

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063748.D
 Acq On : 22 Aug 2019 22:01
 Operator : JC/SY
 Sample : K4491-02
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1VE

Quant Time: Aug 23 07:43:20 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

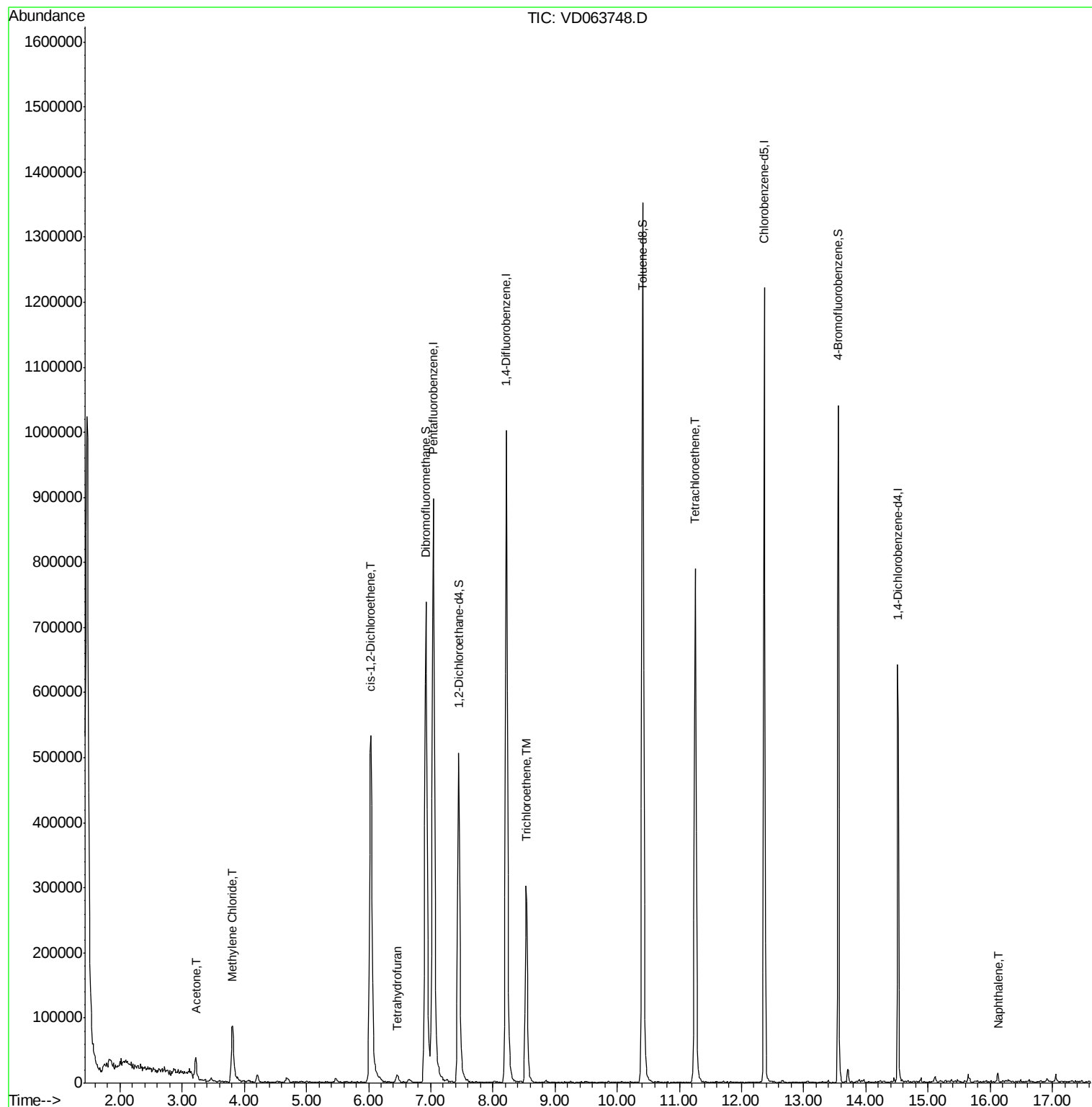
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	886266	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1120113	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	641885	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	151543	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	558963	59.00	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	118.00%	
35) Dibromofluoromethane	6.92	113	658991	69.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	139.72%	
50) Toluene-d8	10.41	98	1161757	56.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.02%	
62) 4-Bromofluorobenzene	13.56	95	278012	29.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.14%	
Target Compounds						
16) Acetone	3.22	43	63058	32.744	ug/l	96
20) Methylene Chloride	3.80	84	57000	6.845	ug/l #	89
27) cis-1,2-Dichloroethene	6.04	96	350906	42.559	ug/l	88
29) Tetrahydrofuran	6.47	42	8626	9.733	ug/l	93
44) Trichloroethene	8.54	130	124870	14.992	ug/l	93
64) Tetrachloroethene	11.26	164	247201	49.887	ug/l	94
95) Naphthalene	16.13	128	8202	1.819	ug/l #	91

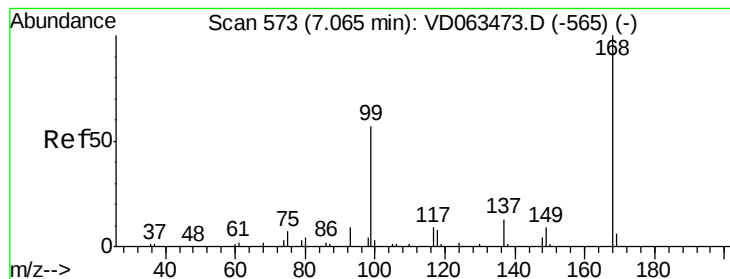
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082219\
Data File : VD063748.D
Acq On : 22 Aug 2019 22:01
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Quant Time: Aug 23 07:43:20 2019
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. -0.02 min

