

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067091.D
 Acq On : 05 Oct 2020 18:42
 Operator : VA/SY
 Sample : L4242-15
 Misc : 8.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B17-100120-18-19

Quant Time: Oct 06 08:02:06 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

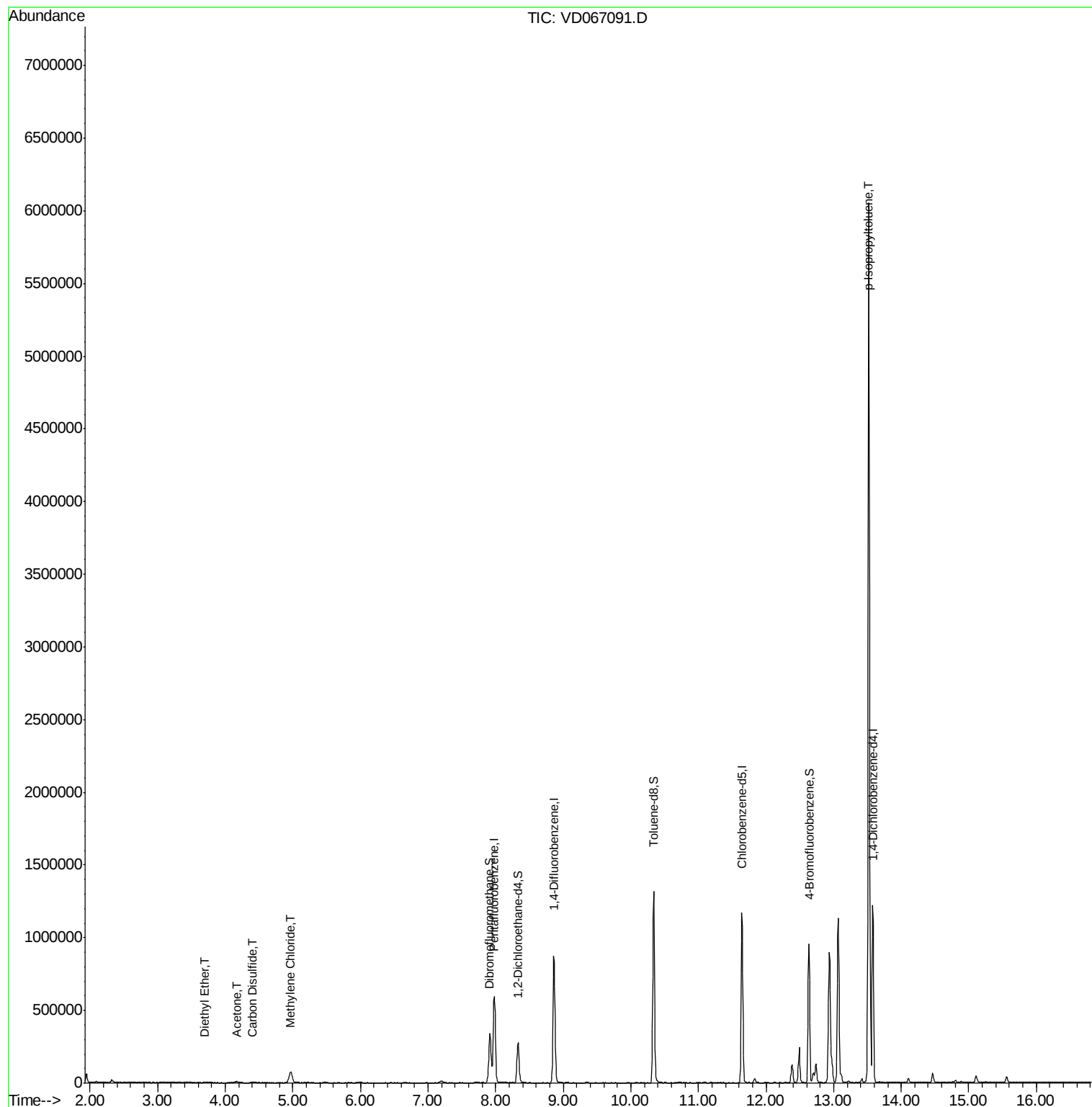
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	473481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	785905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	710012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	337763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	220395	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	7.91	113	250765	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.34	98	919260	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.64	95	321903	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
Target Compounds						
8) Diethyl Ether	3.69	74	3887	1.866	ug/l	88
16) Acetone	4.17	43	13472	19.352	ug/l #	46
17) Carbon Disulfide	4.41	76	14157	1.034	ug/l	97
20) Methylene Chloride	4.97	84	64421	6.747	ug/l	91
86) p-Isopropyltoluene	13.52	119	3544903	166.396	ug/l	99

