

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\
 Data File : VD063723.D
 Acq On : 21 Aug 2019 19:55
 Operator : JC/SY
 Sample : K4421-04
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-6-7.5-8.0

Quant Time: Aug 22 02:09:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

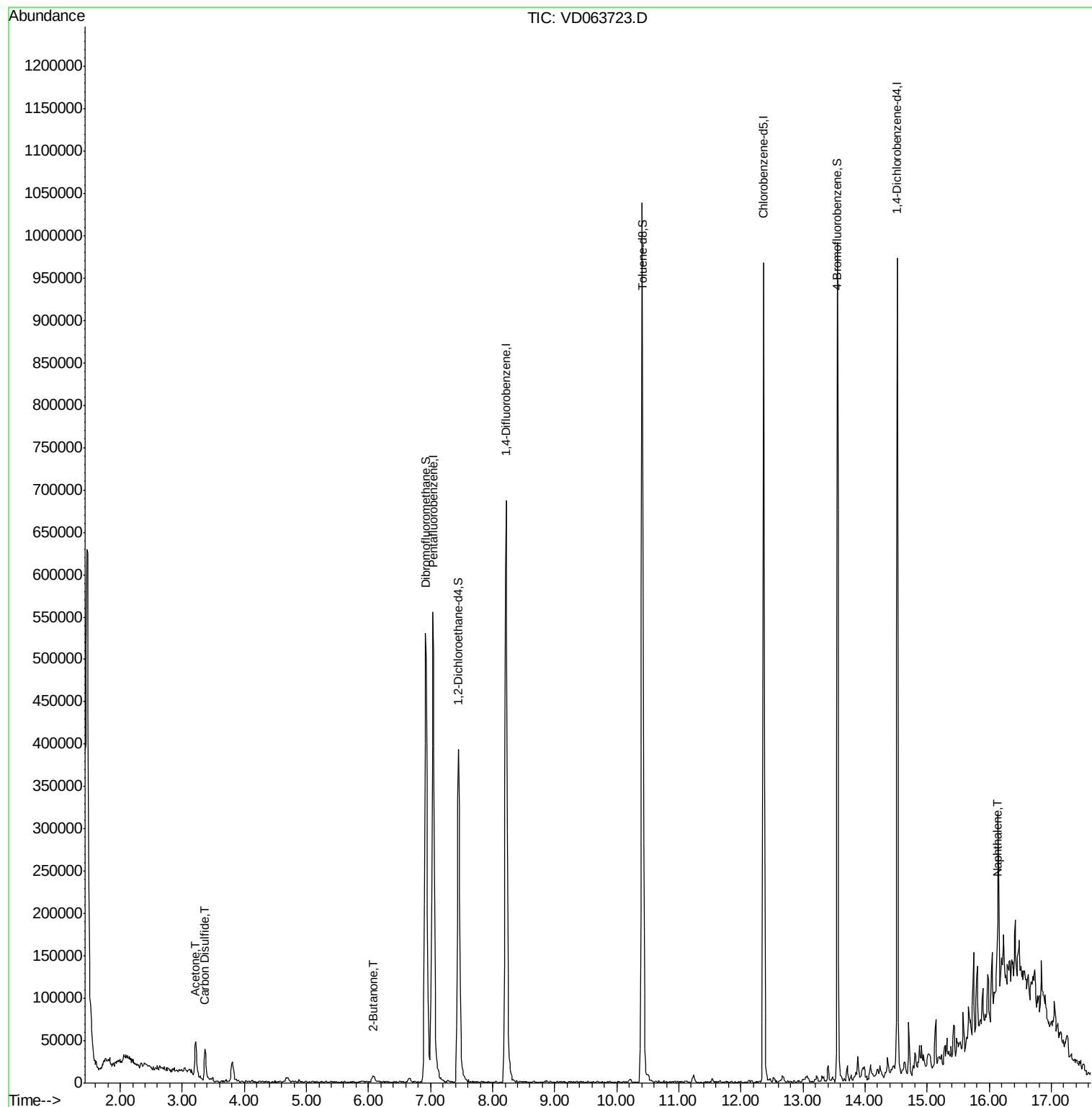
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	544899	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	766180	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	565632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	192087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	440439	75.62	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	151.24%	
35) Dibromofluoromethane	6.92	113	474056	73.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	146.92%	
50) Toluene-d8	10.41	98	866031	61.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.08%	
62) 4-Bromofluorobenzene	13.55	95	259007	40.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.56%	
Target Compounds						
16) Acetone	3.22	43	84191	71.106	ug/l	97
17) Carbon Disulfide	3.36	76	64082	4.612	ug/l	98
25) 2-Butanone	6.07	43	16736	14.312	ug/l #	90
95) Naphthalene	16.12	128	31477	5.508	ug/l #	92

