

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063634.D
 Acq On : 16 Aug 2019 13:32
 Operator : JC/SY
 Sample : K4356-07RE
 Misc : 2.12g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4RE

Quant Time: Aug 17 06:50:25 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

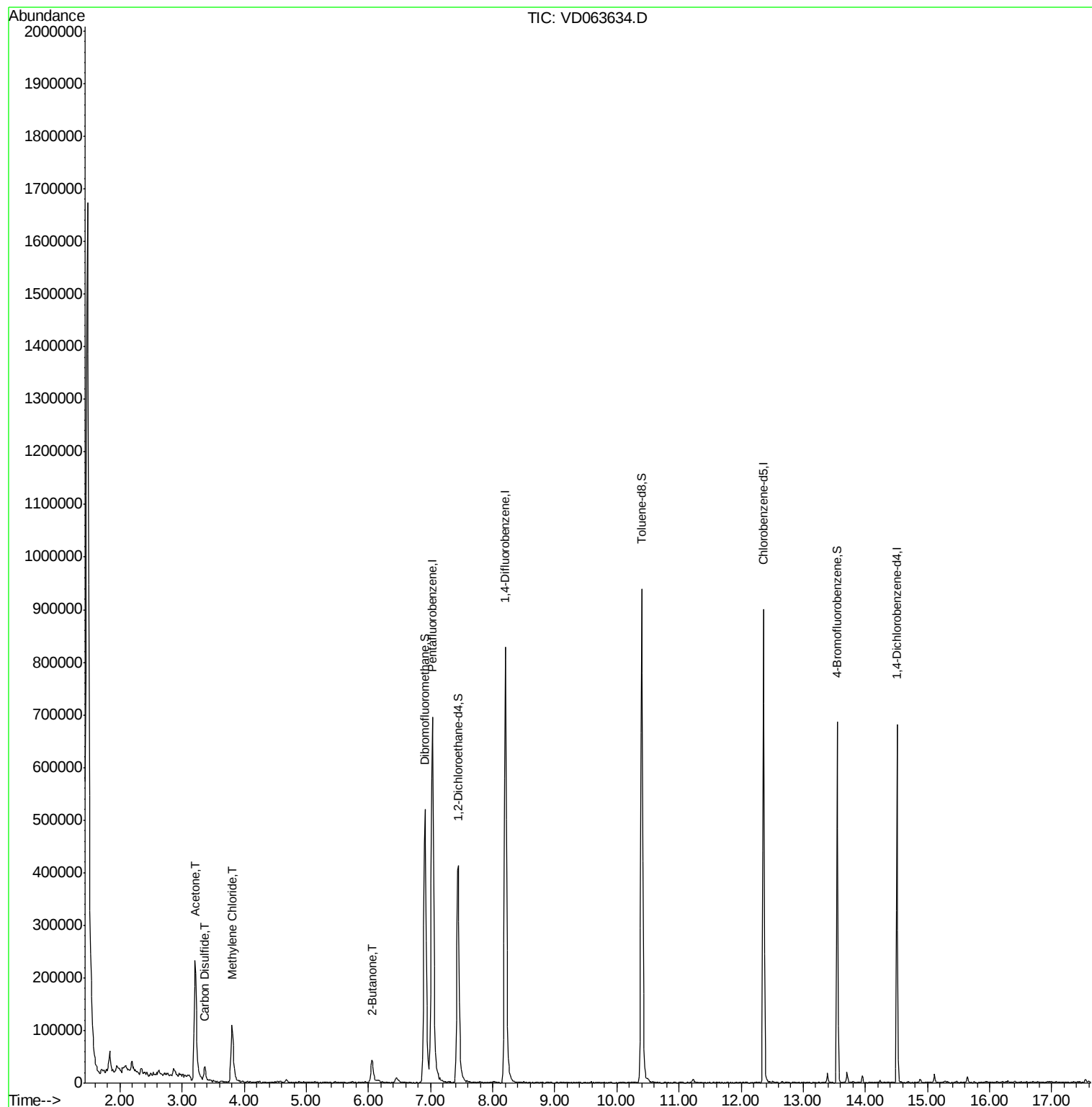
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	705227	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	908254	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	489976	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	133583	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	485590	64.42	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	128.84%	
35) Dibromofluoromethane	6.91	113	464944	60.78	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	121.56%	
50) Toluene-d8	10.40	98	753324	44.79	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.58%	
62) 4-Bromofluorobenzene	13.55	95	186033	24.41	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	48.82%	
Target Compounds						
16) Acetone	3.21	43	462496	301.813	ug/l	96
17) Carbon Disulfide	3.37	76	46959	2.611	ug/l #	94
20) Methylene Chloride	3.80	84	70989	10.713	ug/l	90
25) 2-Butanone	6.06	43	84487	55.824	ug/l	98