Lab File: VD063748.D

Acq: 22 Aug 2019 22:01

Instrument :

MSVOA_D

ClientSampleId :

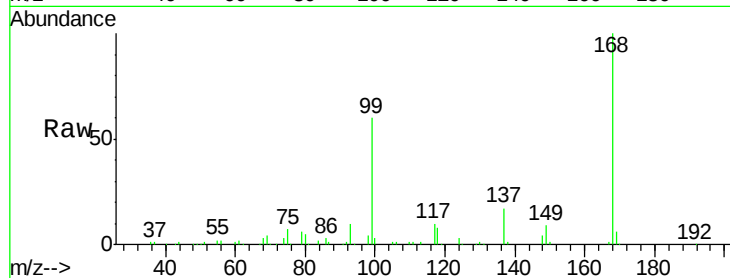
TS-1VE

Tot Ion:168 Resp: 886266

Ion Ratio Lower Upper

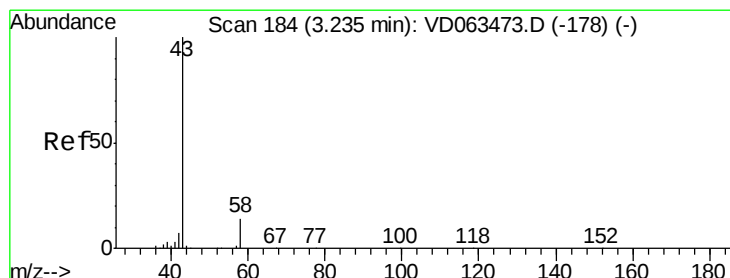
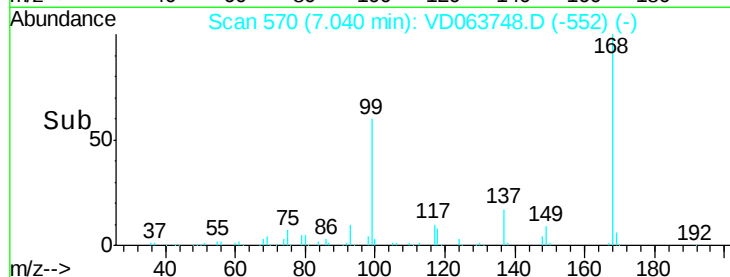
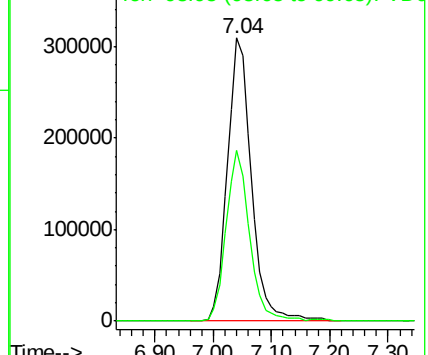
168 100

99 60.4 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: 32.744 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063748.D

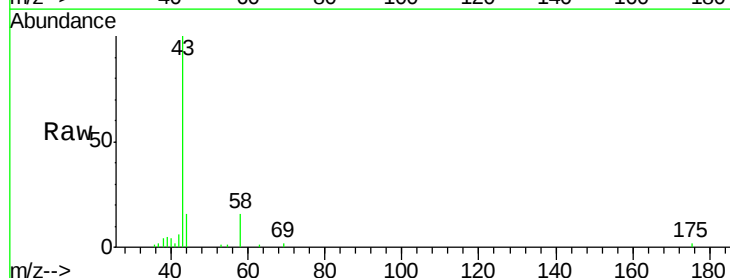
Acq: 22 Aug 2019 22:01

Tgt Ion: 43 Resp: 63058

Ion Ratio Lower Upper

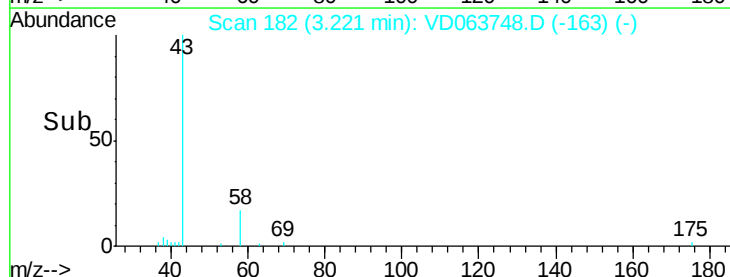
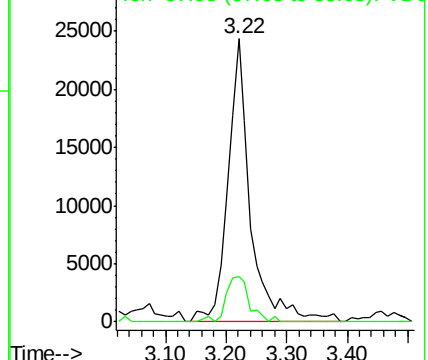
43 100

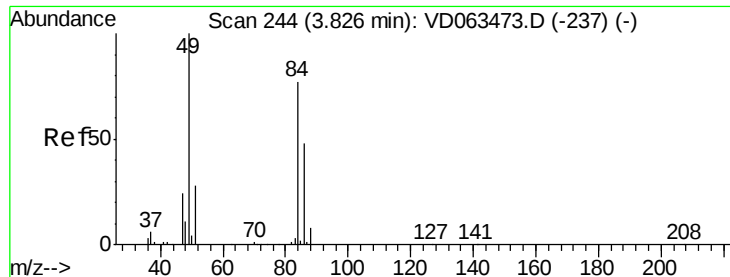
58 16.1 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

