

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082019\
 Data File : VD063680.D
 Acq On : 20 Aug 2019 13:11
 Operator : JC/SY
 Sample : K4385-12RE
 Misc : 5.34g/5ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-B-(2)RE

Quant Time: Aug 21 03:50:07 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	860402	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	1319717	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	742419	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	211000	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	502629	54.65	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	6.91	113	601470	54.11	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	108.22%	
50) Toluene-d8	10.39	98	1058068	43.30	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	86.60%	
62) 4-Bromofluorobenzene	13.55	95	295647	26.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.38%	

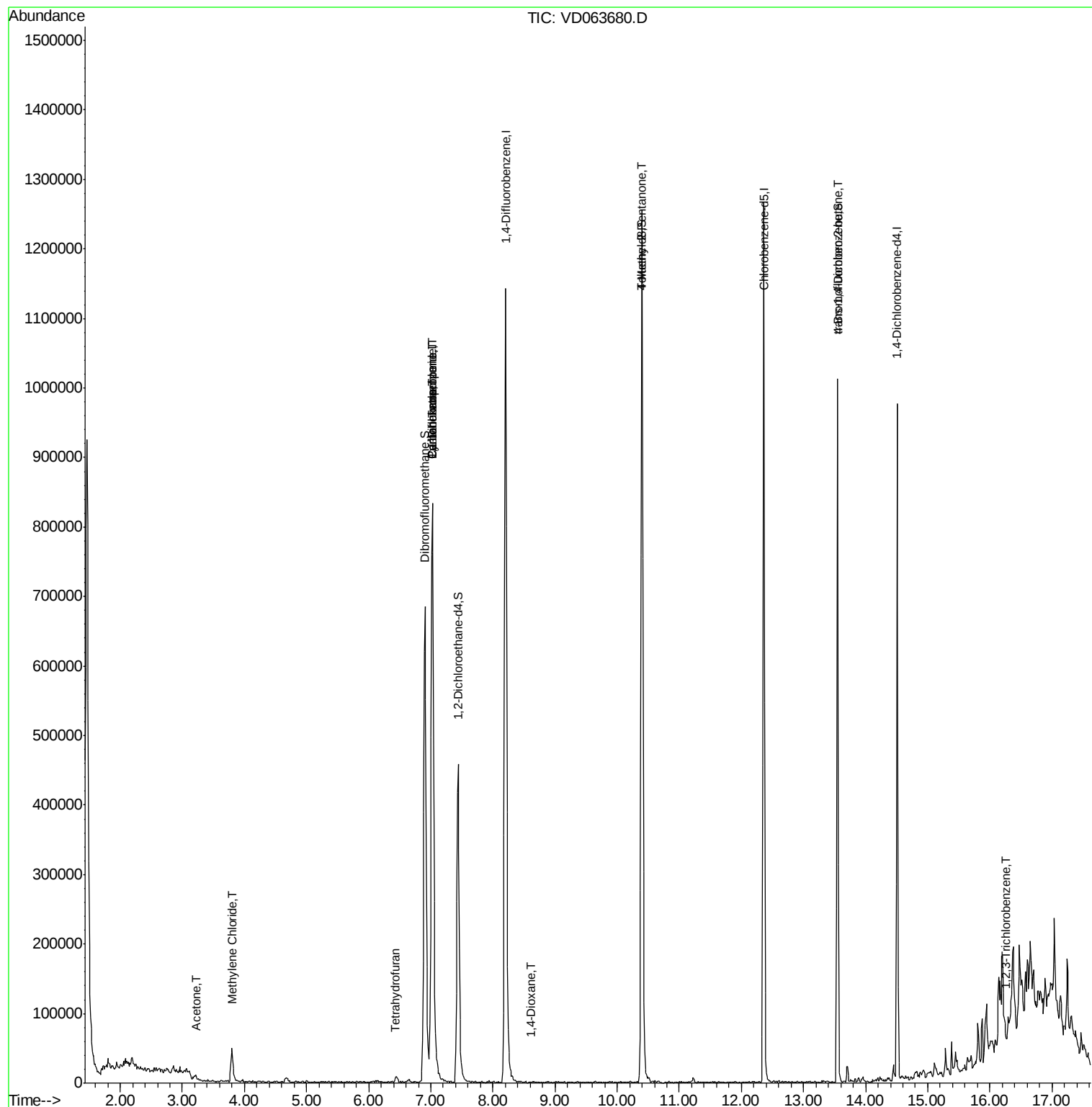
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.21	43	15996	8.556	ug/l #	91
20) Methylene Chloride	3.80	84	26539	3.283	ug/l #	87
29) Tetrahydrofuran	6.43	42	6576	7.643	ug/l #	35
31) Cyclohexane	7.03	56	18505	2.228	ug/l #	3
36) 1,1-Dichloropropene	7.04	75	67244	5.764	ug/l #	50
38) Carbon Tetrachloride	7.02	117	80938	4.603	ug/l #	19
49) 1,4-Dioxane	8.62	88	183	29.241	ug/l #	34
51) 4-Methyl-2-Pentanone	10.39	43	6820	1.522	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	134083	206.010	ug/l #	1
96) 1,2,3-Trichlorobenzene	16.26	180	3616	1.081	ug/l	69

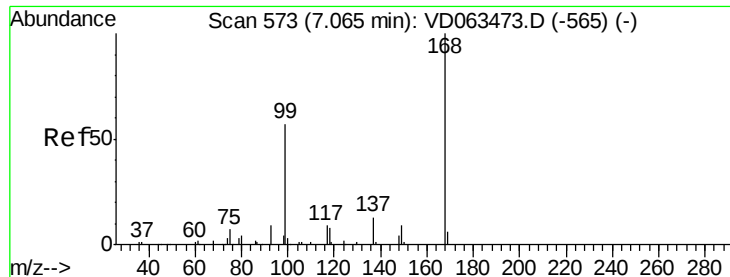
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082019\
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Quant Time: Aug 21 03:50:07 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: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063680.D

