

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082219\
 Data File : VD063734.D
 Acq On : 22 Aug 2019 15:33
 Operator : JC/SY
 Sample : K4388-20RE
 Misc : 4.97g/5ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E4-(0)

Quant Time: Aug 23 06:58:54 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	7.05	168	940669	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1300318	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	997006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	394320	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	573107	57.00	ug/l	-0.02
Spiked Amount				50.000		
Recovery				=	114.00%	
35) Dibromofluoromethane	6.93	113	678988	62.00	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	124.00%	
50) Toluene-d8	10.41	98	1392718	57.84	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	115.68%	
62) 4-Bromofluorobenzene	13.55	95	521279	47.77	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	95.54%	

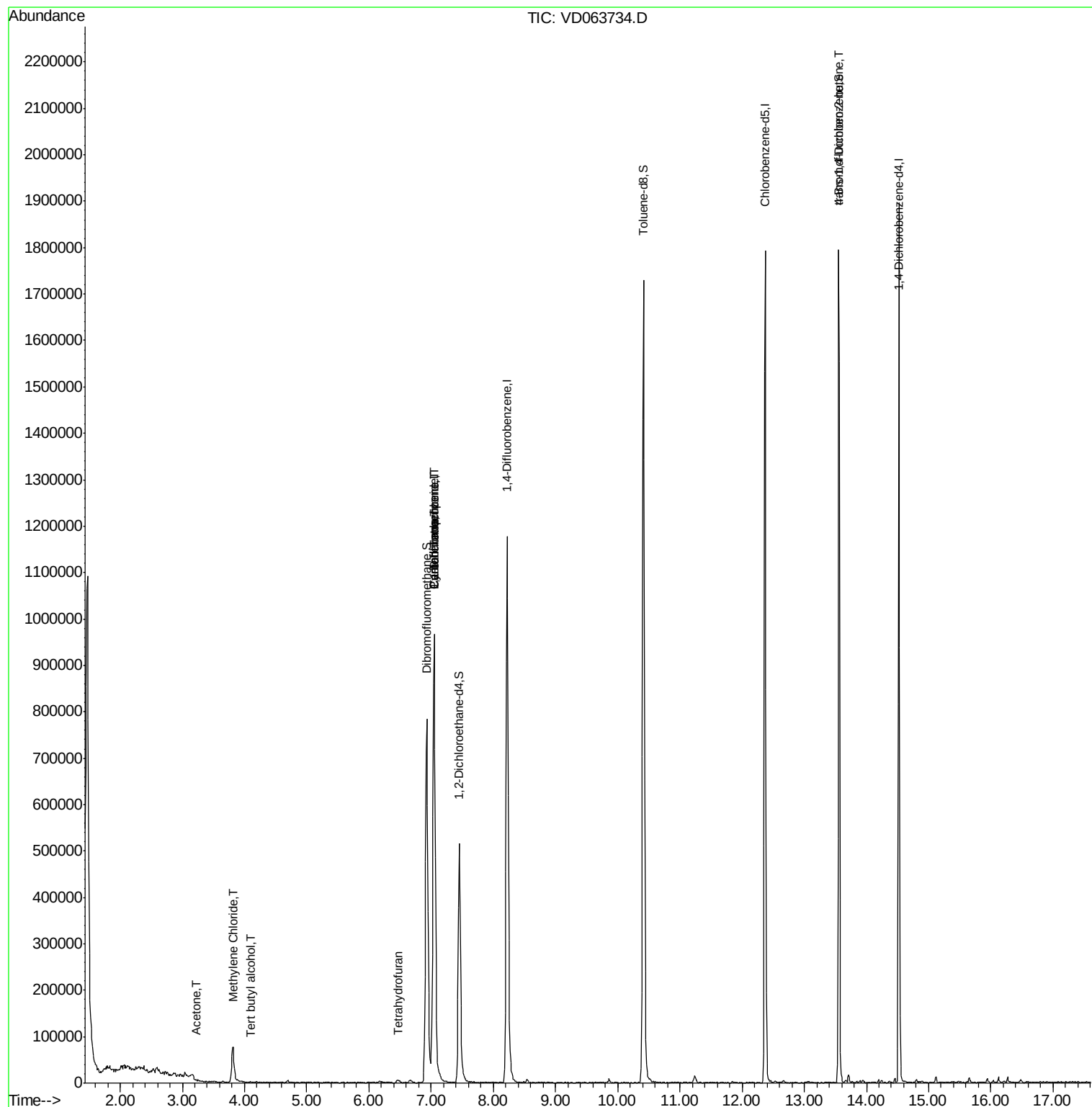
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.08	59	480	1.097	ug/l #	71
16) Acetone	3.23	43	4905	2.400	ug/l #	65
20) Methylene Chloride	3.82	84	49742	5.628	ug/l #	95
29) Tetrahydrofuran	6.48	42	4878	5.186	ug/l	94
31) Cyclohexane	7.04	56	20855	2.297	ug/l #	12
36) 1,1-Dichloropropene	7.05	75	65691	5.715	ug/l #	50
38) Carbon Tetrachloride	7.05	117	87435	5.047	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.55	75	233983	192.368	ug/l #	1

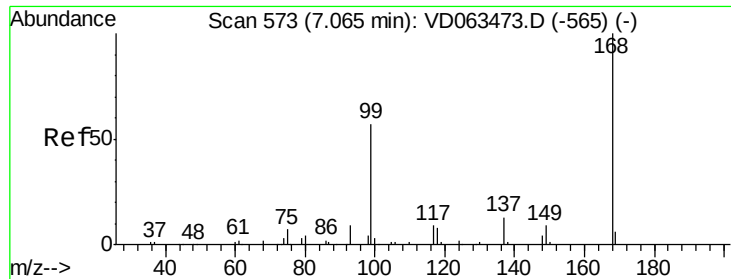
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082219\
Data File : VD063734.D
Acq On : 22 Aug 2019 15:33
Operator : JC/SY
Sample : K4388-20RE
Misc : 4.97g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T6-E4-(0)

