

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063774.D
 Acq On : 23 Aug 2019 18:49
 Operator : JC/SY
 Sample : k4462-01RE
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-46-9.5-10.0RE

Quant Time: Aug 26 11:42:51 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

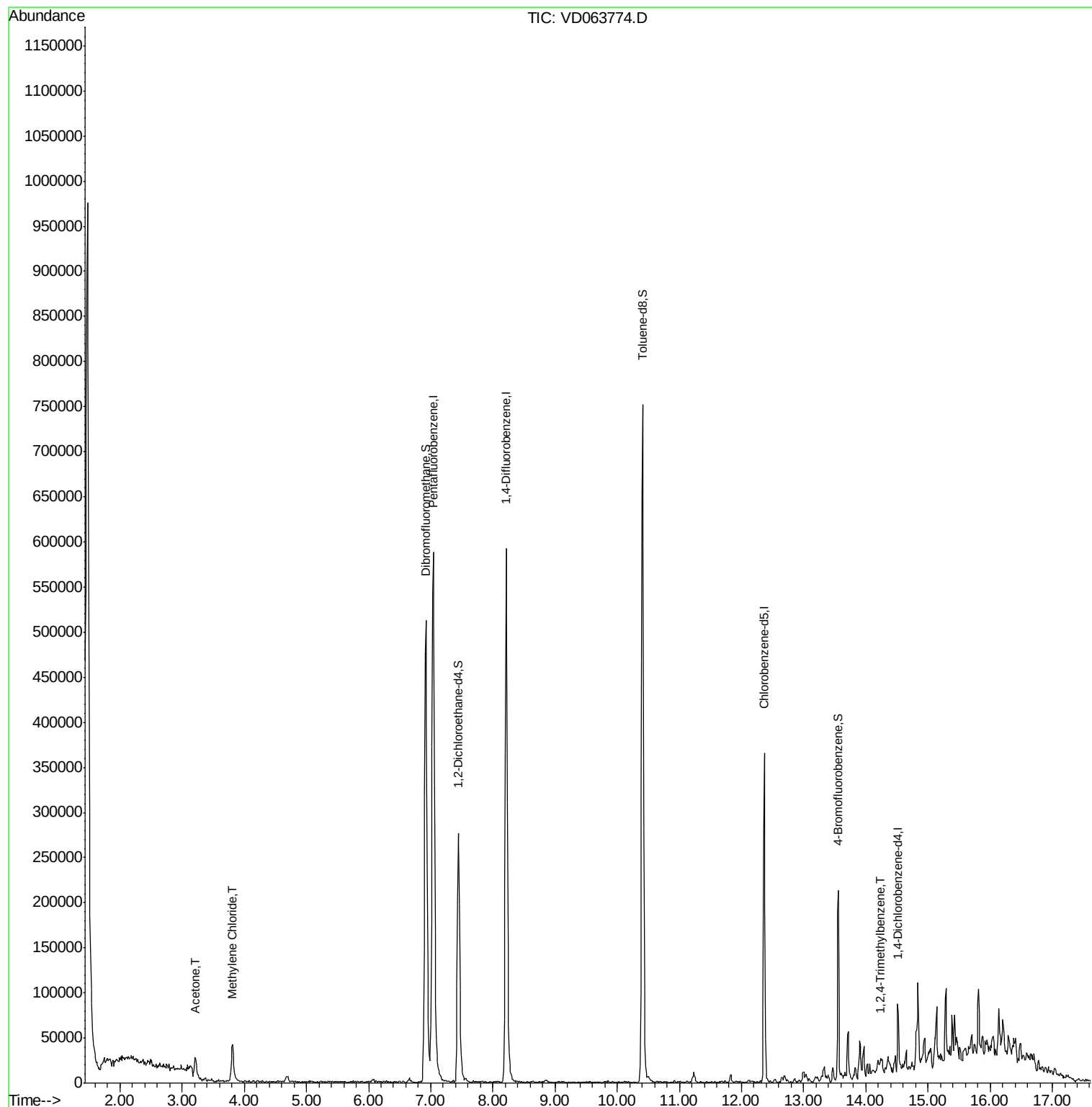
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	605100	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	632344	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	201998	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	16523	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	336571	52.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.08%	
35) Dibromofluoromethane	6.92	113	444029	83.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	166.76%	
50) Toluene-d8	10.41	98	620120	52.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	13.56	95	64636	12.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	24.36%	
Target Compounds						
16) Acetone	3.21	43	53425	40.633	ug/l #	93
20) Methylene Chloride	3.81	84	27058	4.759	ug/l #	84
84) 1,2,4-Trimethylbenzene	14.24	105	2429	2.859	ug/l	81

