

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052819\
 Data File : VD062541.D
 Acq On : 28 May 2019 16:20
 Operator : VA/AP
 Sample : K3074-08
 Misc : 4.38g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3B-D2

Quant Time: May 29 01:01:19 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

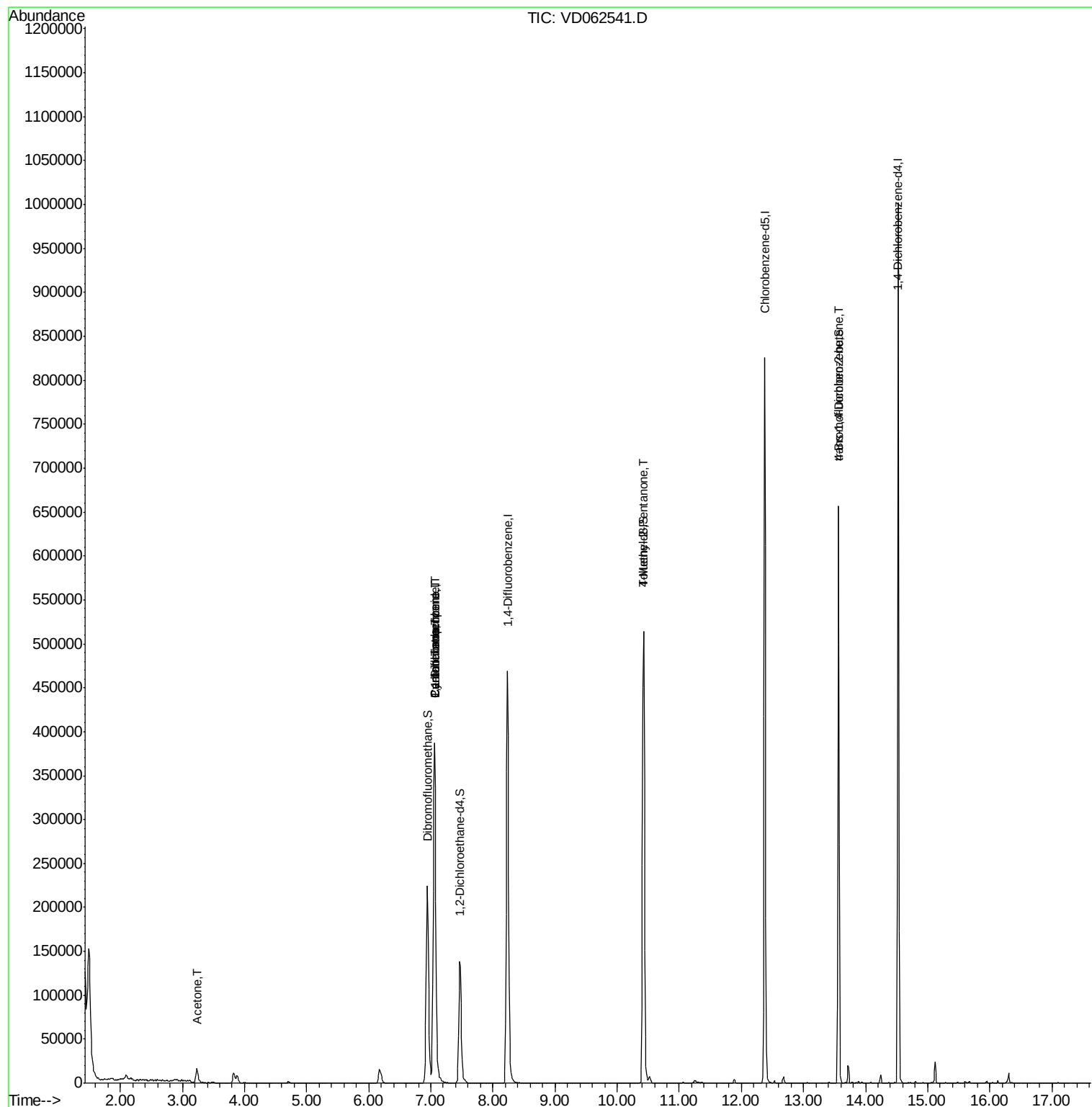
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	357802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	478110	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	407297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	231110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	174078	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
35) Dibromofluoromethane	6.94	113	197277	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
50) Toluene-d8	10.43	98	399949	42.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.74%	
62) 4-Bromofluorobenzene	13.57	95	178382	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	32381	47.180	ug/l #	83
20) Methylene Chloride	3.82	84	6721	Below Cal	#	34
31) Cyclohexane	7.06	56	8470	2.342	ug/l #	1
36) 1,1-Dichloropropene	7.07	75	30107	6.586	ug/l #	47
38) Carbon Tetrachloride	7.06	117	40133	5.908	ug/l #	12
51) 4-Methyl-2-Pentanone	10.42	43	2109	1.355	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.57	75	90988	118.515	ug/l #	16

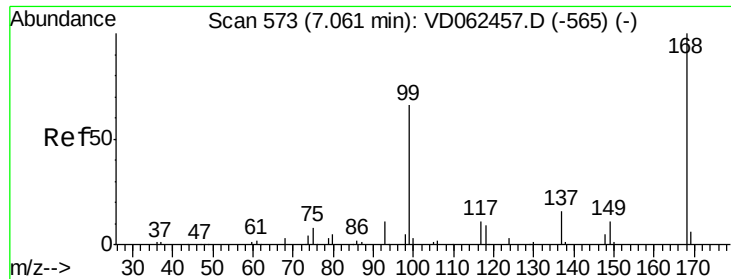
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.00 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