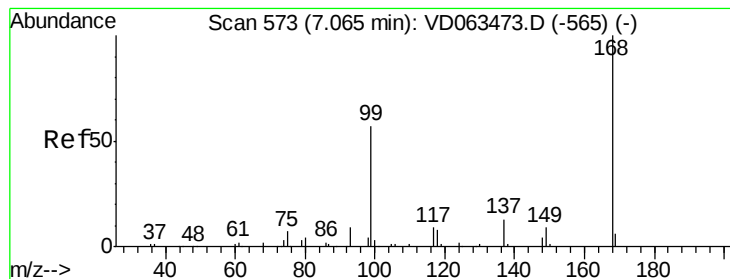
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081619\
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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: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063634.D

Acq: 16 Aug 2019 13:32

Instrument :

MSVOA_D

ClientSampleId :

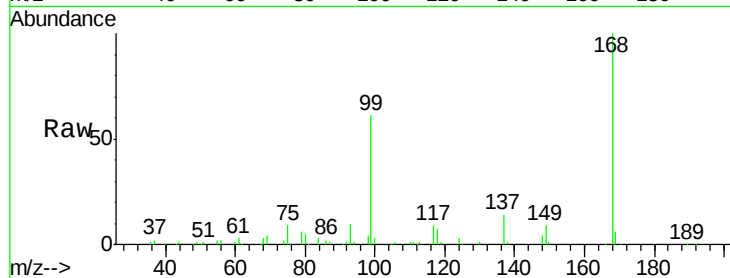
TP-4RE

Tot Ion:168 Resp: 705227

Ion Ratio Lower Upper

168 100

99 60.6 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

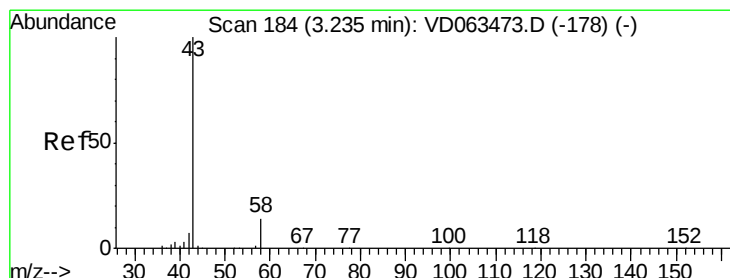
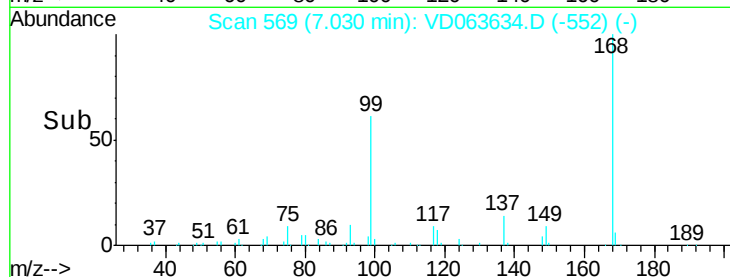
50000

