

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067230.D
 Acq On : 12 Oct 2020 13:30
 Operator : VA/SY
 Sample : L4341-01
 Misc : 7.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE

Quant Time: Oct 13 00:36:57 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

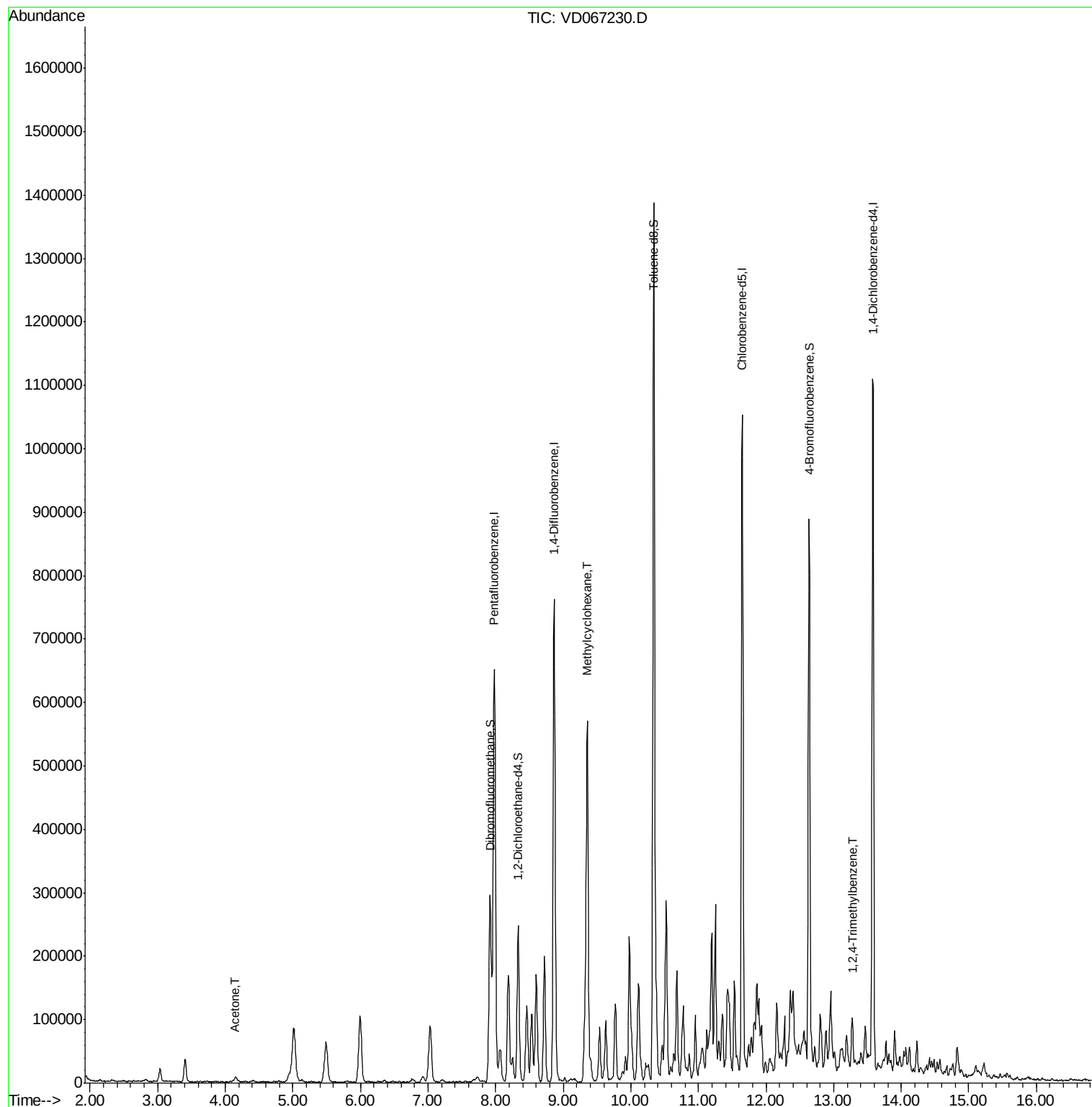
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	420719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	671382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	626052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	195779	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	7.92	113	204990	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
50) Toluene-d8	10.34	98	789333	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.64	95	285477	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
Target Compounds						
16) Acetone	4.15	43	11059	17.878	ug/l #	88
39) Methylcyclohexane	9.36	83	264860	40.032	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	43808	2.491	ug/l	94

