

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063613.D
 Acq On : 15 Aug 2019 18:43
 Operator : JC/SY
 Sample : K4356-07
 Misc : 1.99g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Aug 16 01:17:53 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

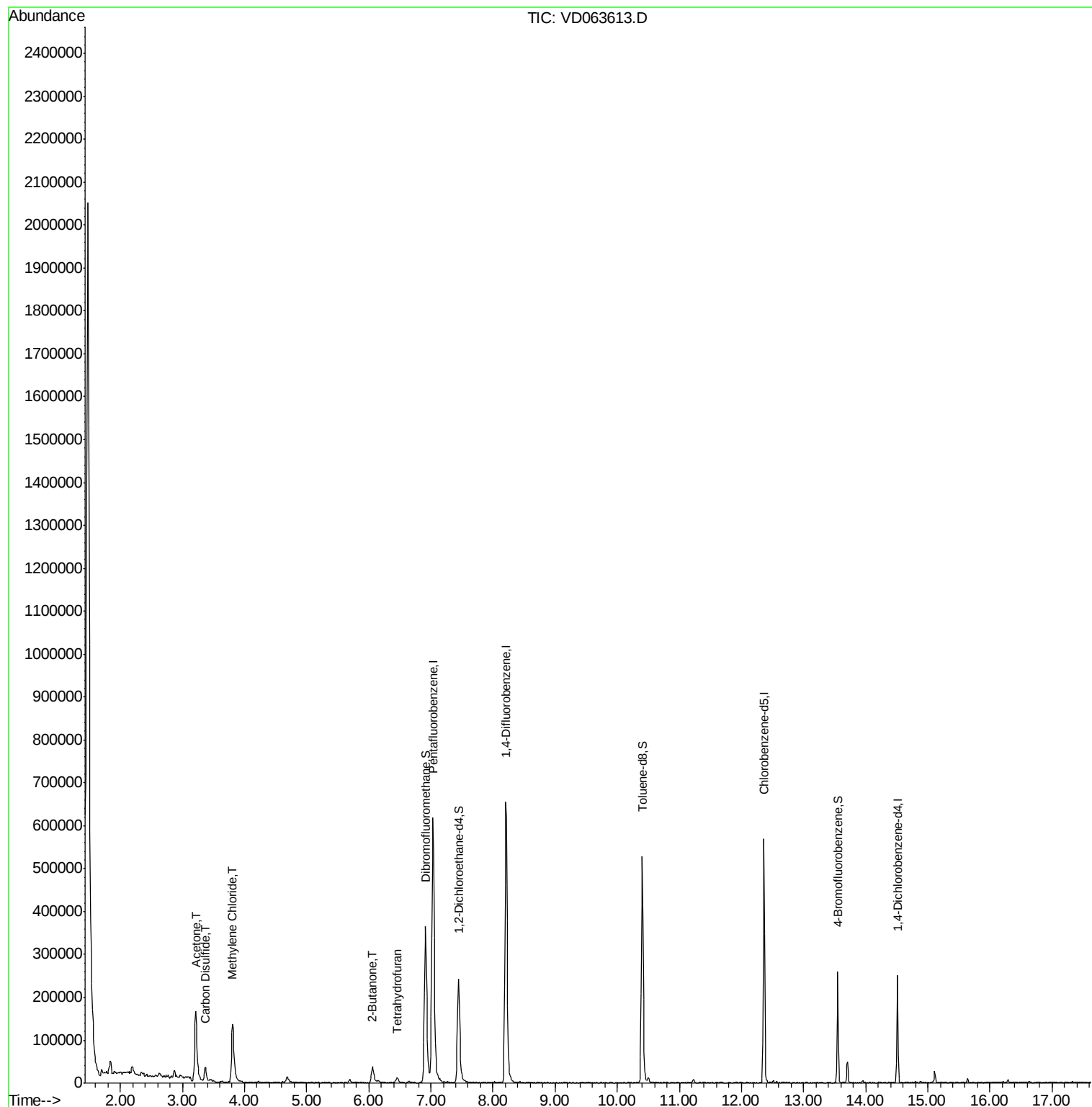
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	616150	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	718126	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	295391	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	58367	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	289951	44.02	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.04%	
35) Dibromofluoromethane	6.92	113	318343	52.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.40	98	418685	31.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	62.98%	
62) 4-Bromofluorobenzene	13.55	95	64604	10.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	21.44%	
Target Compounds						
16) Acetone	3.22	43	316812	236.632	ug/l	98
17) Carbon Disulfide	3.36	76	62036	3.948	ug/l	100
20) Methylene Chloride	3.81	84	86836	14.999	ug/l #	84
25) 2-Butanone	6.07	43	76386	57.768	ug/l	92
29) Tetrahydrofuran	6.44	42	10469	16.991	ug/l #	84