Quant Time: Aug 23 06:58:54 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: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

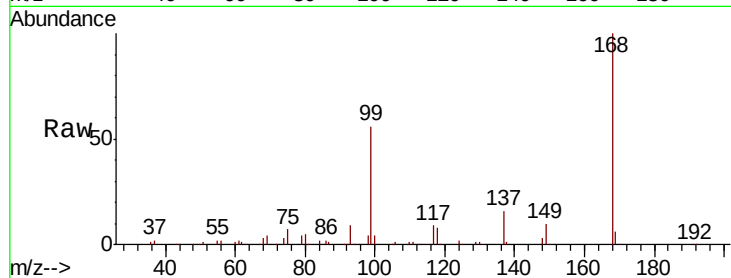
T6-E4-(0)

Tgt Ion:168 Resp: 940669

Ion Ratio Lower Upper

168 100

99 55.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

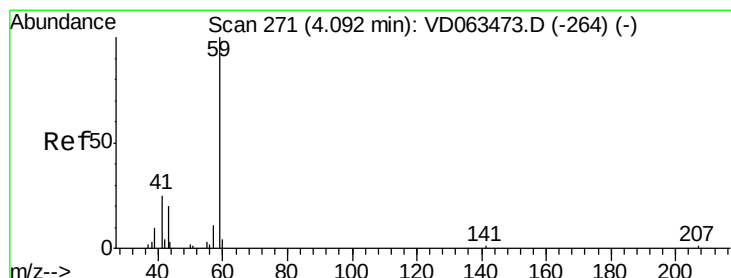
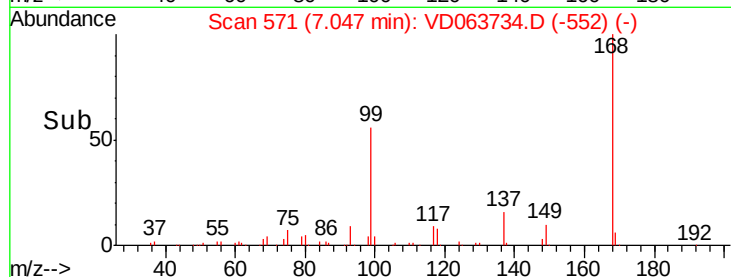
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.097 ug/l

RT: 4.08 min Scan# 270

Delta R.T. -0.01 min

Lab File: VD063734.D

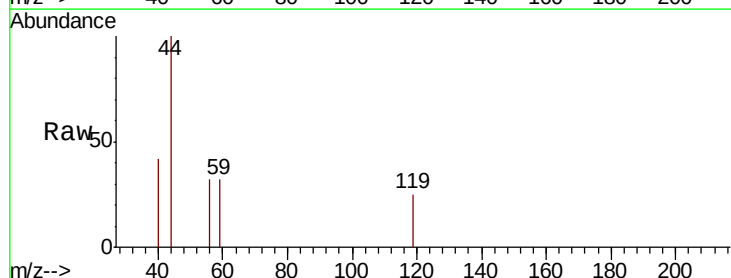
Acq: 22 Aug 2019 15:33

Tgt Ion: 59 Resp: 480

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.08

500

400

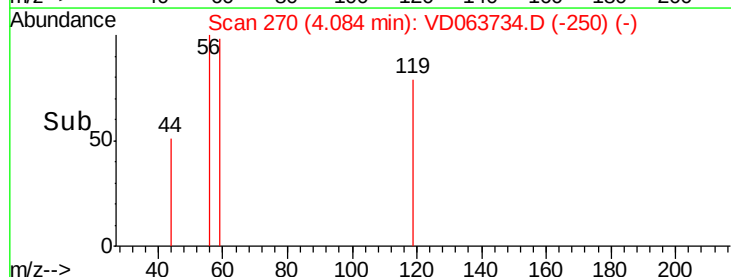
300

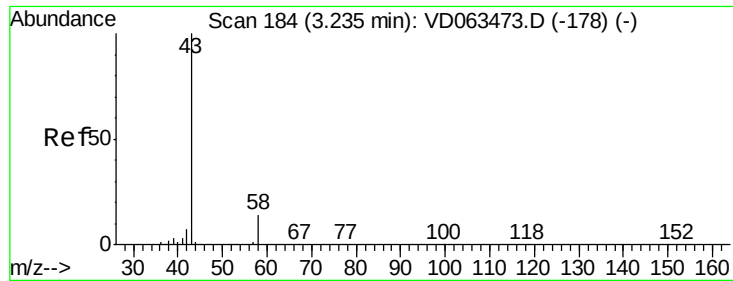
200

100

0

Time-->





#16

Acetone

Concen: 2.400 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

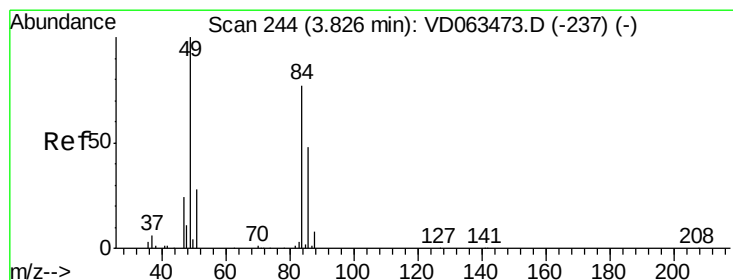
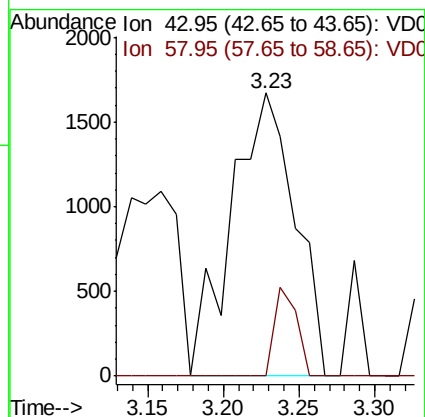
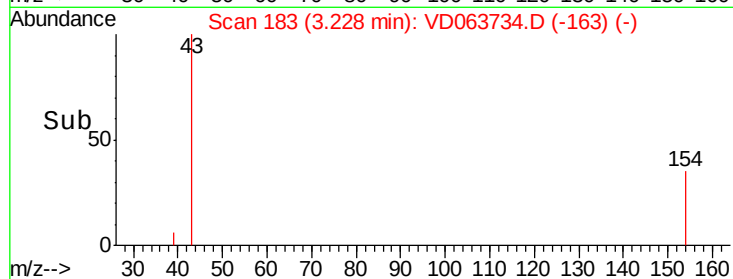
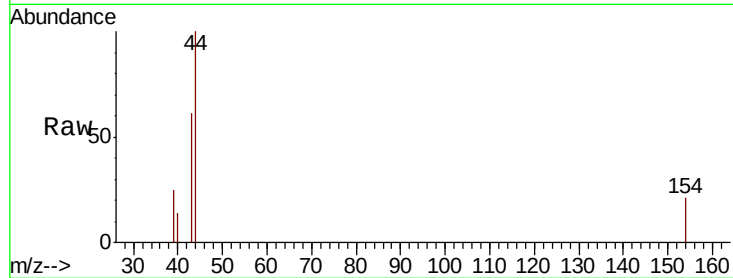
T6-E4-(0)