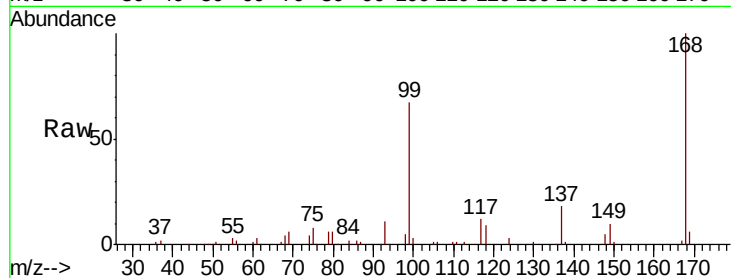
TP-3B-D2

Tot Ion:168 Resp: 357802

Ion Ratio Lower Upper

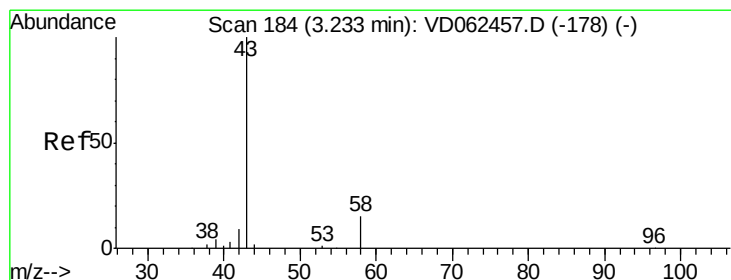
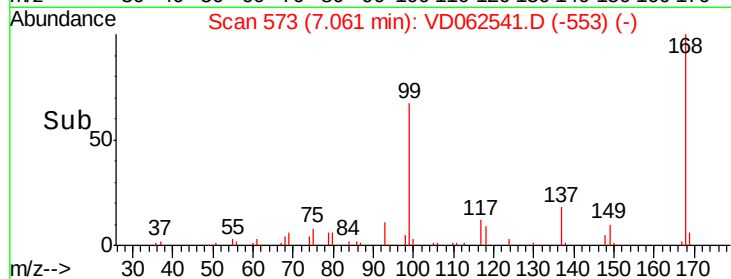
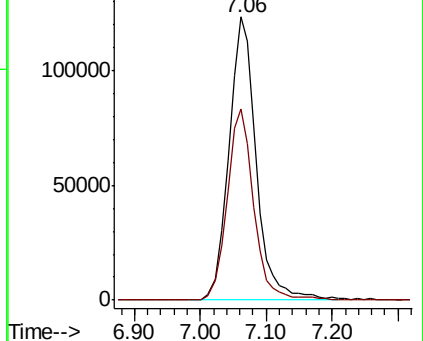
168 100

99 67.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 47.180 ug/l

RT: 3.23 min Scan# 184

Delta R.T. -0.00 min

Lab File: VD062541.D

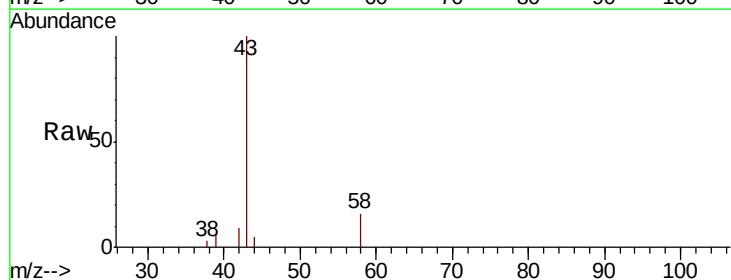
Acq: 28 May 2019 16:20

Tgt Ion: 43 Resp: 32381

Ion Ratio Lower Upper

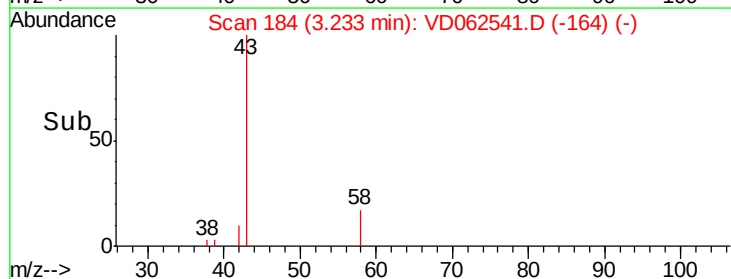
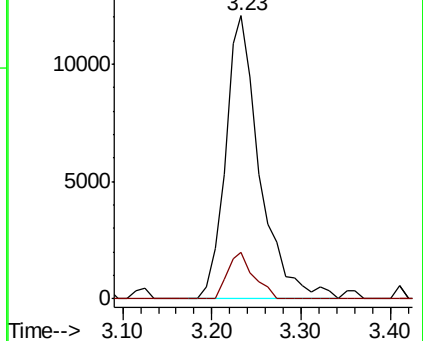
43 100