Acq: 20 Aug 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

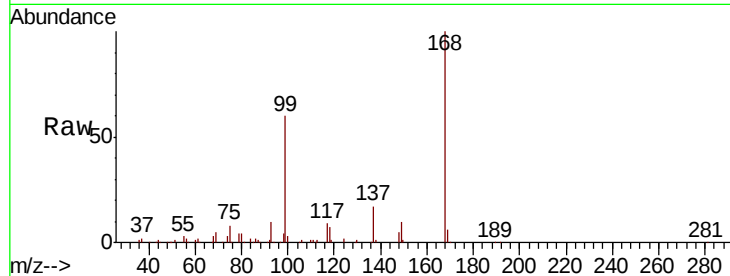
T8-B-(2)RE

Tgt Ion:168 Resp: 860402

Ion Ratio Lower Upper

168 100

99 59.5 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

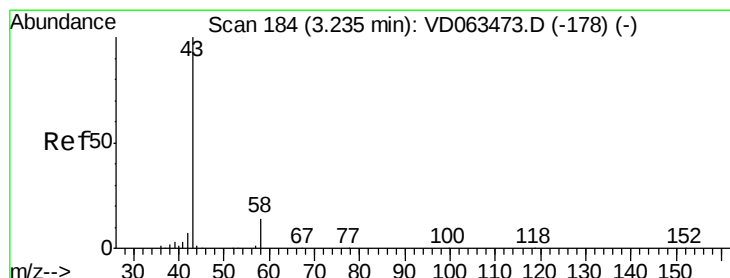
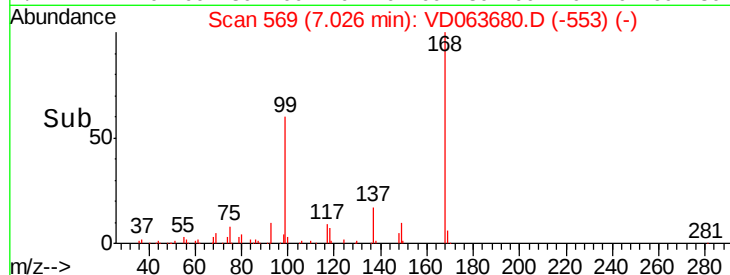
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.556 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063680.D

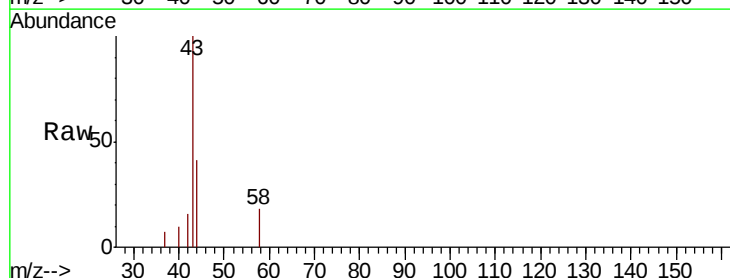
Acq: 20 Aug 2019 13:11

Tgt Ion: 43 Resp: 15996

Ion Ratio Lower Upper

43 100

58 18.1 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

5000

4000

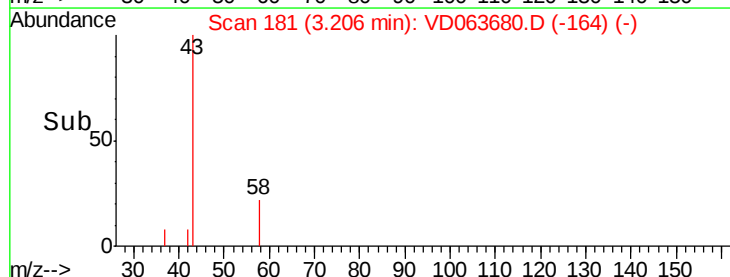
3000

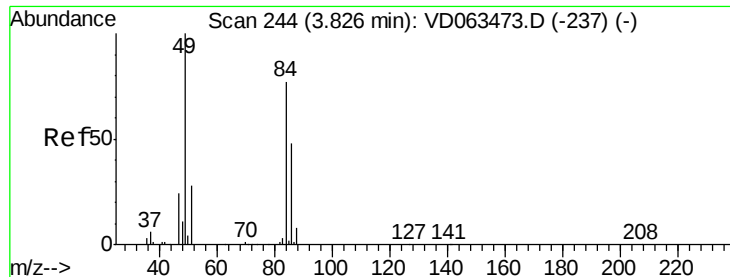
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 3.283 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD063680.D

Acq: 20 Aug 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

T8-B-(2)RE

Tgt Ion: 84 Resp: 26539

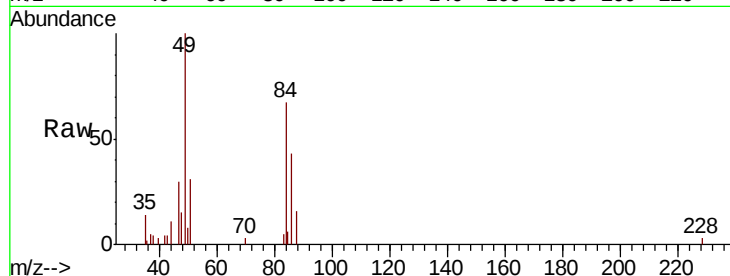
Ion Ratio Lower Upper

84 100

49 148.6 103.4 155.2

51 45.4 28.5 42.7#

86 64.2 49.4 74.2

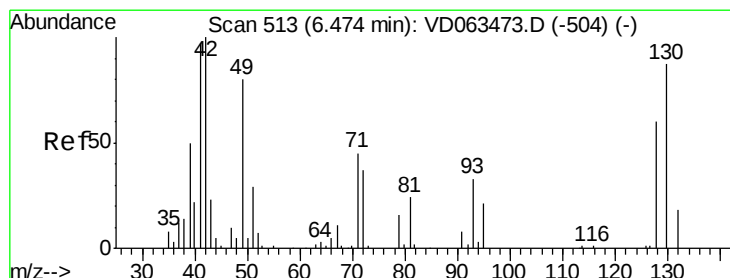
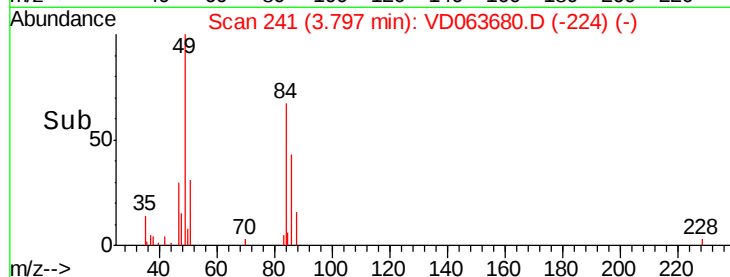
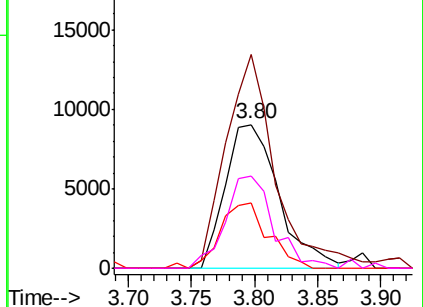