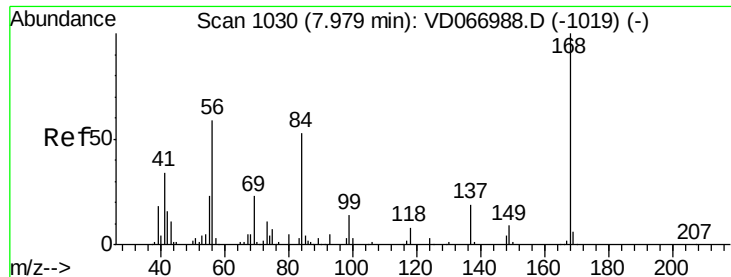
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD067230.D

Acq: 12 Oct 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

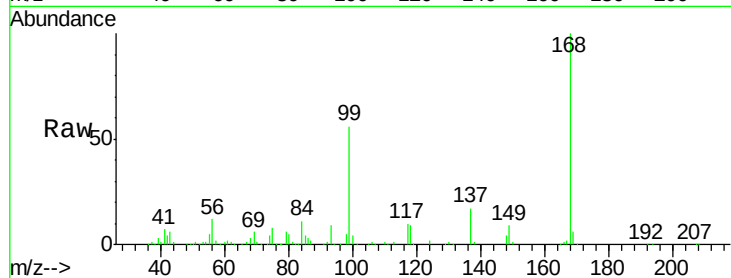
STOCK-PILE

Tot Ion:168 Resp: 420719

Ion Ratio Lower Upper

168 100

99 56.3 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

200000

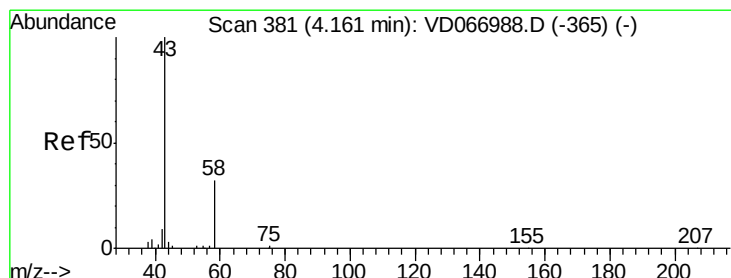
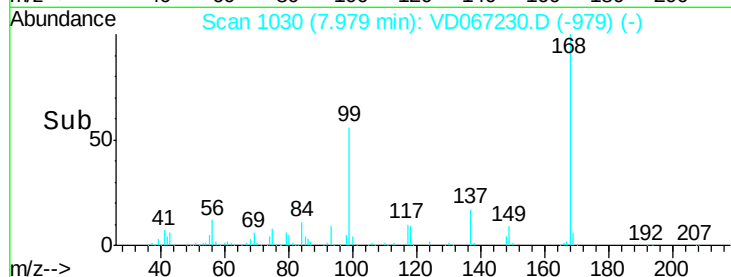
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 17.878 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067230.D