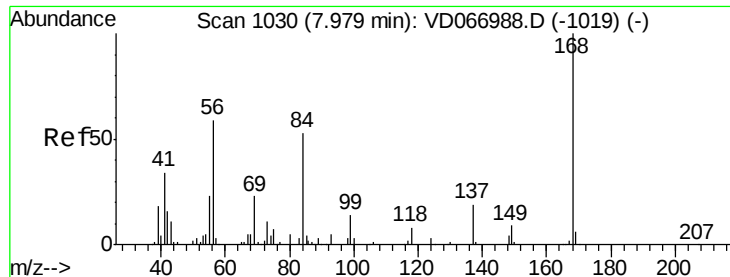
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100520\
Data File : VD067091.D
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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: VD067091.D

Acq: 05 Oct 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

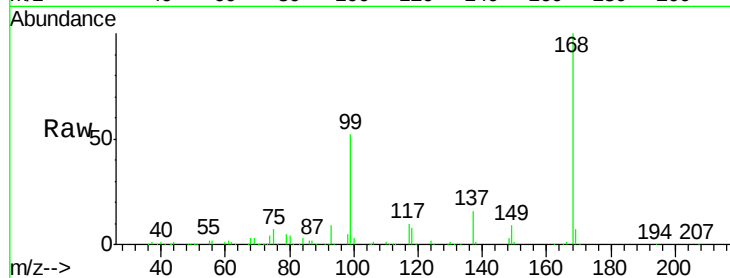
PAV-B17-100120-18-19

Tot Ion:168 Resp: 473481

Ion Ratio Lower Upper

168 100

99 51.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

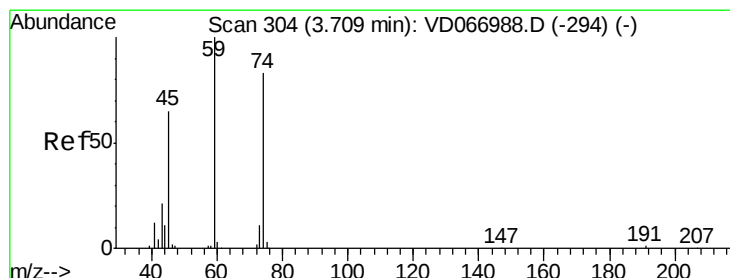
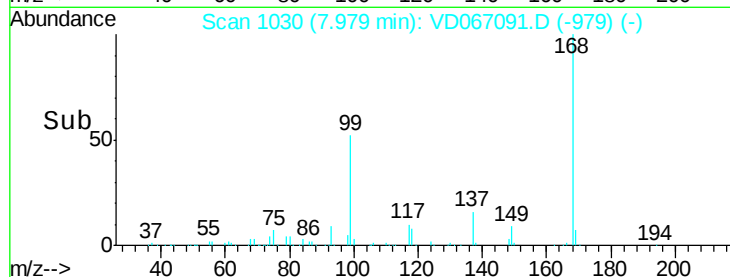
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.866 ug/l