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#29

Tetrahydrofuran

Concen: 7.643 ug/l

RT: 6.43 min Scan# 508

Delta R.T. -0.05 min

Lab File: VD063680.D

Acq: 20 Aug 2019 13:11

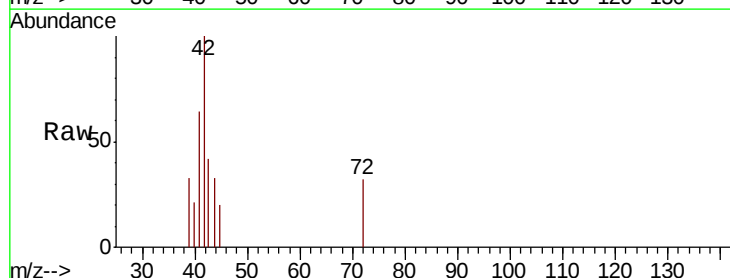
Tgt Ion: 42 Resp: 6576

Ion Ratio Lower Upper

42 100

72 0.0 31.5 47.3#

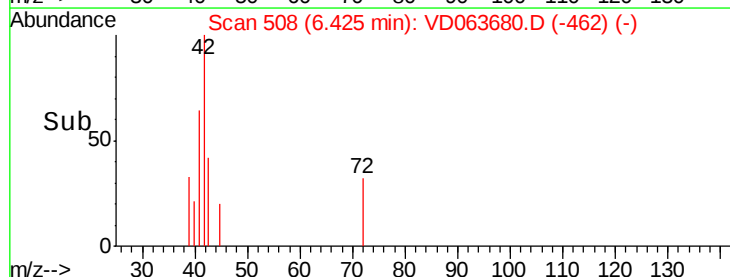
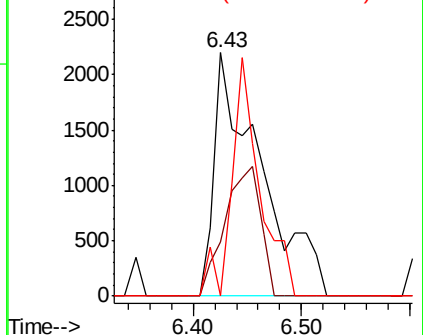
71 0.0 33.8 50.8#

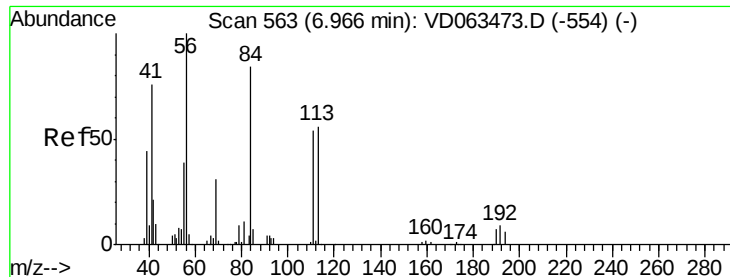


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

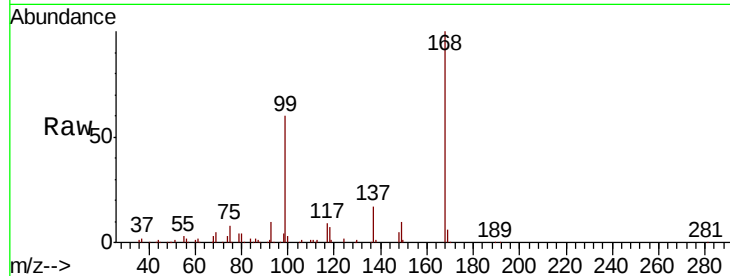




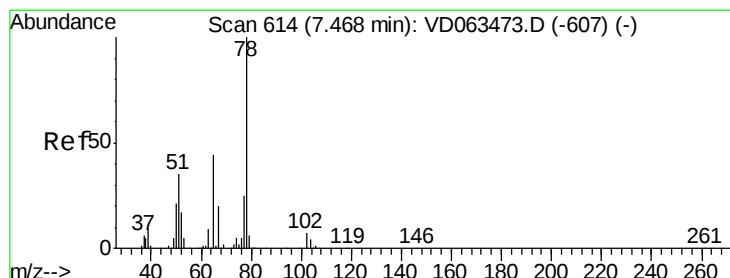
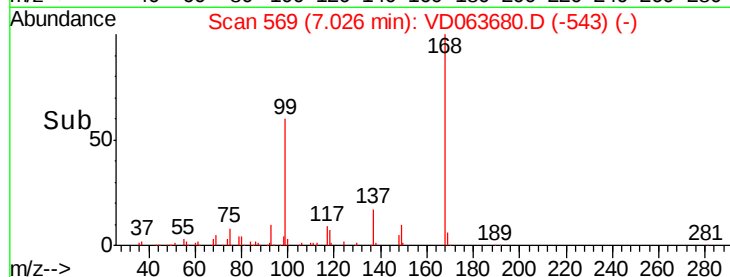
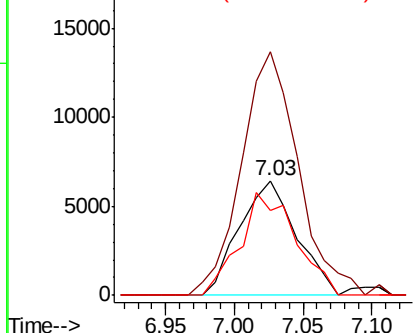
#31
Cyclohexane
Concen: 2.228 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.06 min
Lab File: VD063680.D
Acq: 20 Aug 2019 13:11

Instrument :
MSVOA_D
ClientSampleId :
T8-B-(2)RE

Tgt Ion: 56 Resp: 18505
Ion Ratio Lower Upper
56 100
69 212.4 25.0 37.6#
84 73.7 69.7 104.5

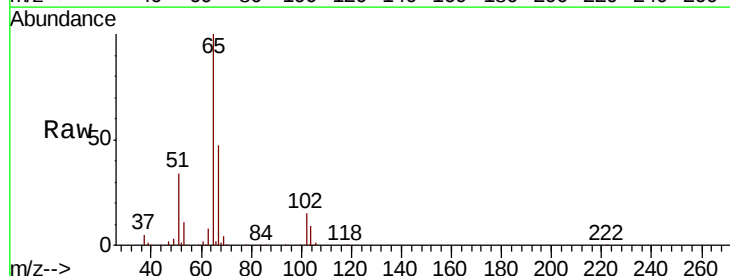


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

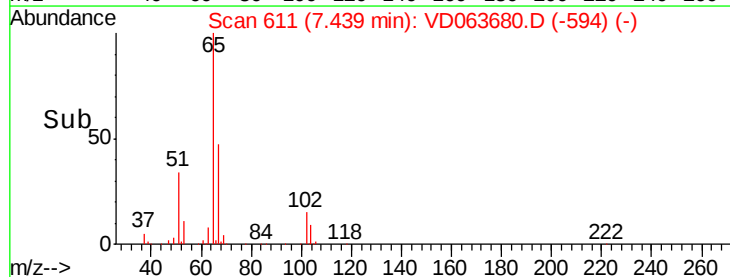
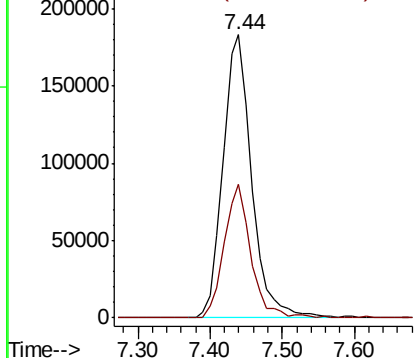