Tgt Ion: 43 Resp: 4905

Ion Ratio Lower Upper

43 100

58 0.0 11.4 17.2#



#20

Methylene Chloride

Concen: 5.628 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

Tgt Ion: 84 Resp: 49742

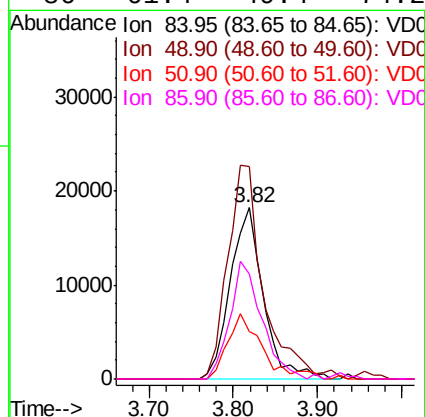
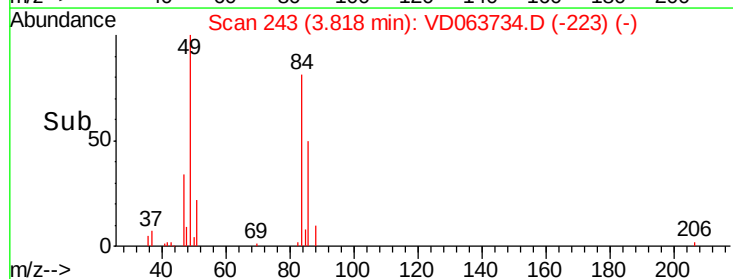
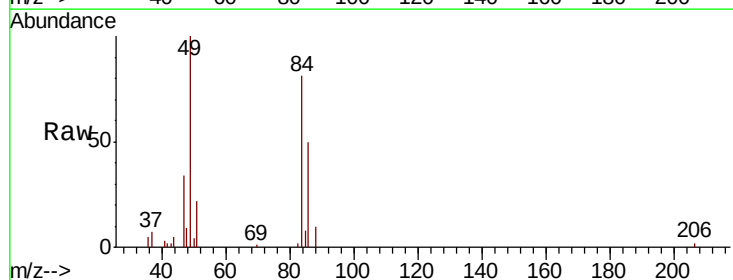
Ion Ratio Lower Upper

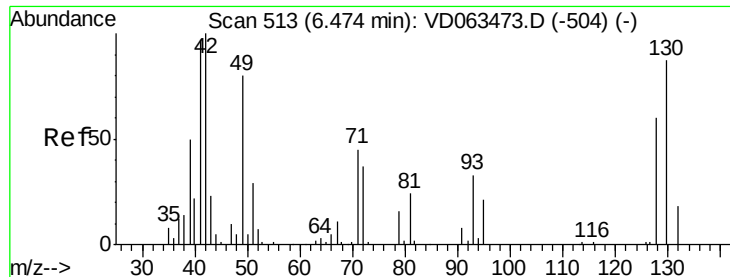
84 100

49 123.6 103.4 155.2

51 27.6 28.5 42.7#

86 61.4 49.4 74.2





#29

Tetrahydrofuran

Concen: 5.186 ug/l

RT: 6.48 min Scan# 513

Delta R.T. 0.00 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

T6-E4-(0)