RT: 3.69 min Scan# 301

Delta R.T. -0.02 min

Lab File: VD067091.D

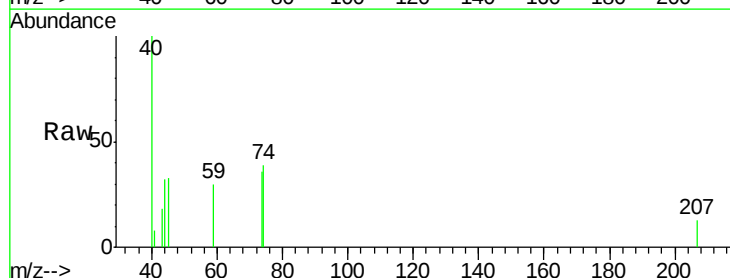
Acq: 05 Oct 2020 18:42

Tgt Ion: 74 Resp: 3887

Ion Ratio Lower Upper

74 100

45 75.3 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.69

2000

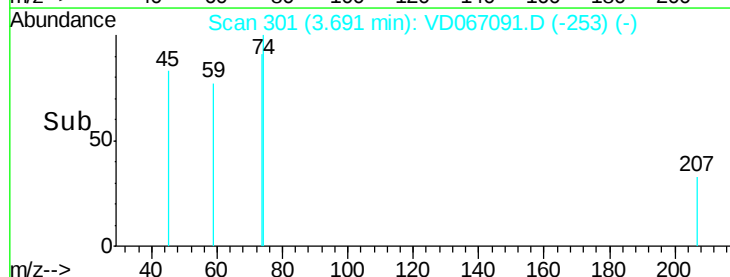
1500

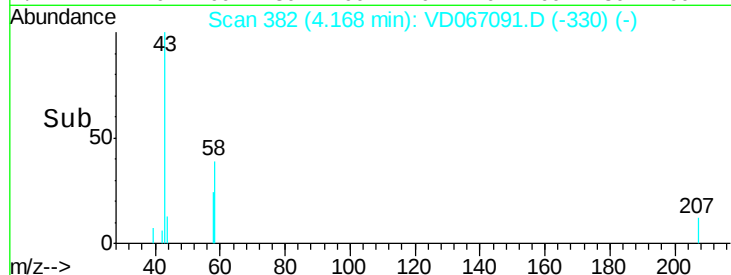
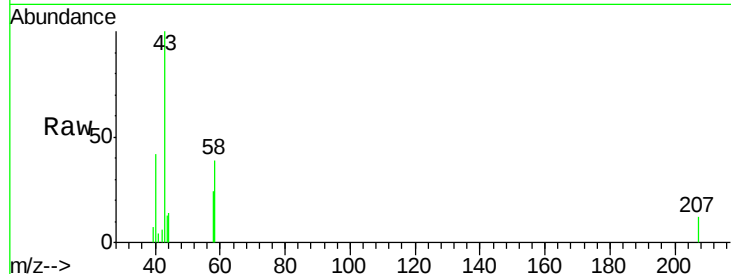
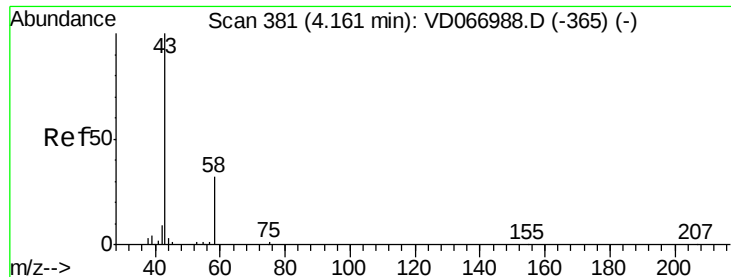
1000

500

0

Time-->





#16

Acetone

Concen: 19.352 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067091.D

Acq: 05 Oct 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

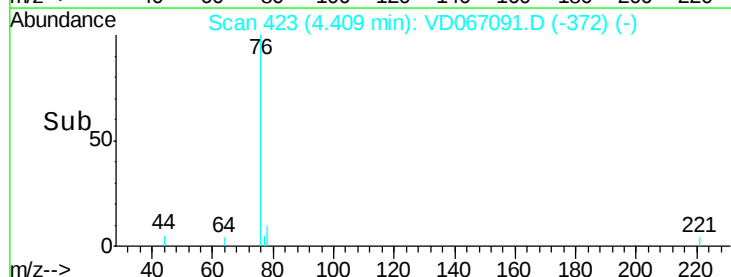
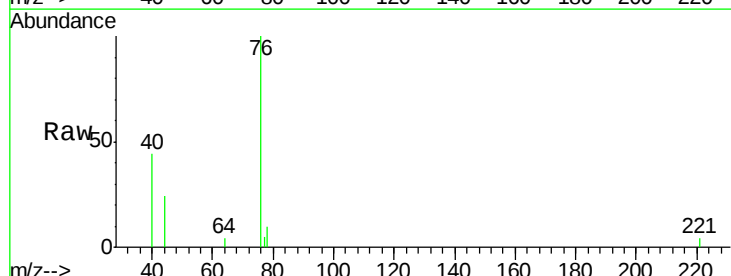
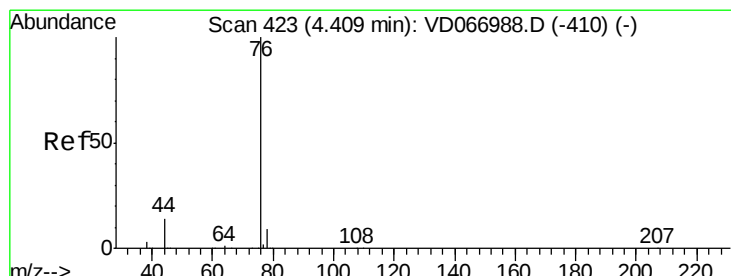
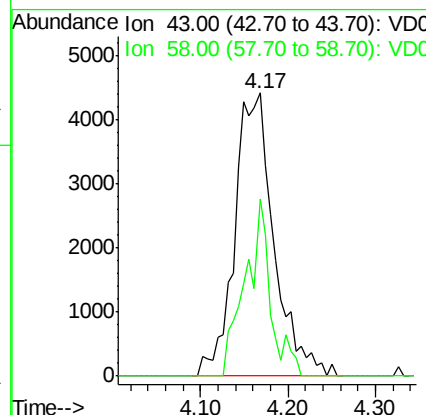
PAV-B17-100120-18-19