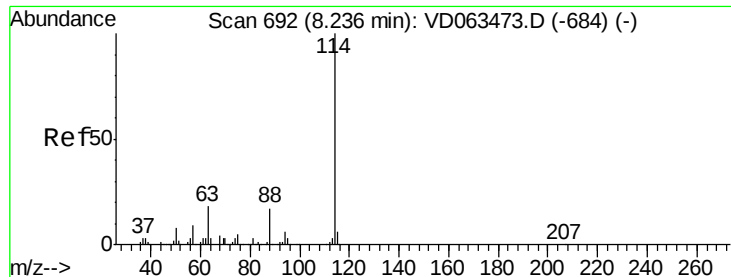
#33
1,2-Dichloroethane-d4
Concen: 54.651 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063680.D
Acq: 20 Aug 2019 13:11

Tgt Ion: 65 Resp: 502629
Ion Ratio Lower Upper
65 100
67 47.0 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063680.D

Acq: 20 Aug 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

T8-B-(2)RE

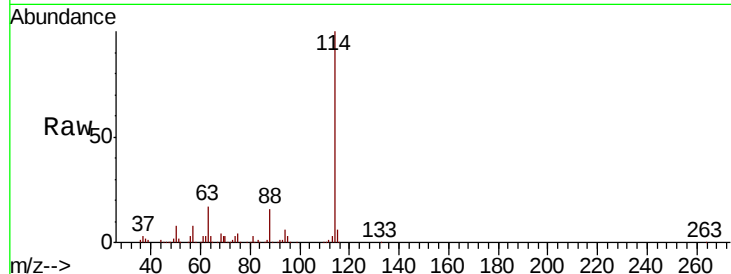
Tgt Ion:114 Resp: 1319717

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.2

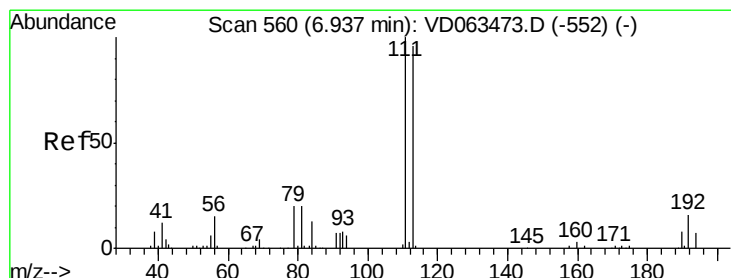
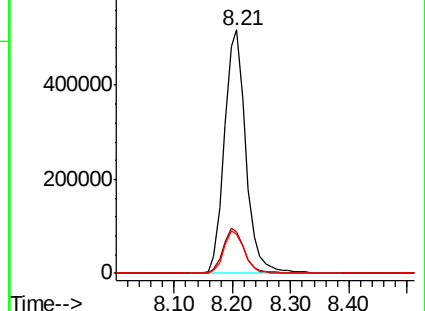
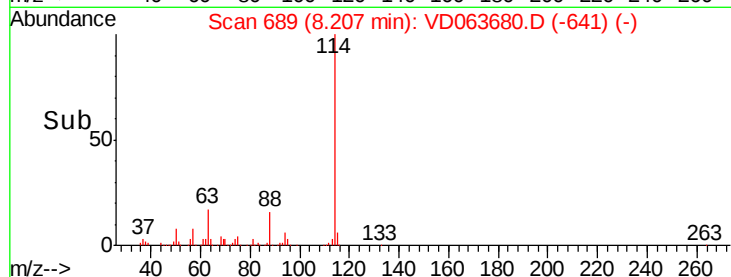
88 16.0 0.0 35.0



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: 54.115 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063680.D

Acq: 20 Aug 2019 13:11

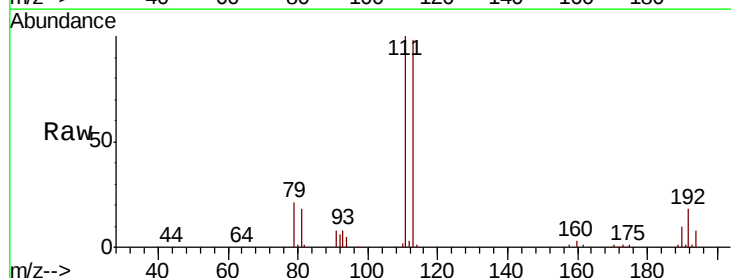
Tgt Ion:113 Resp: 601470

Ion Ratio Lower Upper

113 100

111 101.8 83.1 124.7

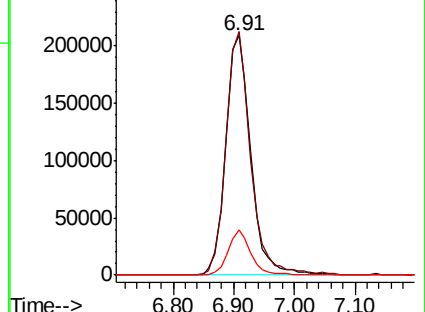
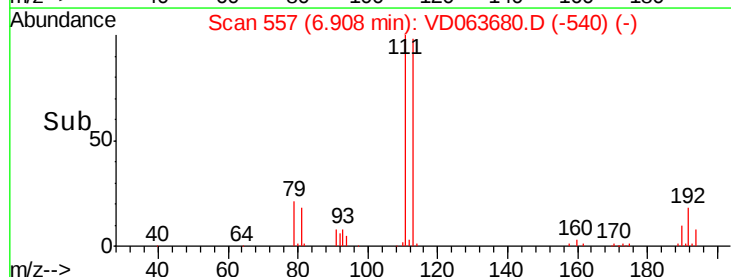
192 18.6 13.1 19.7

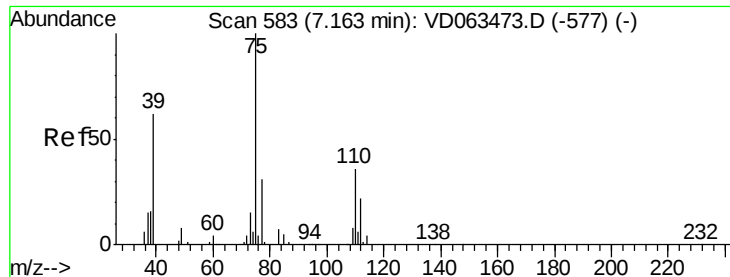


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.764 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.13 min