0

7.00

7.20

Time-->



#16

Acetone

Concen: 301.813 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063634.D

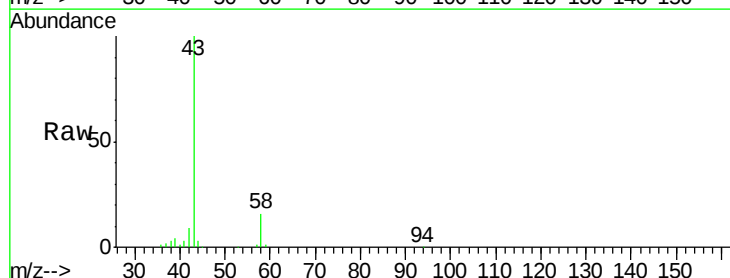
Acq: 16 Aug 2019 13:32

Tgt Ion: 43 Resp: 462496

Ion Ratio Lower Upper

43 100

58 16.1 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

150000

100000

50000

0

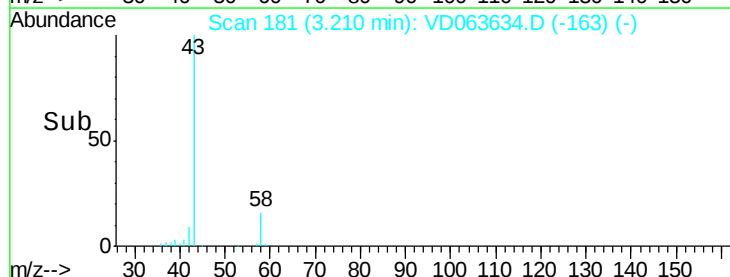
3.10

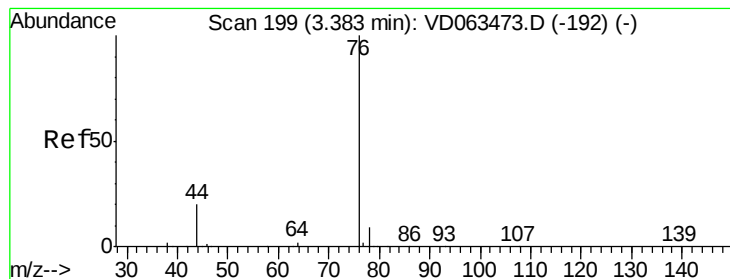
3.20

3.30

3.40

Time-->





#17

Carbon Disulfide

Concen: 2.611 ug/l

RT: 3.37 min Scan# 197

Delta R.T. -0.02 min

Lab File: VD063634.D

Acq: 16 Aug 2019 13:32

Instrument :

MSVOA_D

ClientSampleId :

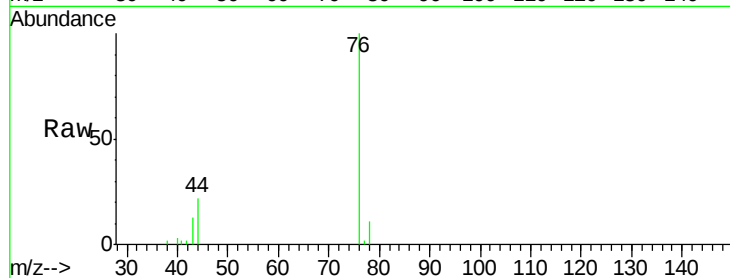
TP-4RE

Tot Ion: 76 Resp: 46959

Ion Ratio Lower Upper

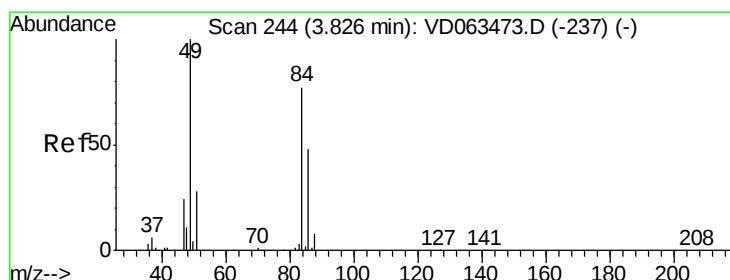
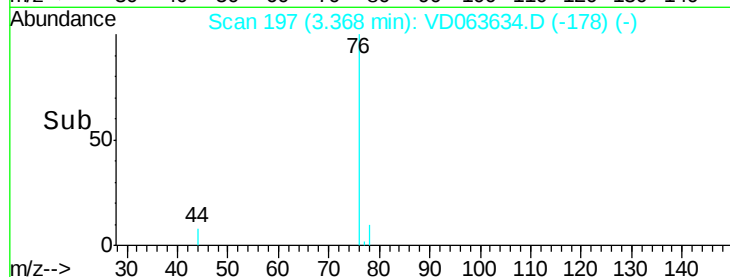
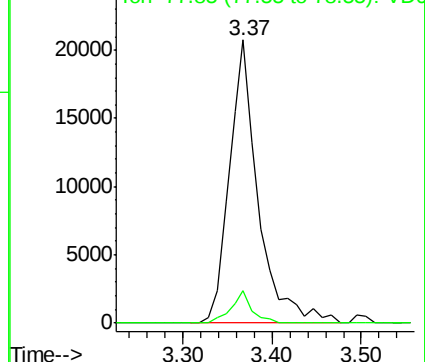
76 100

78 11.5 7.4 11.0#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 10.713 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD063634.D