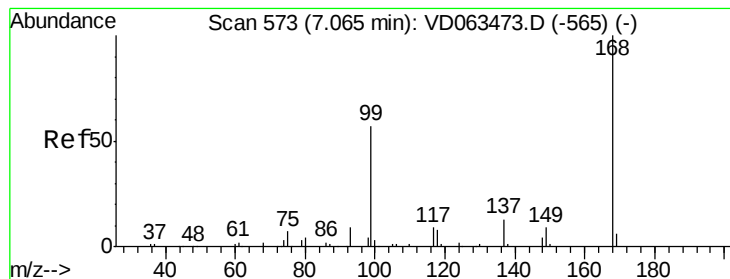
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081519\
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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: 7.03 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063613.D

Acq: 15 Aug 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

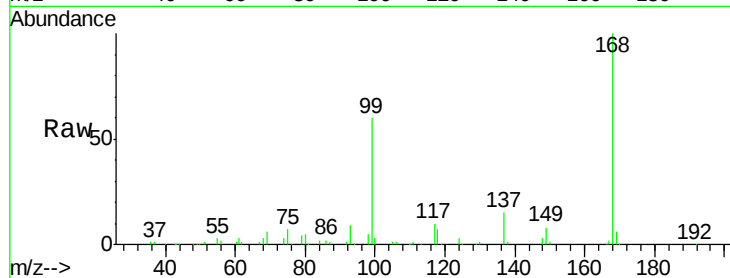
TP-4

Tot Ion:168 Resp: 616150

Ion Ratio Lower Upper

168 100

99 60.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

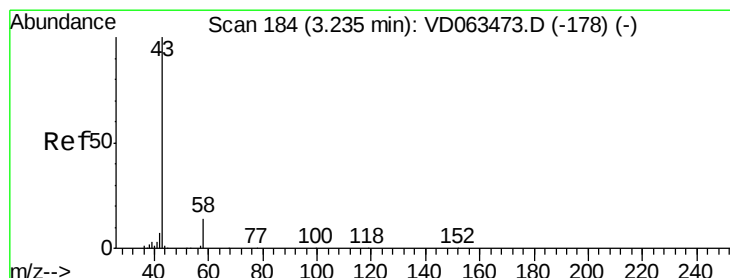
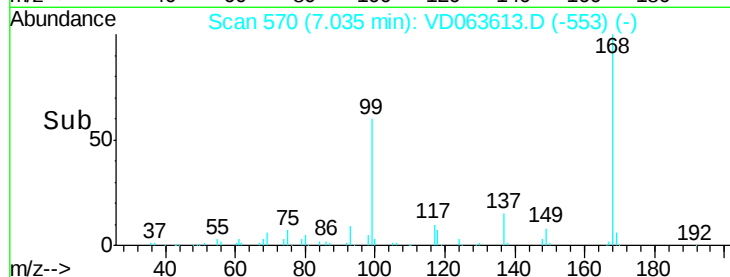
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 236.632 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063613.D

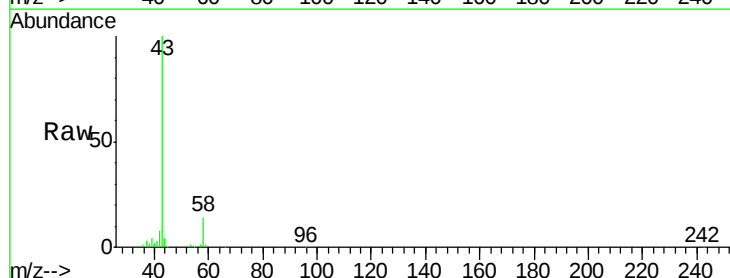
Acq: 15 Aug 2019 18:43

Tgt Ion: 43 Resp: 316812

Ion Ratio Lower Upper

43 100

58 13.5 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

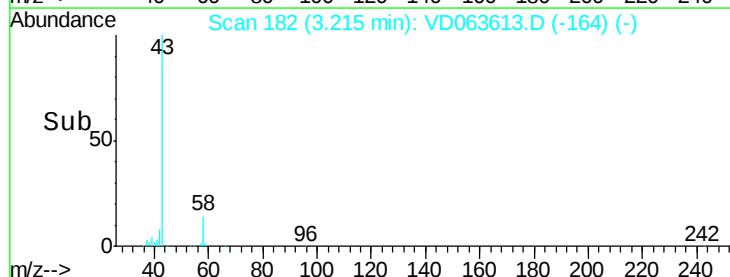
3.22

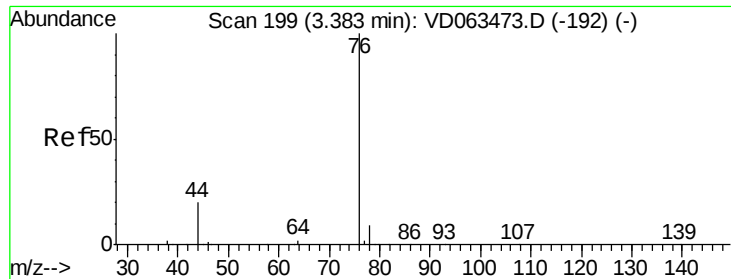
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50000