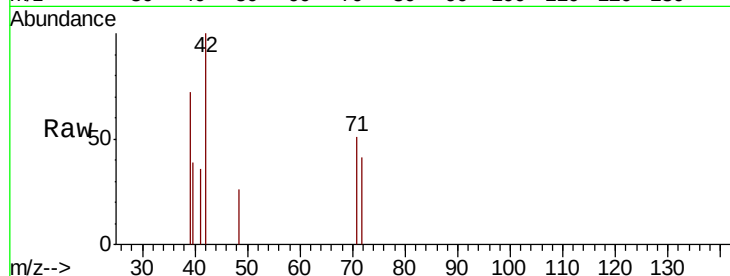
Tgt Ion: 42 Resp: 4878

Ion Ratio Lower Upper

42 100

72 36.0 31.5 47.3

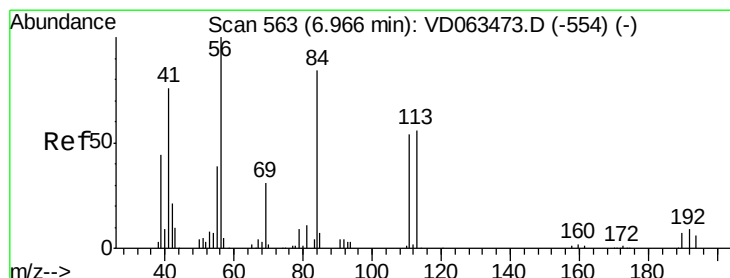
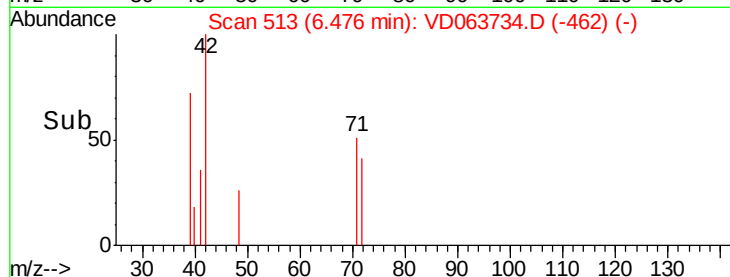
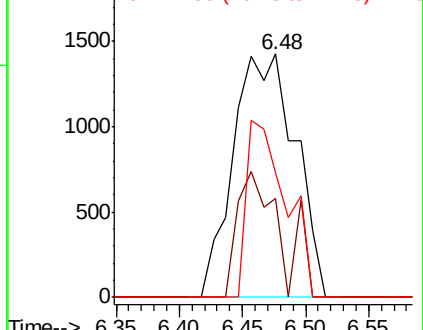
71 46.2 33.8 50.8



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



#31

Cyclohexane

Concen: 2.297 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.07 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

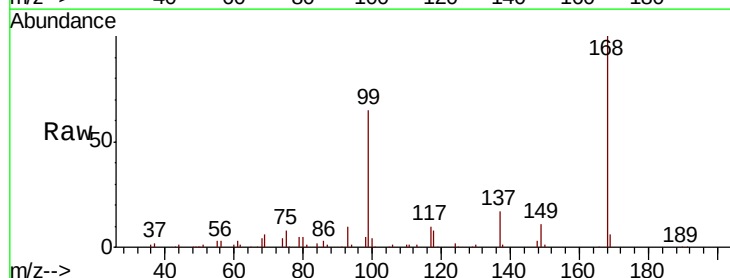
Tgt Ion: 56 Resp: 20855

Ion Ratio Lower Upper

56 100

69 190.9 25.0 37.6#

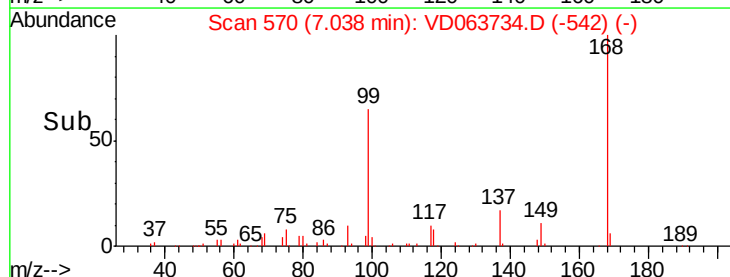
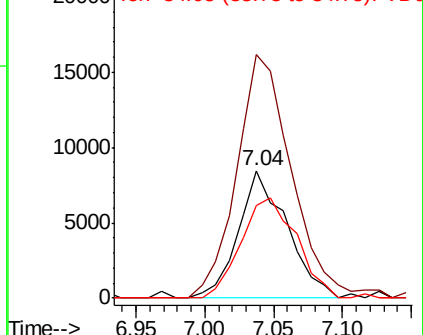
84 72.5 69.7 104.5

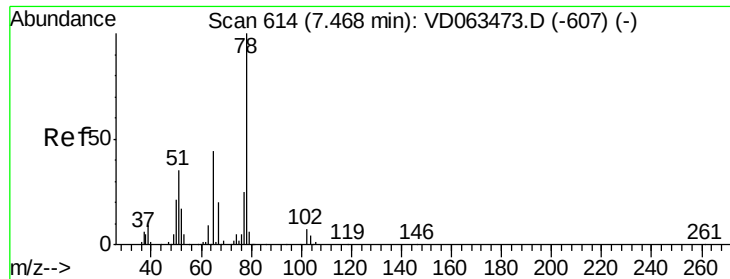


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

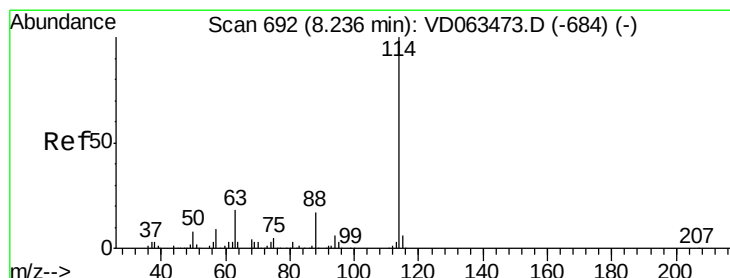
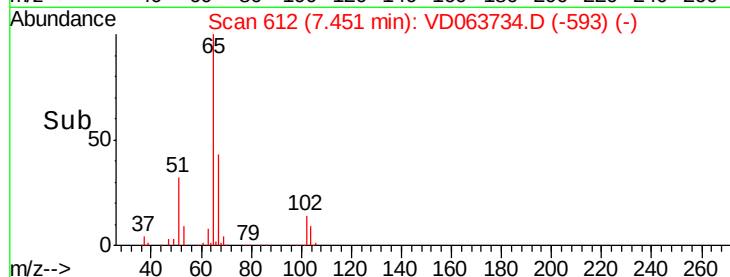
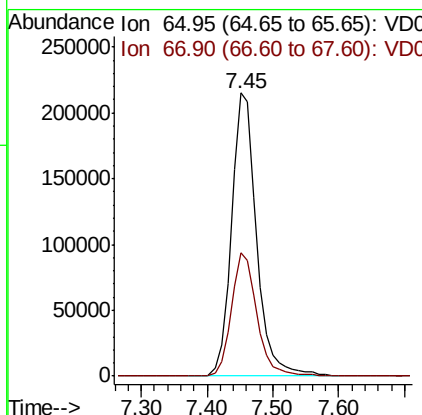
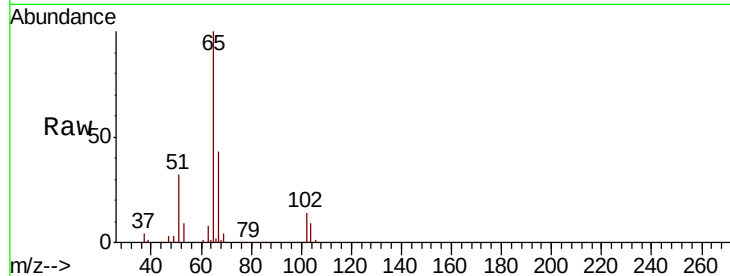