Tot Ion: 43 Resp: 13472

Ion Ratio Lower Upper

43 100

58 62.8 25.9 38.9#



#17

Carbon Disulfide

Concen: 1.034 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067091.D

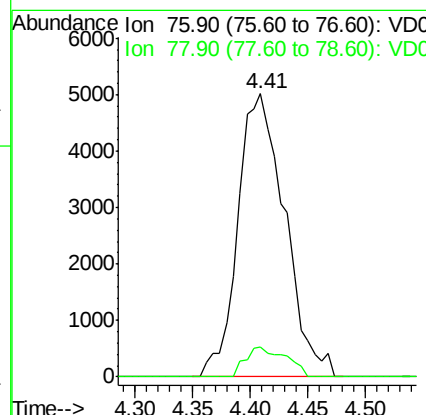
Acq: 05 Oct 2020 18:42

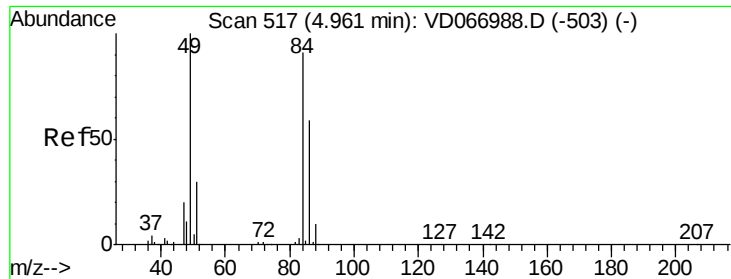
Tgt Ion: 76 Resp: 14157

Ion Ratio Lower Upper

76 100

78 10.4 7.5 11.3

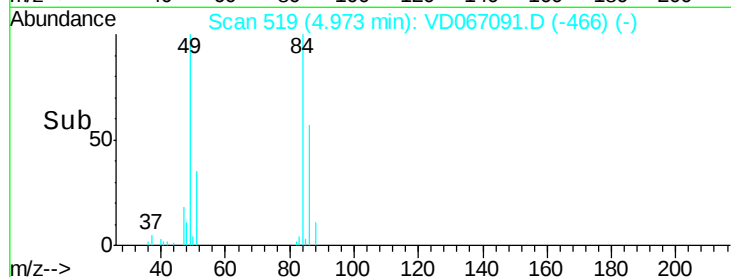
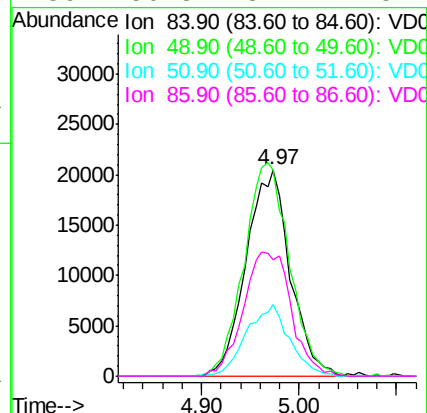
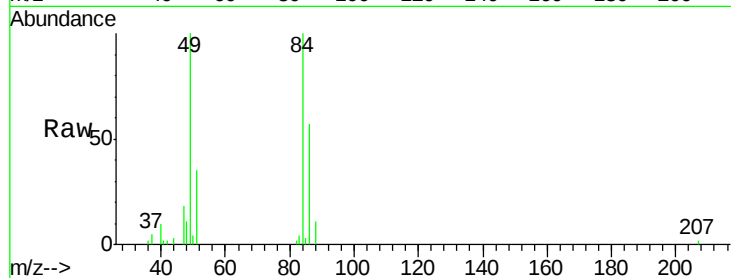




#20
Methylene Chloride
Concen: 6.747 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067091.D
Acq: 05 Oct 2020 18:42

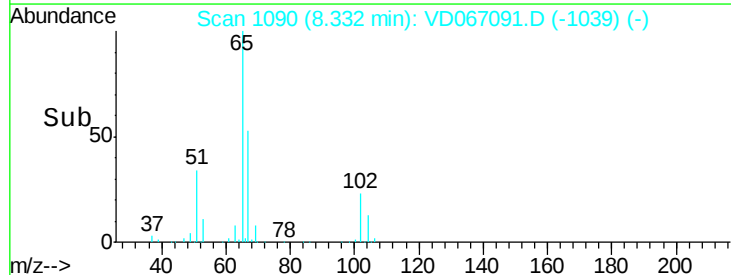
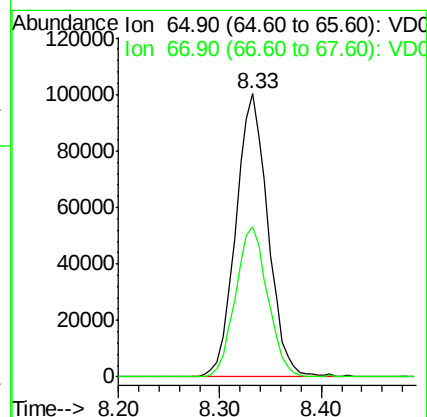
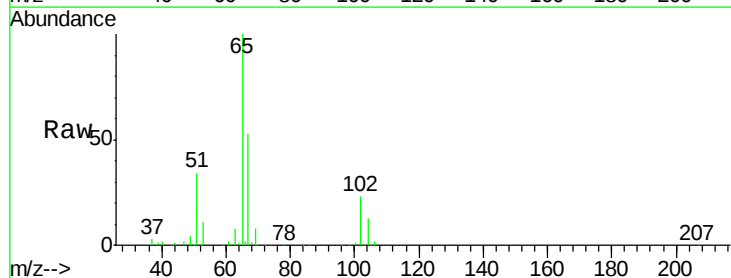
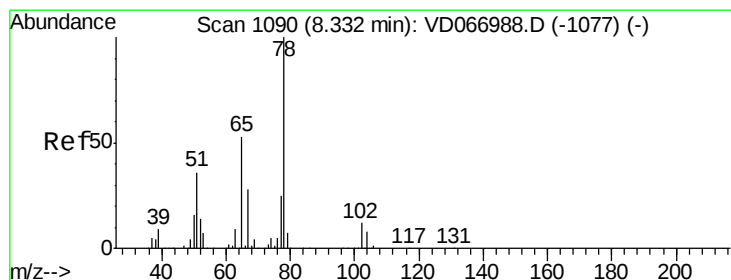
Instrument :
MSVOA_D
ClientSampleId :
PAV-B17-100120-18-19

