

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067170.D
 Acq On : 08 Oct 2020 00:40
 Operator : VA/SY
 Sample : L4292-07
 Misc : 7.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B13-100620-DP

Quant Time: Oct 08 08:47:19 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

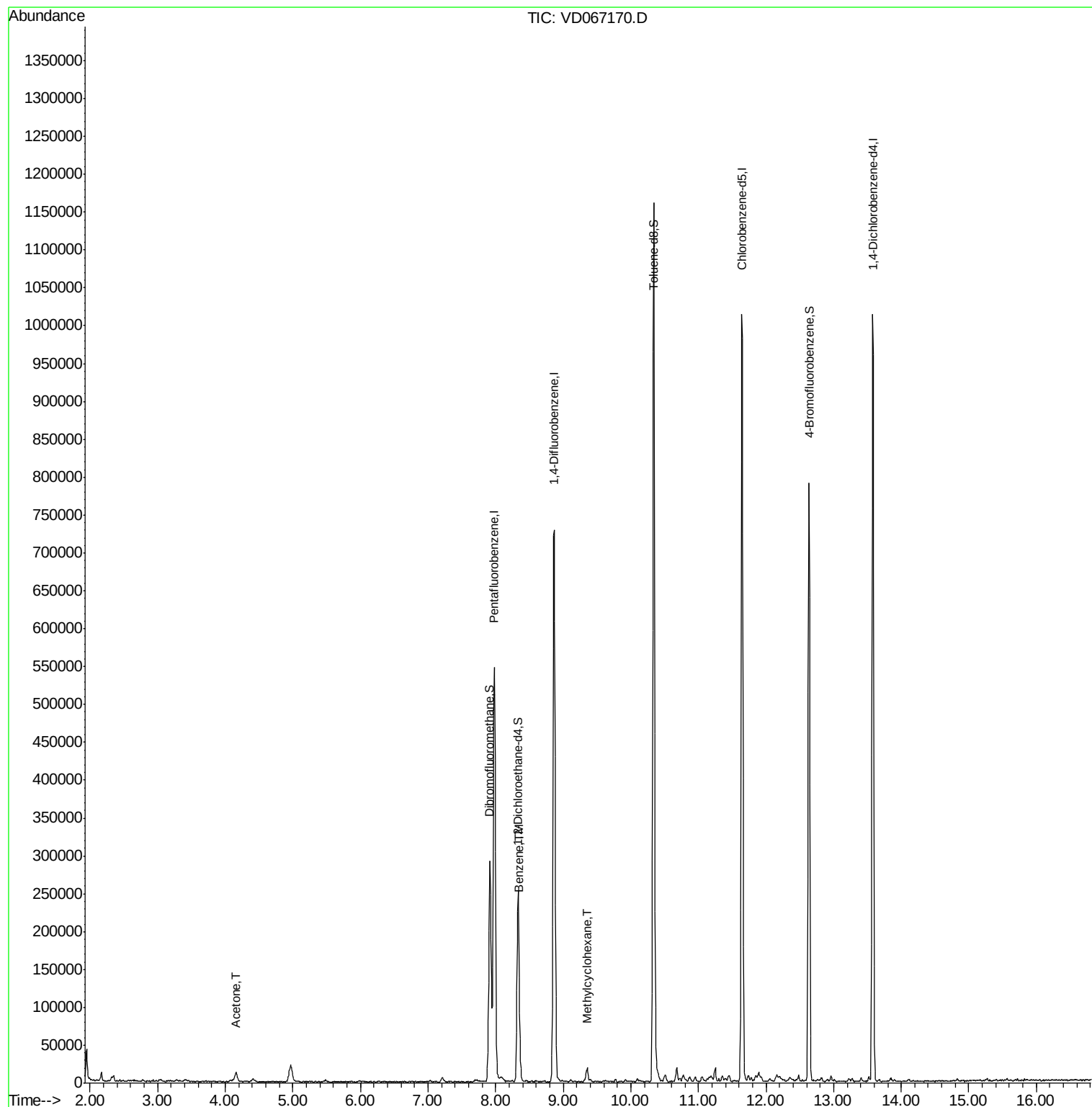
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	410140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	664550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	630308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	198537	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	7.92	113	214076	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	10.34	98	786050	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.64	95	259903	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
16) Acetone	4.16	43	20429	33.877	ug/l	93
39) Methylcyclohexane	9.36	83	7169	1.095	ug/l	93
40) Benzene	8.35	78	23152	1.346	ug/l	99