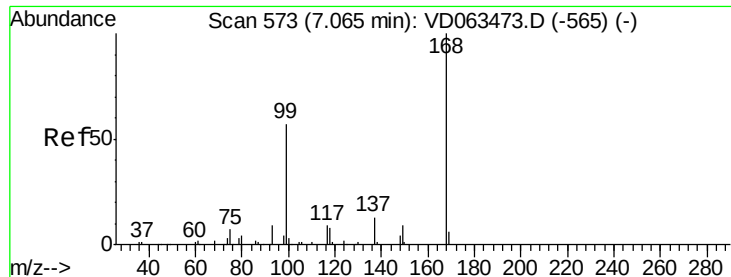
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082319\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

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MSVOA_D

ClientSampleId :

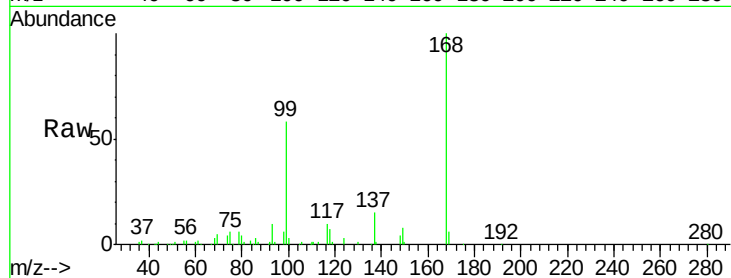
SB-46-9.5-10.0RE

Tot Ion:168 Resp: 605100

Ion Ratio Lower Upper

168 100

99 58.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

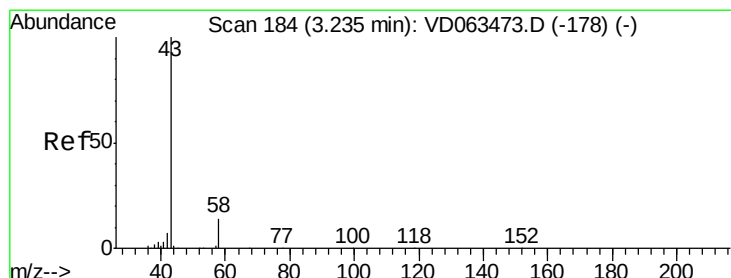
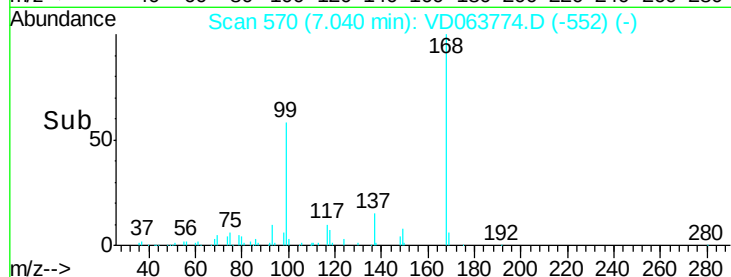
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 40.633 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063774.D