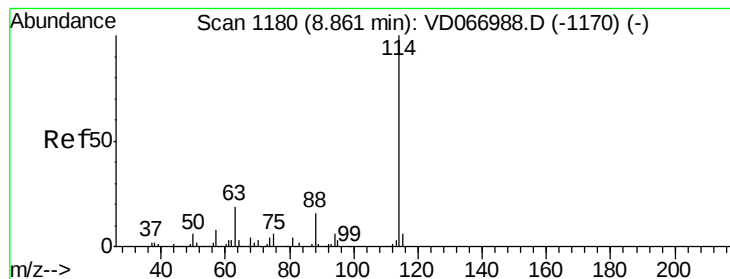
Tot Ion: 84 Resp: 64421
Ion Ratio Lower Upper
84 100
49 100.2 88.2 132.2
51 34.6 26.6 39.8
86 56.8 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 48.326 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067091.D
Acq: 05 Oct 2020 18:42

Tgt Ion: 65 Resp: 220395
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067091.D

Acq: 05 Oct 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

PAV-B17-100120-18-19

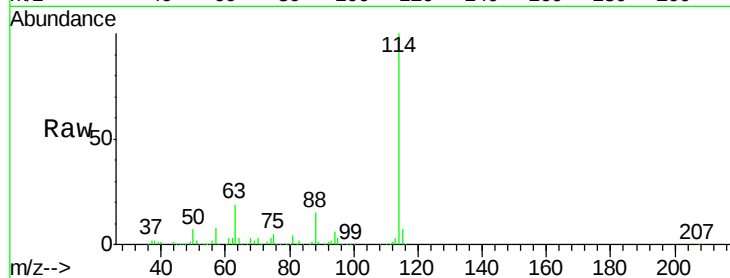
Tot Ion:114 Resp: 785905

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

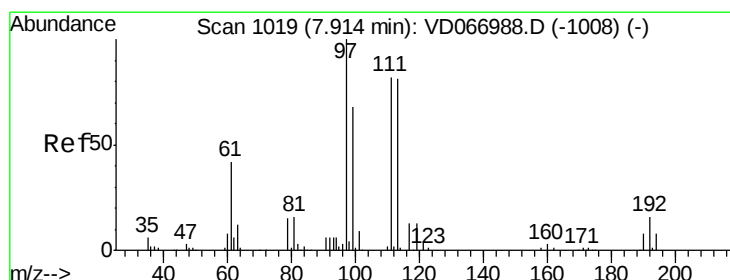
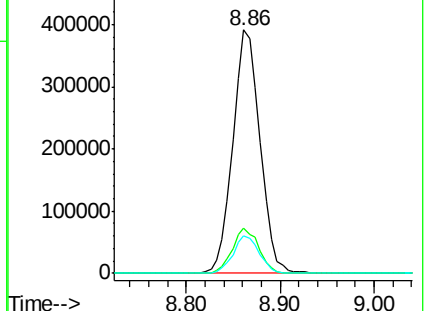
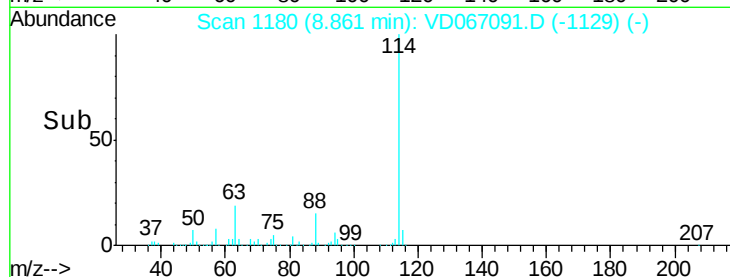
88 15.2 0.0 31.2