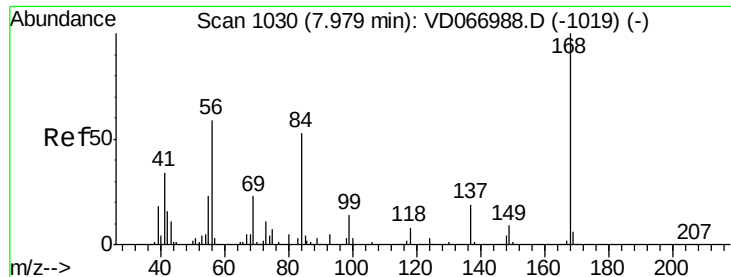
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100720\
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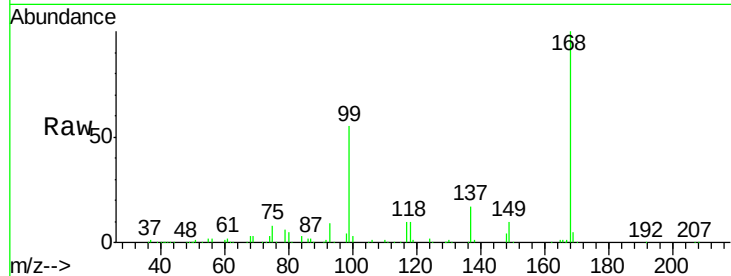


#1

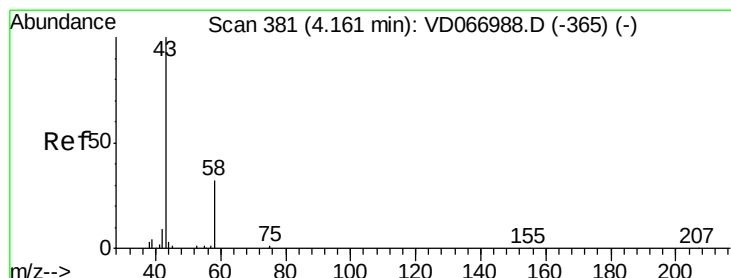
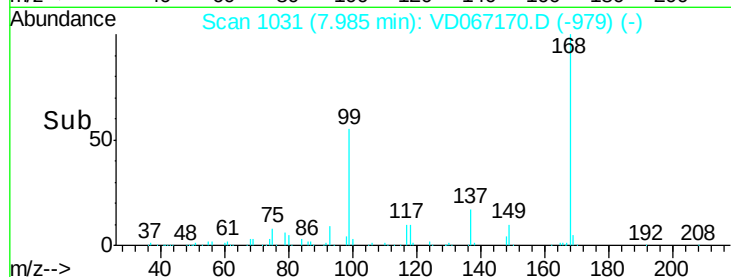
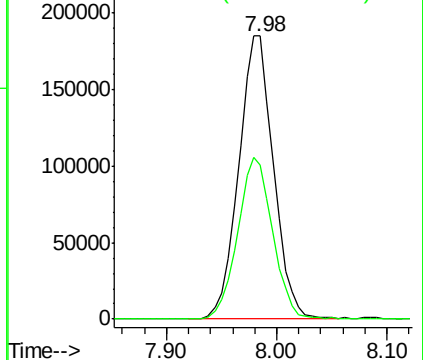
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VD067170.D
 Acq: 08 Oct 2020 00:40

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B13-100620-DP

Tot Ion:168 Resp: 410140
 Ion Ratio Lower Upper
 168 100
 99 54.5 44.1 66.1



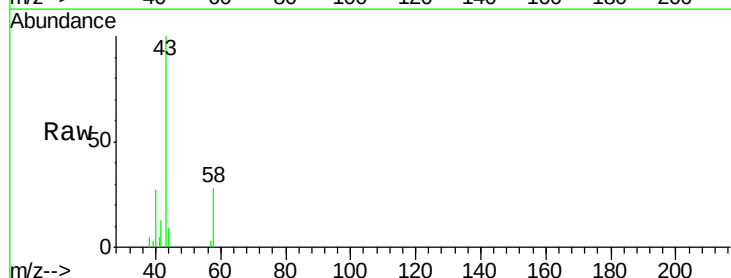
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VDC