Lab File: VD063680.D

Acq: 20 Aug 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

T8-B-(2)RE

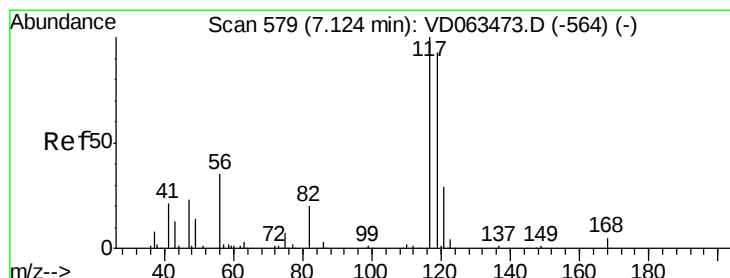
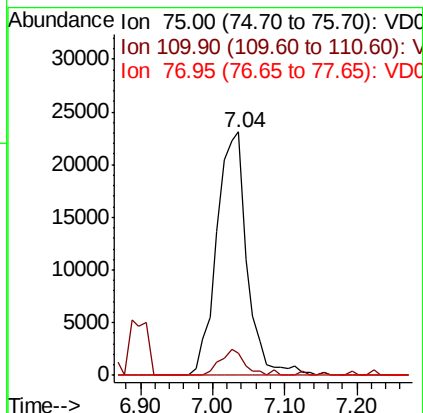
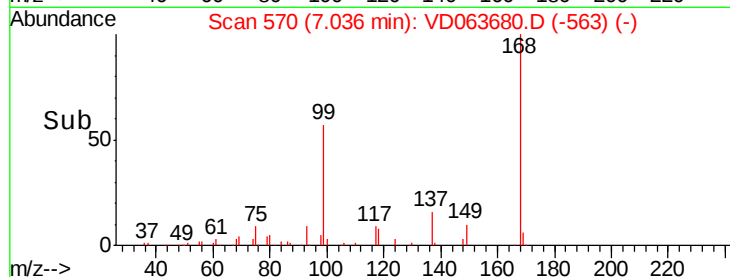
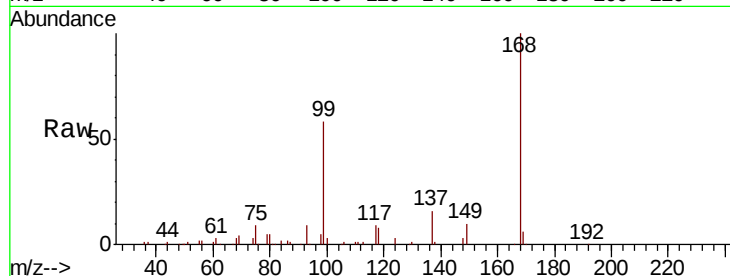
Tgt Ion: 75 Resp: 67244

Ion Ratio Lower Upper

75 100

110 9.1 17.6 52.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.603 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.11 min

Lab File: VD063680.D

Acq: 20 Aug 2019 13:11

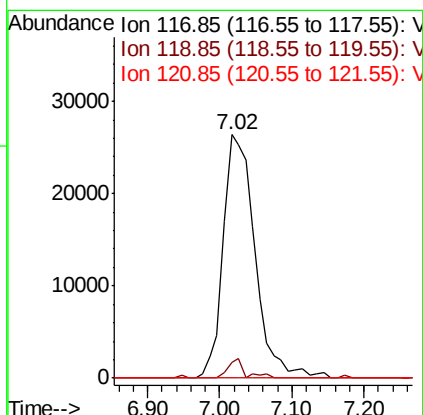
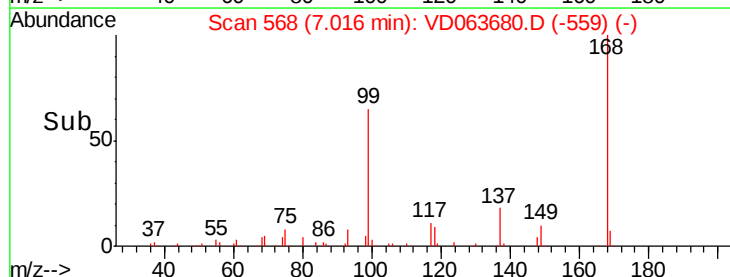
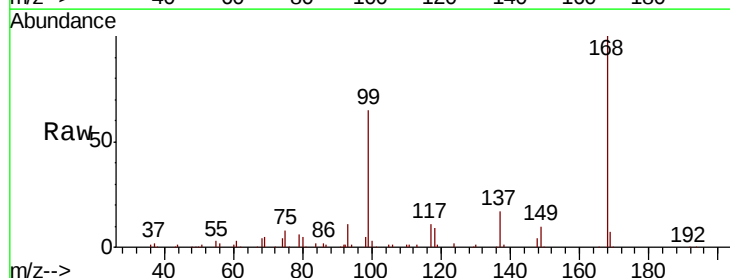
Tgt Ion: 117 Resp: 80938