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: 48.738 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067091.D

Acq: 05 Oct 2020 18:42

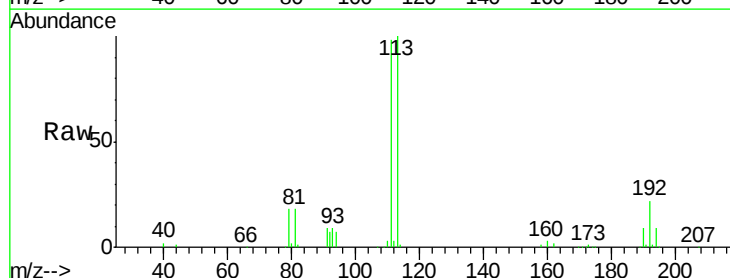
Tgt Ion:113 Resp: 250765

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.4

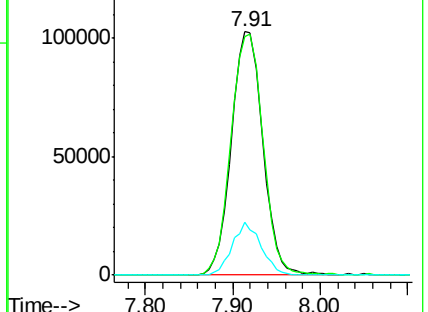
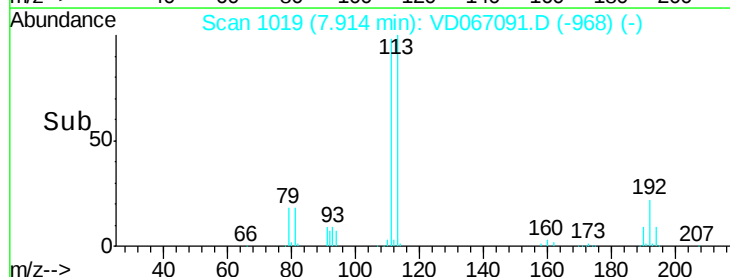
192 19.9 15.5 23.3

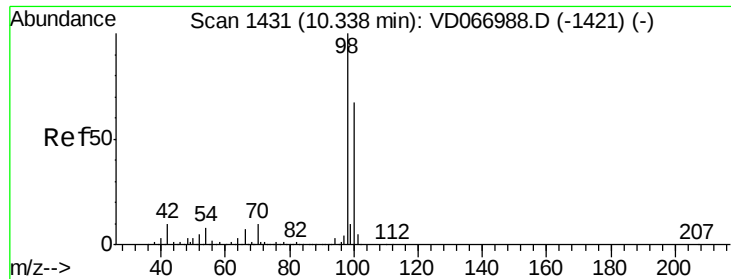


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.031 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067091.D

Acq: 05 Oct 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

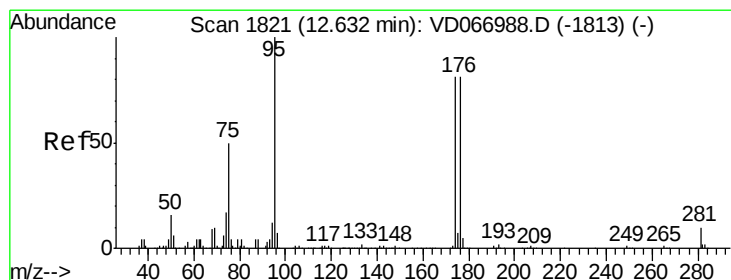
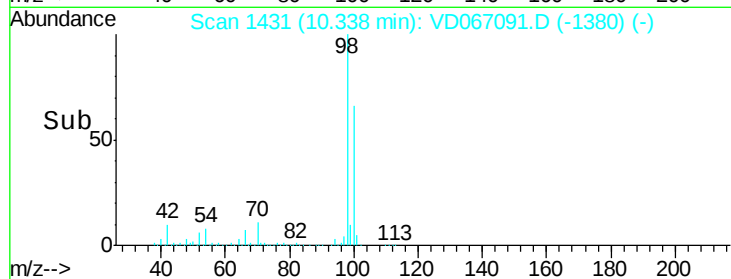
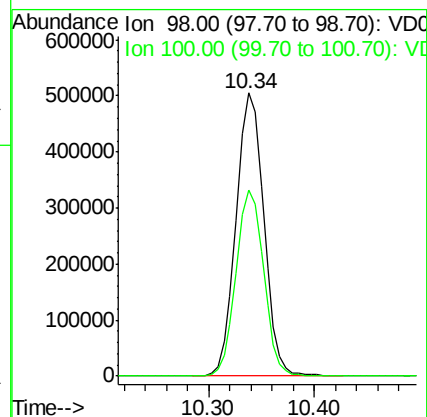
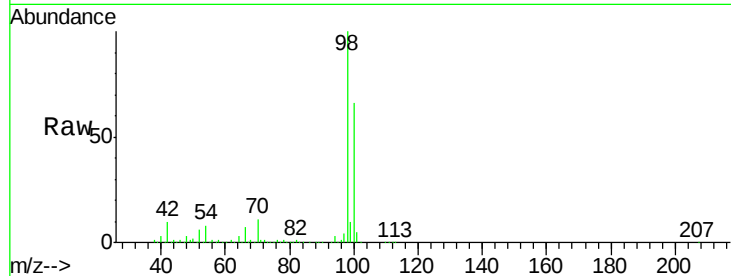
PAV-B17-100120-18-19