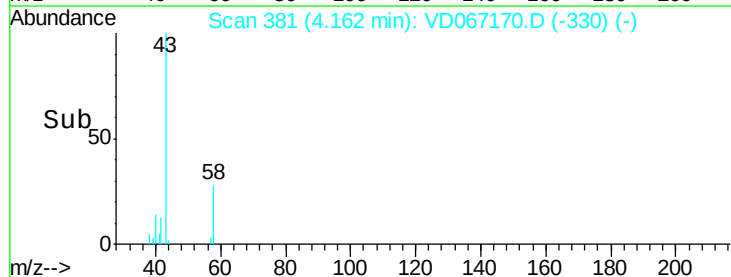
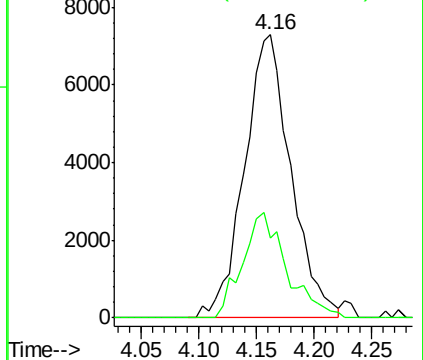
#16

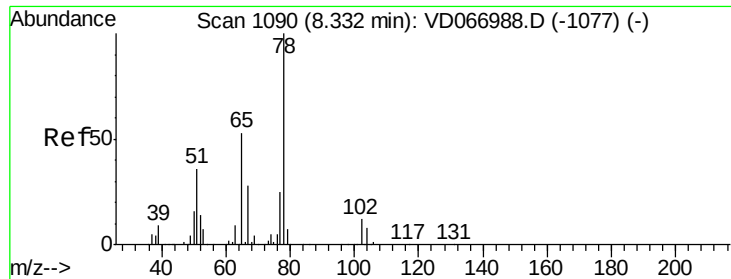
Acetone
 Concen: 33.877 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VD067170.D
 Acq: 08 Oct 2020 00:40

Tgt Ion: 43 Resp: 20429
 Ion Ratio Lower Upper
 43 100
 58 28.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

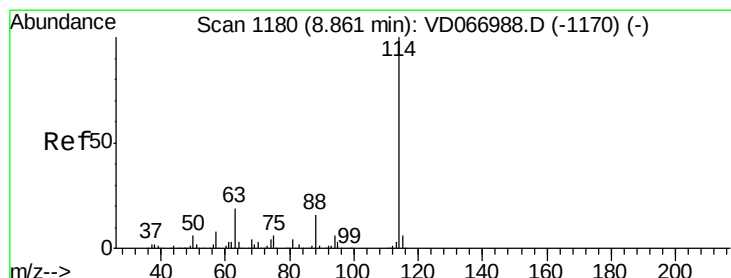
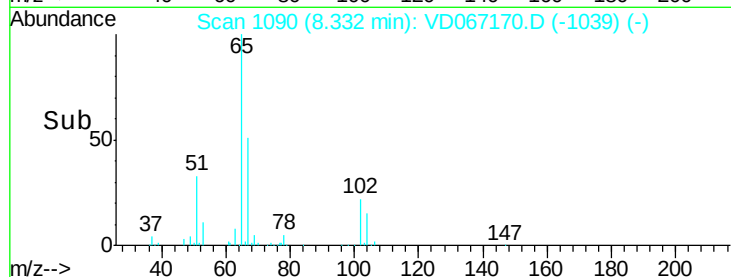
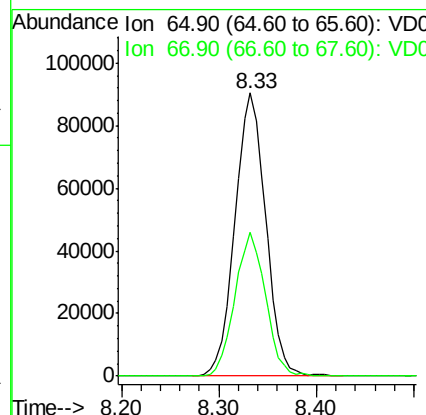
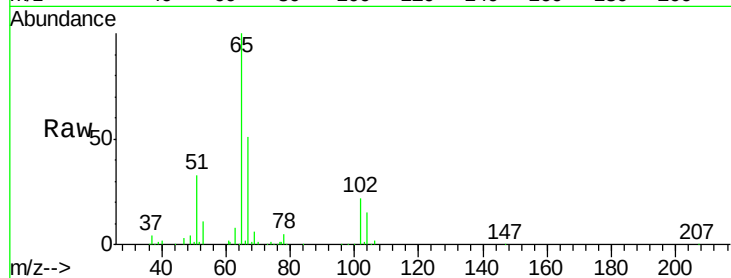




