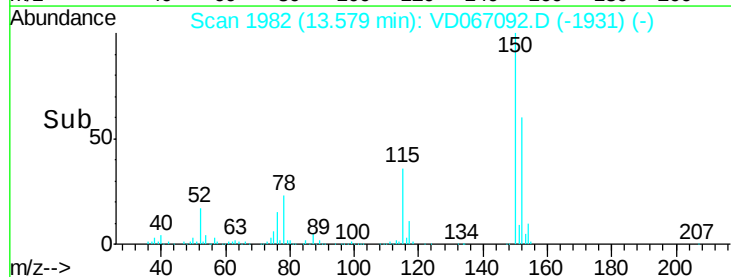
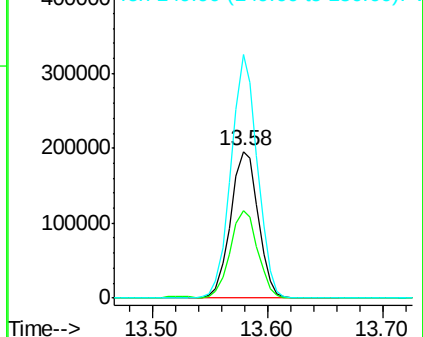


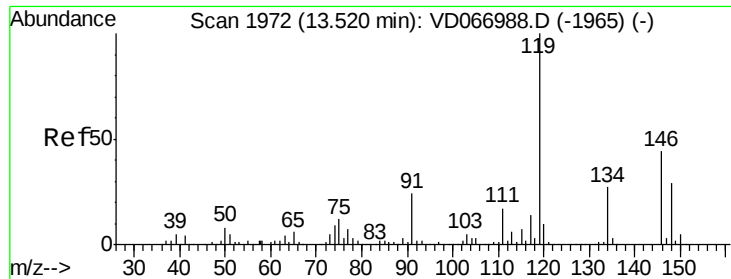
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067092.D
Acq: 05 Oct 2020 19:09

Tgt Ion:152 Resp: 324902
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.8
150 157.8 0.0 344.8



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





#86
 p-Isopropyltoluene
 Concen: 1.747 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067092.D
 Acq: 05 Oct 2020 19:09

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B24-100120-DP

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.1	39.1
91	24.1	11.7	35.1