#33
 1,2-Dichloroethane-d4
 Concen: 56.997 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063734.D
 Acq: 22 Aug 2019 15:33

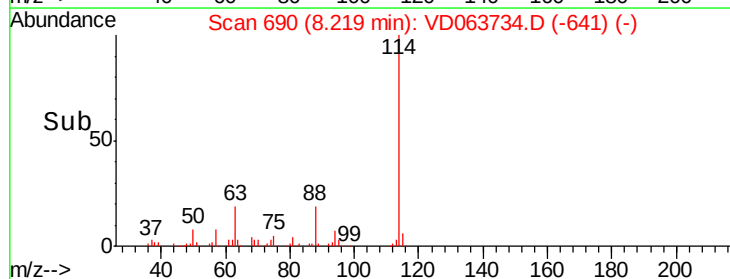
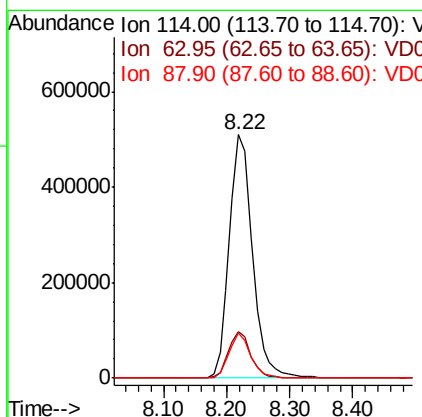
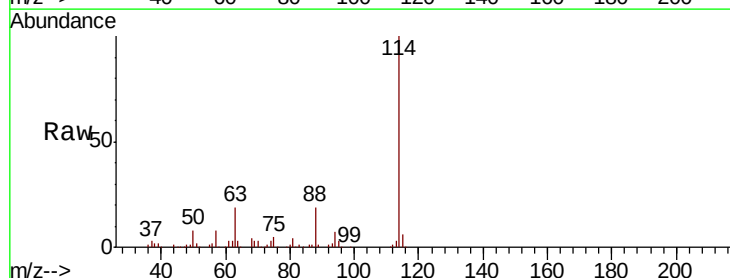
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E4-(0)

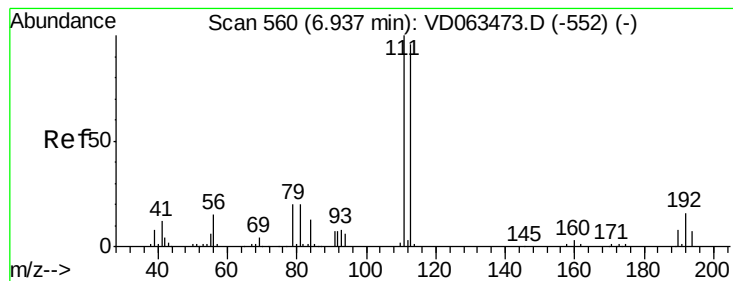
Tgt Ion: 65 Resp: 573107
 Ion Ratio Lower Upper
 65 100
 67 43.4 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063734.D
 Acq: 22 Aug 2019 15:33

Tgt Ion: 114 Resp: 1300318
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.2
 88 18.7 0.0 35.0





#35

Dibromofluoromethane

Concen: 62.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

T6-E4-(0)

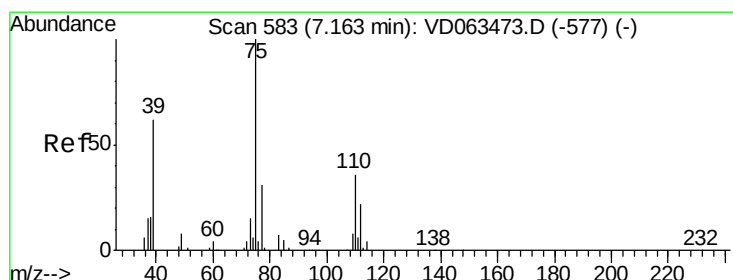
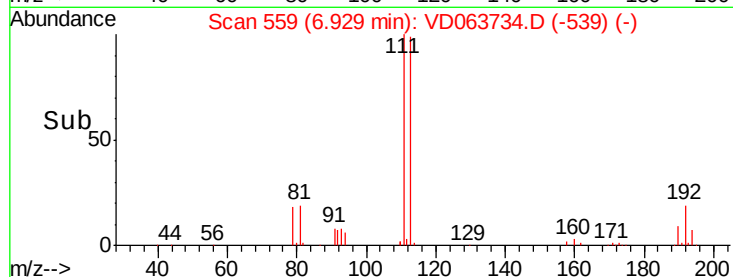
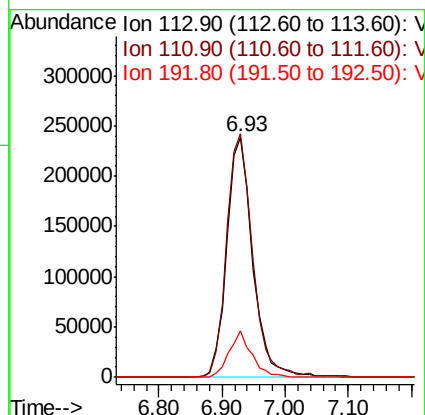
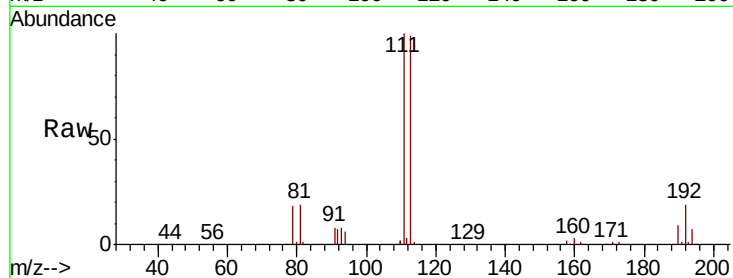
Tgt Ion:113 Resp: 678988