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Time-->

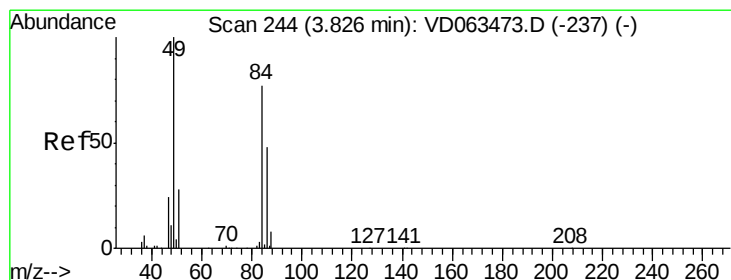
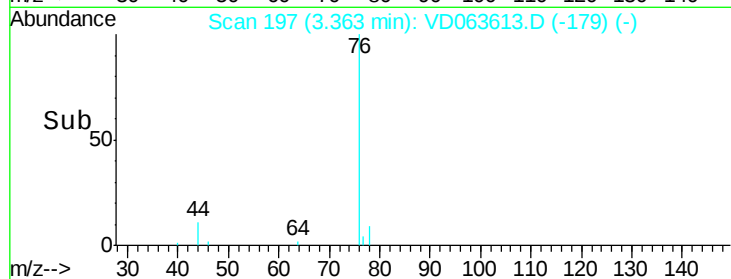
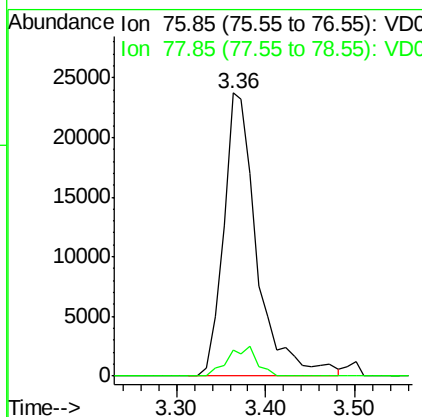
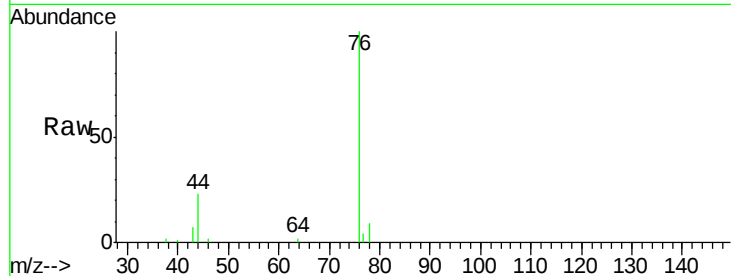




#17
Carbon Disulfide
Concen: 3.948 ug/l
RT: 3.36 min Scan# 197
Delta R.T. -0.02 min
Lab File: VD063613.D
Acq: 15 Aug 2019 18:43

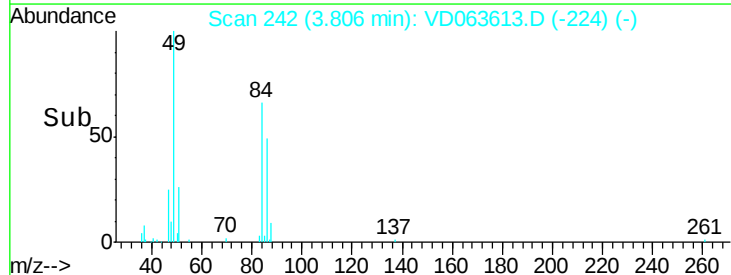
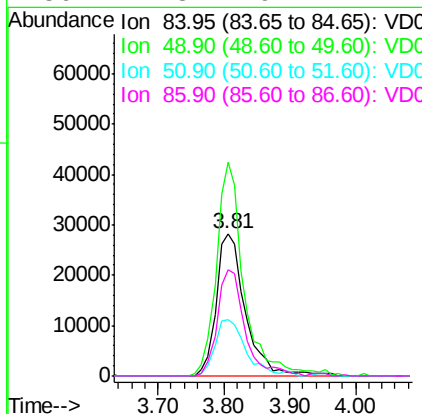
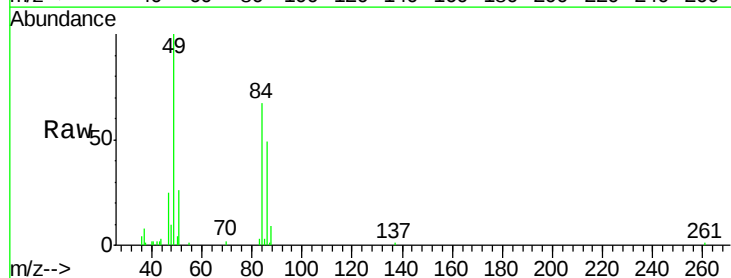
Instrument :
MSVOA_D
ClientSampled :
TP-4