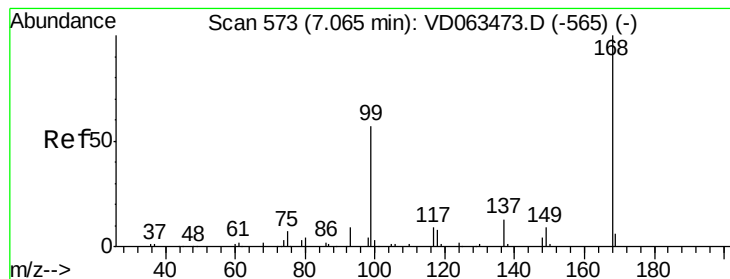
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

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Acq: 21 Aug 2019 19:55

Instrument :

MSVOA_D

ClientSampleId :

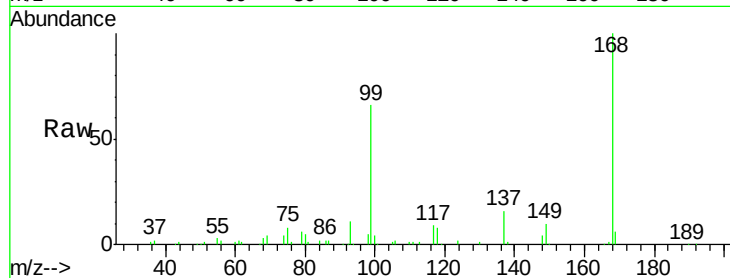
SUNSET-PARK-SB-6-7.5-8.0

Tot Ion:168 Resp: 544899

Ion Ratio Lower Upper

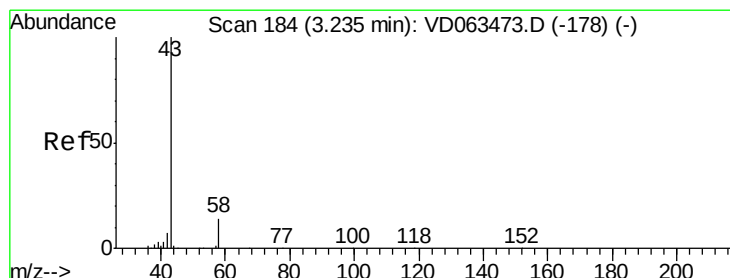
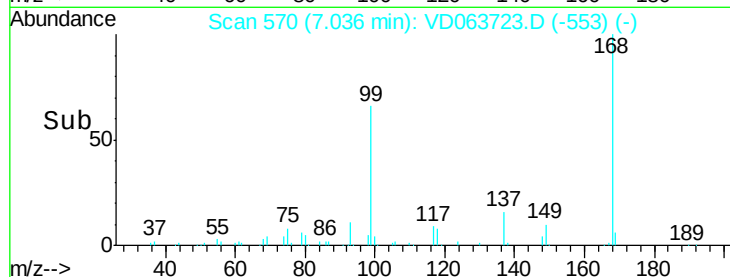
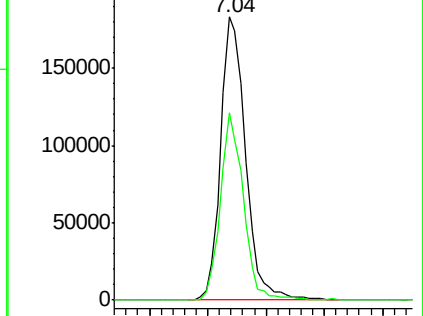
168 100

99 66.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 71.106 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063723.D