#33
 1,2-Dichloroethane-d4
 Concen: 50.257 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067170.D
 Acq: 08 Oct 2020 00:40

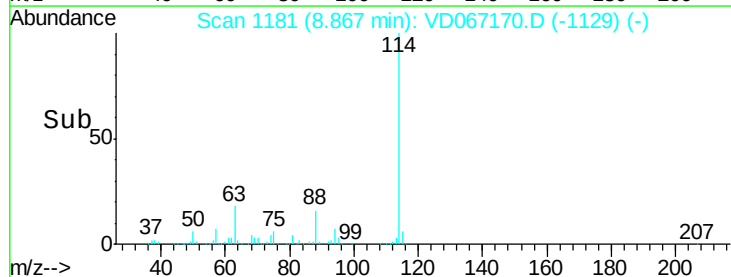
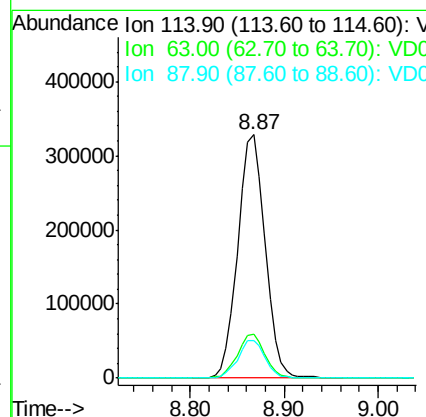
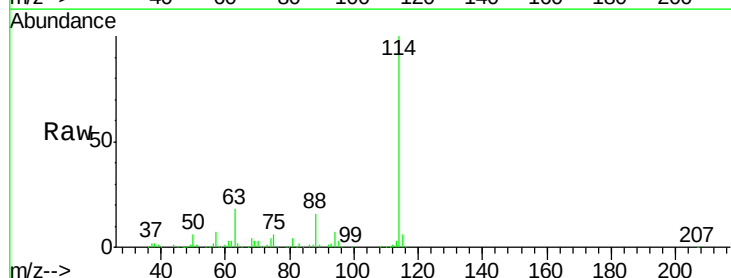
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B13-100620-DP

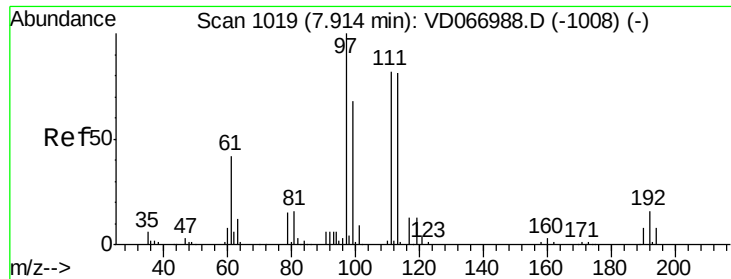
Tot Ion: 65 Resp: 198537
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067170.D
 Acq: 08 Oct 2020 00:40

Tgt Ion: 114 Resp: 664550
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 15.6 0.0 31.2

