

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067088.D
 Acq On : 05 Oct 2020 17:19
 Operator : VA/SY
 Sample : L4242-01
 Misc : 8.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B24-100120-0-1

Quant Time: Oct 06 07:55:53 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

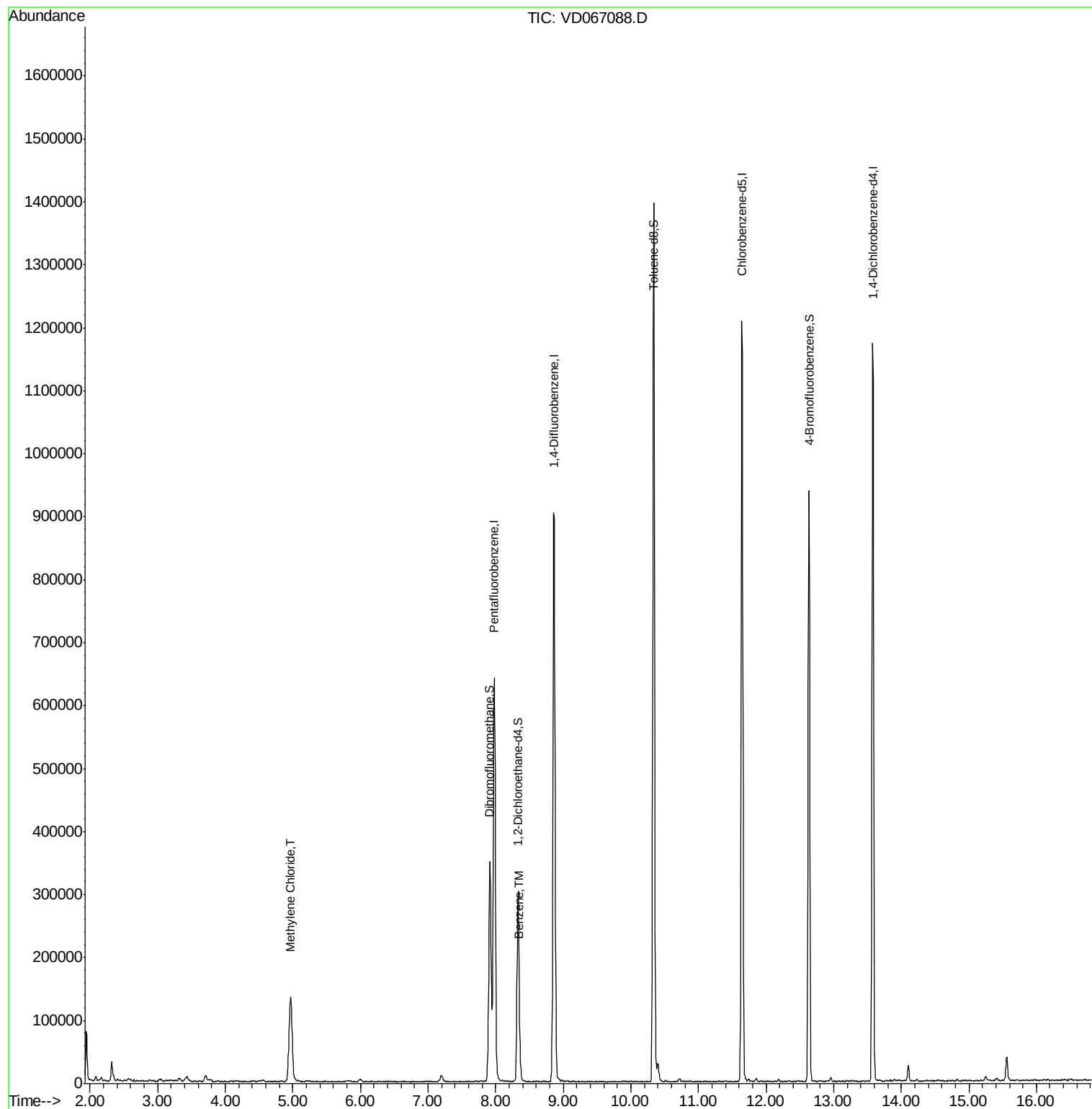
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	487140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	829060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	740378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	325971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	222739	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
35) Dibromofluoromethane	7.92	113	258868	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	10.34	98	967684	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.64	95	306512	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
Target Compounds						
20) Methylene Chloride	4.97	84	118355	18.737	ug/l	97
40) Benzene	8.36	78	23493	1.095	ug/l	100