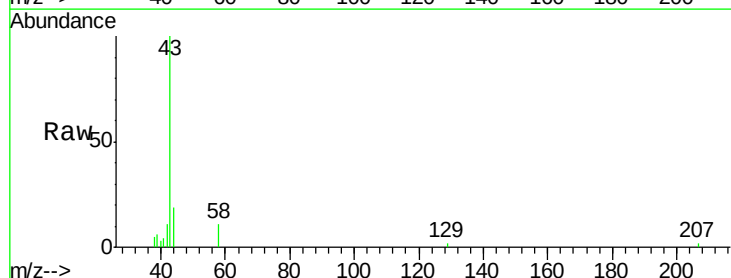
Acq: 23 Aug 2019 18:49

Tgt Ion: 43 Resp: 53425

Ion Ratio Lower Upper

43 100

58 11.3 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

20000

15000

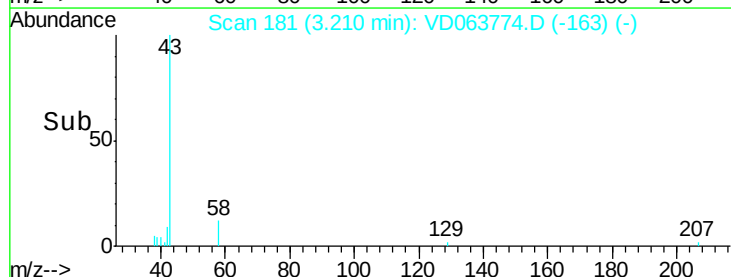
10000

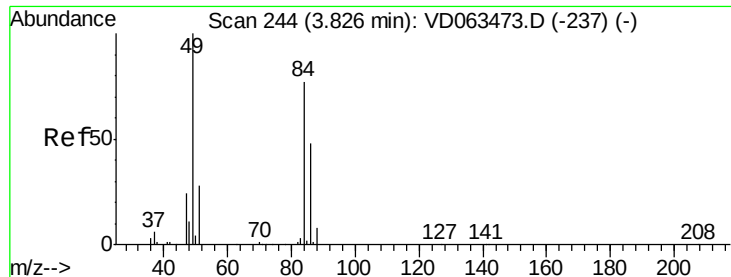
5000

0

Time-->

3.10 3.20 3.30 3.40

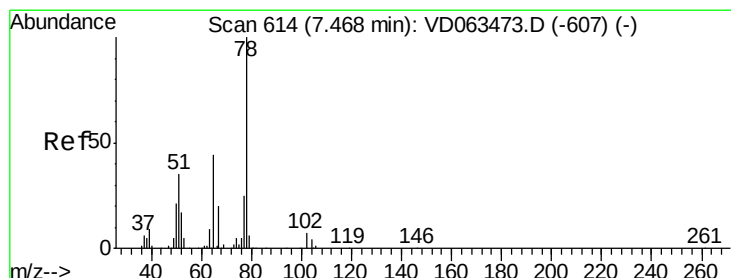
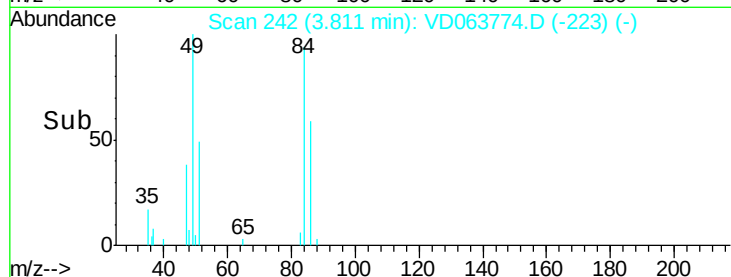
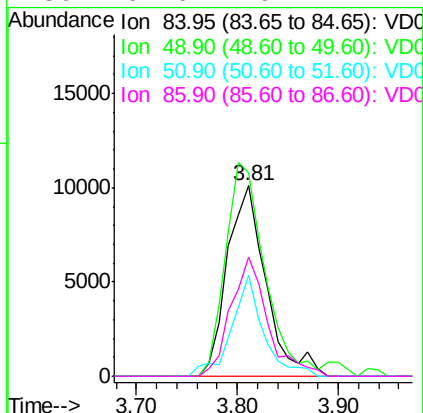
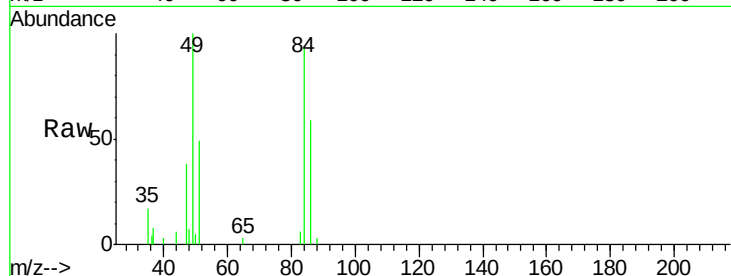