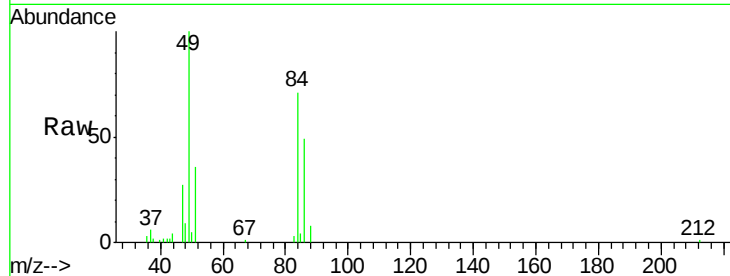




#20
Methvlene Chloride
Concen: 6.845 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063748.D
Acq: 22 Aug 2019 22:01

Instrument :
MSVOA_D
ClientSampleId :
TS-1VE

Tot Ion	84	Resp	57000
Ion	Ratio	Lower	Upper
84	100		
49	139.9	103.4	155.2
51	50.6	28.5	42.7
86	68.0	49.4	74.2



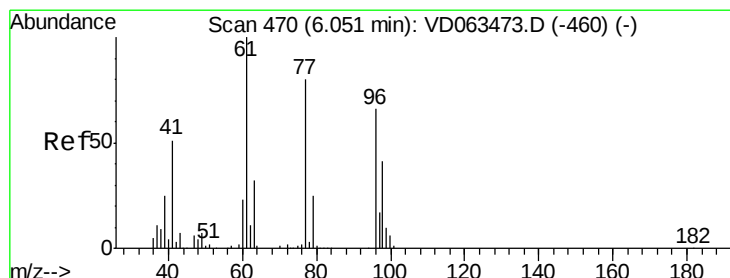
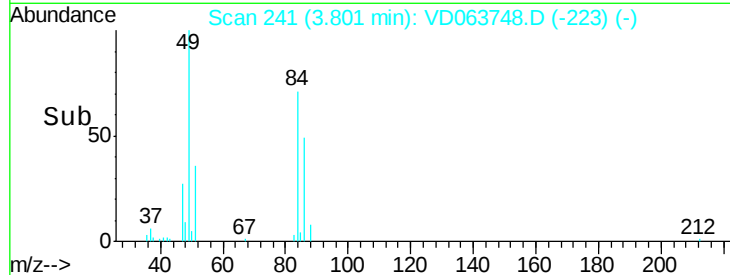
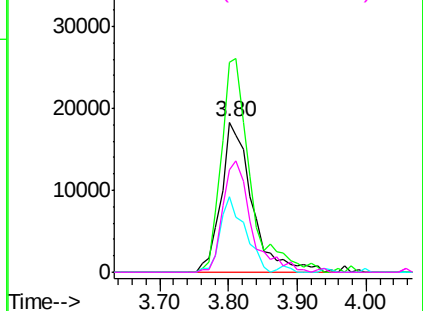
Abundance

Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

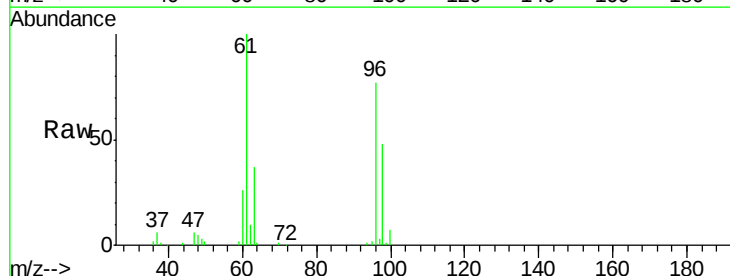
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#27
cis-1,2-Dichloroethene
Concen: 42.559 ug/l
RT: 6.04 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD063748.D
Acq: 22 Aug 2019 22:01

Tgt Ion	96	Resp	350906
Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	304.0
98	61.8	0.0	124.8

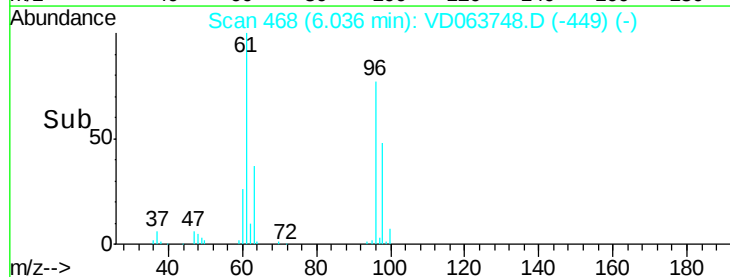
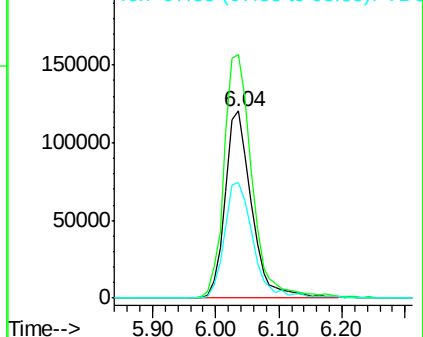


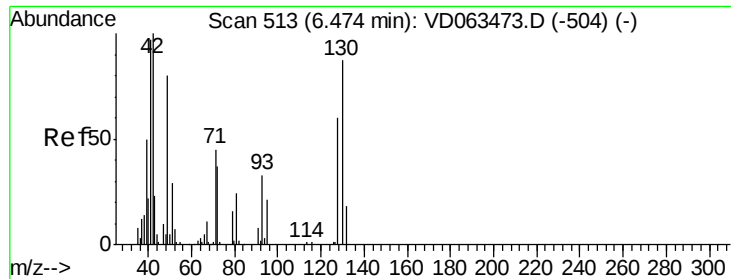
Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