Acq: 16 Aug 2019 13:32

Tgt Ion: 84 Resp: 70989

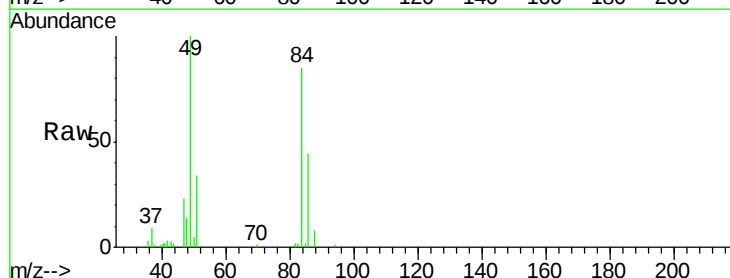
Ion Ratio Lower Upper

84 100

49 118.2 103.4 155.2

51 39.7 28.5 42.7

86 51.5 49.4 74.2

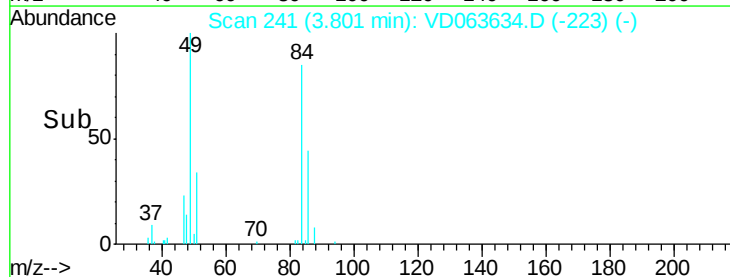
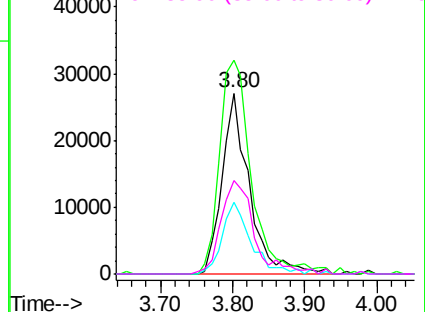


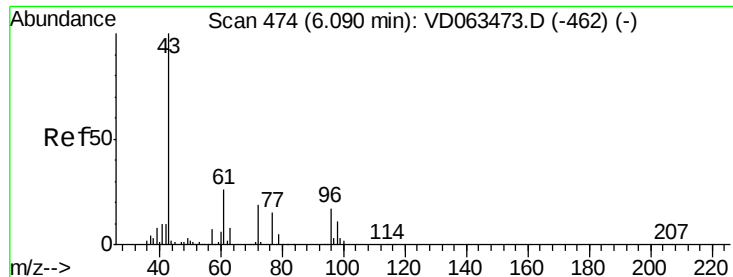
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

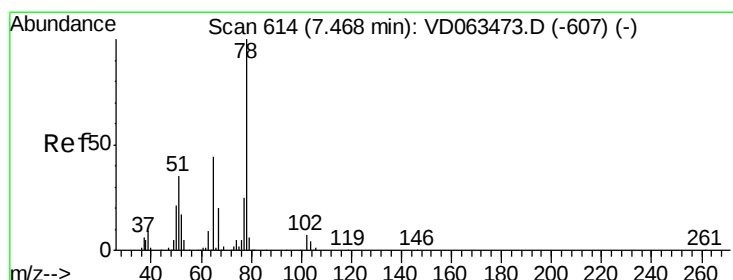
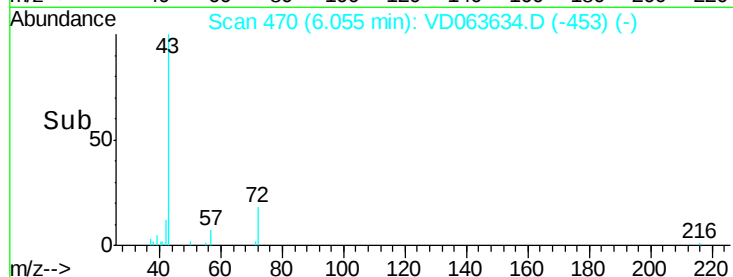
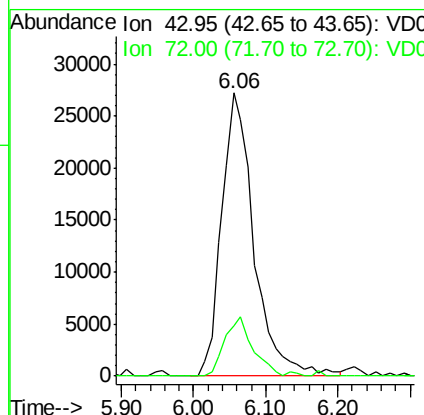
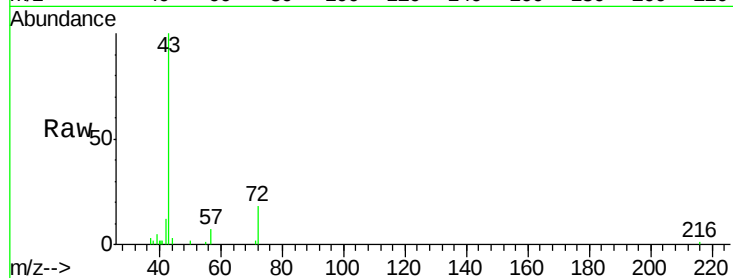