#20
Methylene Chloride
Concen: 4.759 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063774.D
Acq: 23 Aug 2019 18:49

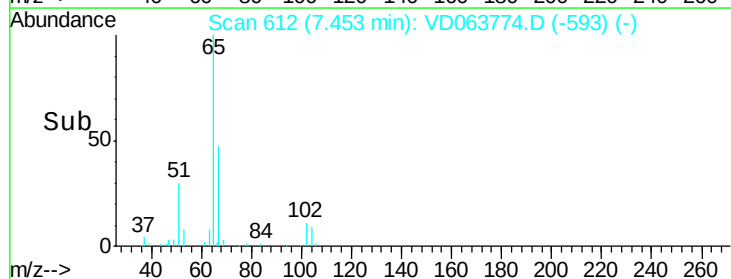
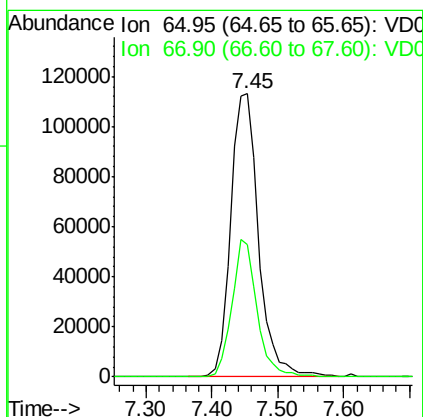
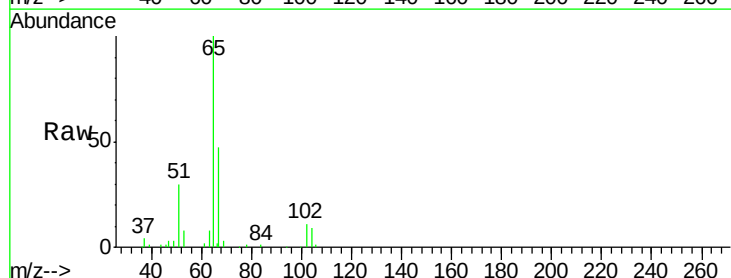
Instrument :
MSVOA_D
ClientSampleId :
SB-46-9.5-10.0RE

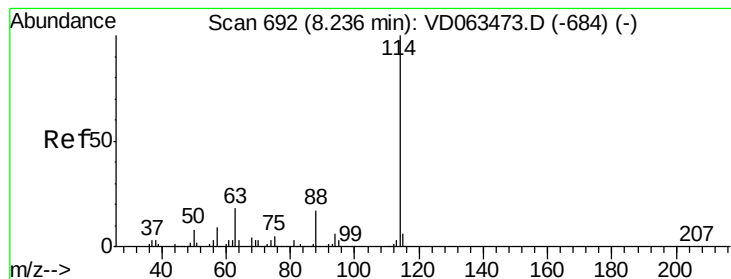
Tot Ion	84	Resp	27058
Ion	Ratio	Lower	Upper
84	100		
49	106.8	103.4	155.2
51	52.8	28.5	42.7
86	62.6	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 52.036 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063774.D
Acq: 23 Aug 2019 18:49

Tgt Ion	65	Resp	336571
Ion	Ratio	Lower	Upper
65	100		
67	46.9	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063774.D

Acq: 23 Aug 2019 18:49

Instrument :

MSVOA_D

ClientSampleId :