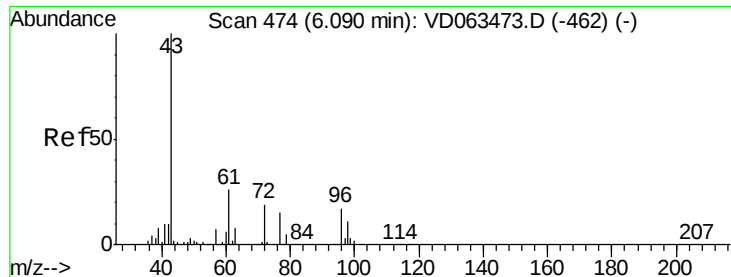
Tot Ion: 76 Resp: 62036
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#20
Methylene Chloride
Concen: 14.999 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063613.D
Acq: 15 Aug 2019 18:43

Tgt Ion: 84 Resp: 86836
Ion Ratio Lower Upper
84 100
49 150.1 103.4 155.2
51 39.6 28.5 42.7
86 74.3 49.4 74.2#





#25

2-Butanone

Concen: 57.768 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.02 min

Lab File: VD063613.D

Acq: 15 Aug 2019 18:43

Instrument :

MSVOA_D

ClientSampled :

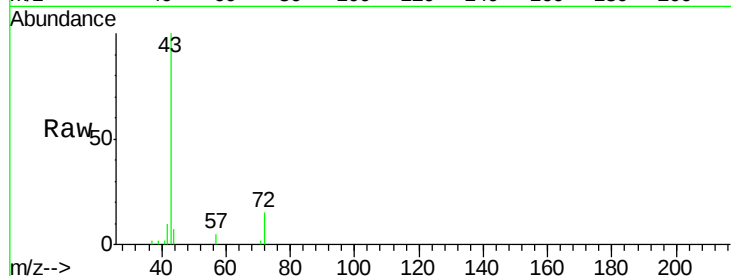
TP-4

Tot Ion: 43 Resp: 76386

Ion Ratio Lower Upper

43 100

72 15.5 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

25000

20000

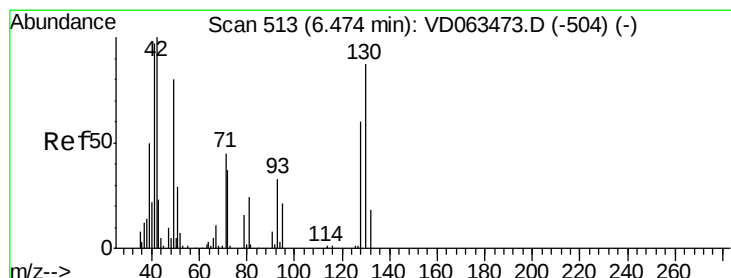
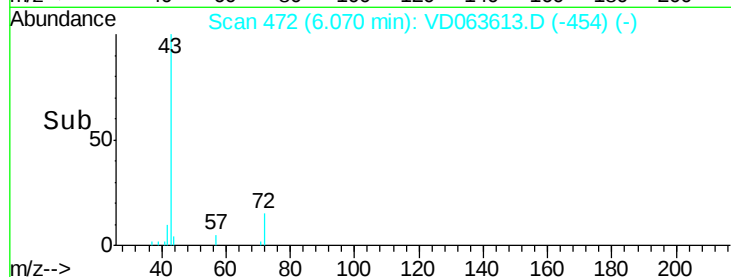
15000