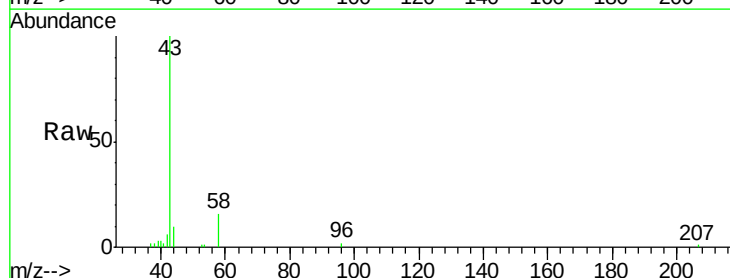
Acq: 21 Aug 2019 19:55

Tgt Ion: 43 Resp: 84191

Ion Ratio Lower Upper

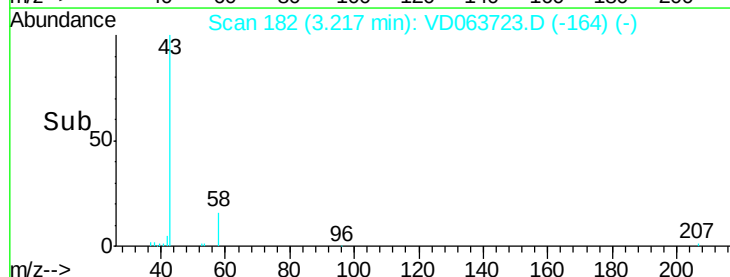
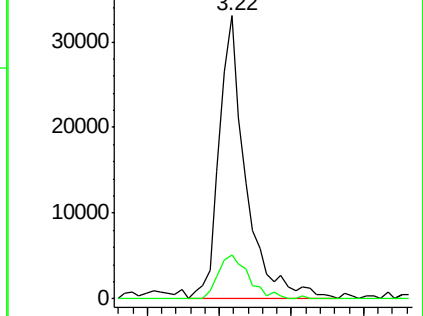
43 100

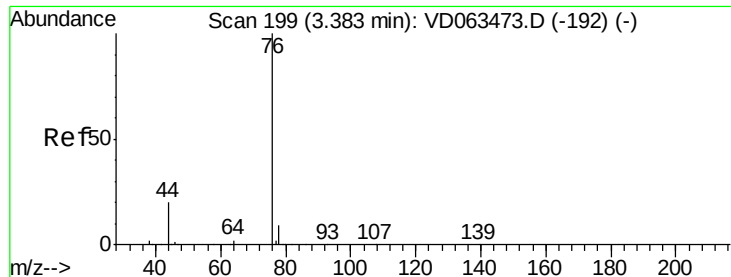
58 15.6 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 4.612 ug/l

RT: 3.36 min Scan# 197

Delta R.T. -0.02 min

Lab File: VD063723.D

Acq: 21 Aug 2019 19:55

Instrument :

MSVOA_D

ClientSampleId :

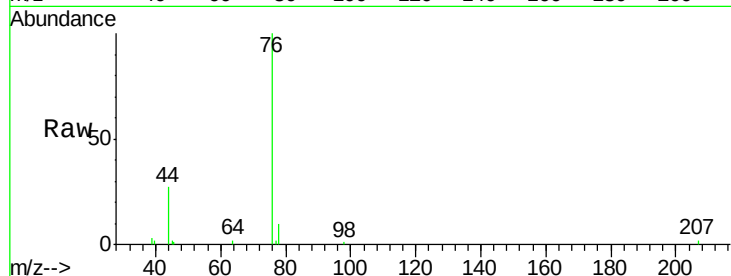
SUNSET-PARK-SB-6-7.5-8.0

Tot Ion: 76 Resp: 64082

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.36

25000

20000

15000

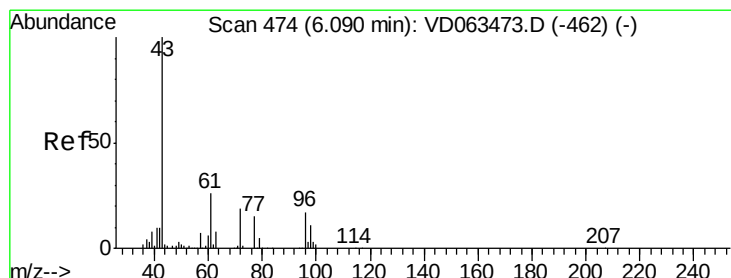
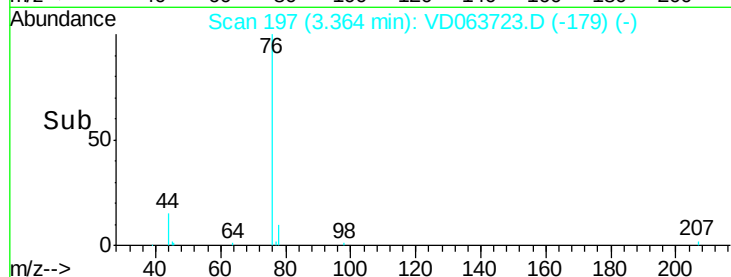
10000