Ion Ratio Lower Upper

113 100

111 101.4 83.1 124.7

192 19.4 13.1 19.7



#36

1,1-Dichloropropene

Concen: 5.715 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.12 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

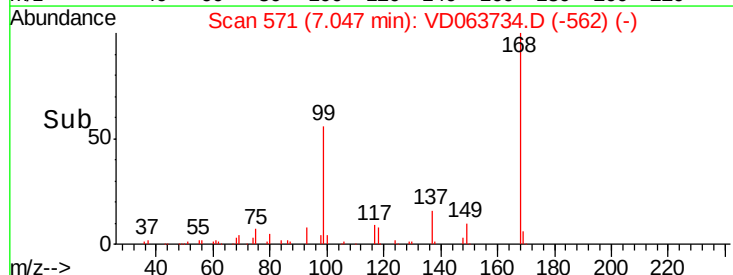
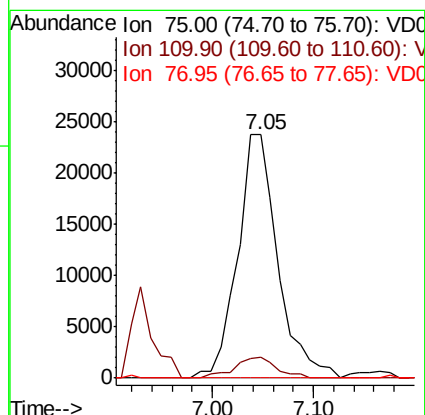
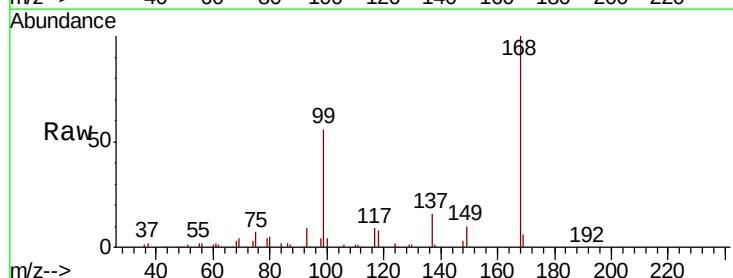
Tgt Ion: 75 Resp: 65691

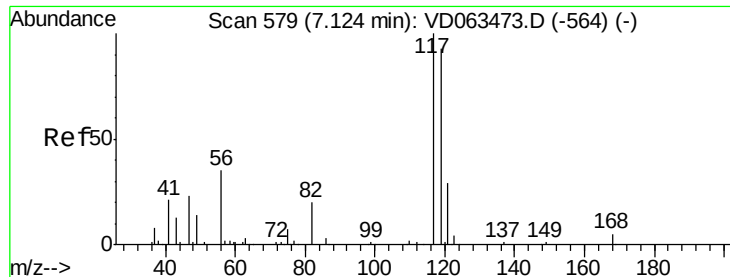
Ion Ratio Lower Upper

75 100

110 8.6 17.6 52.8#

77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.047 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.08 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

T6-E4-(0)

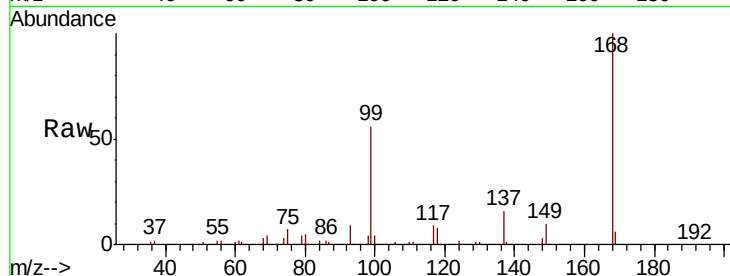
Tgt Ion:117 Resp: 87435

Ion Ratio Lower Upper

117 100

119 5.0 74.2 111.2#

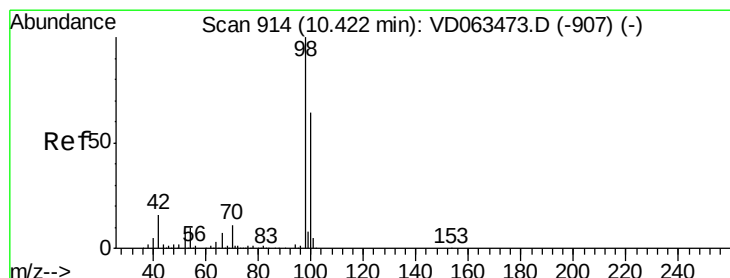
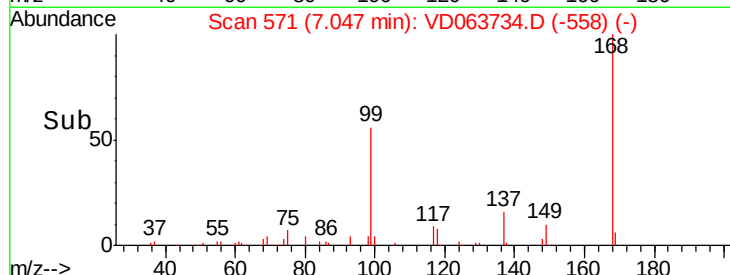
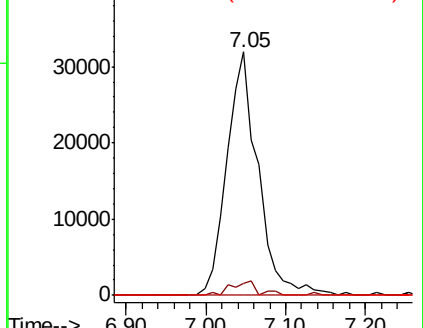
121 0.0 23.1 34.7#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: 57.844 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063734.D