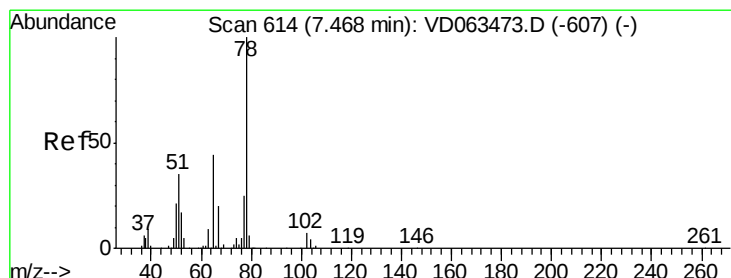
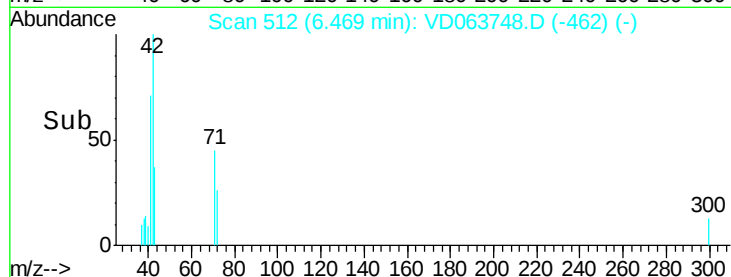
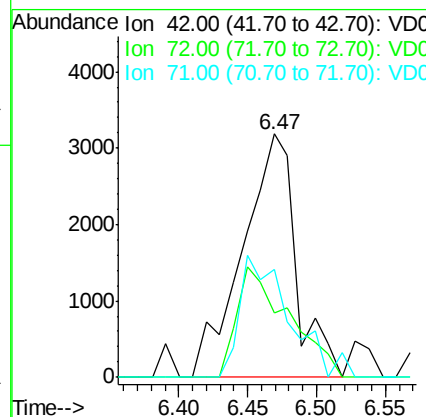
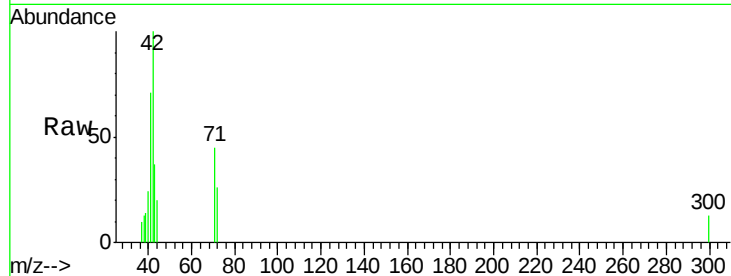




#29
Tetrahydrofuran
Concen: 9.733 ug/l
RT: 6.47 min Scan# 512
Delta R.T. -0.00 min
Lab File: VD063748.D
Acq: 22 Aug 2019 22:01

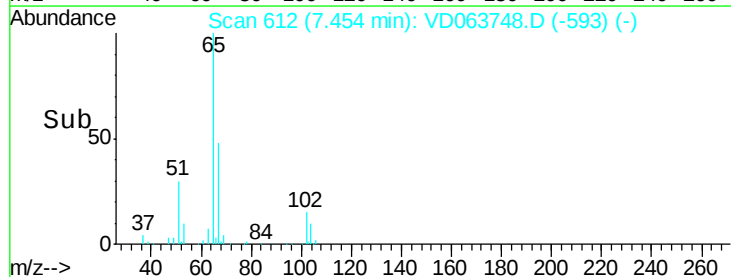
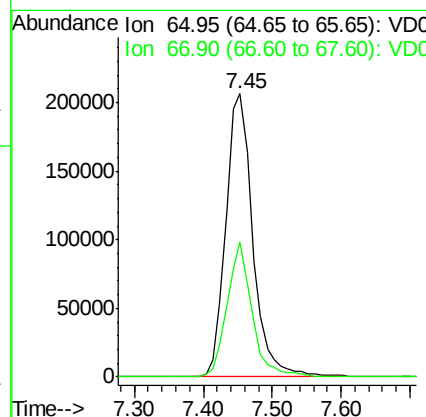
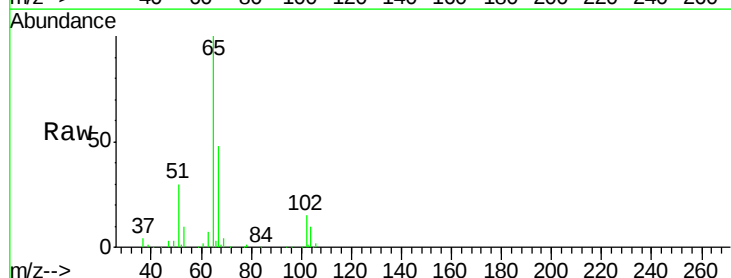
Instrument :
MSVOA_D
ClientSampleID :
TS-1VE

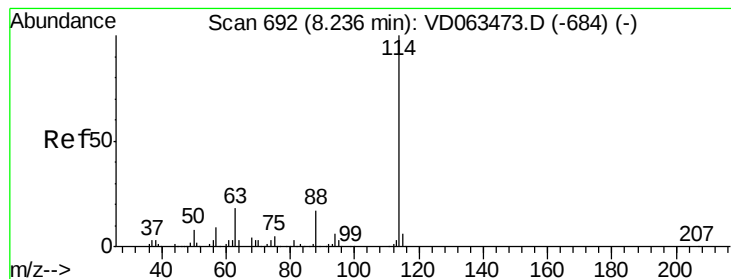
Tot Ion: 42 Resp: 8626
Ion Ratio Lower Upper
42 100
72 44.0 31.5 47.3
71 46.7 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 59.003 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063748.D
Acq: 22 Aug 2019 22:01

Tgt Ion: 65 Resp: 558963
Ion Ratio Lower Upper
65 100
67 47.8 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063748.D

Acq: 22 Aug 2019 22:01

Instrument :

MSVOA_D

ClientSampleId :