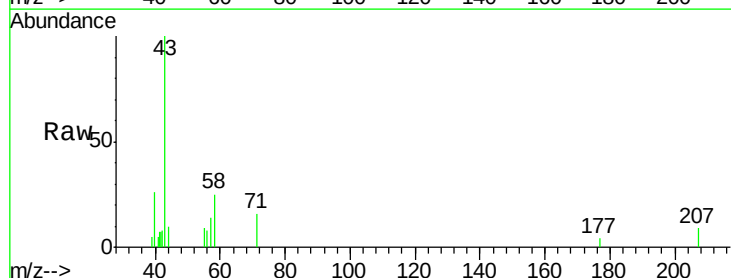
Acq: 12 Oct 2020 13:30

Tgt Ion: 43 Resp: 11059

Ion Ratio Lower Upper

43 100

58 25.5 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.15

4000

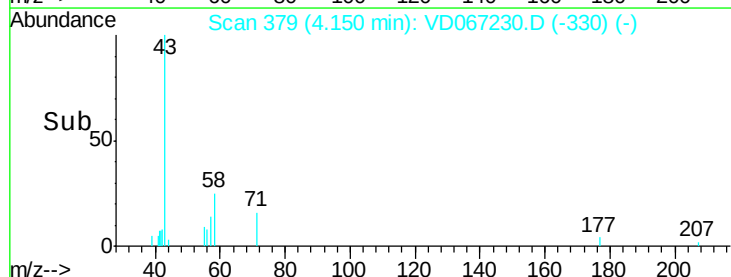
3000

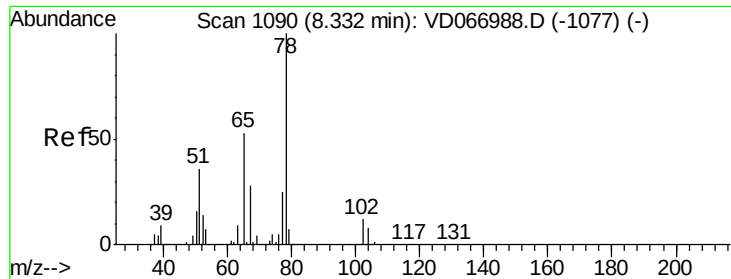
2000

1000

0

Time--> 4.10 4.20

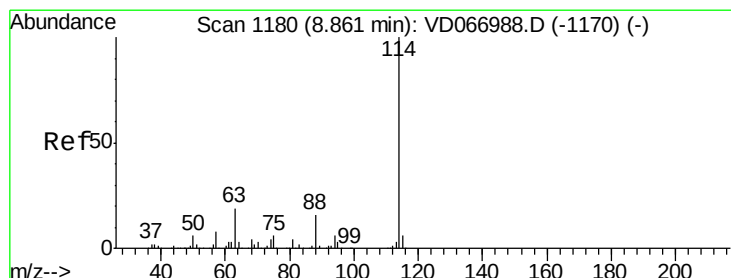
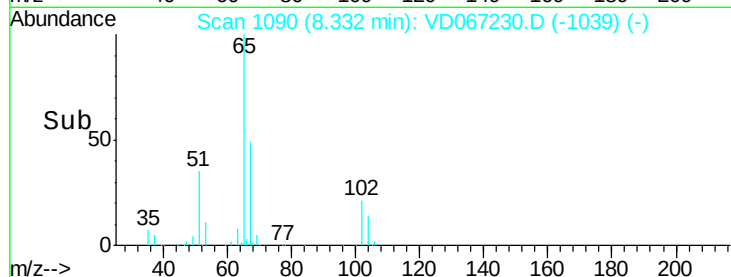
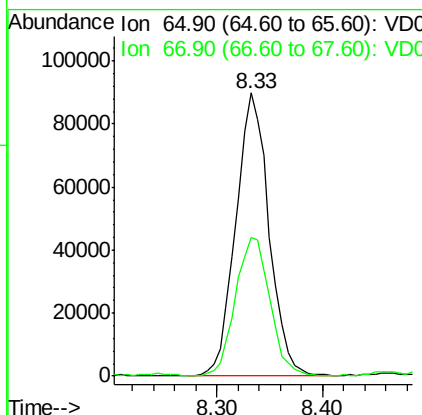
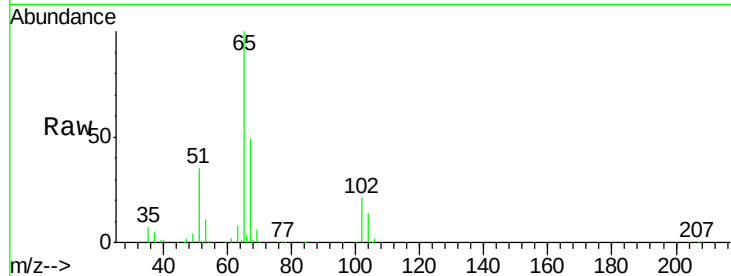