#25
2-Butanone
Concen: 55.824 ug/l
RT: 6.06 min Scan# 470
Delta R.T. -0.04 min
Lab File: VD063634.D
Acq: 16 Aug 2019 13:32

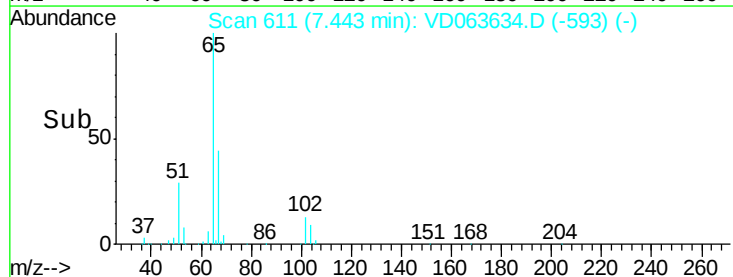
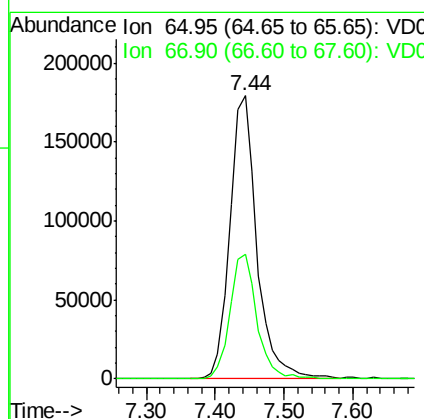
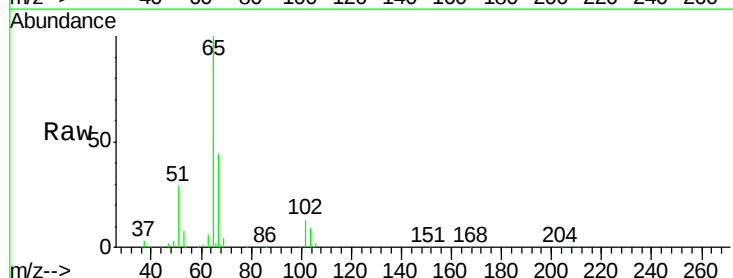
Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

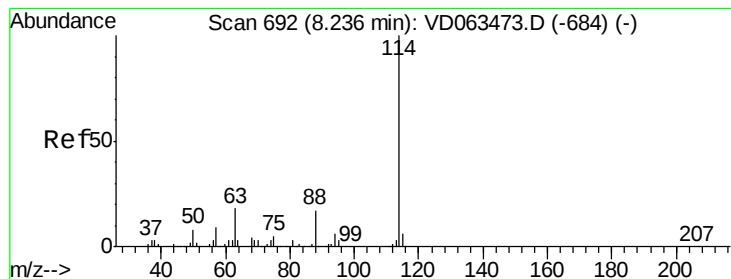
Tot Ion: 43 Resp: 84487
Ion Ratio Lower Upper
43 100
72 18.0 15.1 22.7



#33
1,2-Dichloroethane-d4
Concen: 64.416 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063634.D
Acq: 16 Aug 2019 13:32

Tgt Ion: 65 Resp: 485590
Ion Ratio Lower Upper
65 100
67 43.8 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: VD063634.D

Acq: 16 Aug 2019 13:32

Instrument :

MSVOA_D

ClientSampleId :