TS-1VE

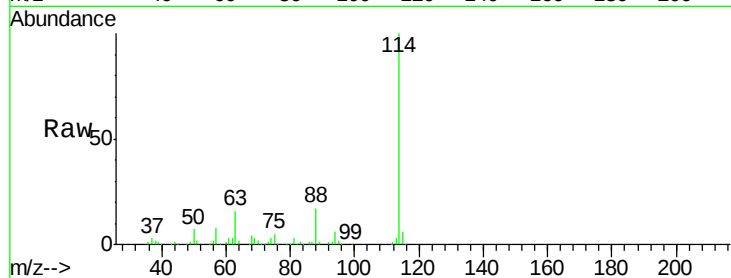
Tot Ion:114 Resp: 1120113

Ion Ratio Lower Upper

114 100

63 16.5 0.0 36.2

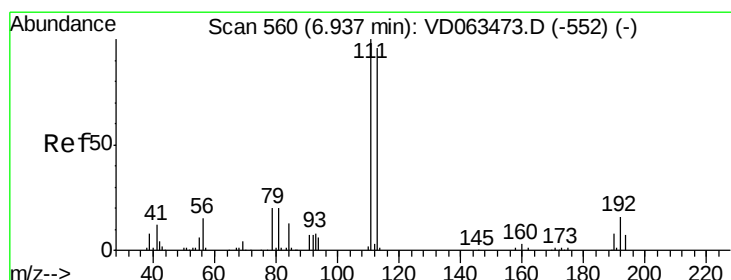
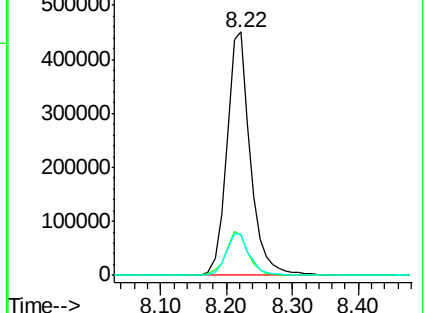
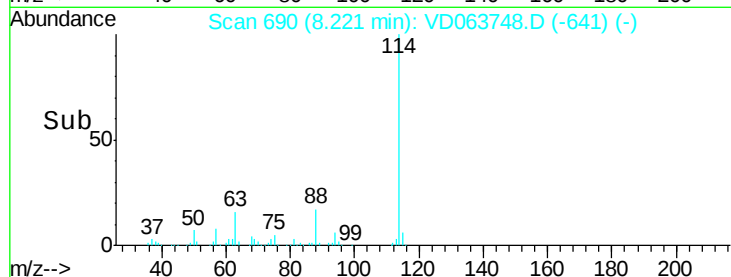
88 17.0 0.0 35.0



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: 69.855 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063748.D

Acq: 22 Aug 2019 22:01

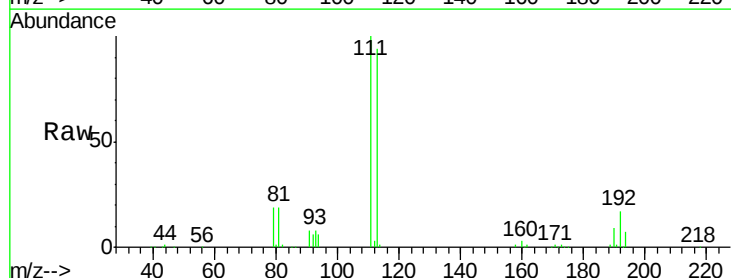
Tgt Ion:113 Resp: 658991

Ion Ratio Lower Upper

113 100

111 106.2 83.1 124.7

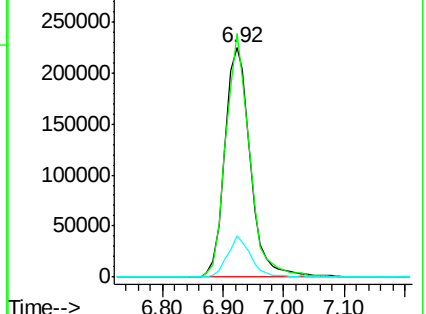
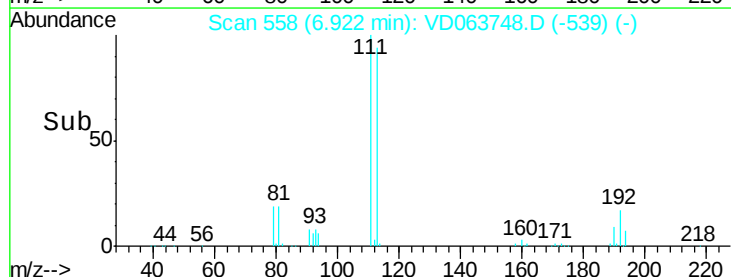
192 17.8 13.1 19.7

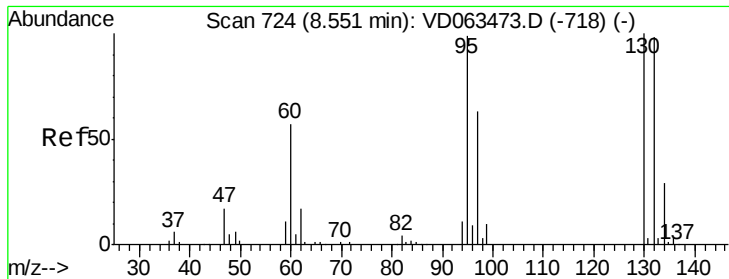


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#44

Trichloroethene

Concen: 14.992 ug/l

RT: 8.54 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD063748.D

Acq: 22 Aug 2019 22:01

Instrument :

MSVOA_D

ClientSampleId :