SB-46-9.5-10.0RE

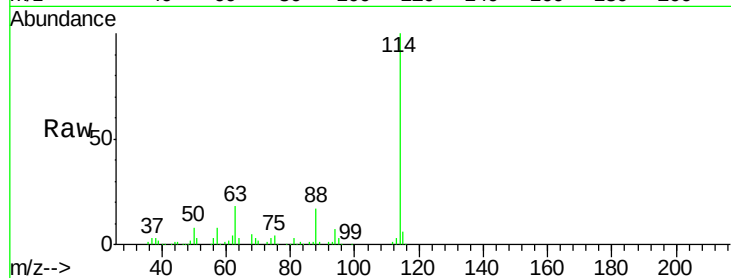
Tot Ion:114 Resp: 632344

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

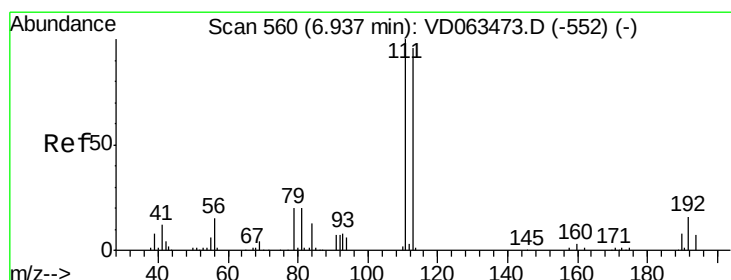
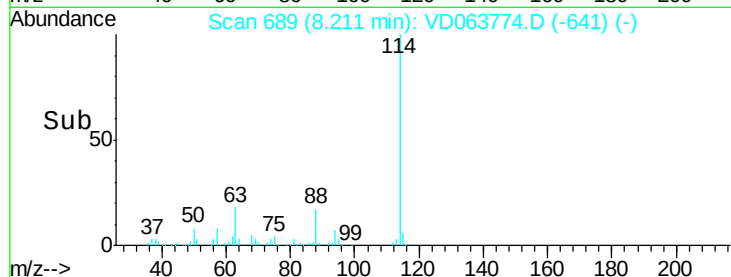
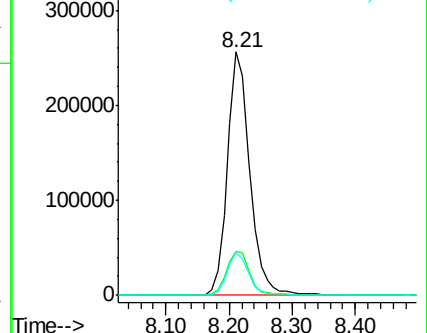
88 17.5 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 83.376 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063774.D

Acq: 23 Aug 2019 18:49

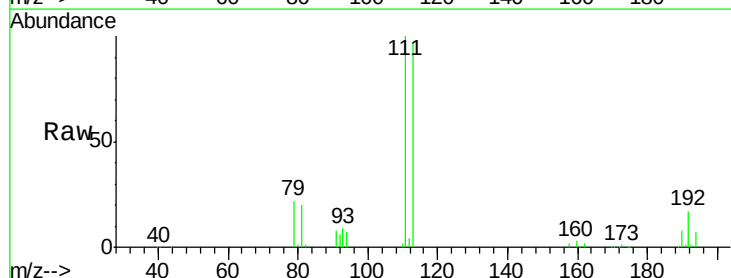
Tgt Ion:113 Resp: 444029

Ion Ratio Lower Upper

113 100

111 103.1 83.1 124.7

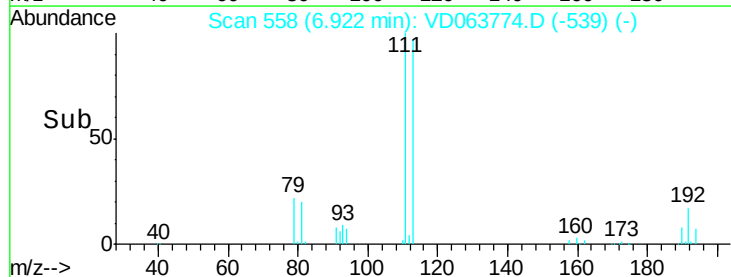
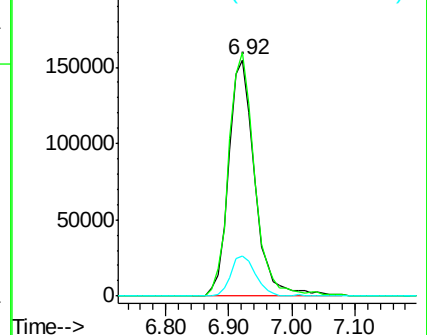
192 17.2 13.1 19.7