#33
 1,2-Dichloroethane-d4
 Concen: 48.313 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067230.D
 Acq: 12 Oct 2020 13:30

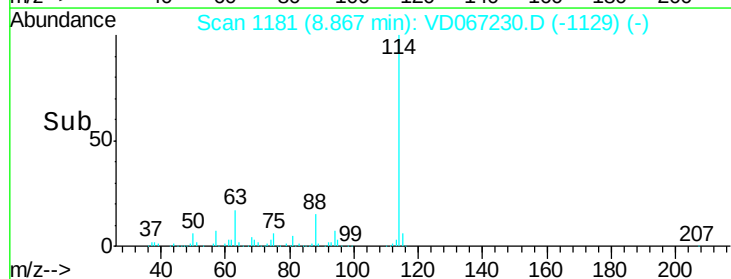
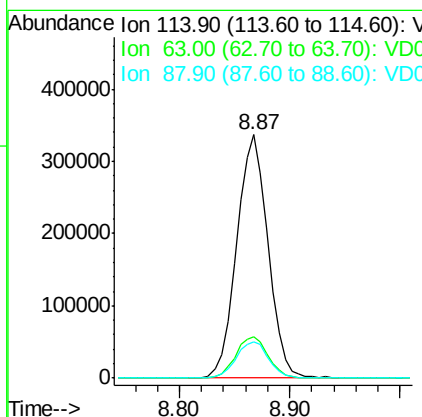
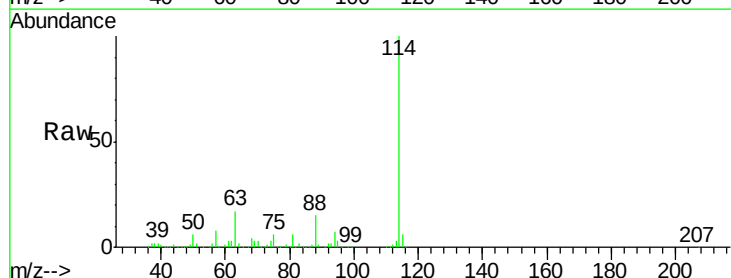
Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE

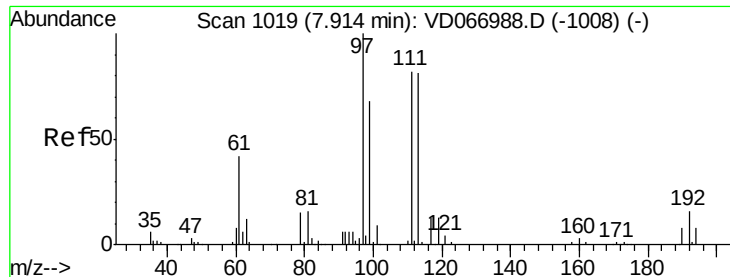
Tot Ion: 65 Resp: 195779
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067230.D
 Acq: 12 Oct 2020 13:30

Tgt Ion: 114 Resp: 671382
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 38.4
 88 14.8 0.0 31.2