10000

5000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#29

Tetrahydrofuran

Concen: 16.991 ug/l

RT: 6.44 min Scan# 510

Delta R.T. -0.03 min

Lab File: VD063613.D

Acq: 15 Aug 2019 18:43

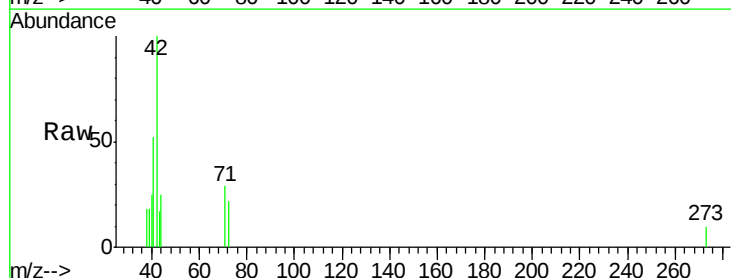
Tgt Ion: 42 Resp: 10469

Ion Ratio Lower Upper

42 100

72 21.3 31.5 47.3#

71 39.9 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

5000

4000

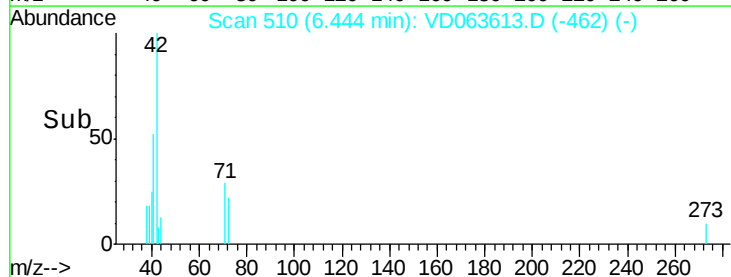
3000

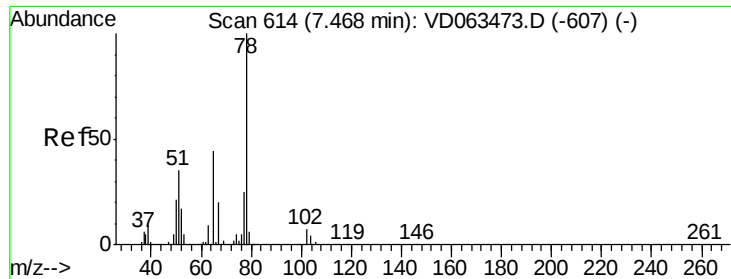
2000

1000

0

Time--> 6.40 6.50

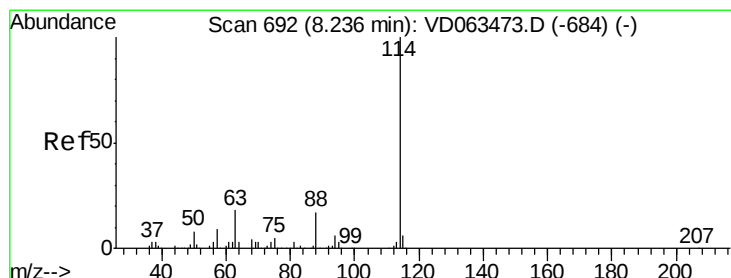
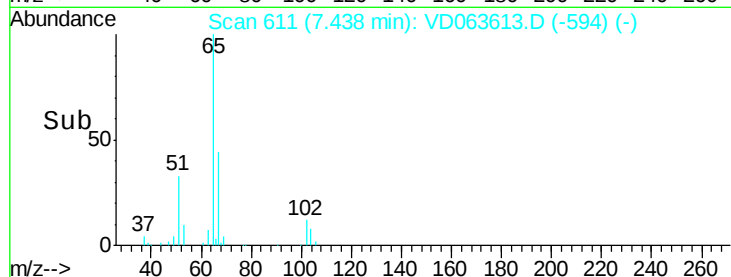
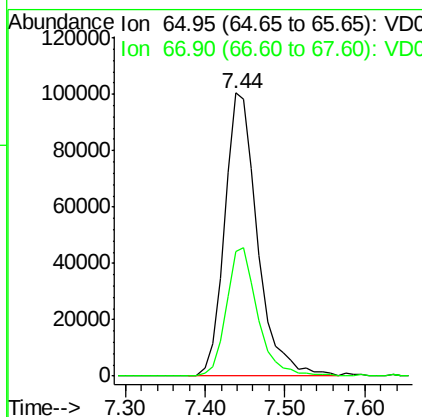
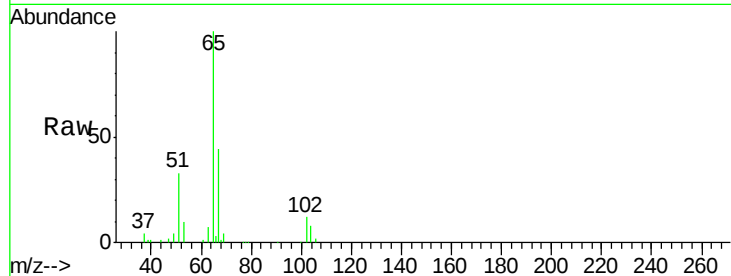




#33
 1,2-Dichloroethane-d4
 Concen: 44.024 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063613.D
 Acq: 15 Aug 2019 18:43