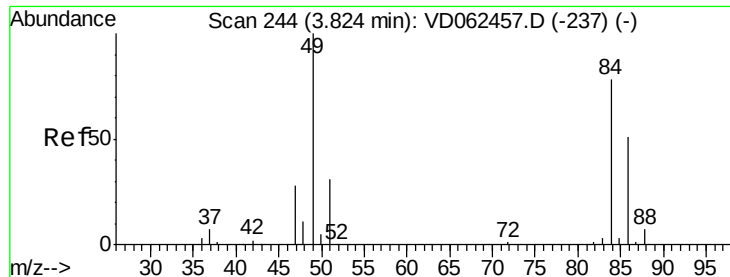
58 16.5 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

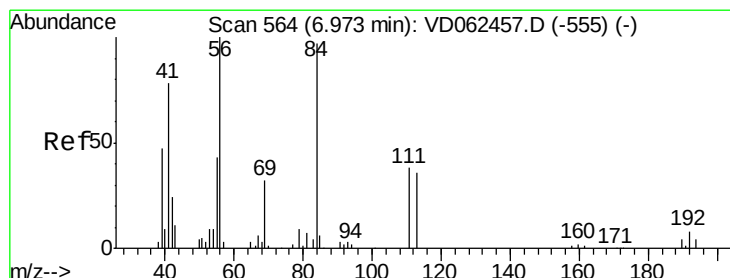
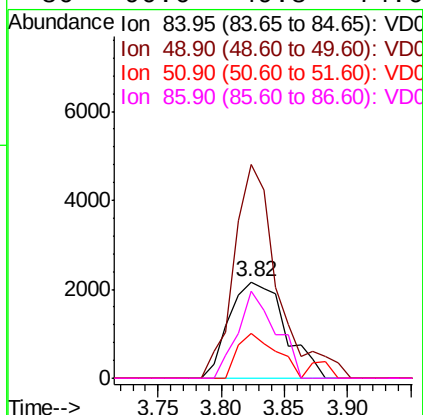
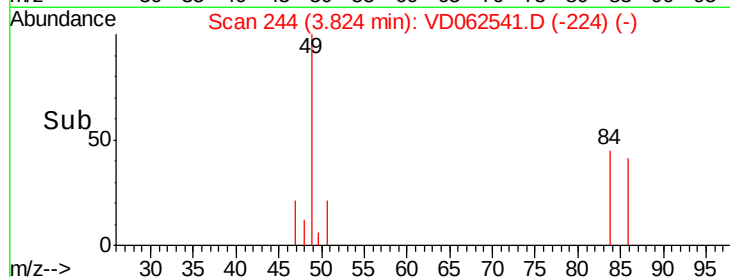
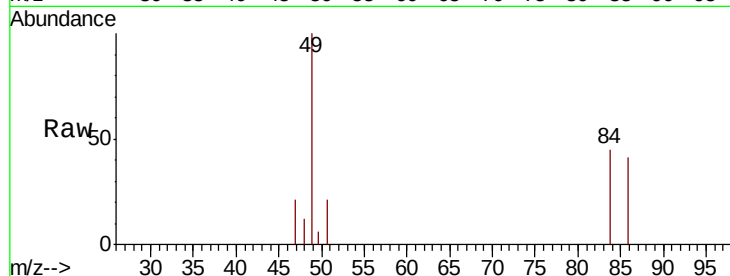




#20
Methylene Chloride
Concen: Below Cal
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD062541.D
Acq: 28 May 2019 16:20

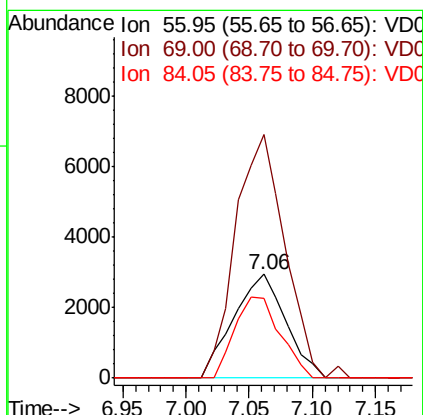
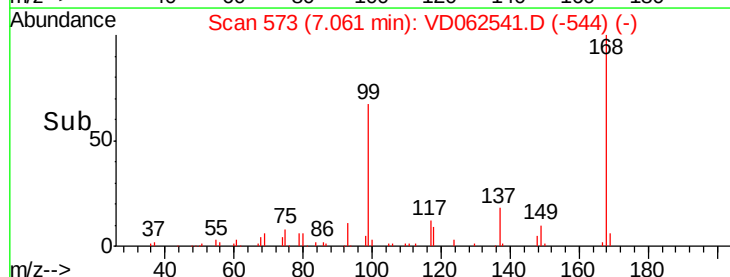
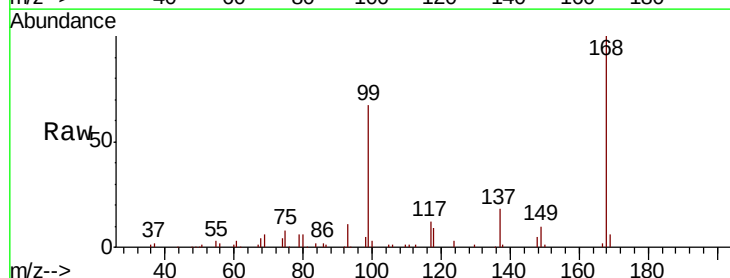
Instrument :
MSVOA_D
ClientSampleId :
TP-3B-D2