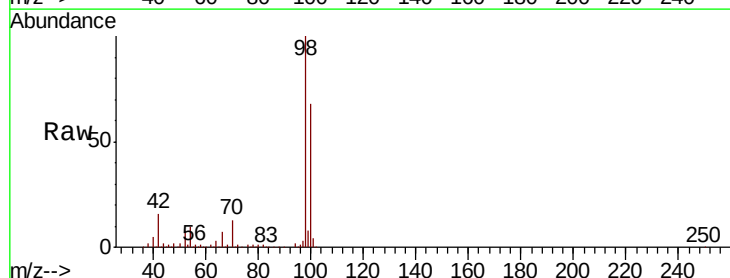
Acq: 22 Aug 2019 15:33

Tgt Ion: 98 Resp: 1392718

Ion Ratio Lower Upper

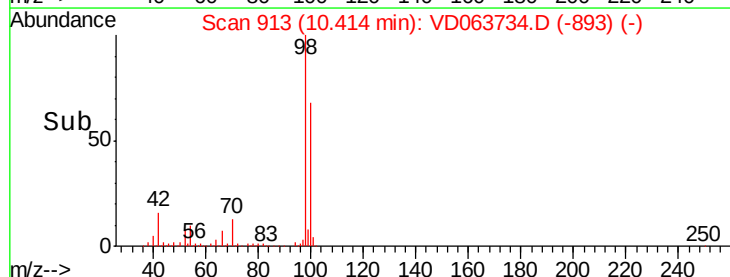
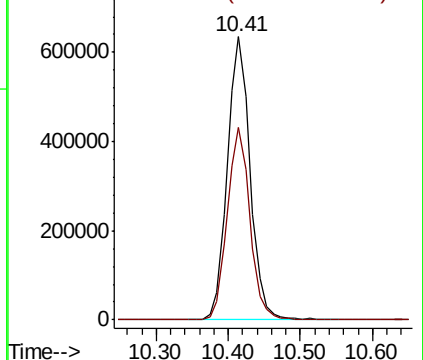
98 100

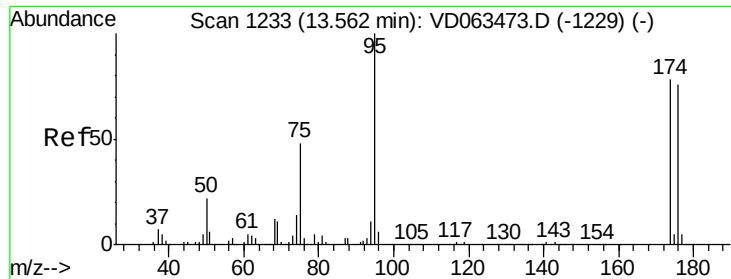
100 68.1 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 47.768 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

T6-E4-(0)

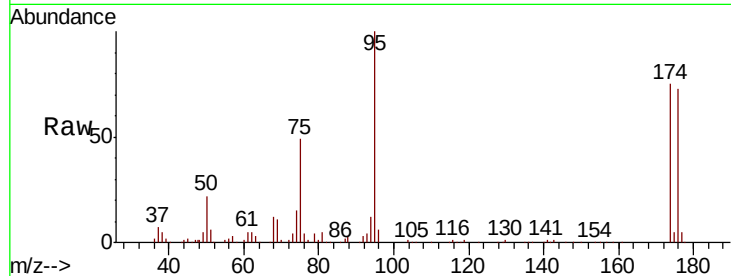
Tgt Ion: 95 Resp: 521279

Ion Ratio Lower Upper

95 100

174 74.7 0.0 155.4

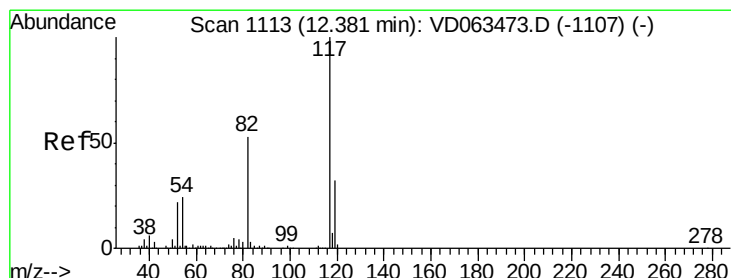
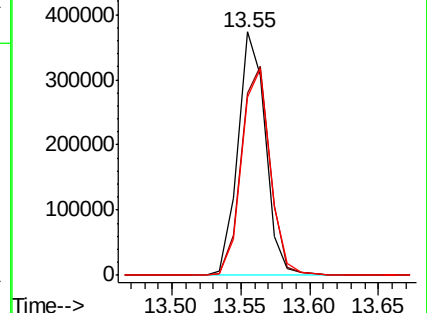
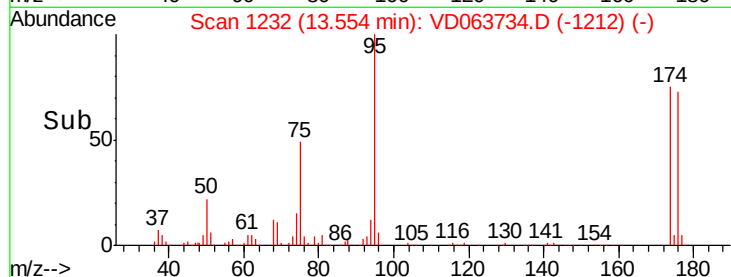
176 73.3 0.0 152.4