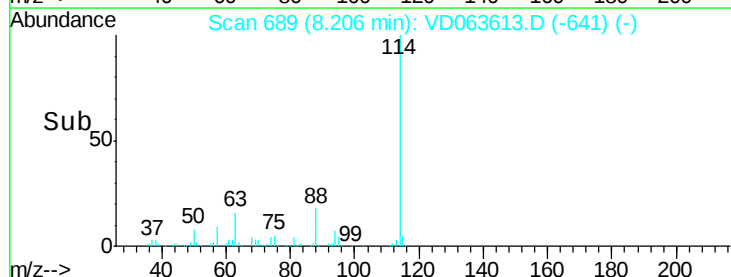
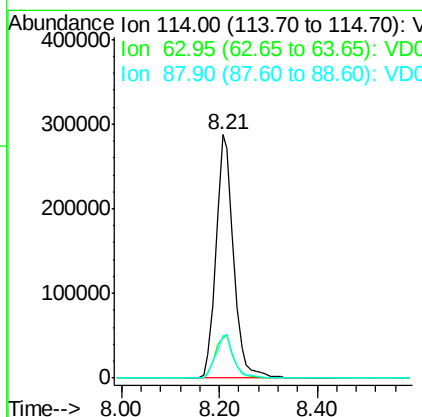
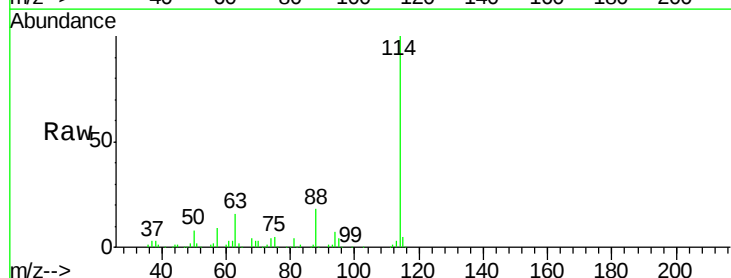
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

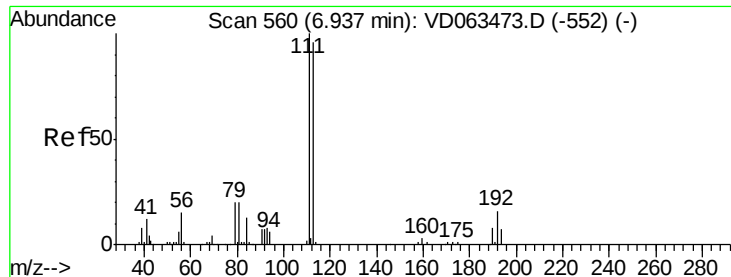
Tot Ion: 65 Resp: 289951
 Ion Ratio Lower Upper
 65 100
 67 44.0 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063613.D
 Acq: 15 Aug 2019 18:43

Tgt Ion: 114 Resp: 718126
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 36.2
 88 17.6 0.0 35.0

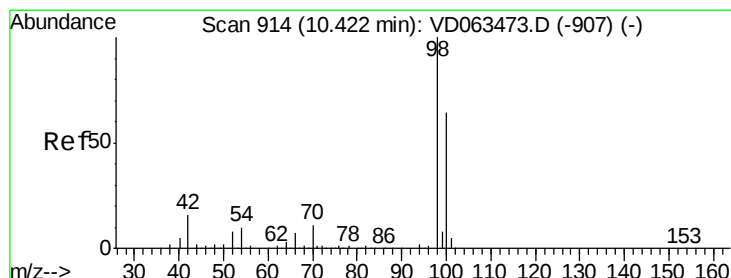
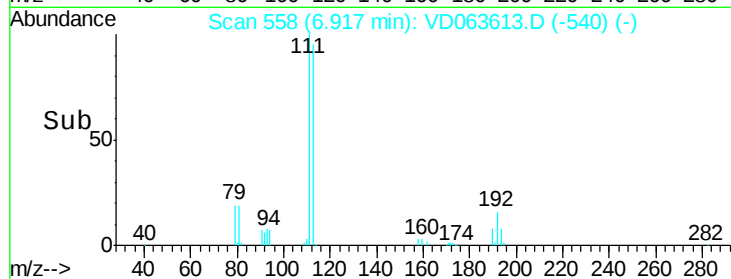
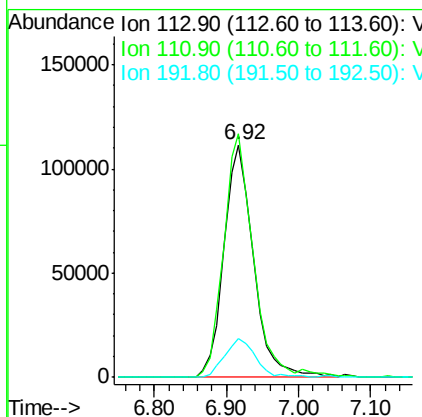
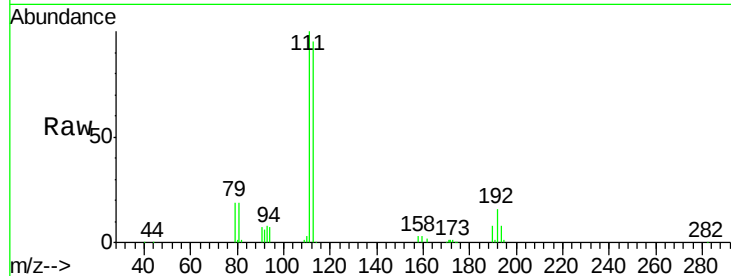