5000

0

Time-->

3.30 3.40 3.50



#25

2-Butanone

Concen: 14.312 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.02 min

Lab File: VD063723.D

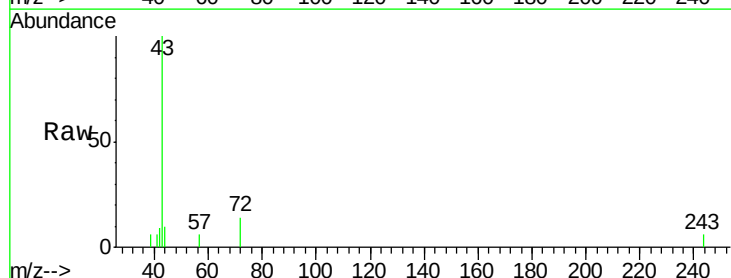
Acq: 21 Aug 2019 19:55

Tgt Ion: 43 Resp: 16736

Ion Ratio Lower Upper

43 100

72 14.5 15.1 22.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.07

6000

5000

4000

3000

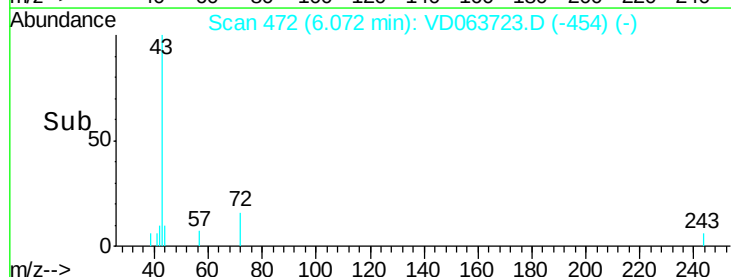
2000

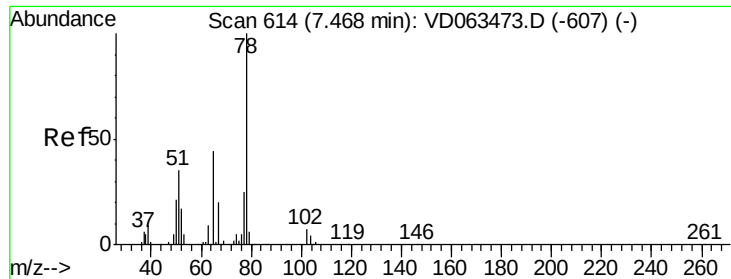
1000

0

Time-->

6.00 6.10 6.20

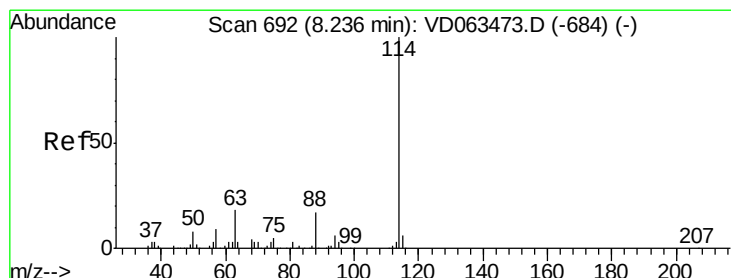
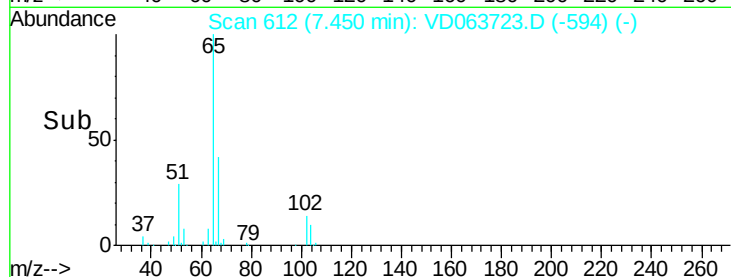
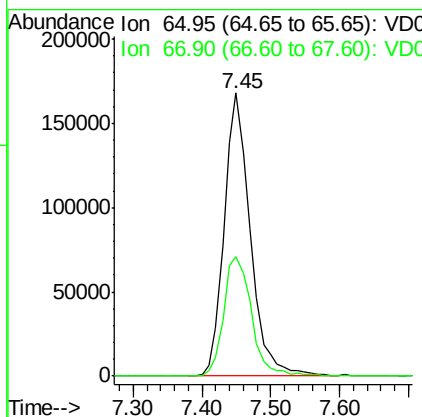
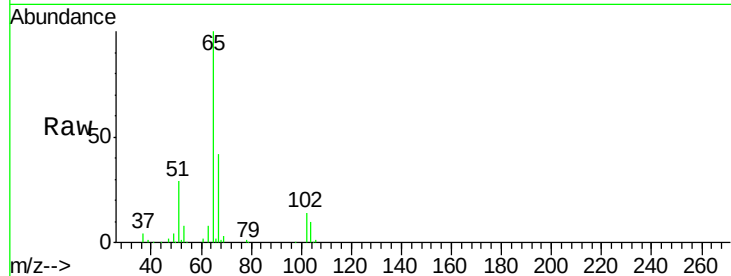