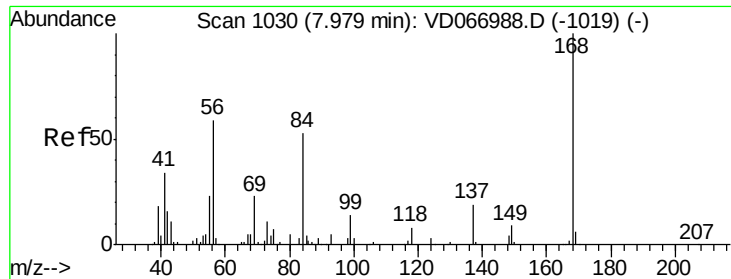
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067088.D

Acq: 05 Oct 2020 17:19

Instrument :

MSVOA_D

ClientSampleId :

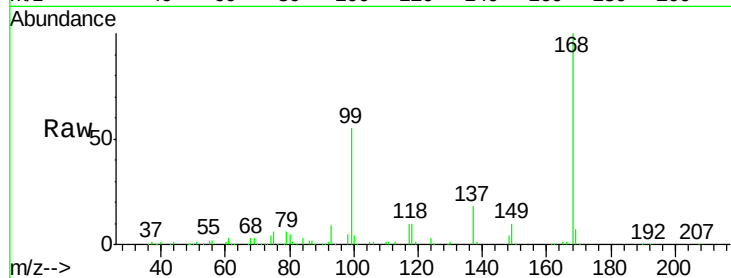
PAV-B24-100120-0-1

Tot Ion:168 Resp: 487140

Ion Ratio Lower Upper

168 100

99 55.2 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

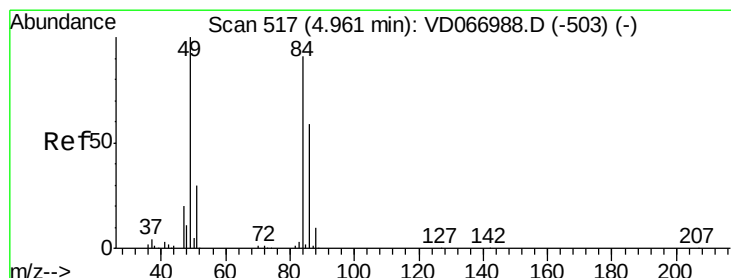
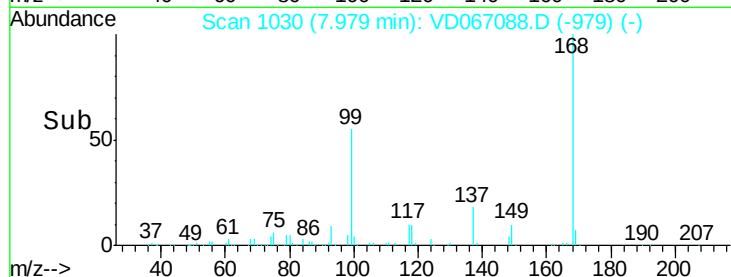
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 18.737 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067088.D