Tot Ion: 98 Resp: 919260

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 50.577 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067091.D

Acq: 05 Oct 2020 18:42

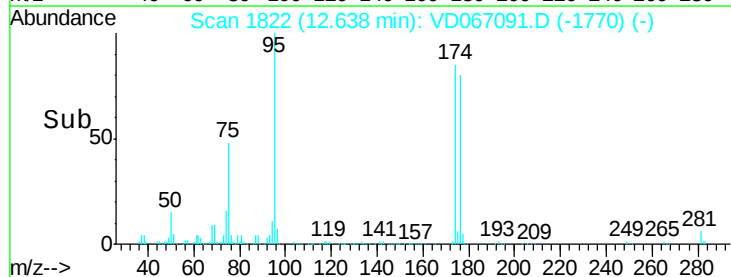
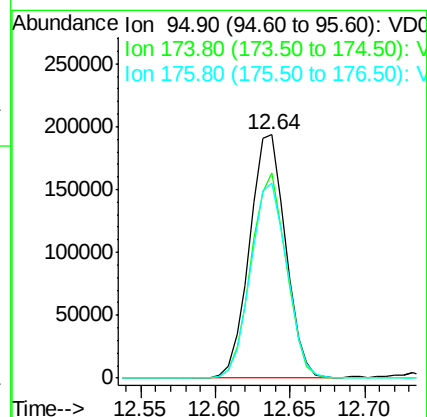
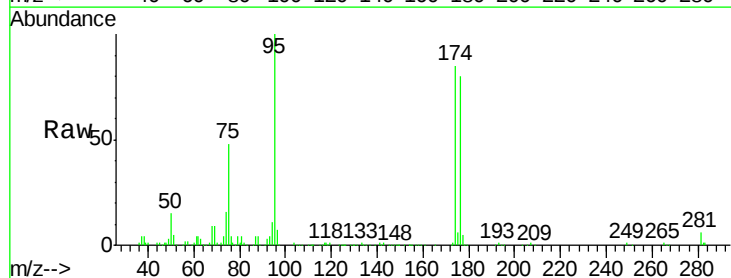
Tgt Ion: 95 Resp: 321903