#33
 1,2-Dichloroethane-d4
 Concen: 75.618 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063723.D
 Acq: 21 Aug 2019 19:55

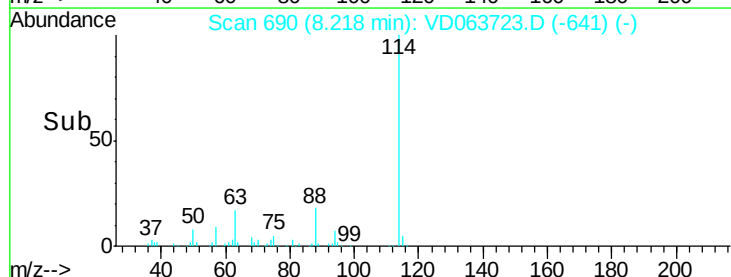
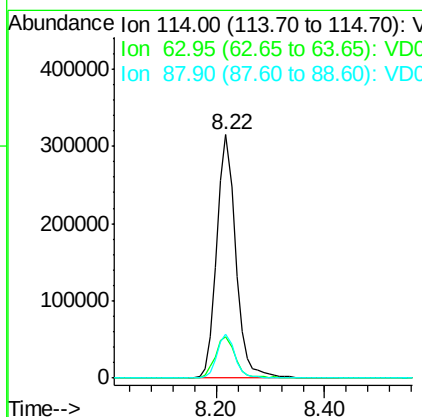
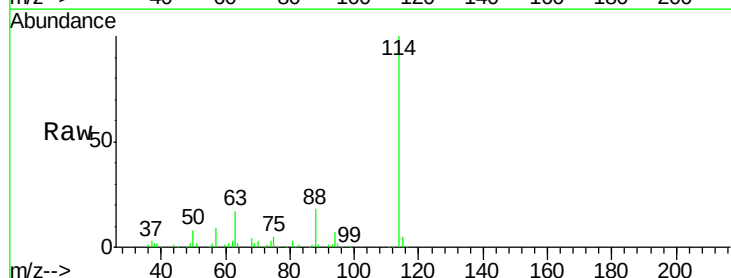
Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-6-7.5-8.0

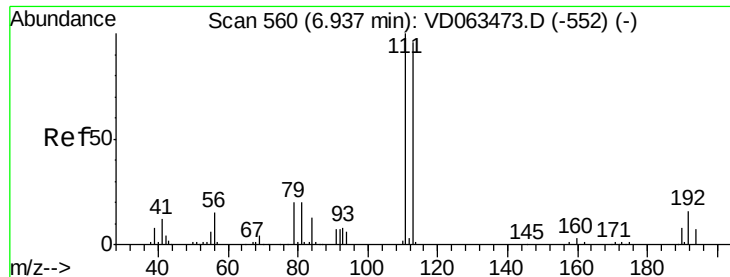
Tot Ion: 65 Resp: 440439
 Ion Ratio Lower Upper
 65 100
 67 42.5 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063723.D
 Acq: 21 Aug 2019 19:55

Tgt Ion: 114 Resp: 766180
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.2
 88 17.8 0.0 35.0

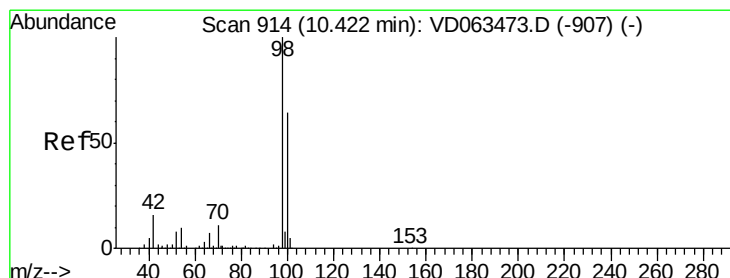
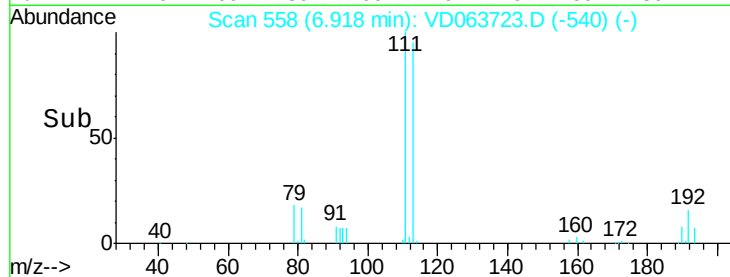
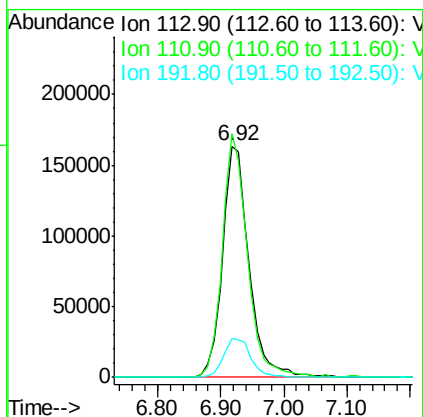
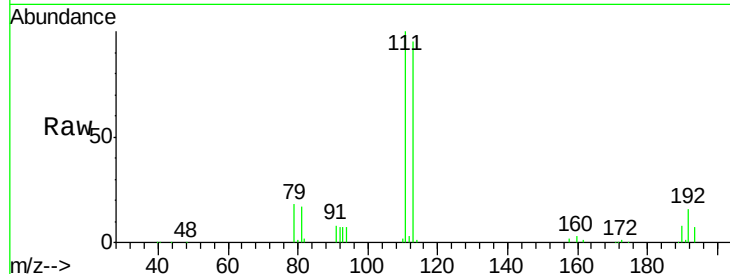