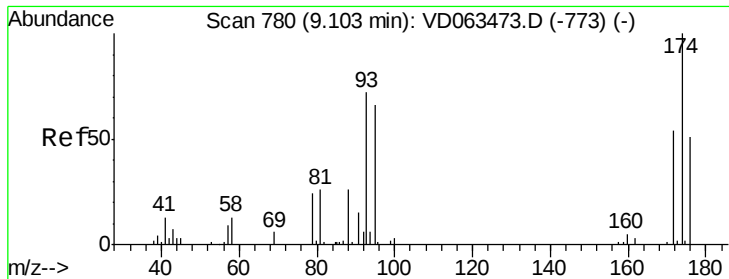
Ion Ratio Lower Upper

117 100

119 6.7 74.2 111.2#

121 0.0 23.1 34.7#

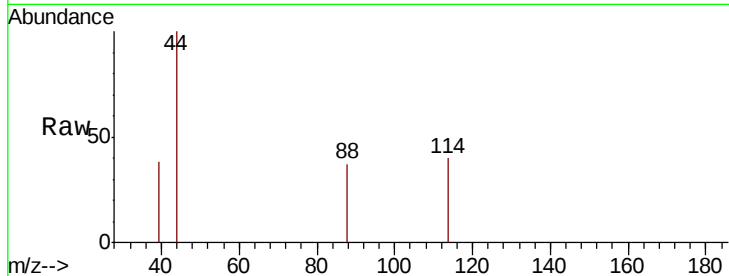




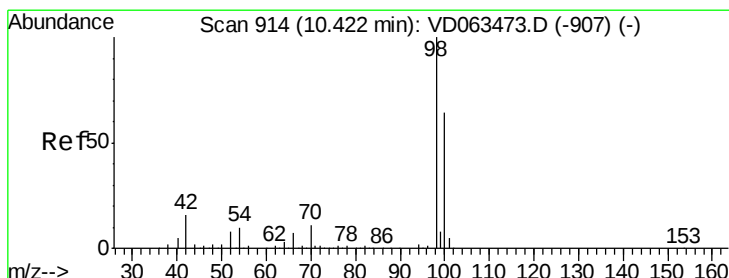
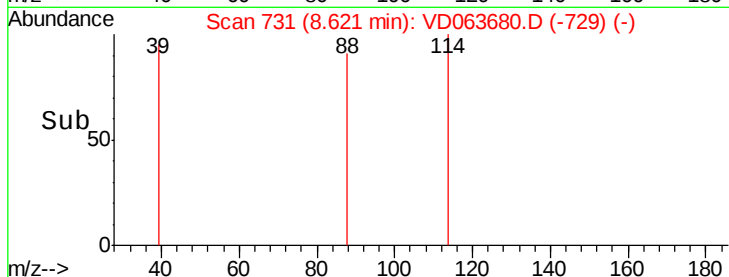
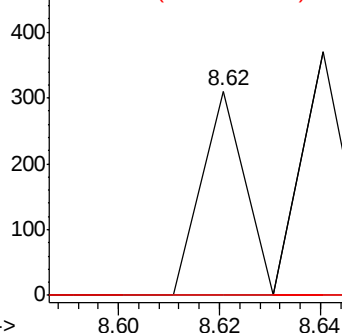
#49
 1,4-Dioxane
 Concen: 29.241 ug/l
 RT: 8.62 min Scan# 731
 Delta R.T. -0.48 min
 Lab File: VD063680.D
 Acq: 20 Aug 2019 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-B-(2)RE

Tgt Ion: 88 Resp: 183
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.9 34.3#
 58 0.0 40.1 60.1#

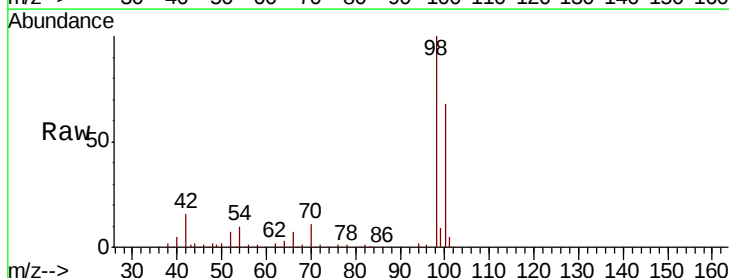


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

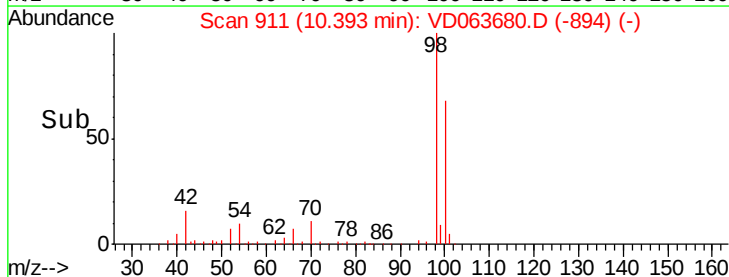
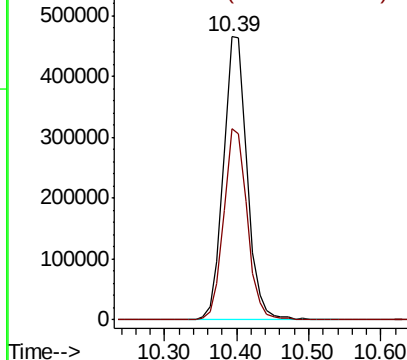


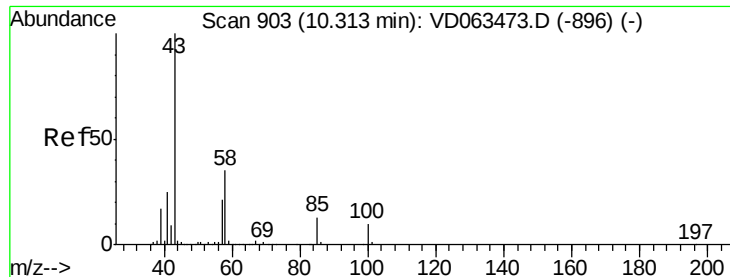
#50
 Toluene-d8
 Concen: 43.299 ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. -0.03 min
 Lab File: VD063680.D
 Acq: 20 Aug 2019 13:11

Tgt Ion: 98 Resp: 1058068
 Ion Ratio Lower Upper
 98 100
 100 67.7 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC

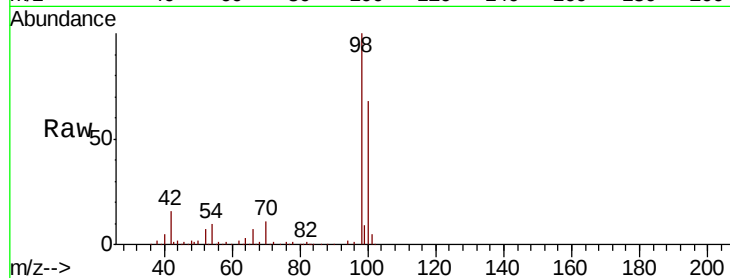




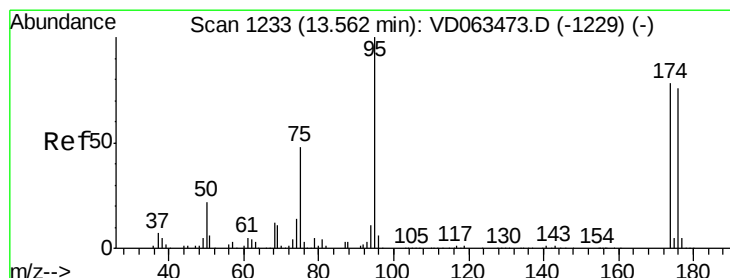
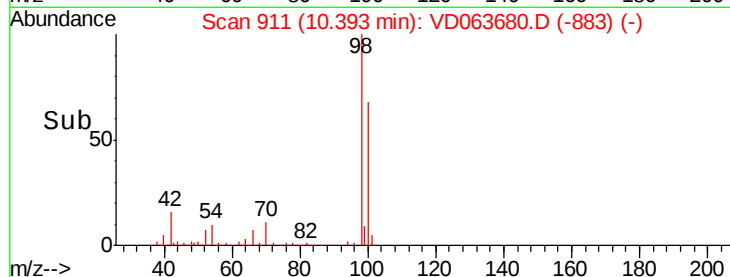
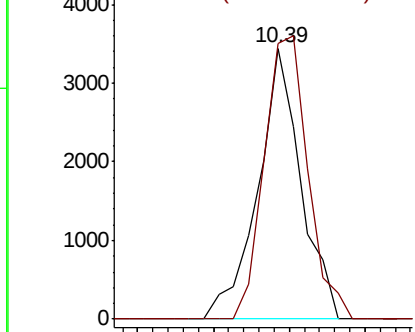
#51
 4-Methyl-2-Pentanone
 Concen: 1.522 ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. 0.08 min
 Lab File: VD063680.D
 Acq: 20 Aug 2019 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-B-(2)RE