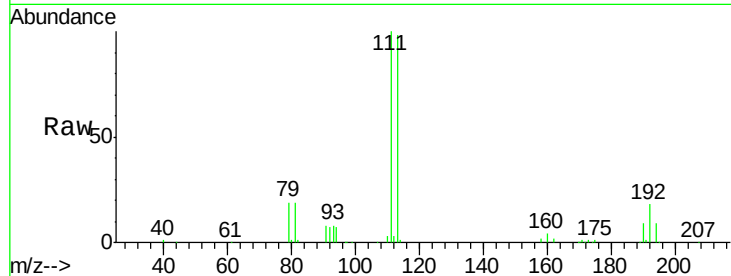




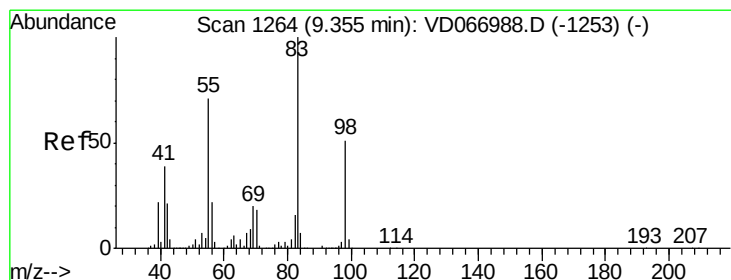
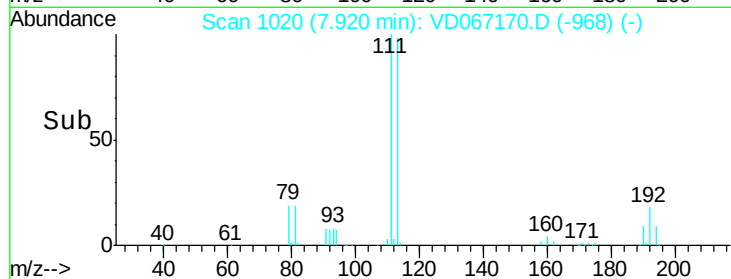
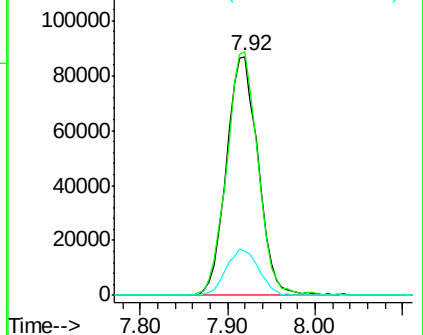
#35
Dibromofluoromethane
Concen: 49.205 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067170.D
Acq: 08 Oct 2020 00:40

Instrument :
MSVOA_D
ClientSampleId :
PAV-B13-100620-DP

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.0	124.4
192	20.0	15.5	23.3

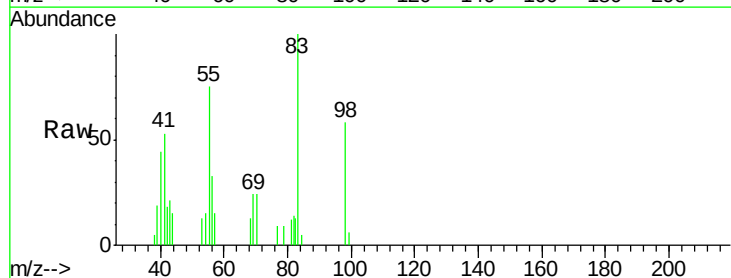


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

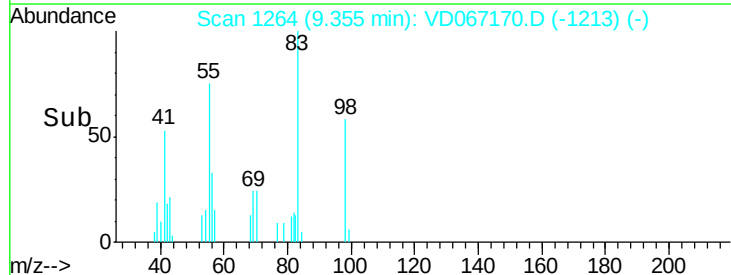
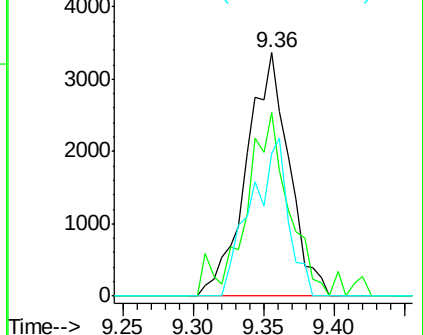