#35
 Dibromofluoromethane
 Concen: 52.635 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063613.D
 Acq: 15 Aug 2019 18:43

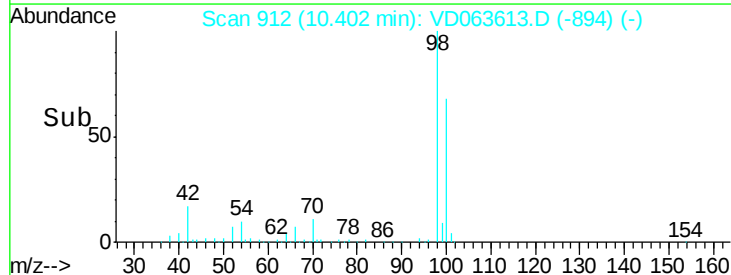
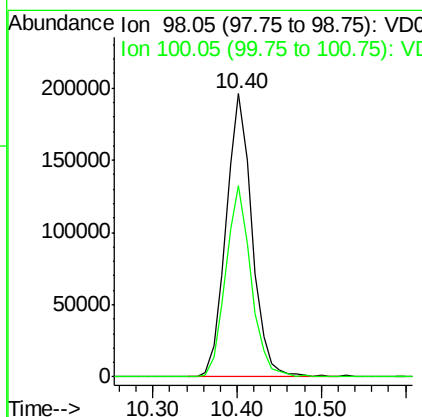
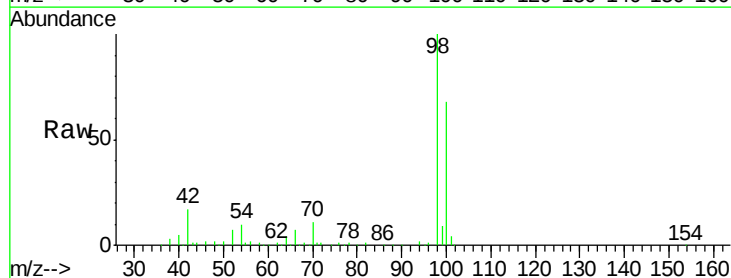
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

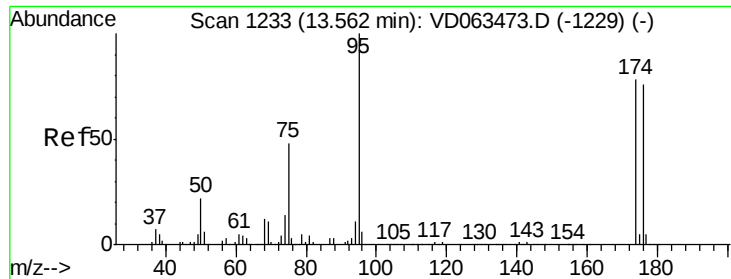
Tot	Ion:113	Resp:	318343
Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.1	124.7
192	16.5	13.1	19.7



#50
 Toluene-d8
 Concen: 31.487 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063613.D
 Acq: 15 Aug 2019 18:43

Tgt Ion: 98	Resp: 418685
Ion Ratio Lower	Upper
98 100	
100 67.8	51.7 77.5

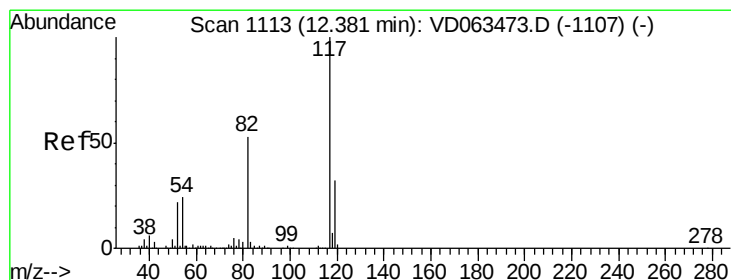
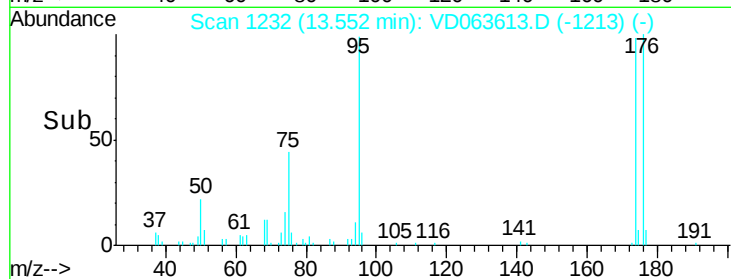
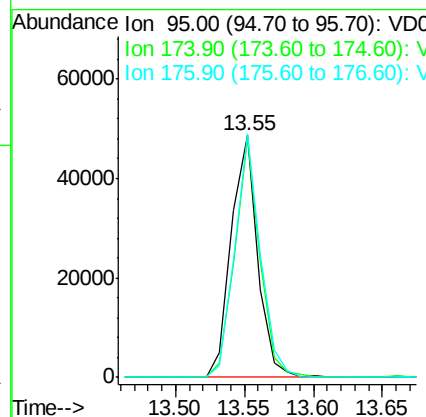
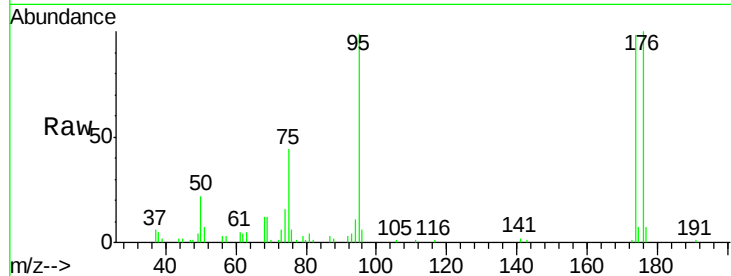