Tgt Ion: 43 Resp: 6820
 Ion Ratio Lower Upper
 43 100
 58 101.5 28.0 42.0#

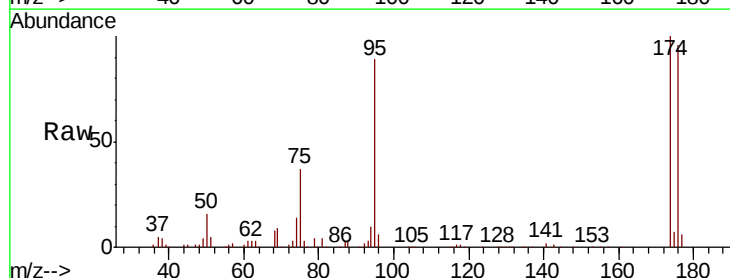


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

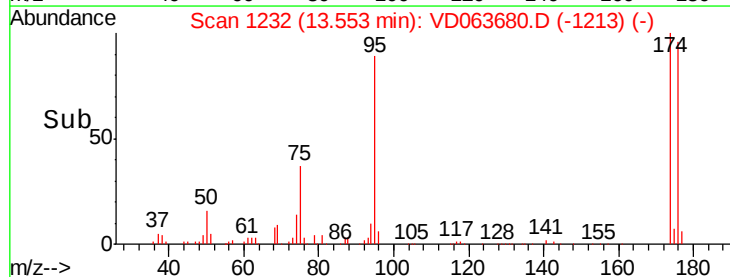
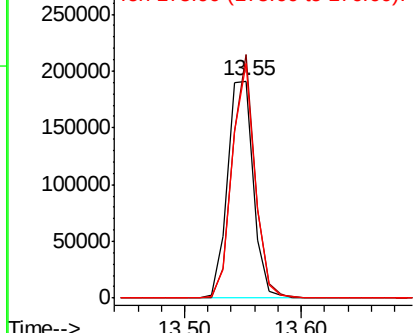


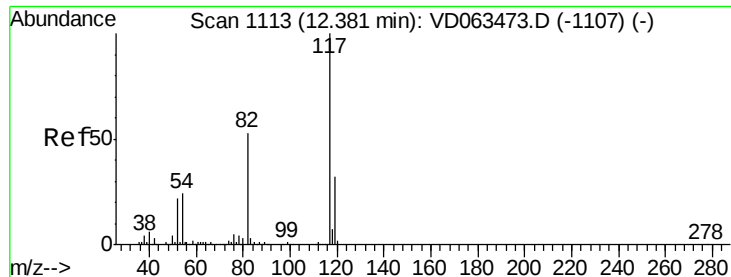
#62
 4-Bromofluorobenzene
 Concen: 26.694 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: VD063680.D
 Acq: 20 Aug 2019 13:11

Tgt Ion: 95 Resp: 295647
 Ion Ratio Lower Upper
 95 100
 174 112.3 0.0 155.4
 176 108.2 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VDC
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

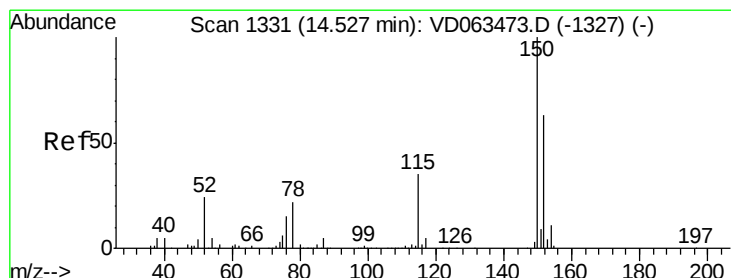
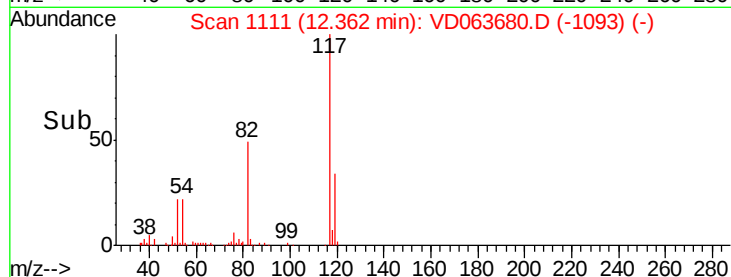
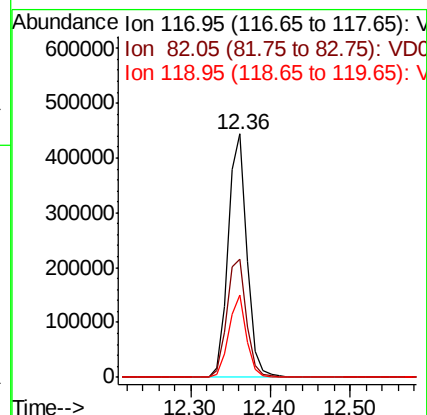
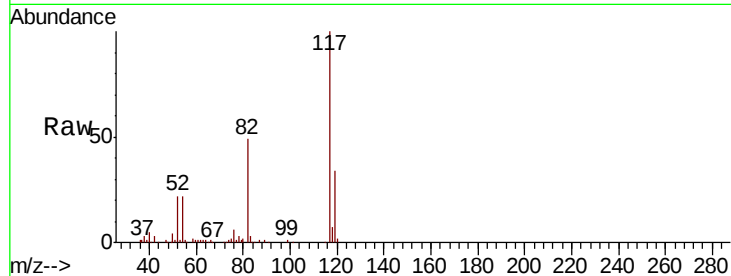




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063680.D
Acq: 20 Aug 2019 13:11