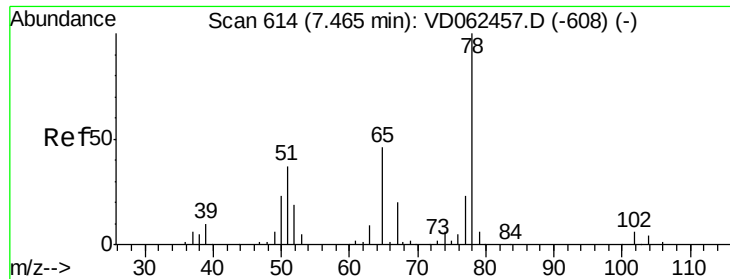
Tot Ion: 84 Resp: 6721
Ion Ratio Lower Upper
84 100
49 222.1 94.0 141.0#
51 47.0 29.0 43.4#
86 90.6 49.8 74.6#



#31
Cyclohexane
Concen: 2.342 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.09 min
Lab File: VD062541.D
Acq: 28 May 2019 16:20

Tgt Ion: 56 Resp: 8470
Ion Ratio Lower Upper
56 100
69 235.0 25.8 38.6#
84 76.6 72.2 108.4





#33

1,2-Dichloroethane-d4

Concen: 45.451 ug/l

RT: 7.46 min Scan# 614

Delta R.T. -0.00 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

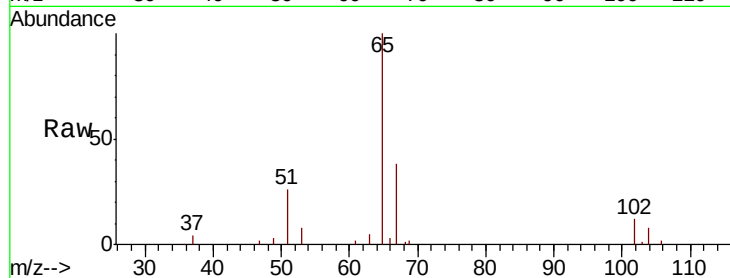
TP-3B-D2

Tot Ion: 65 Resp: 174078

Ion Ratio Lower Upper

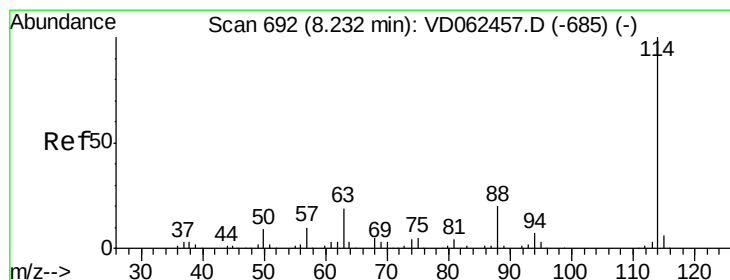
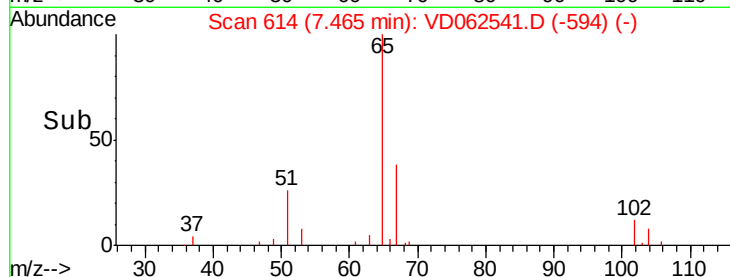
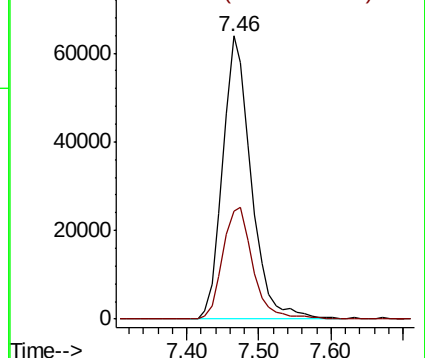
65 100

67 38.1 0.0 98.0



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: 8.23 min Scan# 692

Delta R.T. -0.00 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

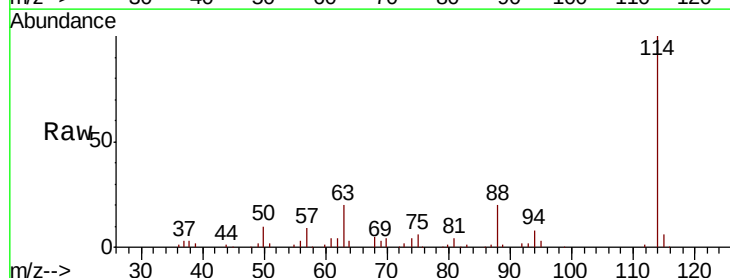
Tgt Ion: 114 Resp: 478110

Ion Ratio Lower Upper

114 100

63 20.5 0.0 32.4

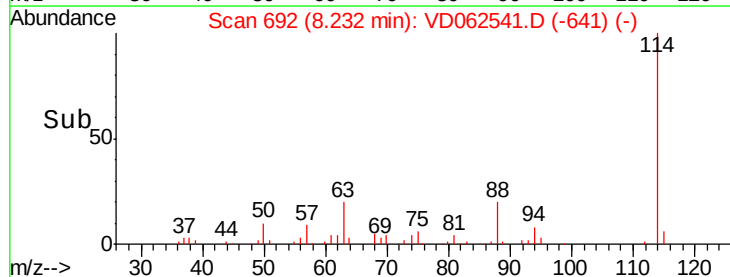
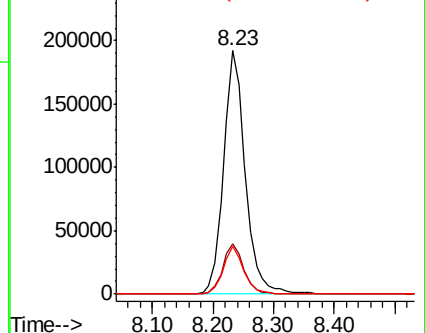
88 19.5 0.0 33.6