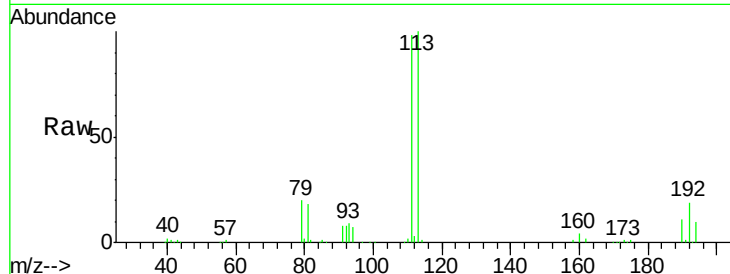




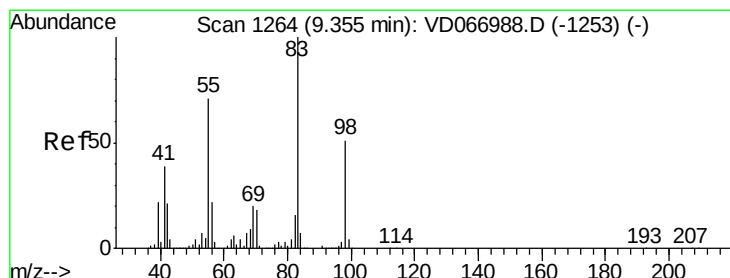
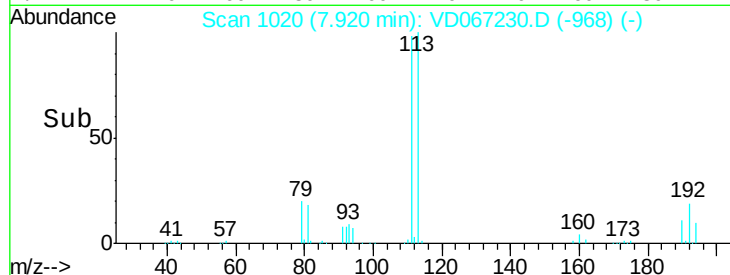
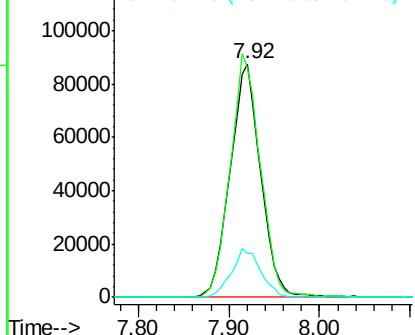
#35
Dibromofluoromethane
Concen: 46.637 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067230.D
Acq: 12 Oct 2020 13:30

Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	20.1	15.5	23.3

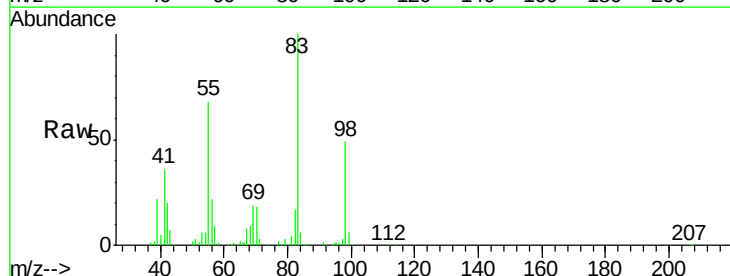


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

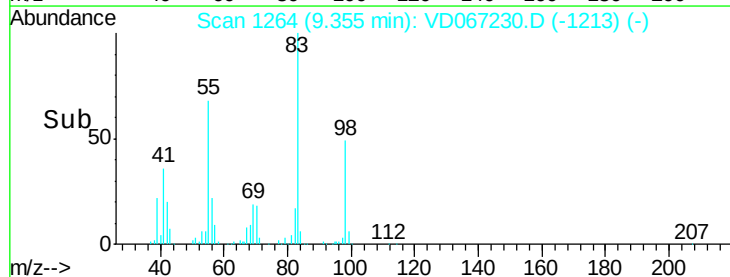
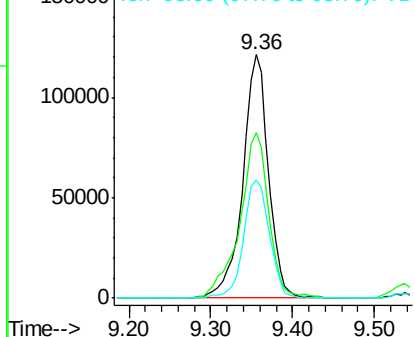


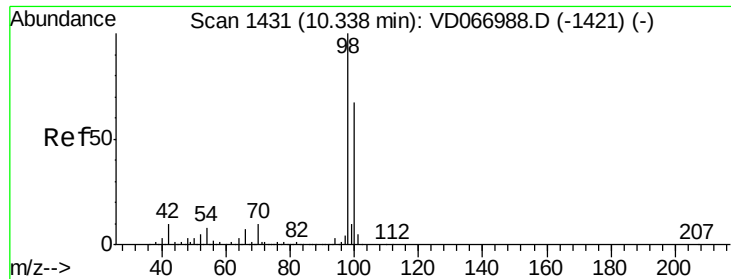
#39
Methylcyclohexane
Concen: 40.032 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067230.D
Acq: 12 Oct 2020 13:30