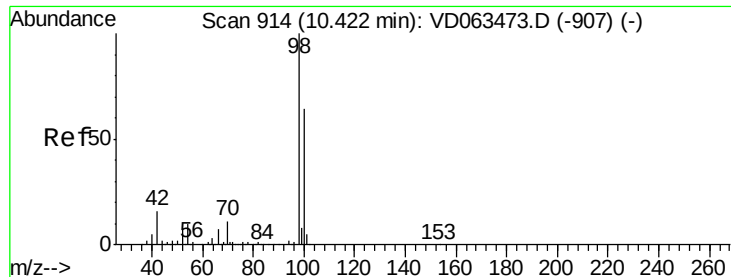


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

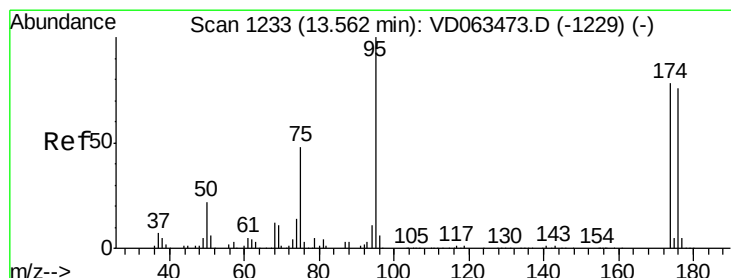
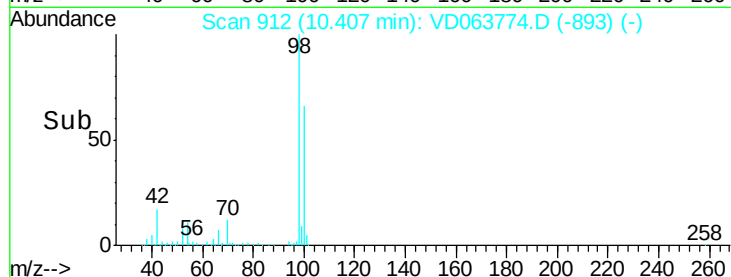
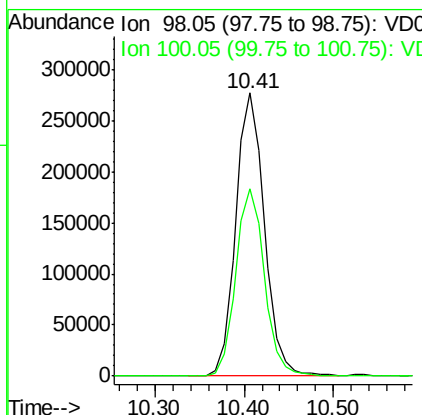
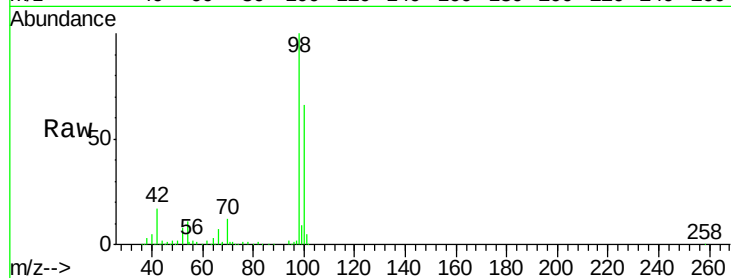




#50
Toluene-d8
Concen: 52.962 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063774.D
Acq: 23 Aug 2019 18:49