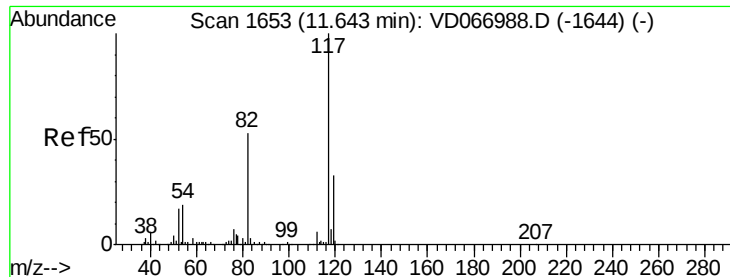
Ion Ratio Lower Upper

95 100

174 82.6 0.0 167.6

176 80.9 0.0 162.4

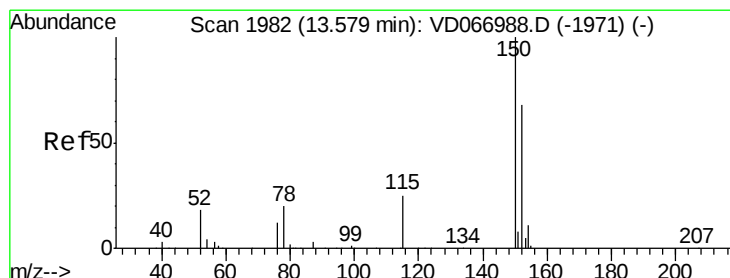
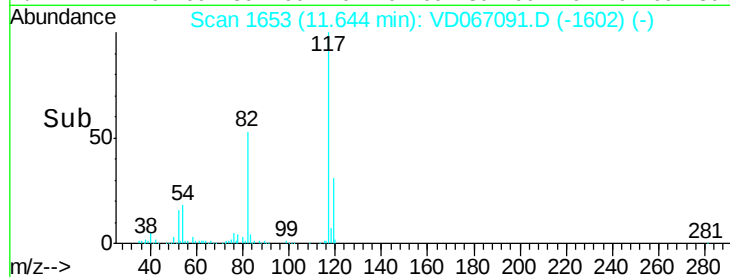
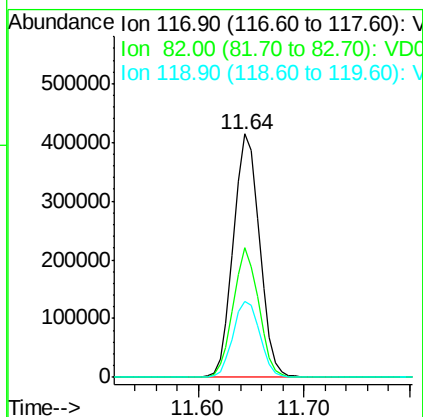
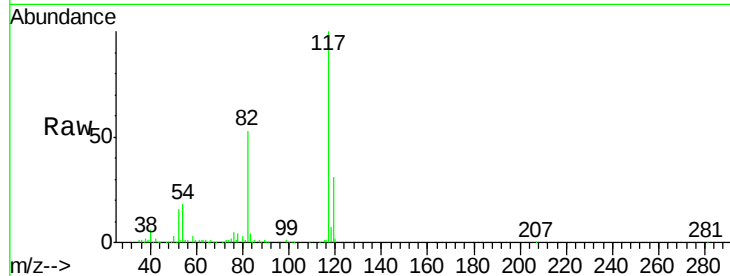




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067091.D
Acq: 05 Oct 2020 18:42

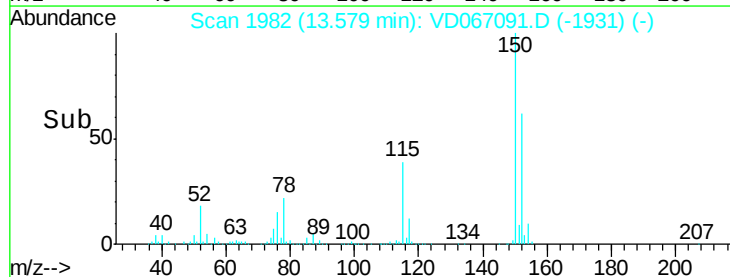
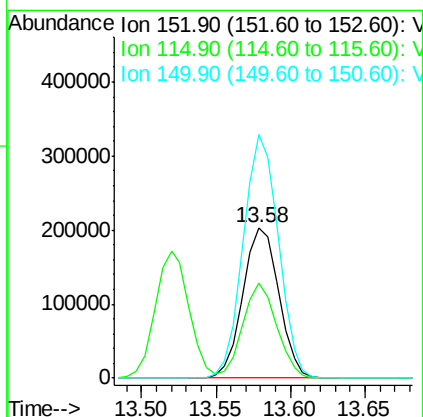
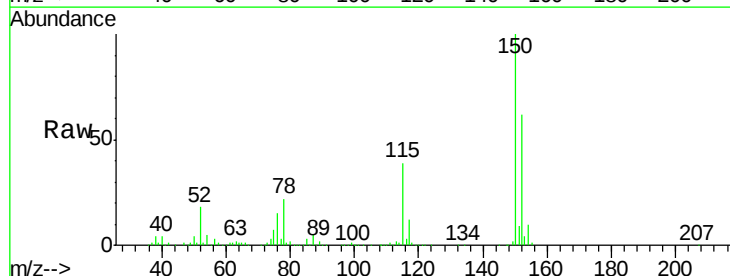
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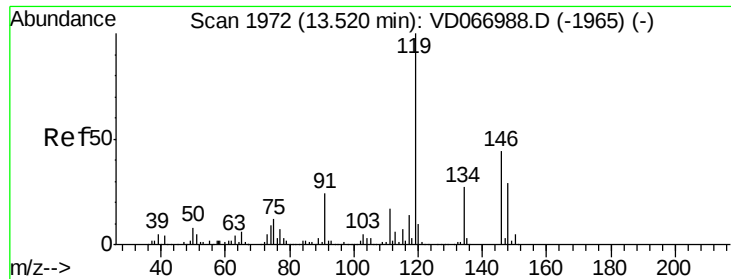
Tot Ion:117 Resp: 710012
Ion Ratio Lower Upper
117 100
82 53.1 42.6 63.8
119 31.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067091.D
Acq: 05 Oct 2020 18:42

Tgt Ion:152 Resp: 337763
Ion Ratio Lower Upper
152 100
115 59.7 29.6 88.8
150 158.7 0.0 344.8





#86
 p-Isopropyltoluene
 Concen: 166.396 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067091.D
 Acq: 05 Oct 2020 18:42

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B17-100120-18-19

Tot Ion:119 Resp: 3544903
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 23.8 11.7 35.1