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.1	57.1	85.7
98	48.7	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

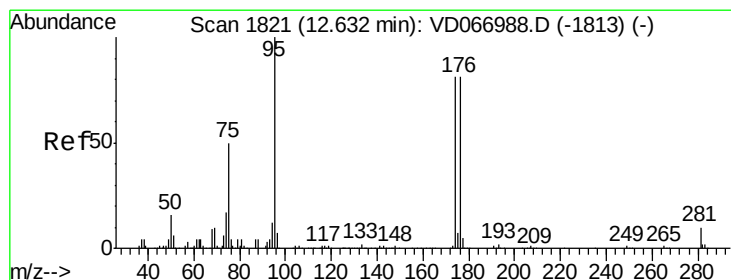
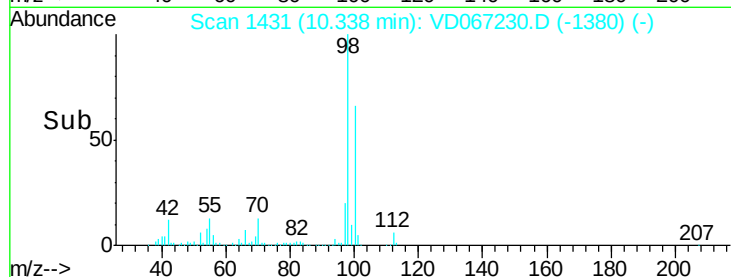
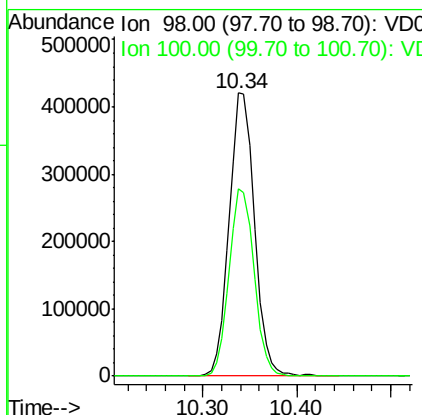
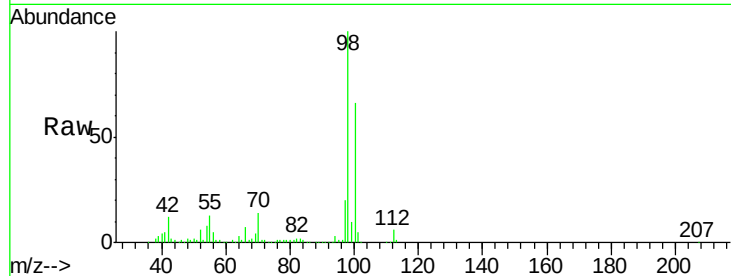




#50
Toluene-d8
Concen: 49.283 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067230.D
Acq: 12 Oct 2020 13:30