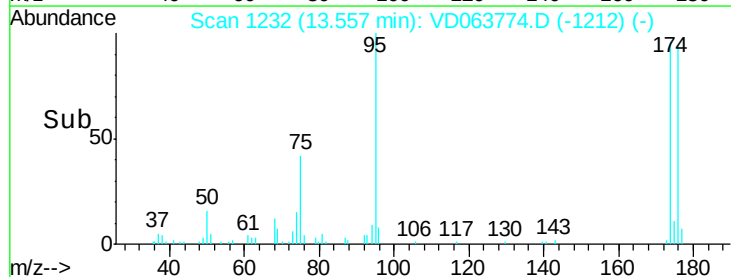
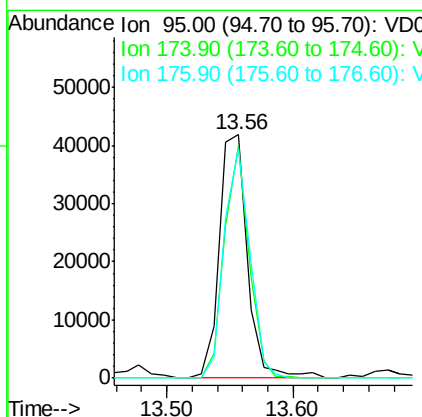
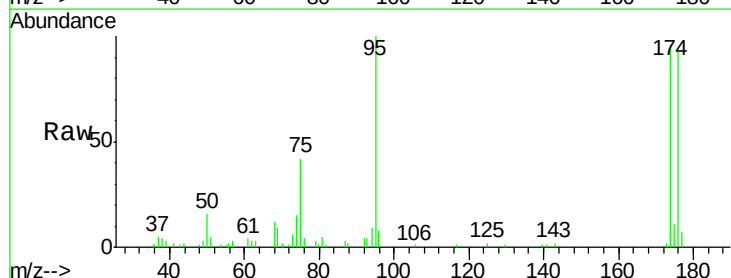
Instrument :
MSVOA_D
ClientSampleId :
SB-46-9.5-10.0RE

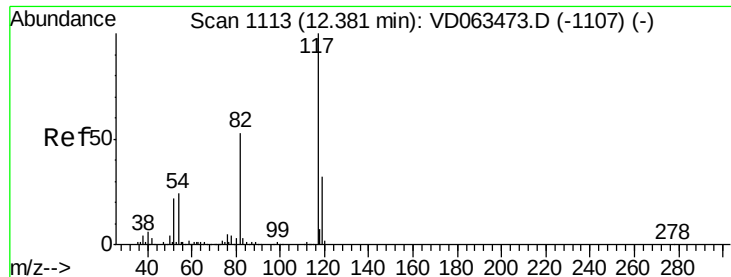
Tot Ion: 98 Resp: 620120
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 12.180 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063774.D
Acq: 23 Aug 2019 18:49

Tgt Ion: 95 Resp: 64636
Ion Ratio Lower Upper
95 100
174 95.5 0.0 155.4
176 94.4 0.0 152.4

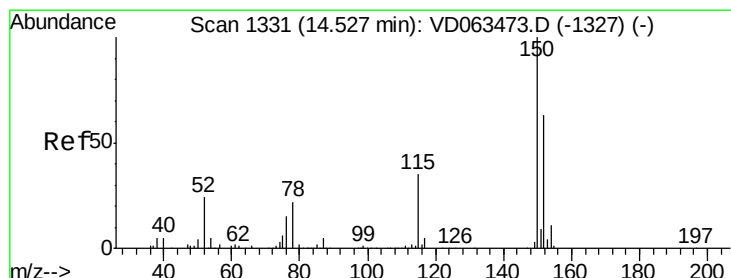
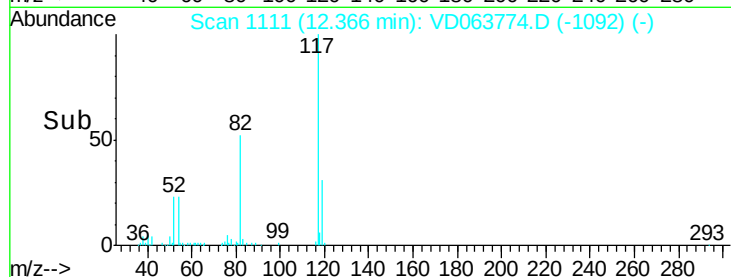
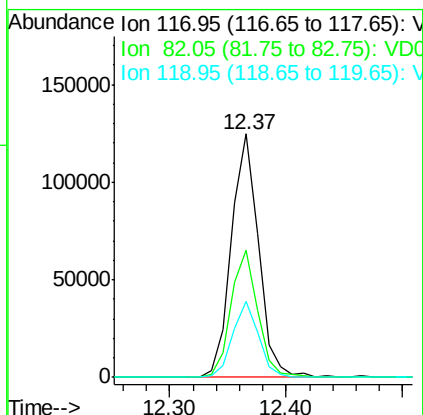
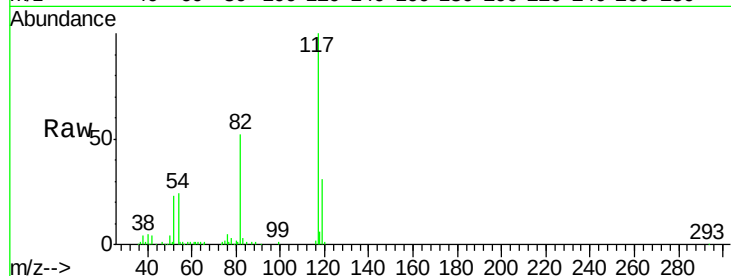