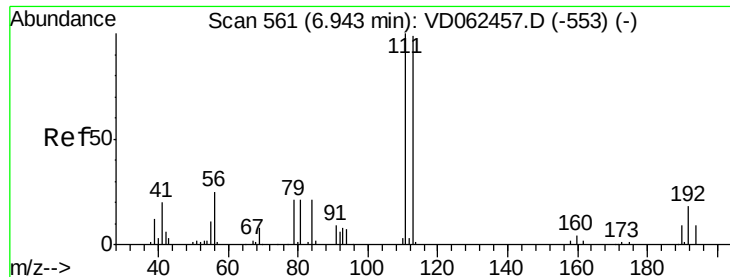


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 45.739 ug/l

RT: 6.94 min Scan# 561

Delta R.T. -0.00 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

TP-3B-D2

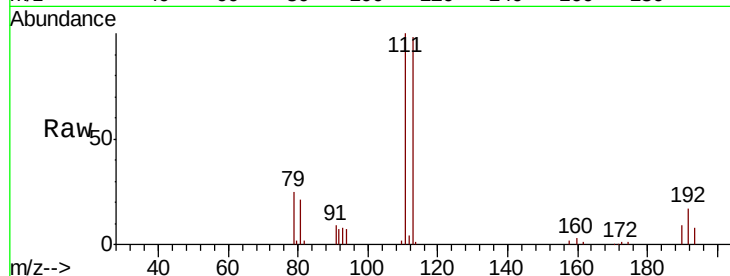
Tot Ion:113 Resp: 197277

Ion Ratio Lower Upper

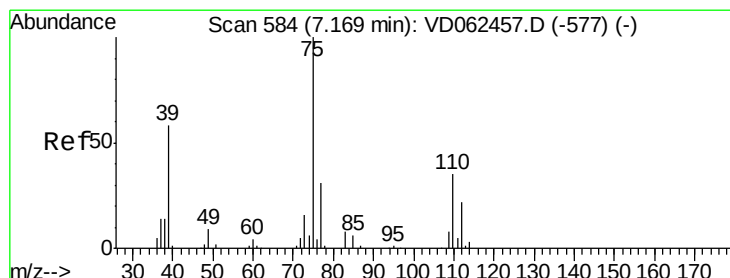
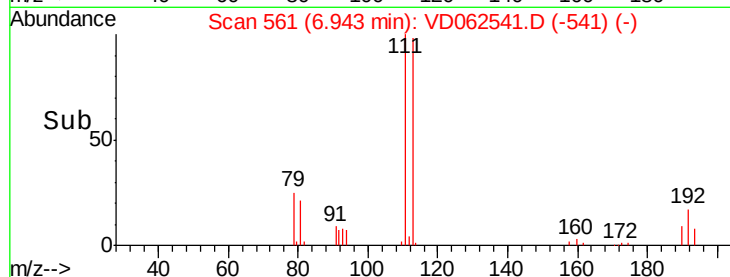
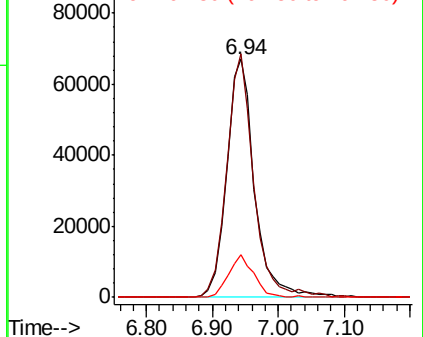
113 100

111 102.2 78.5 117.7

192 17.7 13.0 19.4



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: 6.586 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.10 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