#35
 Dibromofluoromethane
 Concen: 73.465 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063723.D
 Acq: 21 Aug 2019 19:55

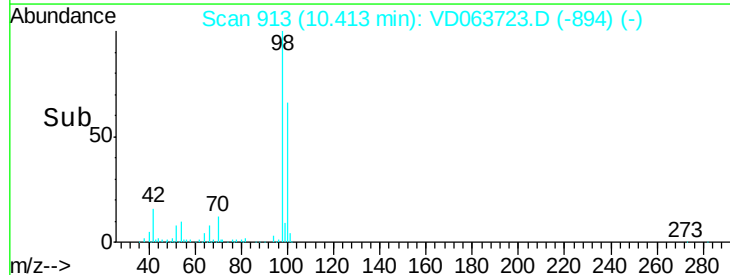
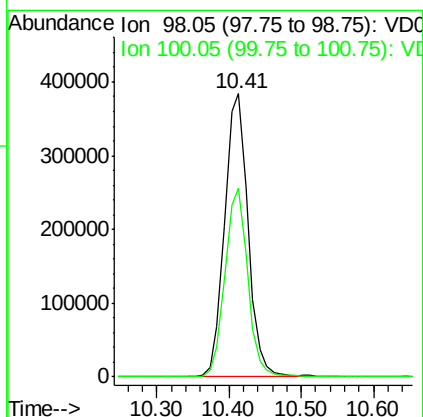
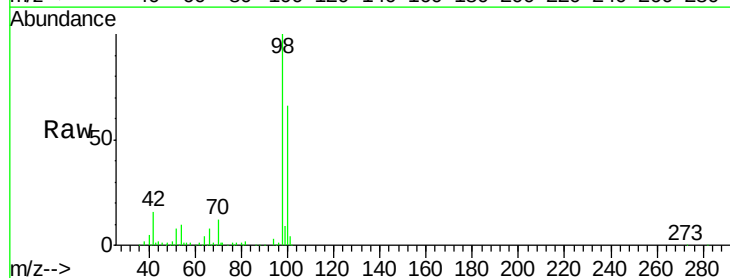
Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-6-7.5-8.0

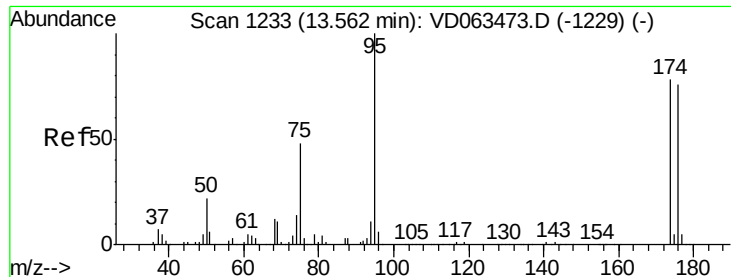
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.1	124.7
192	16.6	13.1	19.7



#50
 Toluene-d8
 Concen: 61.045 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD063723.D
 Acq: 21 Aug 2019 19:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.7	77.5