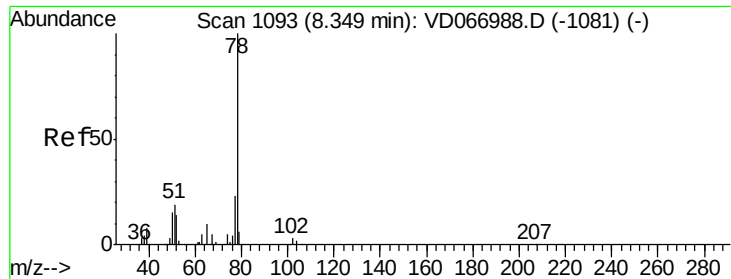
#39
Methylcyclohexane
Concen: 1.095 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067170.D
Acq: 08 Oct 2020 00:40

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.4	57.1	85.7
98	58.4	40.9	61.3



Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC





#40

Benzene

Concen: 1.346 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VD067170.D

Acq: 08 Oct 2020 00:40

Instrument :

MSVOA_D

ClientSampleId :

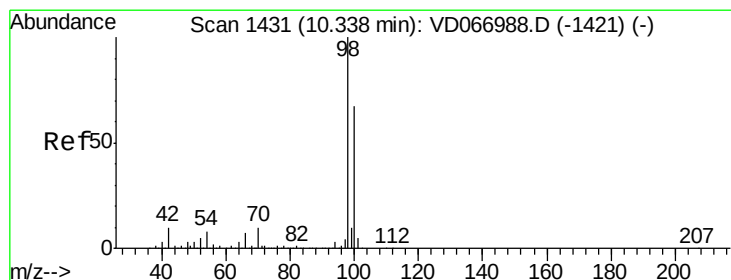
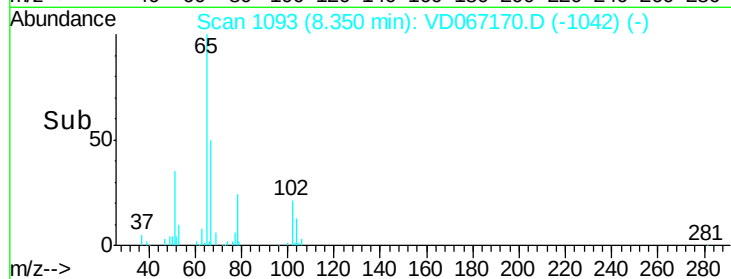
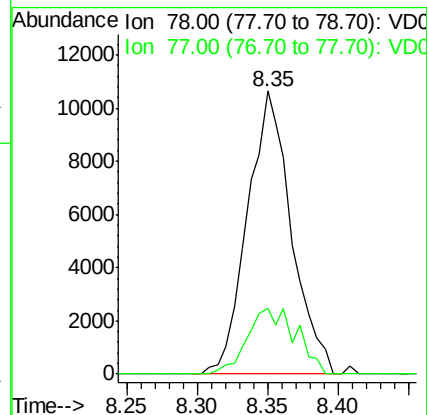
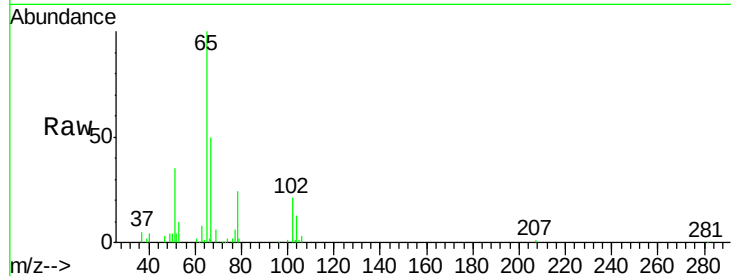
PAV-B13-100620-DP