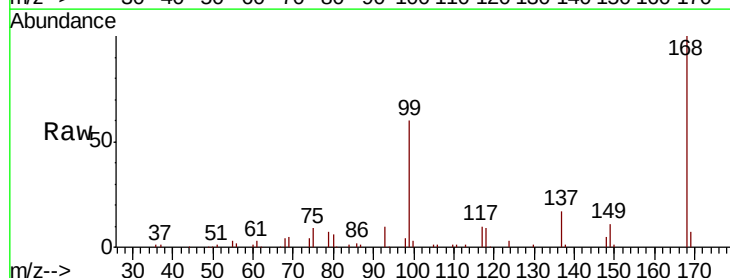
Tgt Ion: 75 Resp: 30107

Ion Ratio Lower Upper

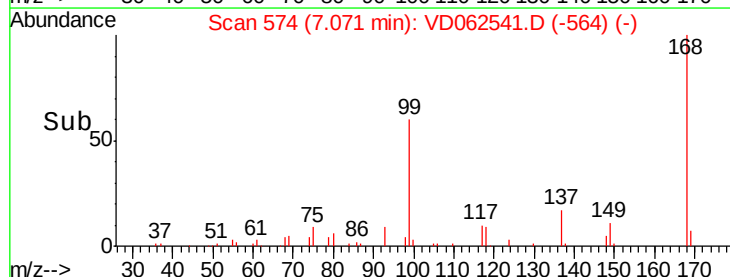
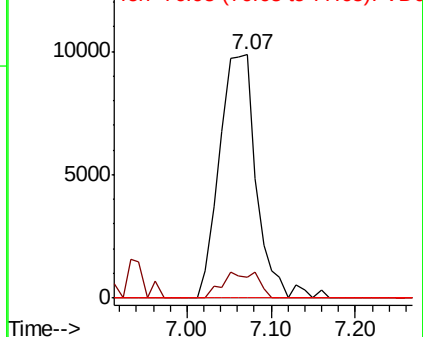
75 100

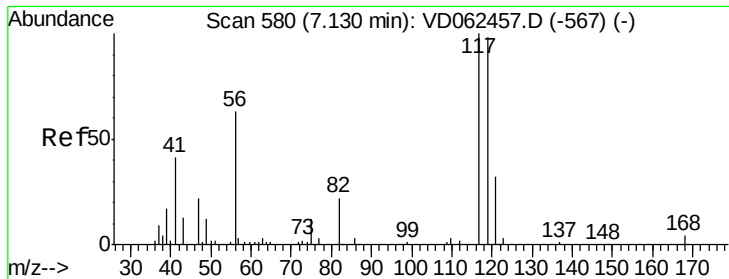
110 8.8 19.1 57.1#

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 5.908 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.07 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

TP-3B-D2

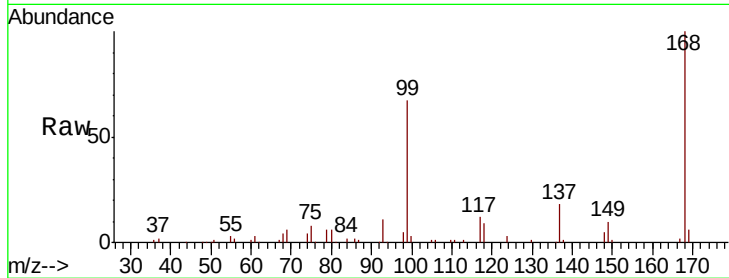
Tot Ion:117 Resp: 40133

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

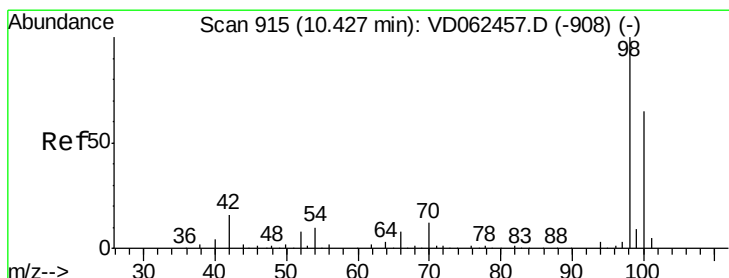
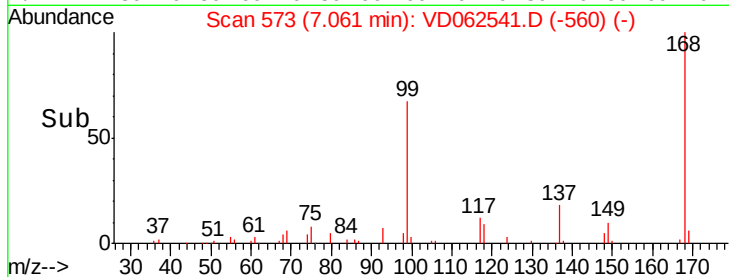
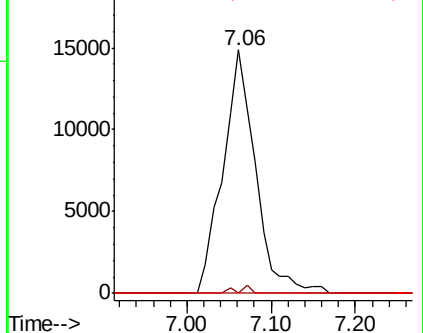
121 0.0 25.9 38.9#