Acq: 05 Oct 2020 17:19

Tgt Ion: 84 Resp: 118355

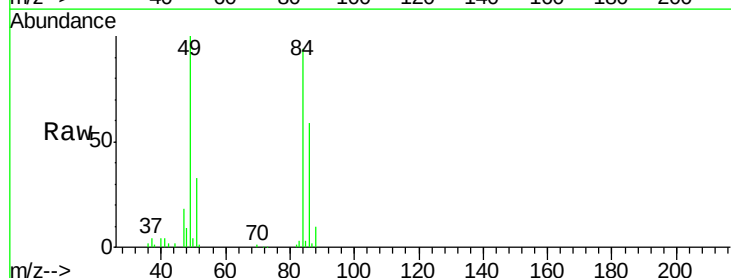
Ion Ratio Lower Upper

84 100

49 106.4 88.2 132.2

51 35.6 26.6 39.8

86 63.1 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

60000

50000

40000

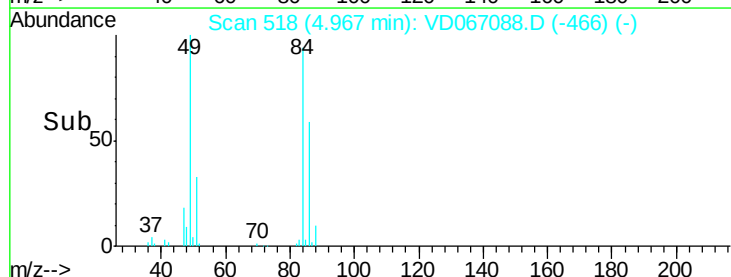
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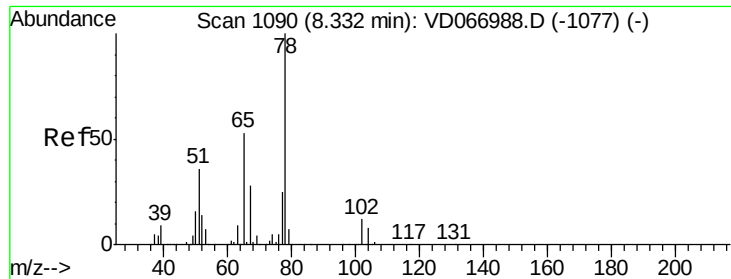
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Time-->

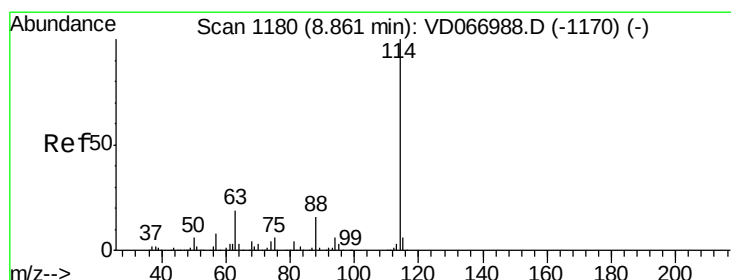
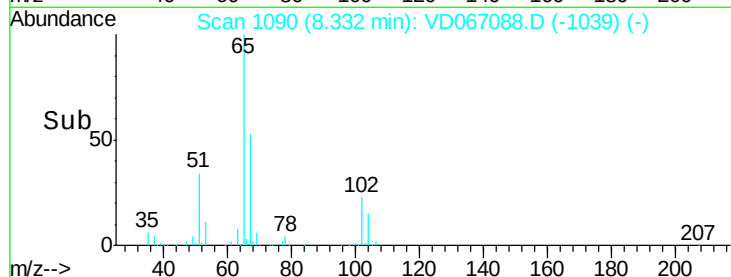
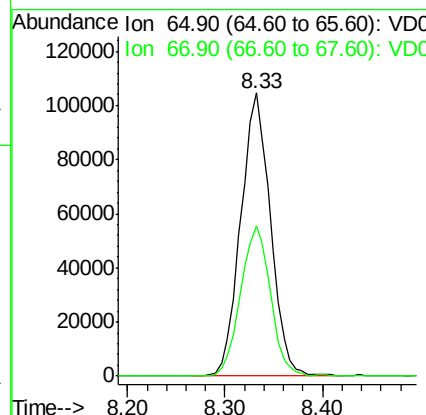
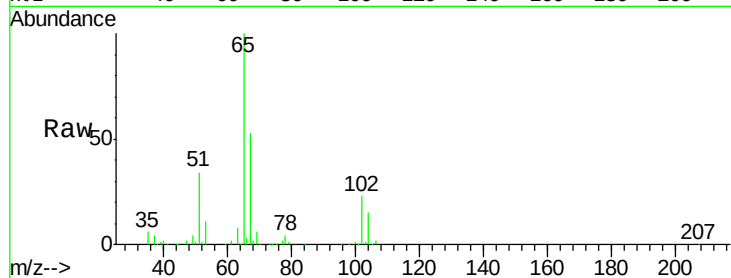




#33
 1,2-Dichloroethane-d4
 Concen: 47.471 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067088.D
 Acq: 05 Oct 2020 17:19