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# 1112

Delta R.T. -0.01 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

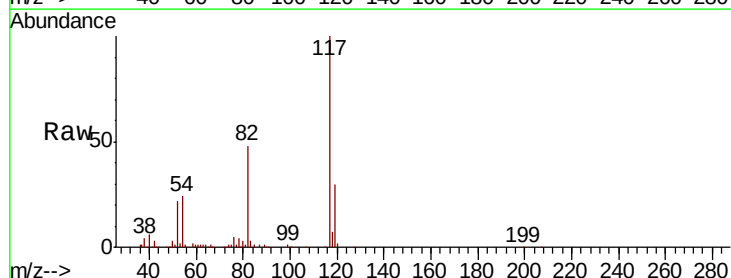
Tgt Ion: 117 Resp: 997006

Ion Ratio Lower Upper

117 100

82 47.9 42.0 63.0

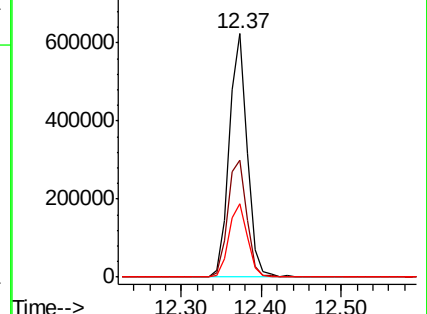
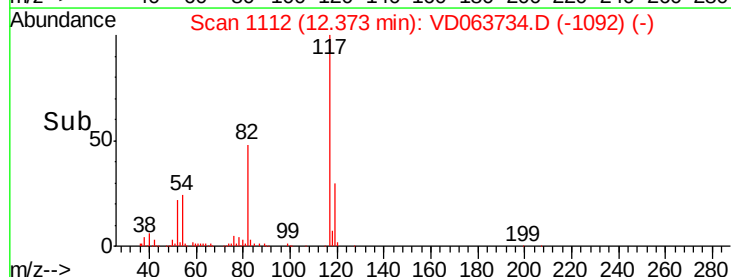
119 30.4 25.4 38.0

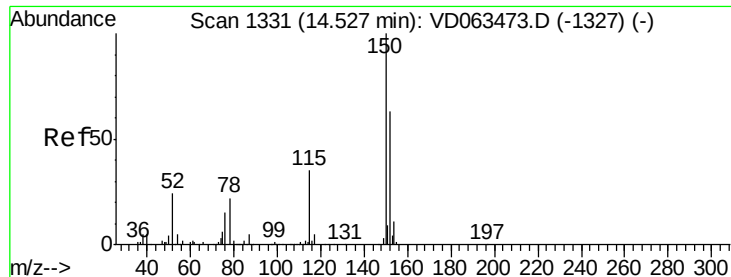


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

T6-E4-(0)

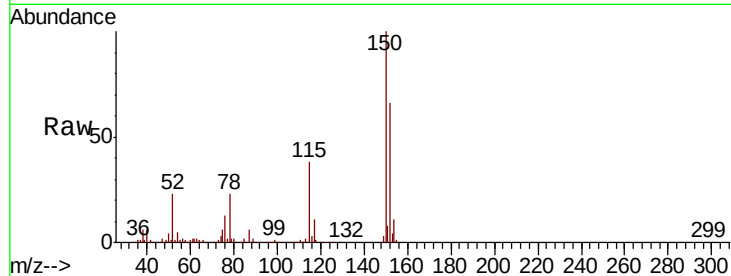
Tgt Ion:152 Resp: 394320

Ion Ratio Lower Upper

152 100

115 57.6 30.9 92.7

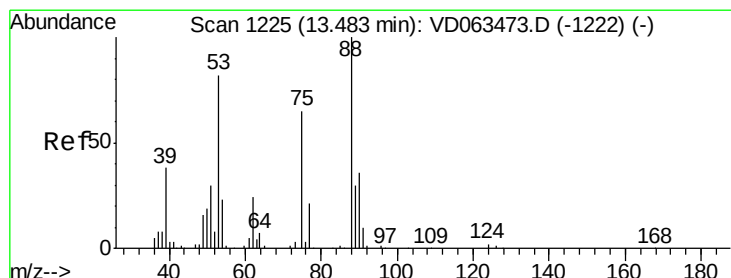
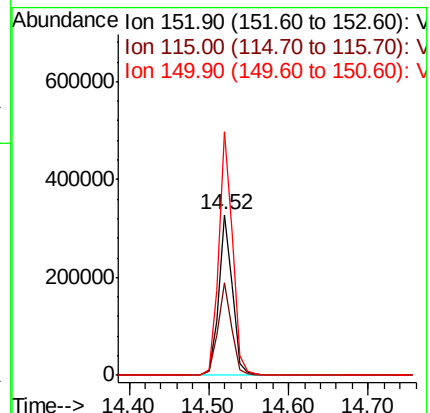
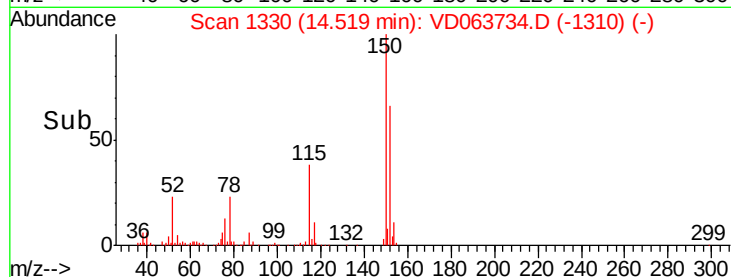
150 151.5 0.0 318.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 192.368 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

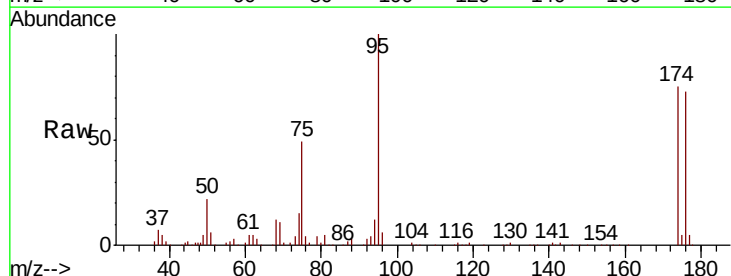
Tgt Ion: 75 Resp: 233983

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