Tot Ion: 78 Resp: 23152

Ion Ratio Lower Upper

78 100

77 23.3 18.4 27.6



#50

Toluene-d8

Concen: 49.583 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067170.D

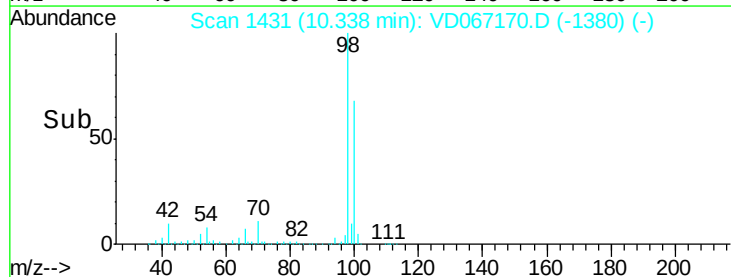
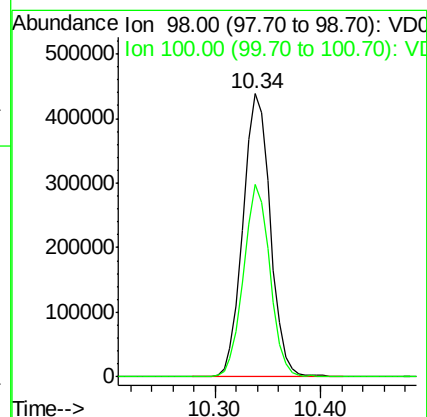
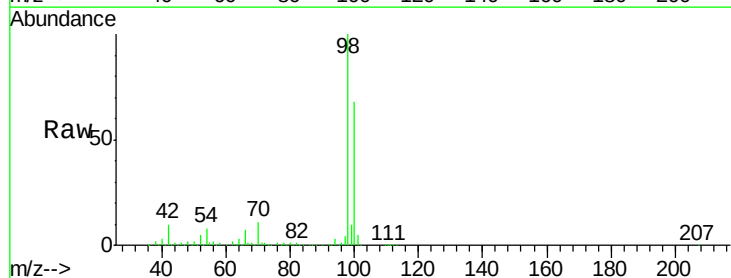
Acq: 08 Oct 2020 00:40

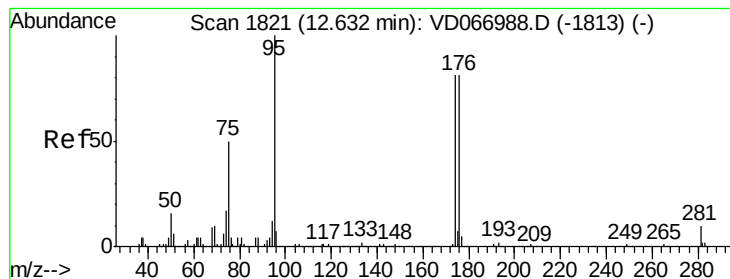
Tgt Ion: 98 Resp: 786050

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 48.293 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067170.D

Acq: 08 Oct 2020 00:40

Instrument :

MSVOA_D

ClientSampleId :

PAV-B13-100620-DP

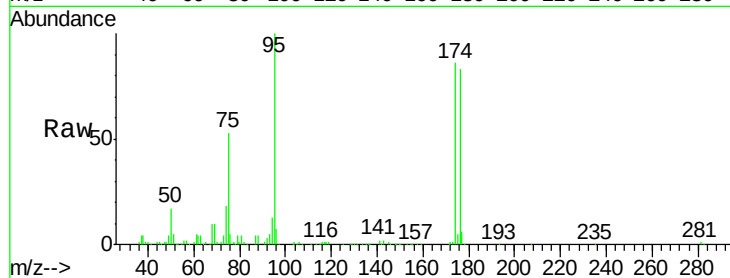
Tot Ion: 95 Resp: 259903

Ion Ratio Lower Upper

95 100

174 86.8 0.0 167.6

176 82.9 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VD066988.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066988.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066988.D (-1813) (-)

12.64

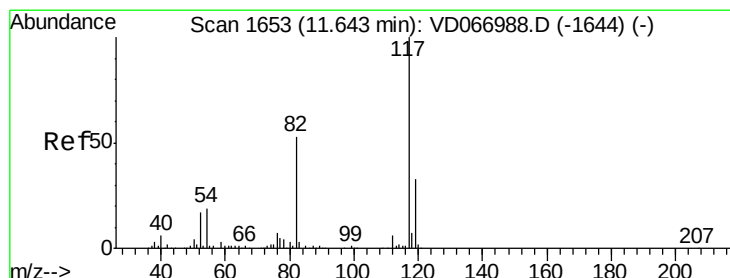
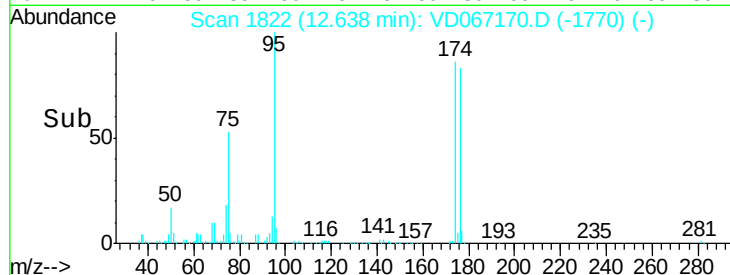
150000