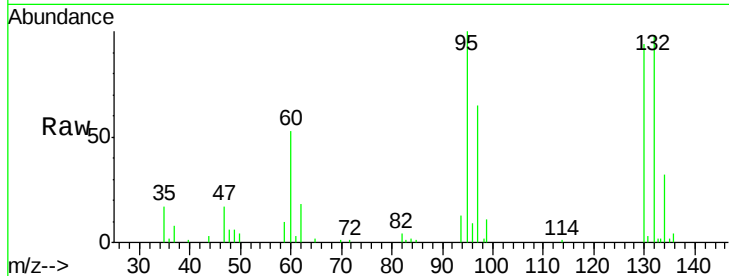
TS-1VE

Tot Ion:130 Resp: 124870

Ion Ratio Lower Upper

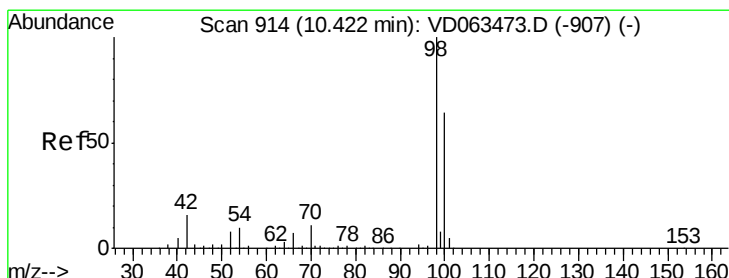
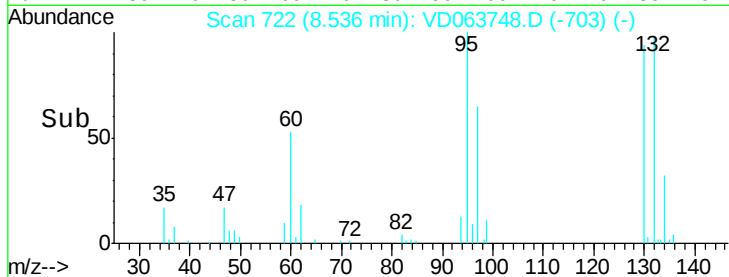
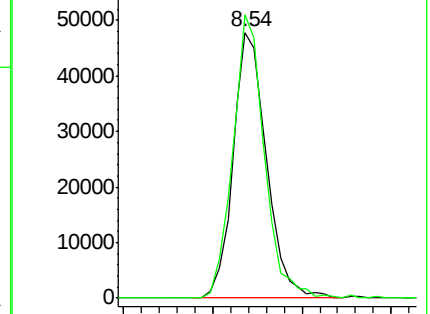
130 100

95 106.4 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 56.014 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063748.D

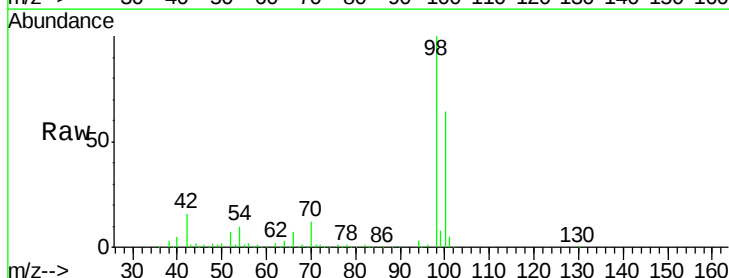
Acq: 22 Aug 2019 22:01

Tgt Ion: 98 Resp: 1161757

Ion Ratio Lower Upper

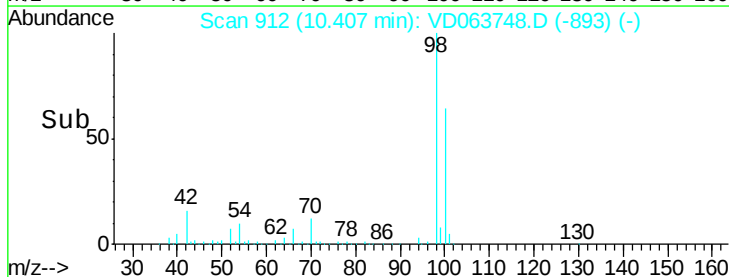
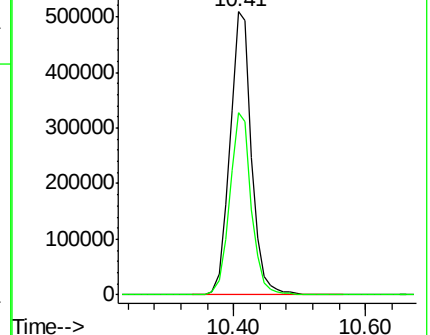
98 100

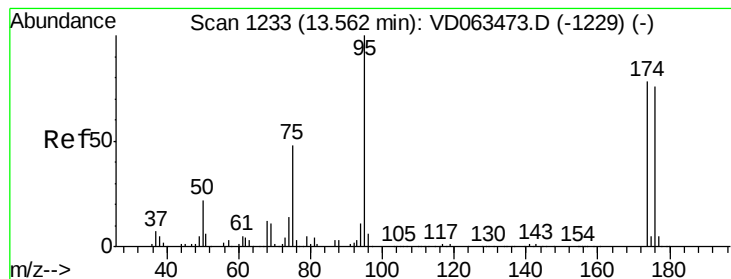
100 64.4 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 29.574 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063748.D

Acq: 22 Aug 2019 22:01

Instrument :

MSVOA_D

ClientSampled :