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: 42.373 ug/l

RT: 10.43 min Scan# 915

Delta R.T. -0.00 min

Lab File: VD062541.D

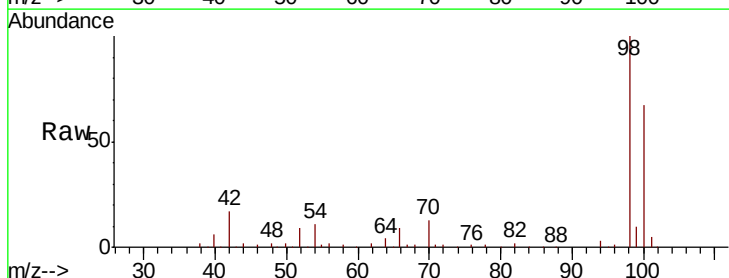
Acq: 28 May 2019 16:20

Tgt Ion: 98 Resp: 399949

Ion Ratio Lower Upper

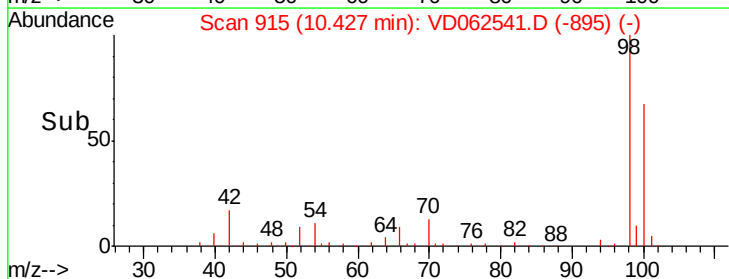
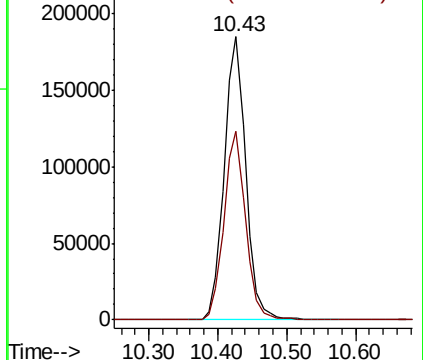
98 100

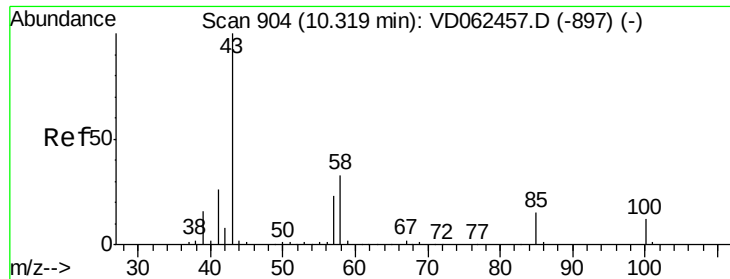
100 66.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.355 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.10 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

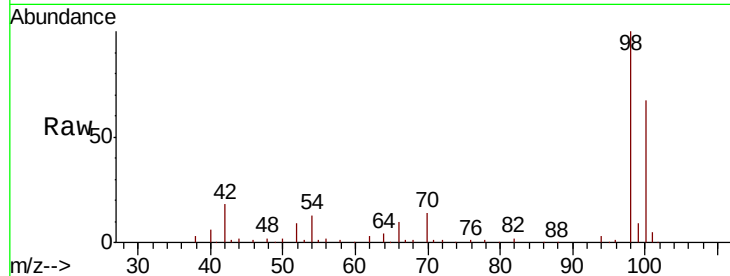
TP-3B-D2

Tot Ion: 43 Resp: 2109

Ion Ratio Lower Upper

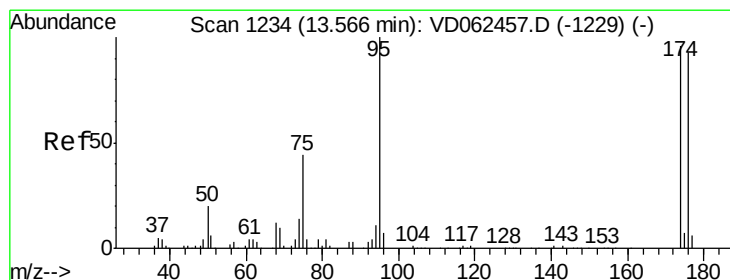
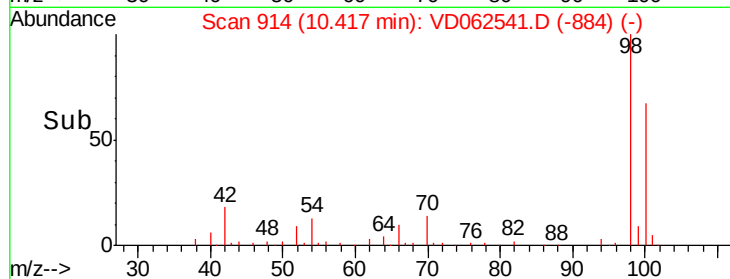
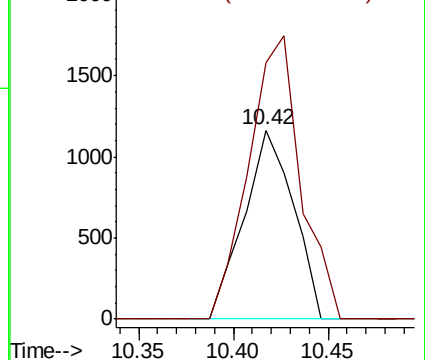
43 100

58 135.8 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: 43.203 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