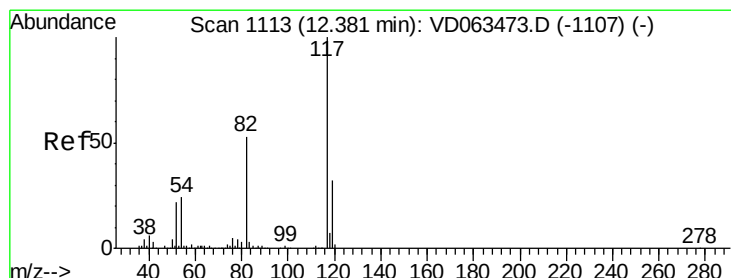
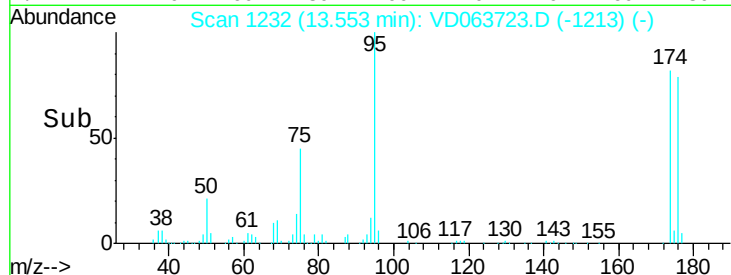
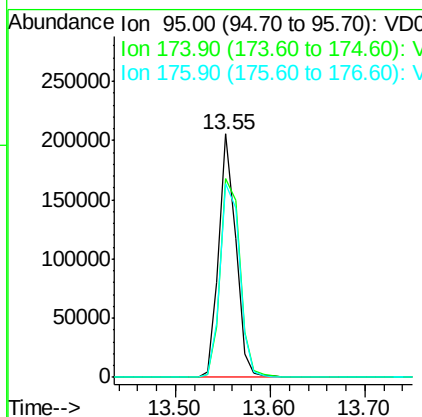
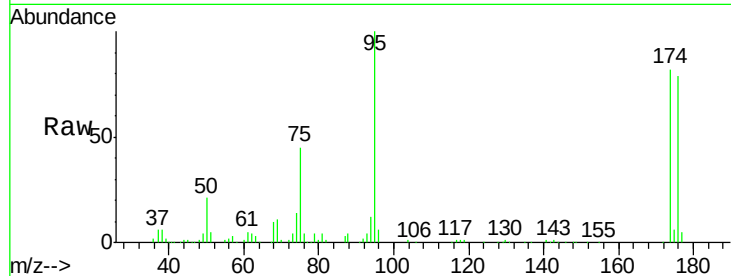




#62
4-Bromofluorobenzene
Concen: 40.281 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063723.D
Acq: 21 Aug 2019 19:55

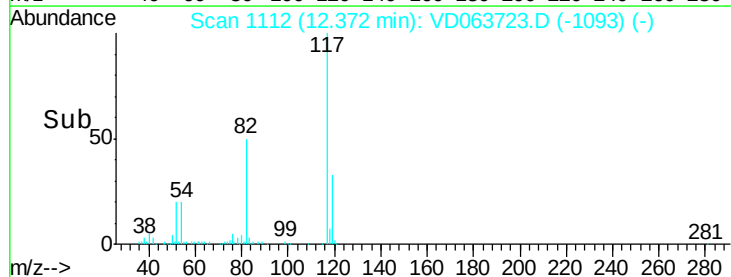
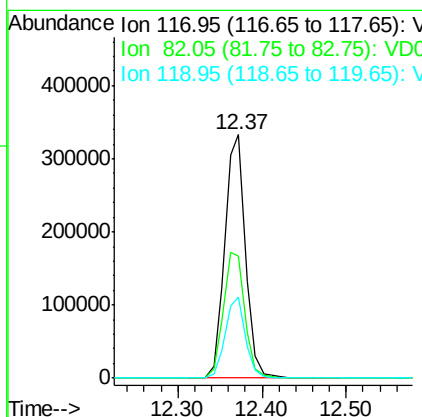
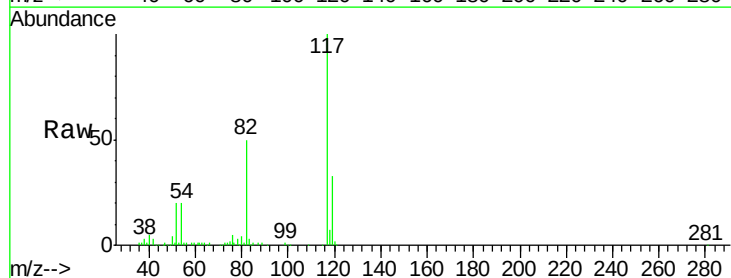
Instrument :
MSVOA_D
ClientSampleId :
SUNSET-PARK-SB-6-7.5-8.0