TP-4RE

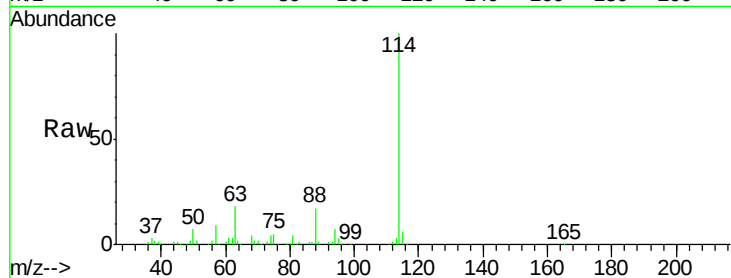
Tot Ion:114 Resp: 908254

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.2

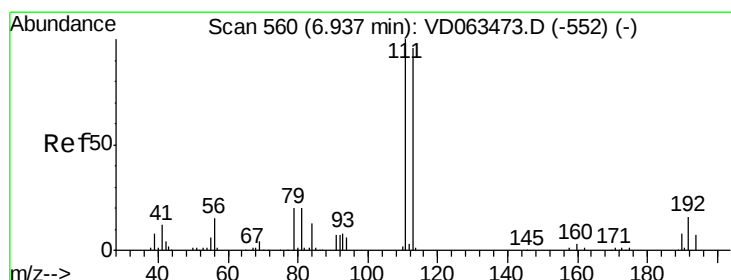
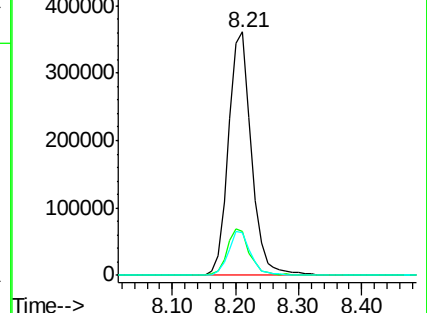
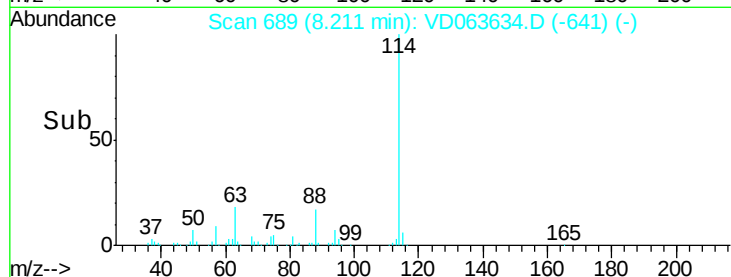
88 17.4 0.0 35.0



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: 60.782 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063634.D

Acq: 16 Aug 2019 13:32

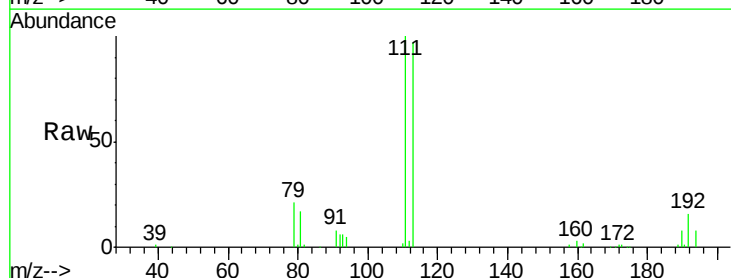
Tgt Ion:113 Resp: 464944

Ion Ratio Lower Upper

113 100

111 103.3 83.1 124.7

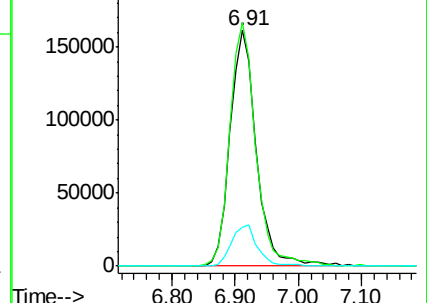
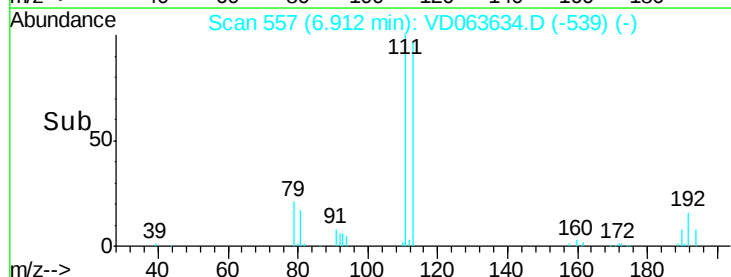
192 16.5 13.1 19.7