#62
4-Bromofluorobenzene
Concen: 10.719 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063613.D
Acq: 15 Aug 2019 18:43

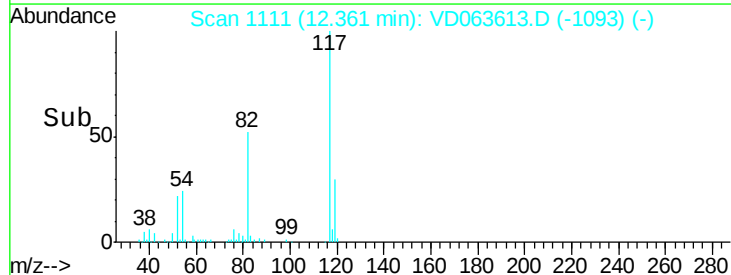
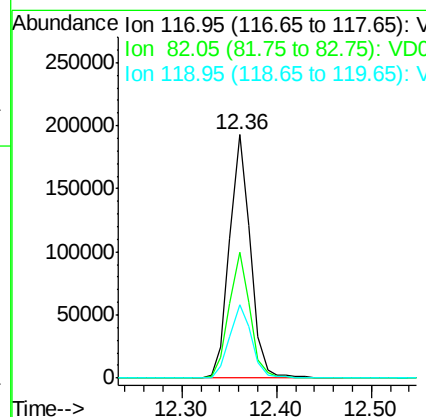
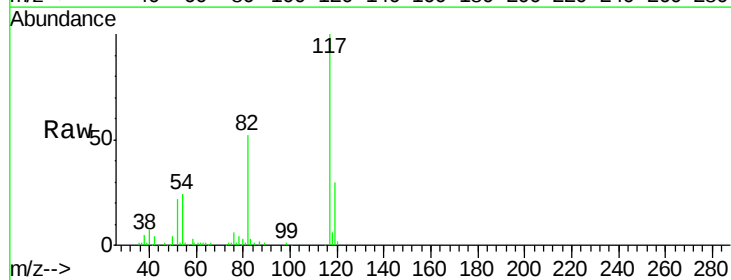
Instrument :
MSVOA_D
ClientSampleId :
TP-4

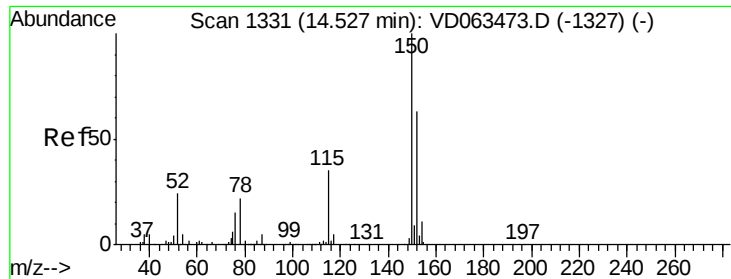
Tot Ion: 95 Resp: 64604
Ion Ratio Lower Upper
95 100
174 98.9 0.0 155.4
176 100.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063613.D
Acq: 15 Aug 2019 18:43

Tgt Ion: 117 Resp: 295391
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 30.2 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: VD063613.D

Acq: 15 Aug 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

TP-4

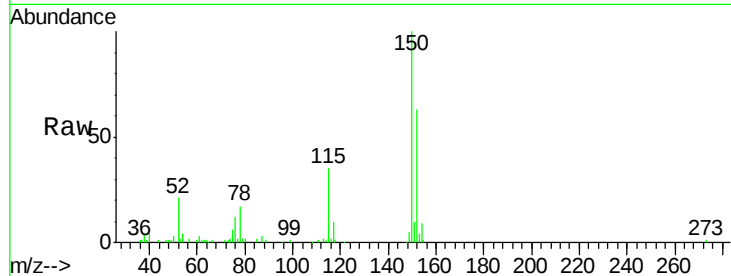
Tot Ion:152 Resp: 58367

Ion Ratio Lower Upper

152 100

115 55.7 30.9 92.7

150 157.9 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