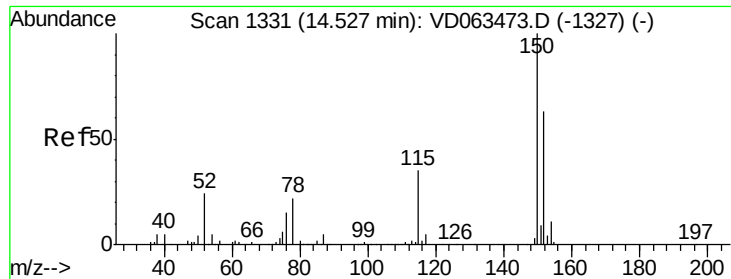
Tot Ion: 95 Resp: 259007
Ion Ratio Lower Upper
95 100
174 81.6 0.0 155.4
176 79.5 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063723.D
Acq: 21 Aug 2019 19:55

Tgt Ion: 117 Resp: 565632
Ion Ratio Lower Upper
117 100
82 49.9 42.0 63.0
119 33.1 25.4 38.0



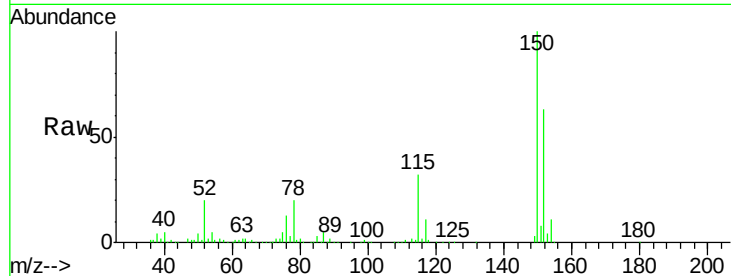


#72

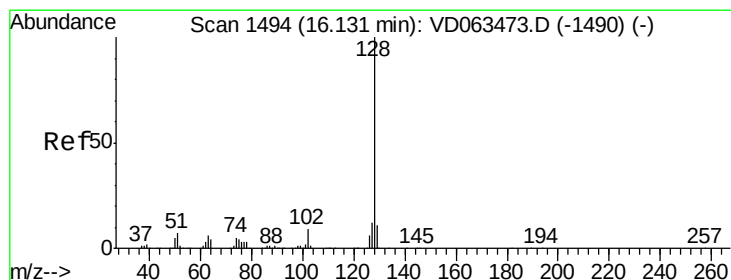
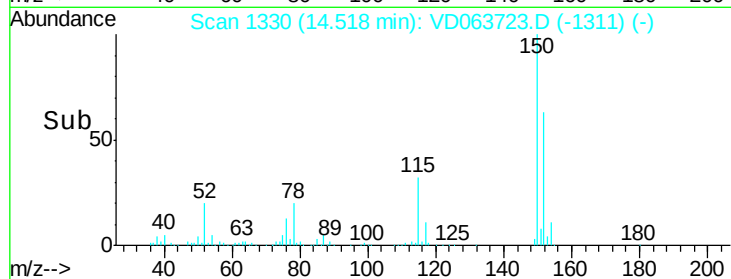
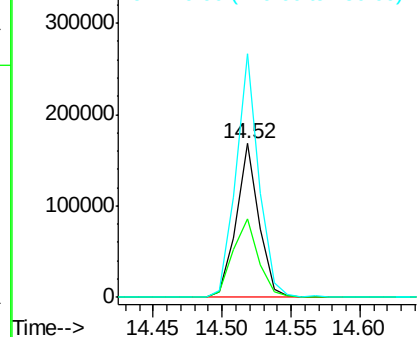
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063723.D
Acq: 21 Aug 2019 19:55

Instrument :
MSVOA_D
ClientSampleId :
SUNSET-PARK-SB-6-7.5-8.0

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.5	30.9	92.7
150	158.6	0.0	318.6



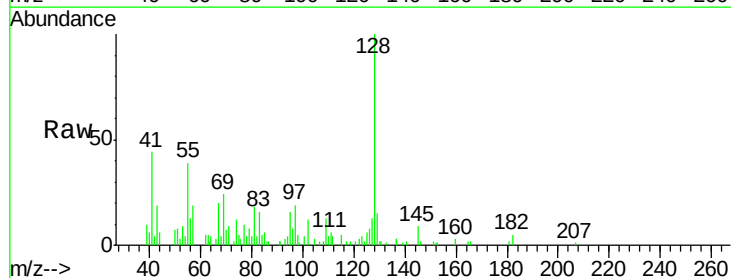
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 5.508 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD063723.D
Acq: 21 Aug 2019 19:55

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.4	14.0
129	15.4	8.5	12.7#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