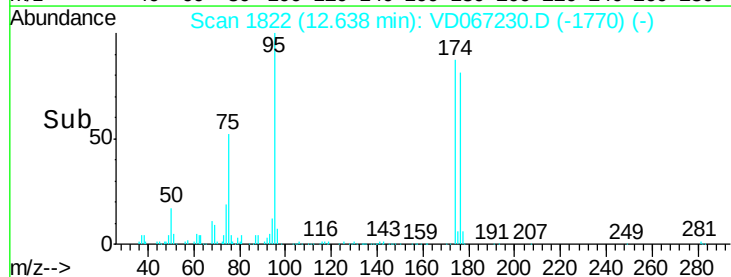
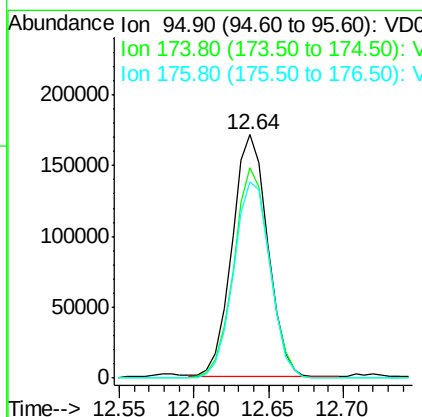
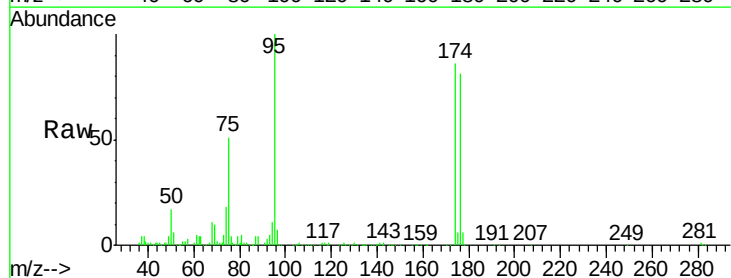
Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE

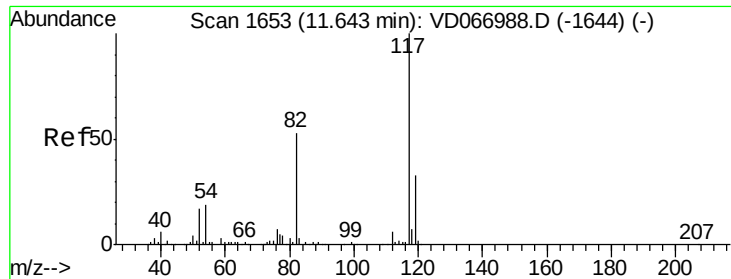
Tot Ion: 98 Resp: 789333
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 52.505 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067230.D
Acq: 12 Oct 2020 13:30

Tgt Ion: 95 Resp: 285477
Ion Ratio Lower Upper
95 100
174 86.5 0.0 167.6
176 82.8 0.0 162.4

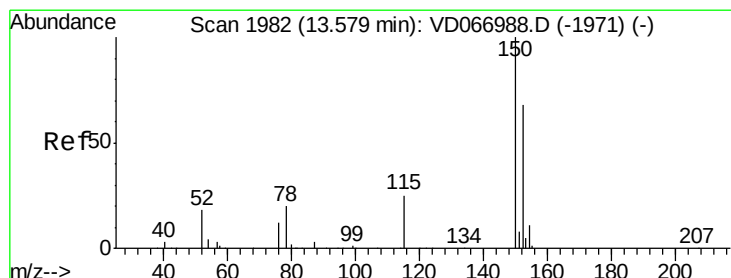
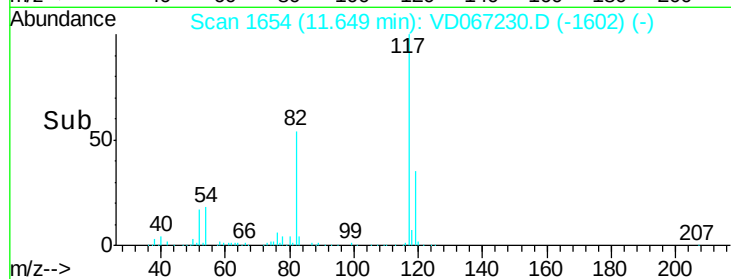
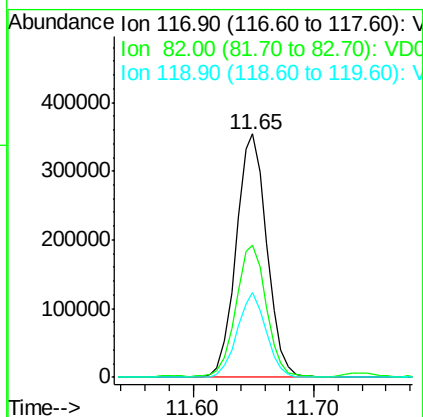
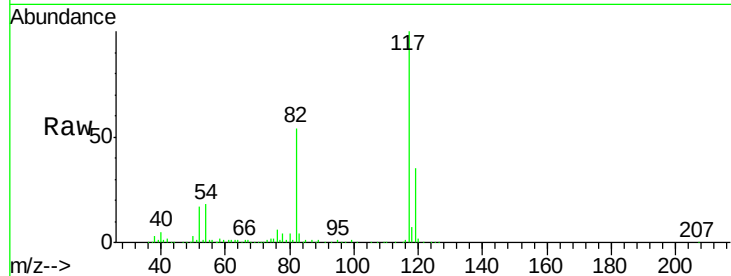