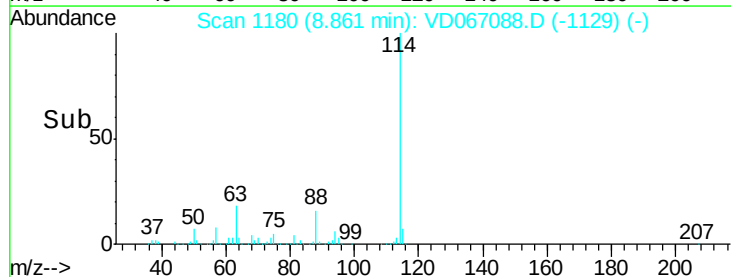
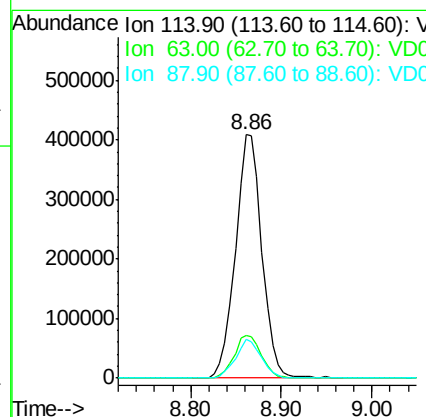
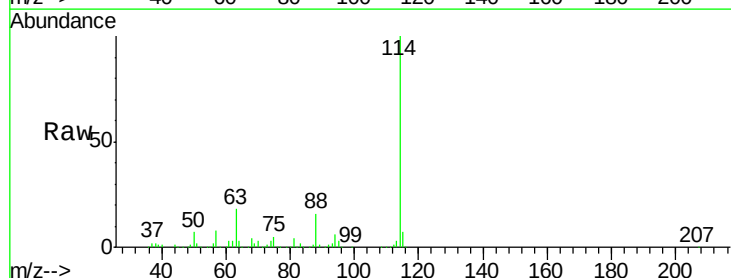
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B24-100120-0-1

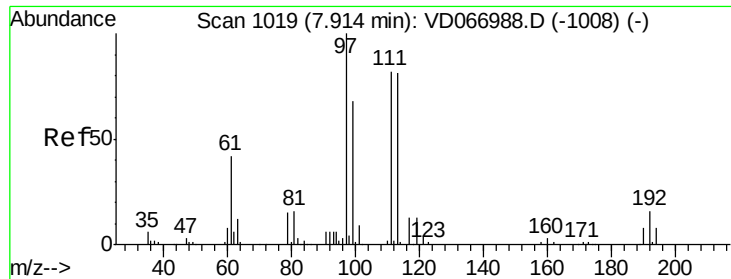
Tot Ion: 65 Resp: 222739
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD067088.D
 Acq: 05 Oct 2020 17:19

Tgt Ion: 114 Resp: 829060
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 38.4
 88 15.7 0.0 31.2