TS-1VE

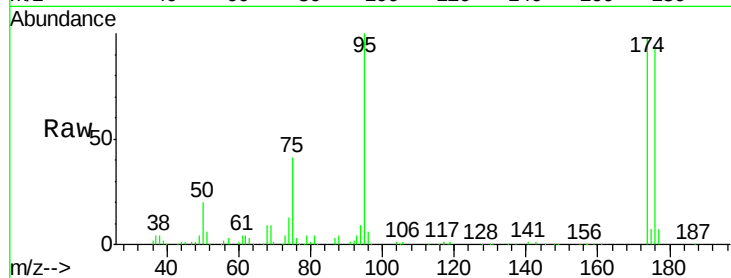
Tot Ion: 95 Resp: 278012

Ion Ratio Lower Upper

95 100

174 98.1 0.0 155.4

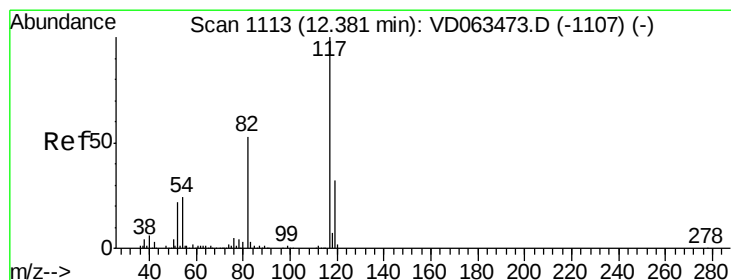
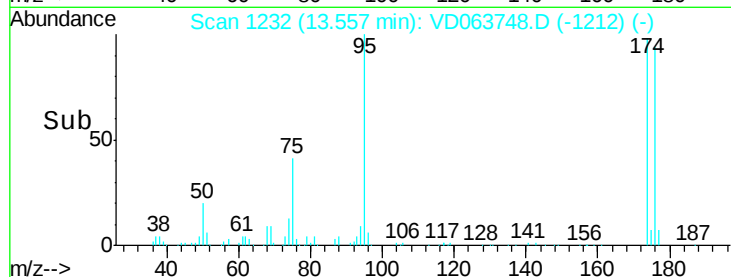
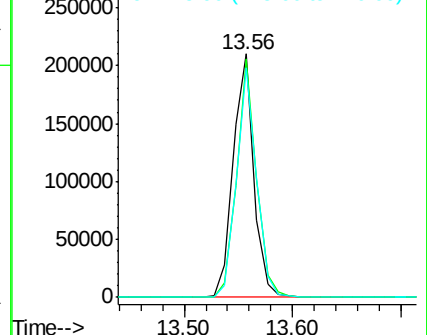
176 94.5 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD063748.D

Acq: 22 Aug 2019 22:01

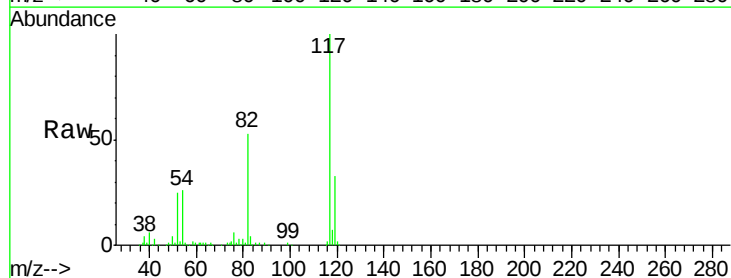
Tgt Ion: 117 Resp: 641885

Ion Ratio Lower Upper

117 100

82 53.0 42.0 63.0

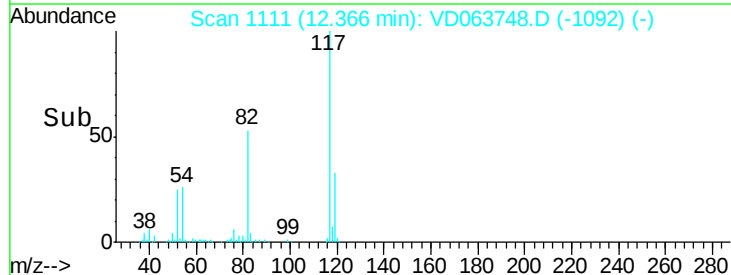
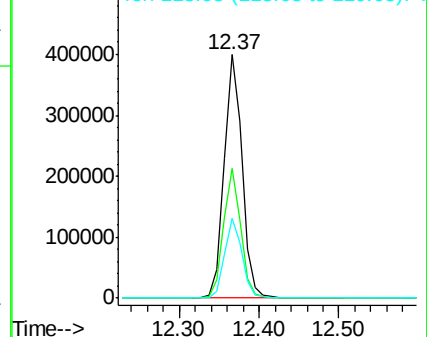
119 32.8 25.4 38.0

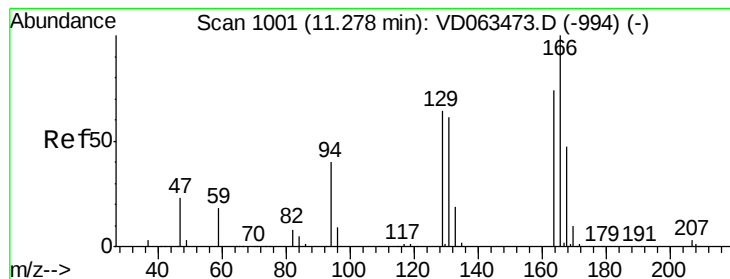


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#64

Tetrachloroethene

Concen: 49.887 ug/l

RT: 11.26 min Scan# 999

Delta R.T. -0.01 min

Lab File: VD063748.D

Acq: 22 Aug 2019 22:01

Instrument :

MSVOA_D

ClientSampleId :