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067230.D
Acq: 12 Oct 2020 13:30

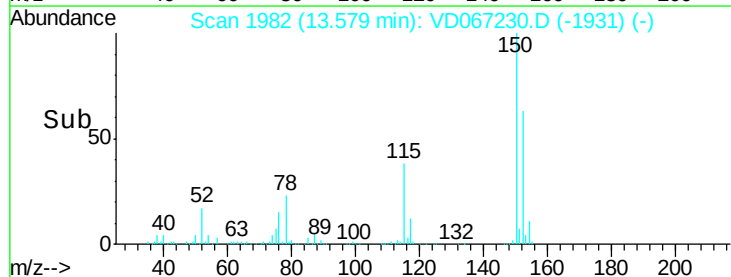
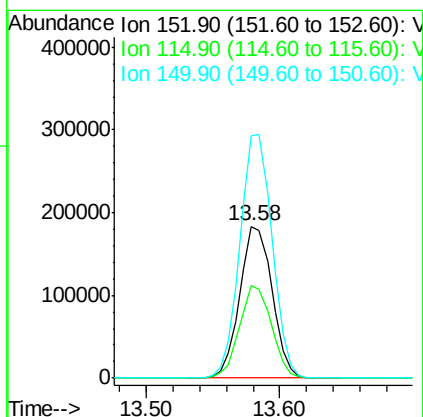
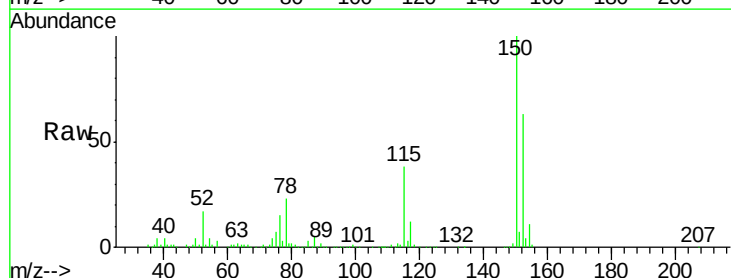
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MSVOA_D
ClientSampleId :
STOCK-PILE

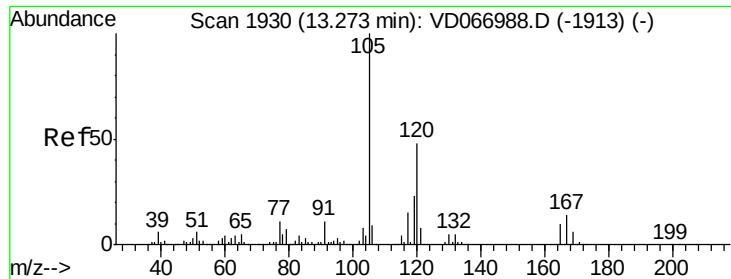
Tot Ion:117 Resp: 626052
Ion Ratio Lower Upper
117 100
82 53.8 42.6 63.8
119 34.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067230.D
Acq: 12 Oct 2020 13:30

Tgt Ion:152 Resp: 307207
Ion Ratio Lower Upper
152 100
115 60.5 29.6 88.8
150 160.2 0.0 344.8





#84
 1,2,4-Trimethylbenzene
 Concen: 2.491 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067230.D
 Acq: 12 Oct 2020 13:30

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE

Tot Ion:105 Resp: 43808
 Ion Ratio Lower Upper
 105 100
 120 50.5 23.3 69.8