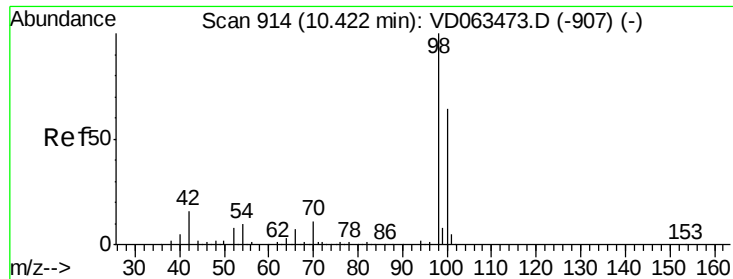


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

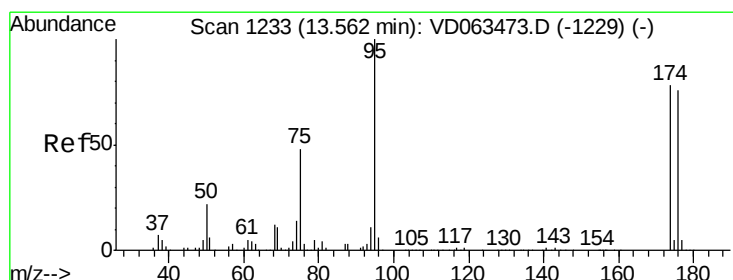
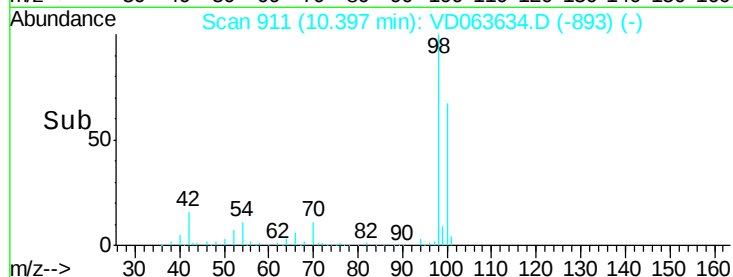
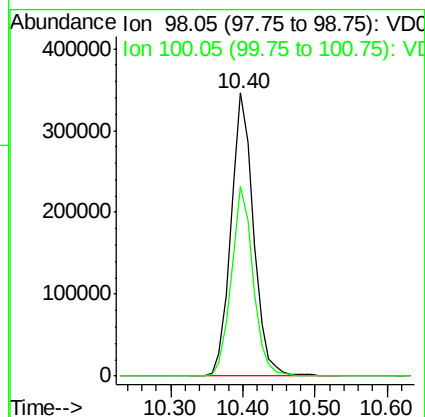
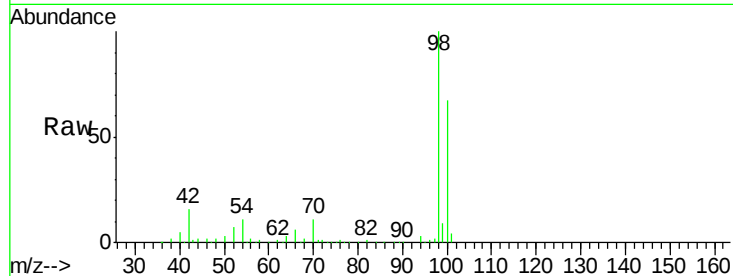




#50
Toluene-d8
Concen: 44.794 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD063634.D
Acq: 16 Aug 2019 13:32

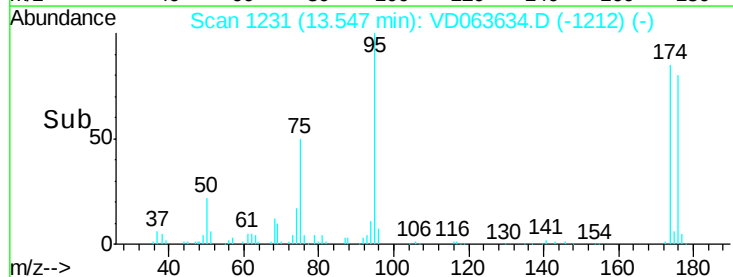
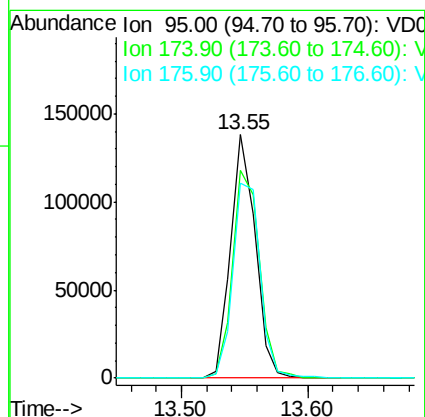
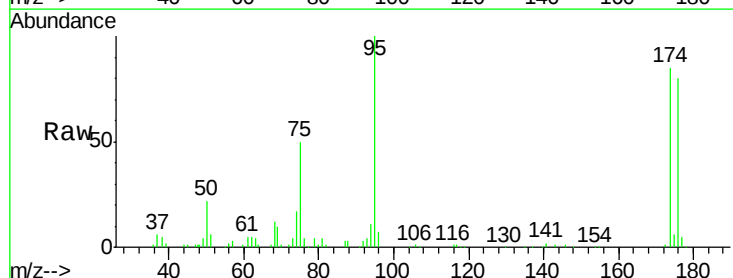
Instrument :
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TP-4RE