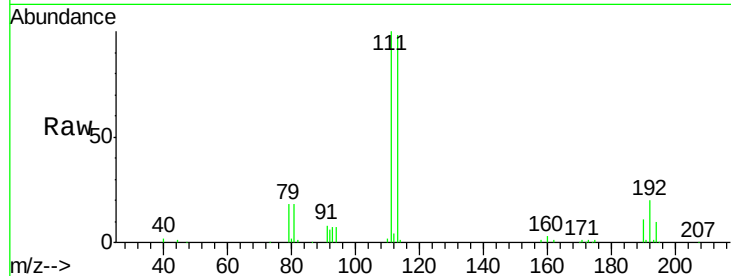




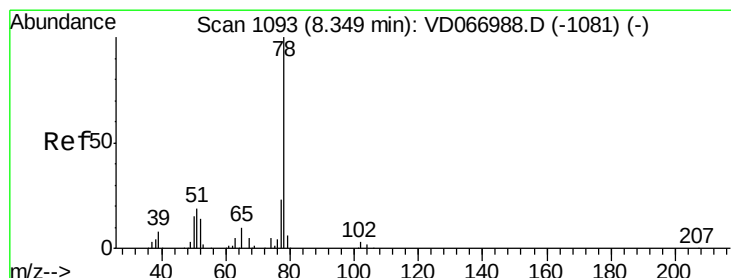
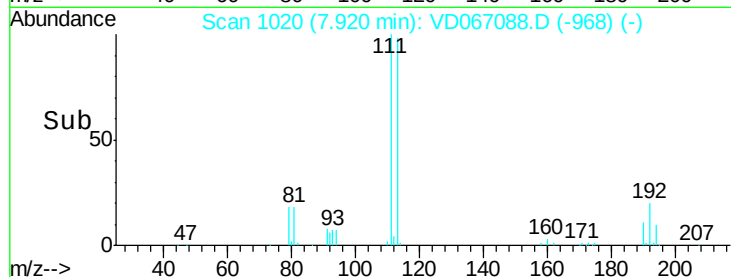
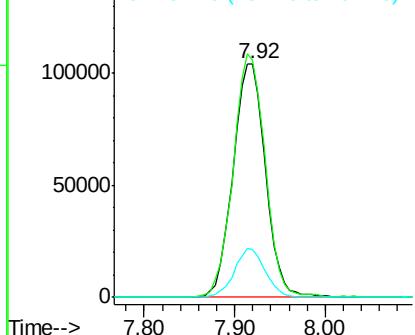
#35
 Dibromofluoromethane
 Concen: 47.694 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067088.D
 Acq: 05 Oct 2020 17:19

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B24-100120-0-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.4
192	20.0	15.5	23.3

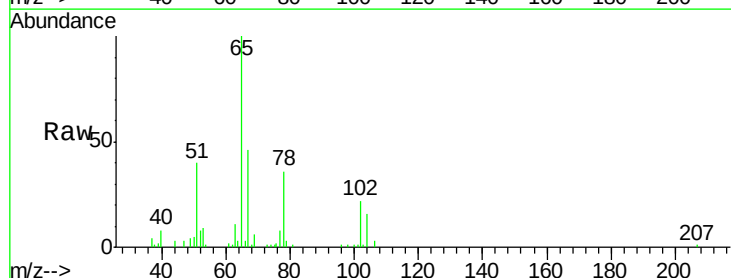


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

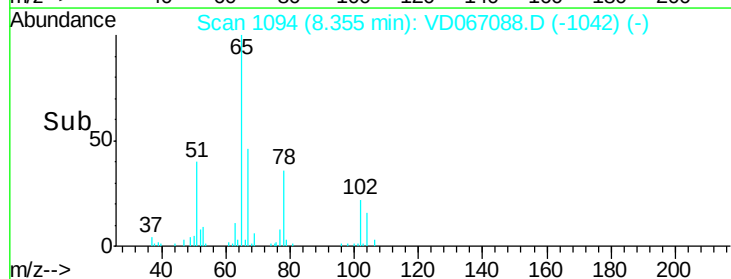
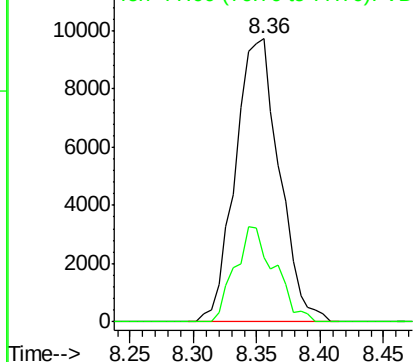


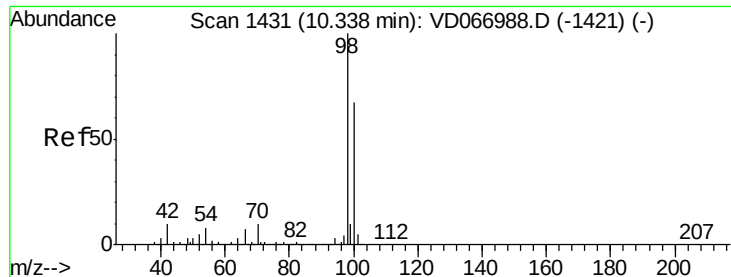
#40
 Benzene
 Concen: 1.095 ug/l
 RT: 8.36 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: VD067088.D
 Acq: 05 Oct 2020 17:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.4	27.6