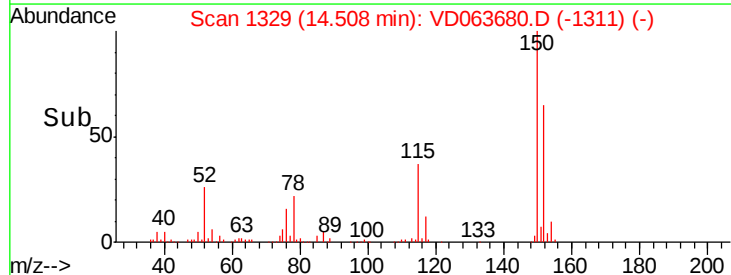
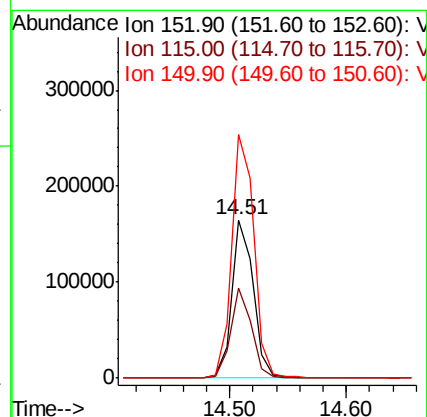
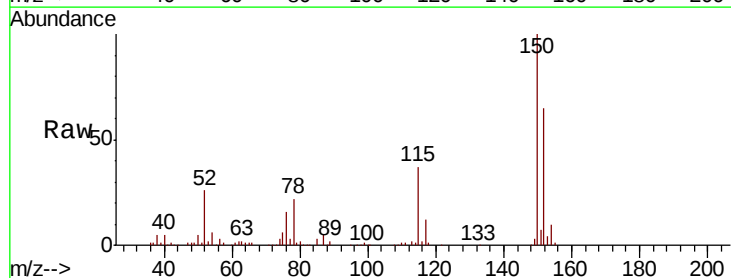
Instrument :
MSVOA_D
ClientSampleId :
T8-B-(2)RE

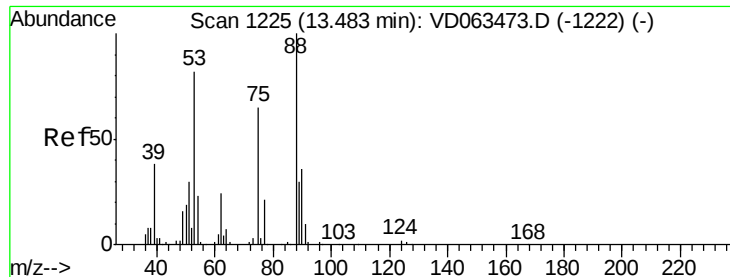
Tgt Ion:117 Resp: 742419
Ion Ratio Lower Upper
117 100
82 48.5 42.0 63.0
119 33.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063680.D
Acq: 20 Aug 2019 13:11

Tgt Ion:152 Resp: 211000
Ion Ratio Lower Upper
152 100
115 56.7 30.9 92.7
150 153.6 0.0 318.6





#81

trans-1,4-Dichloro-2-butene

Concen: 206.010 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD063680.D

Acq: 20 Aug 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

T8-B-(2)RE

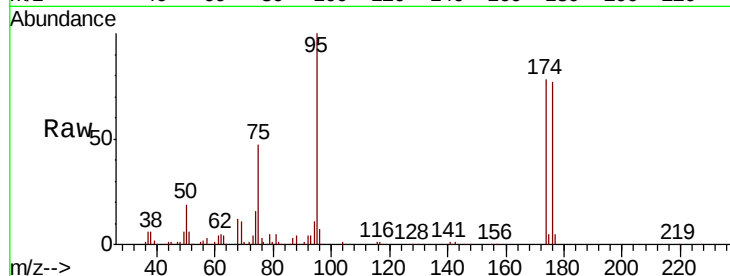
Tgt Ion: 75 Resp: 134083

Ion Ratio Lower Upper

75 100

53 0.0 101.0 151.4#

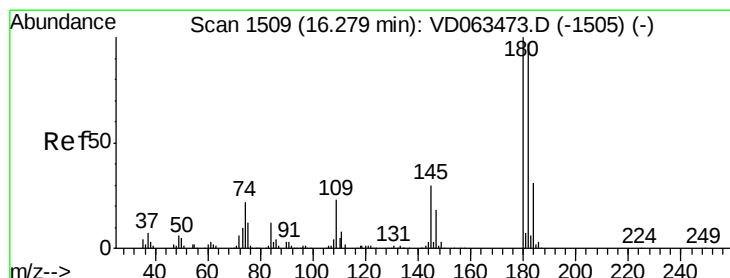
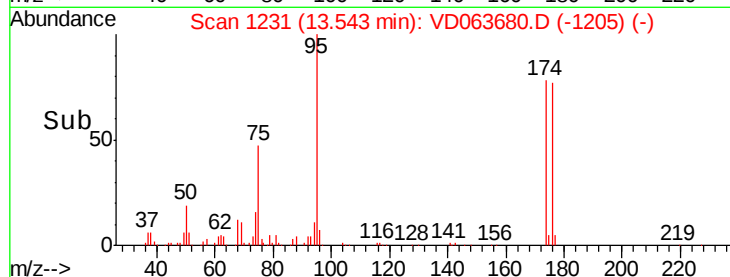
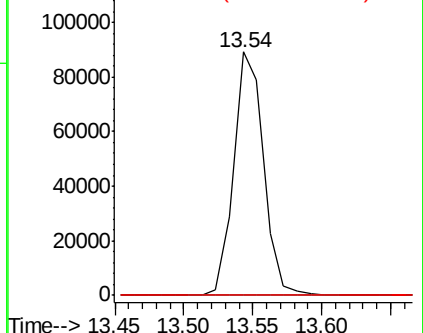
89 0.0 37.0 55.6#



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



#96

1,2,3-Trichlorobenzene

Concen: 1.081 ug/l

RT: 16.26 min Scan# 1507

Delta R.T. -0.02 min

Lab File: VD063680.D

Acq: 20 Aug 2019 13:11

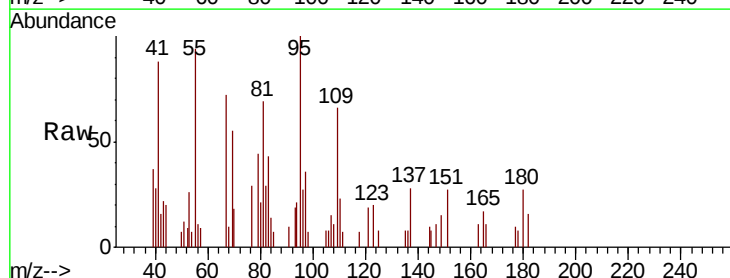
Tgt Ion: 180 Resp: 3616

Ion Ratio Lower Upper

180 100

182 58.3 48.4 145.2

145 28.4 14.9 44.9



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