100000

50000

0

Time--> 12.55 12.60 12.65 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD067170.D

Acq: 08 Oct 2020 00:40

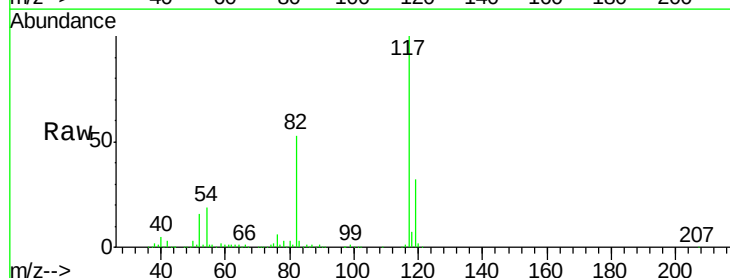
Tgt Ion: 117 Resp: 630308

Ion Ratio Lower Upper

117 100

82 53.5 42.6 63.8

119 31.9 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): VD066988.D (-1644) (-)

Ion 82.00 (81.70 to 82.70): VD066988.D (-1644) (-)

Ion 118.90 (118.60 to 119.60): VD066988.D (-1644) (-)

11.64

400000

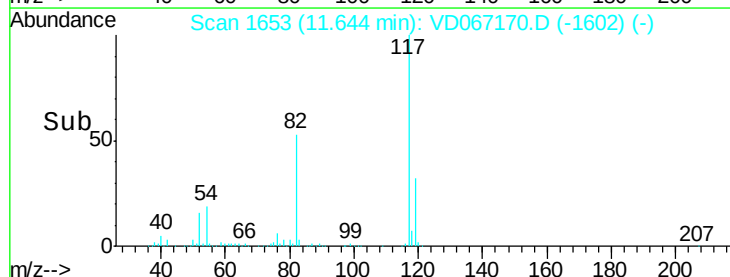
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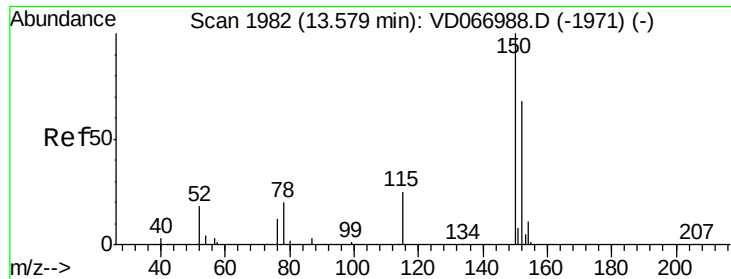
200000

100000

0

Time--> 11.60 11.70





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067170.D

Acq: 08 Oct 2020 00:40

Instrument :

MSVOA_D

ClientSampleId :

PAV-B13-100620-DP

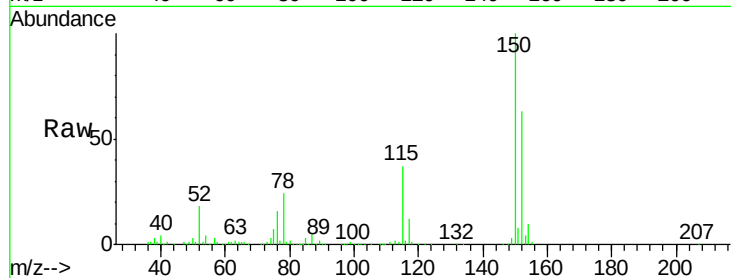
Tot Ion:152 Resp: 282323

Ion Ratio Lower Upper

152 100

115 58.6 29.6 88.8

150 154.9 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