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

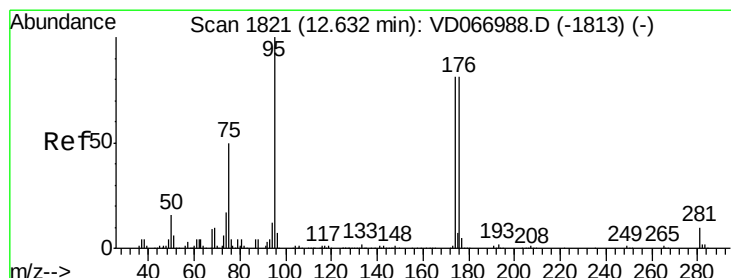
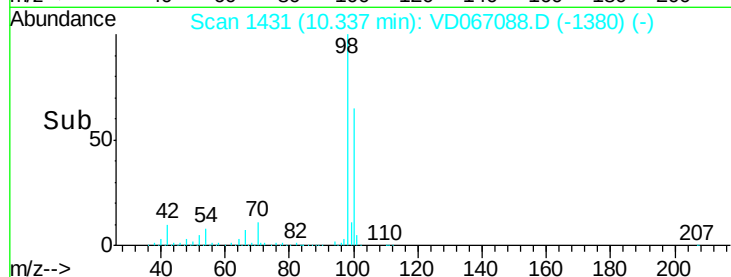
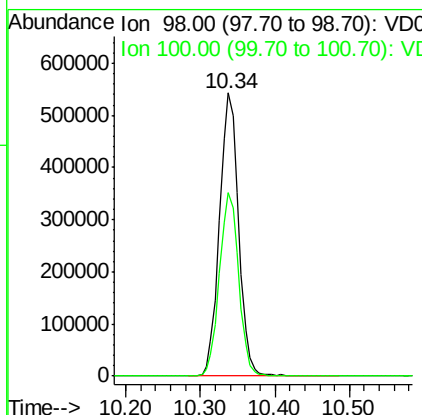
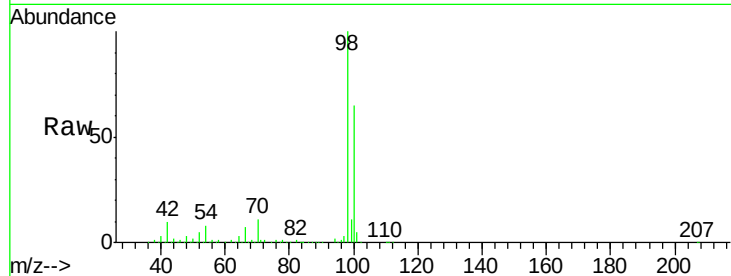




#50
Toluene-d8
Concen: 48.928 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067088.D
Acq: 05 Oct 2020 17:19

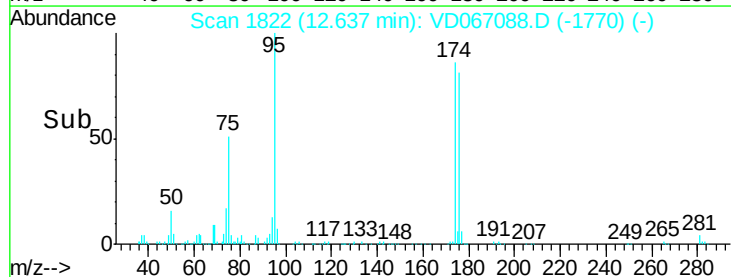
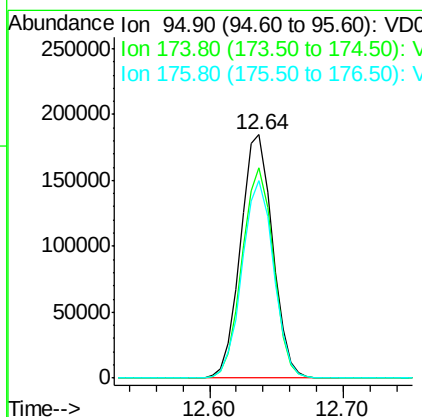
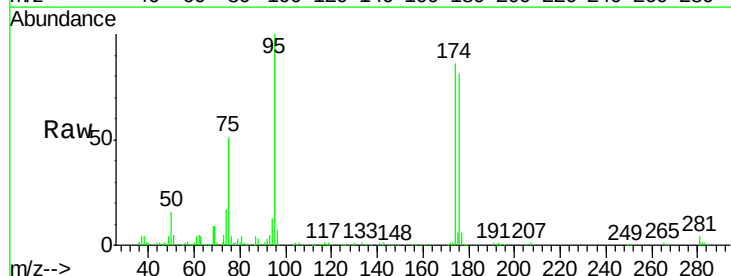
Instrument :
MSVOA_D
ClientSampleId :
PAV-B24-100120-0-1