TS-1VE

Tot Ion:164 Resp: 247201

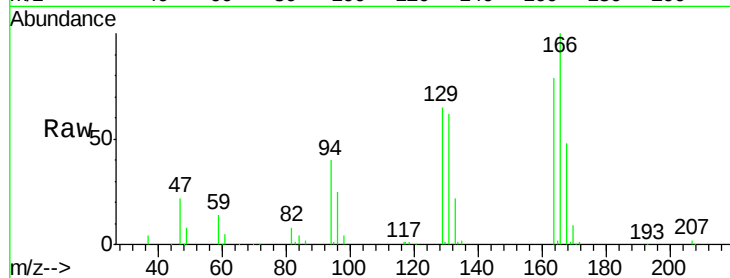
Ion Ratio Lower Upper

164 100

166 127.1 108.6 163.0

129 82.4 69.0 103.6

131 79.0 66.6 99.8

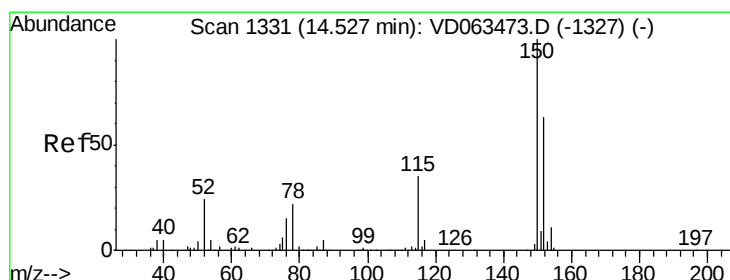
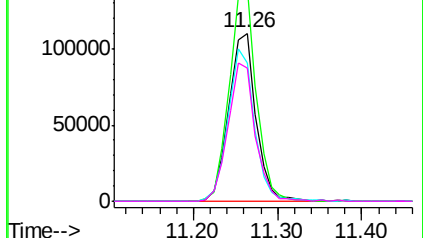
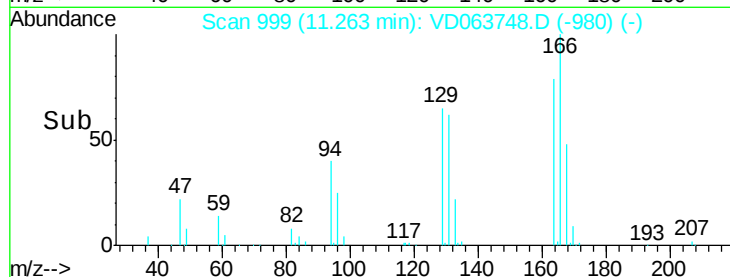


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063748.D

Acq: 22 Aug 2019 22:01

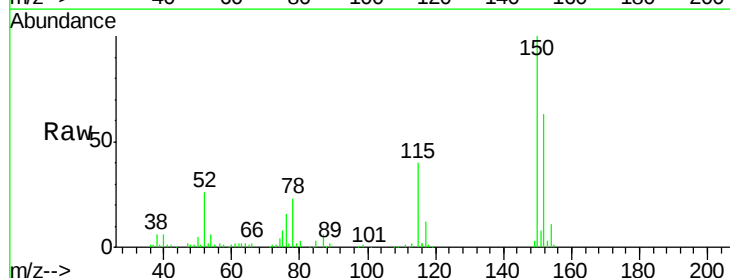
Tgt Ion:152 Resp: 151543

Ion Ratio Lower Upper

152 100

115 62.8 30.9 92.7

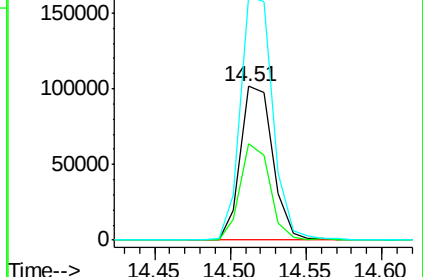
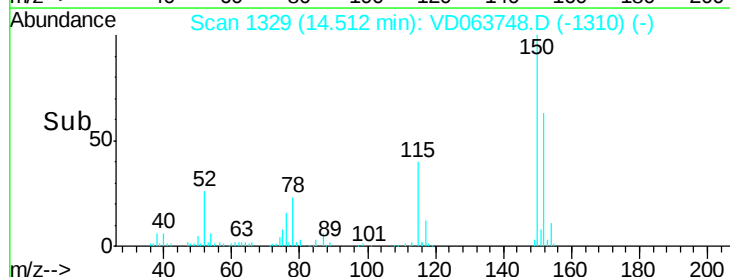
150 158.6 0.0 318.6

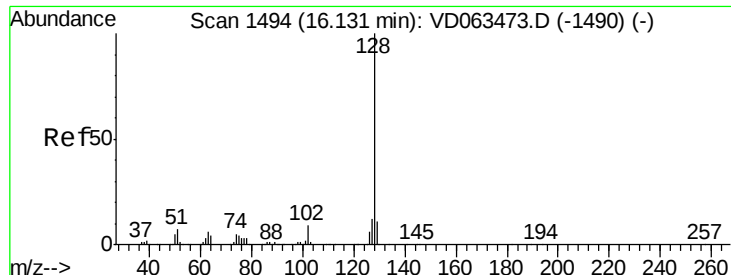


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.819 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD063748.D

Acq: 22 Aug 2019 22:01

Instrument :

MSVOA_D

ClientSampleId :

TS-1VE

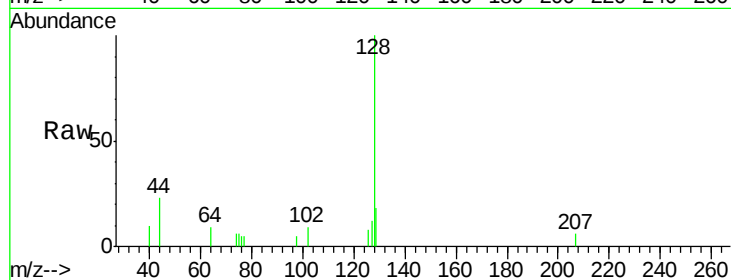
Tot Ion:128 Resp: 8202

Ion Ratio Lower Upper

128 100

127 12.0 9.4 14.0

129 17.7 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