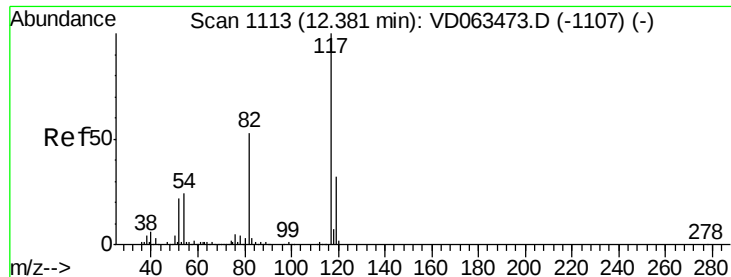
Tot Ion: 98 Resp: 753324
Ion Ratio Lower Upper
98 100
100 67.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 24.406 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD063634.D
Acq: 16 Aug 2019 13:32

Tgt Ion: 95 Resp: 186033
Ion Ratio Lower Upper
95 100
174 85.3 0.0 155.4
176 79.9 0.0 152.4

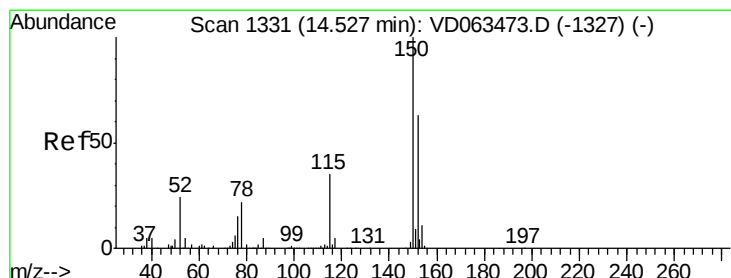
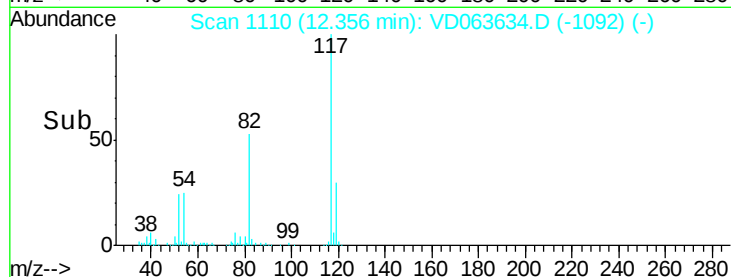
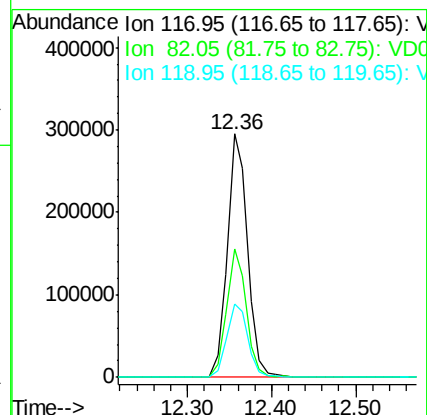
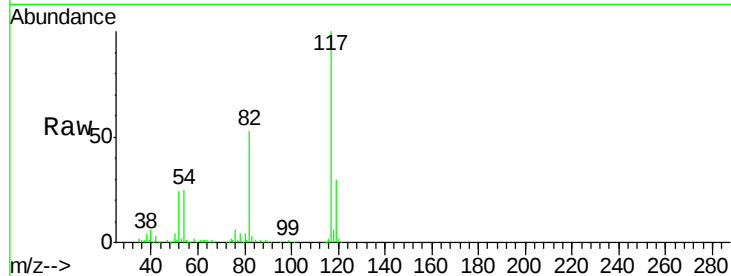




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.03 min
Lab File: VD063634.D
Acq: 16 Aug 2019 13:32

Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

Tot Ion:117 Resp: 489976
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 30.3 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: VD063634.D
Acq: 16 Aug 2019 13:32

Tgt Ion:152 Resp: 133583
Ion Ratio Lower Upper
152 100
115 62.2 30.9 92.7
150 157.2 0.0 318.6