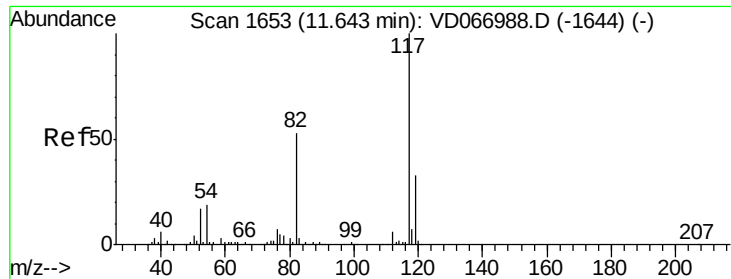
Tot Ion: 98 Resp: 967684
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.652 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067088.D
Acq: 05 Oct 2020 17:19

Tgt Ion: 95 Resp: 306512
Ion Ratio Lower Upper
95 100
174 84.4 0.0 167.6
176 79.8 0.0 162.4

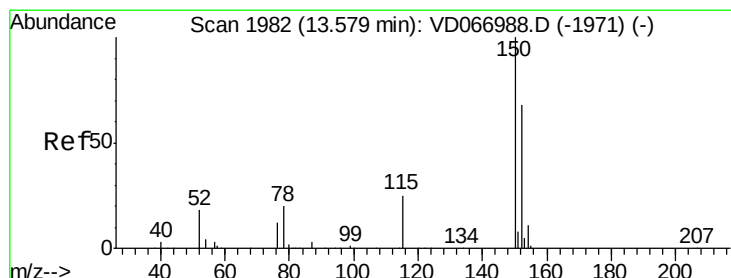
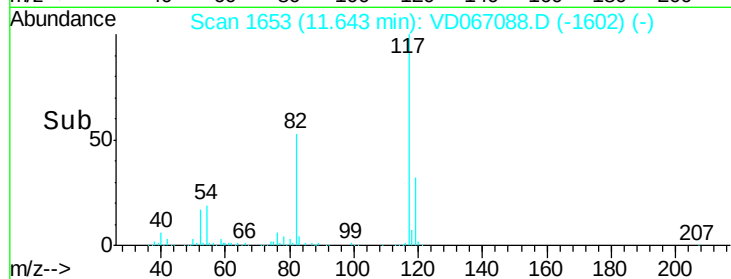
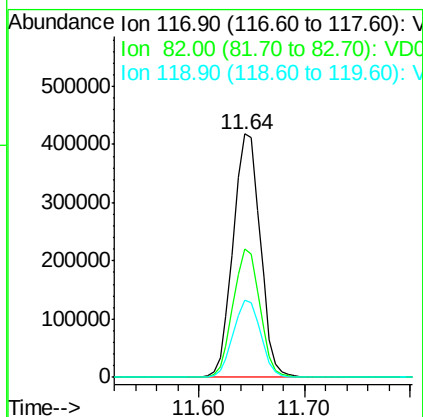
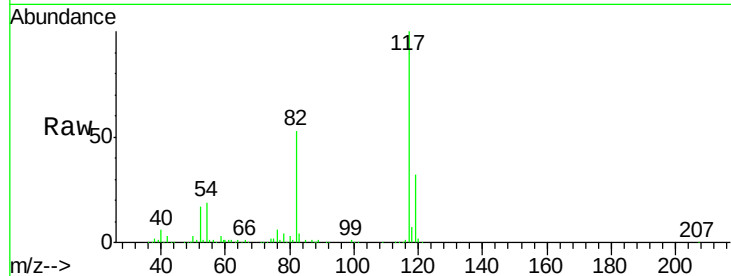




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067088.D
Acq: 05 Oct 2020 17:19

Instrument :
MSVOA_D
ClientSampleId :
PAV-B24-100120-0-1

Tot Ion:117 Resp: 740378
Ion Ratio Lower Upper
117 100
82 53.0 42.6 63.8
119 31.9 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: VD067088.D
Acq: 05 Oct 2020 17:19

Tgt Ion:152 Resp: 325971
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.8
150 159.2 0.0 344.8