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063774.D
Acq: 23 Aug 2019 18:49

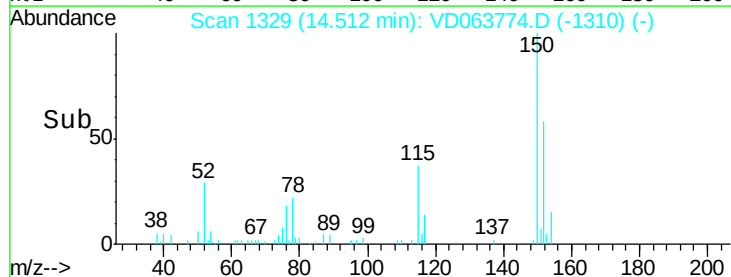
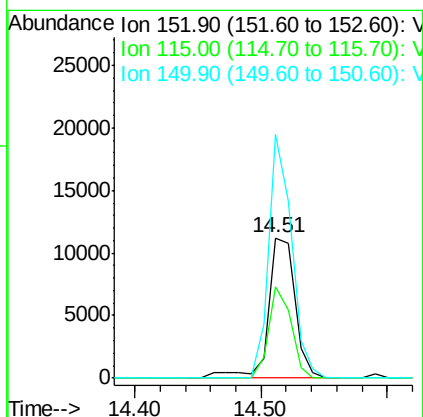
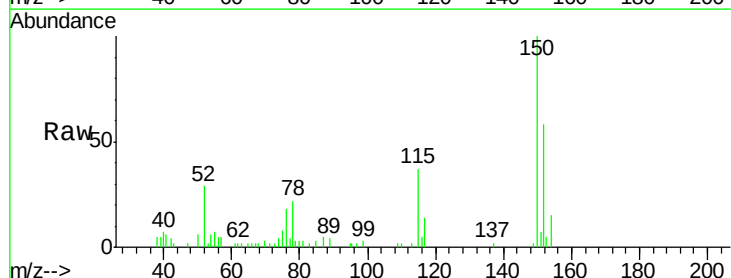
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ClientSampleId :
SB-46-9.5-10.0RE

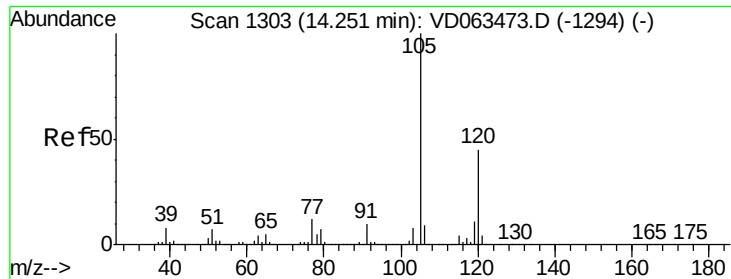
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.0	63.0
119	31.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063774.D
Acq: 23 Aug 2019 18:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	30.9	92.7
150	173.9	0.0	318.6





#84
 1,2,4-Trimethylbenzene
 Concen: 2.859 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: VD063774.D
 Acq: 23 Aug 2019 18:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-46-9.5-10.0RE

Tot Ion:105 Resp: 2429
 Ion Ratio Lower Upper
 105 100
 120 57.7 22.7 68.1