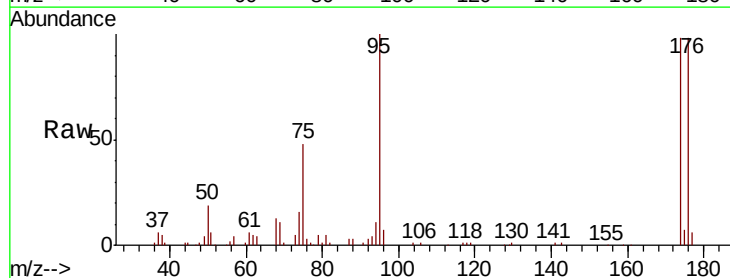
Tgt Ion: 95 Resp: 178382

Ion Ratio Lower Upper

95 100

174 98.4 0.0 181.8

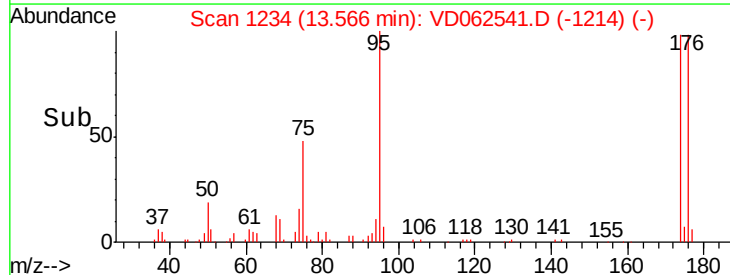
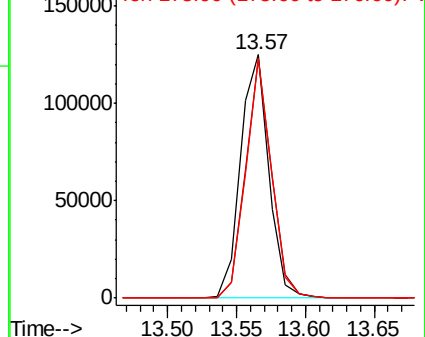
176 98.3 0.0 174.4

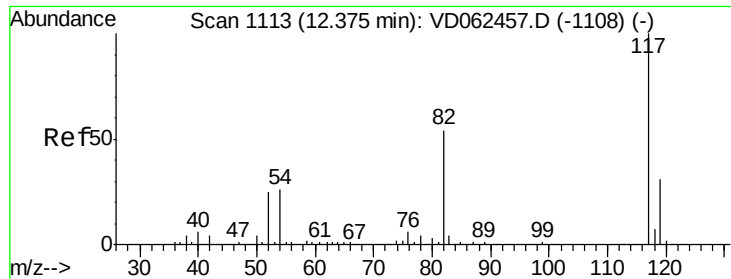


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

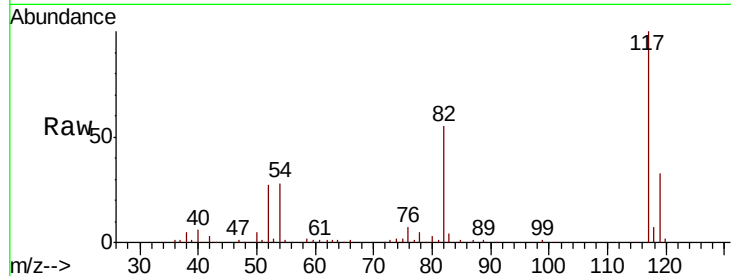




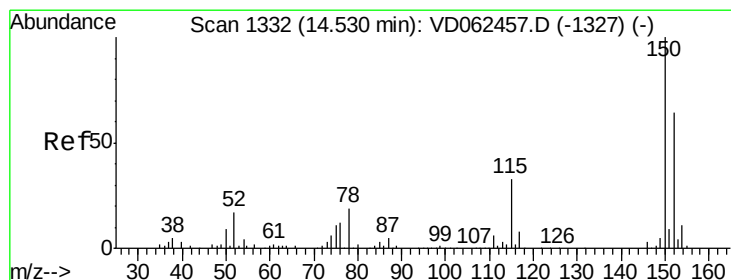
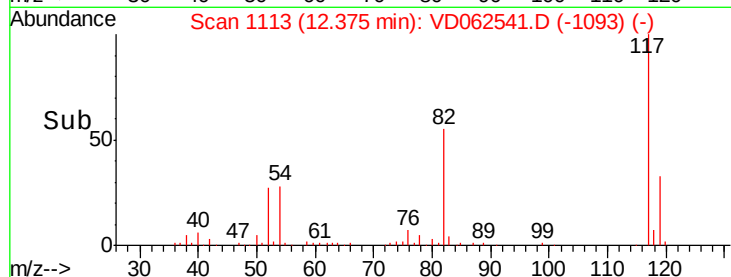
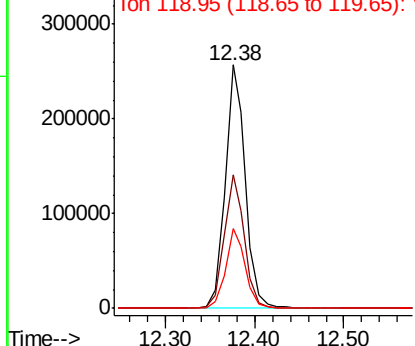
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VD062541.D
 Acq: 28 May 2019 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3B-D2

Tot Ion:117 Resp: 407297
 Ion Ratio Lower Upper
 117 100
 82 54.9 36.2 54.2#
 119 32.7 26.2 39.4

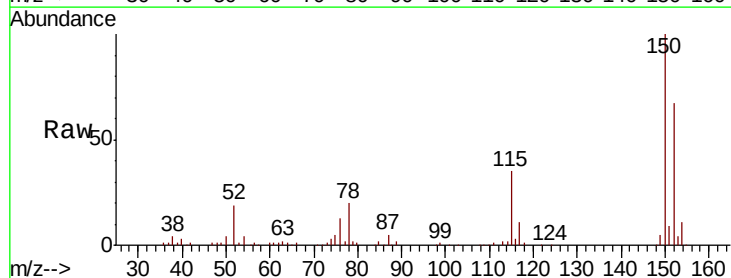


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

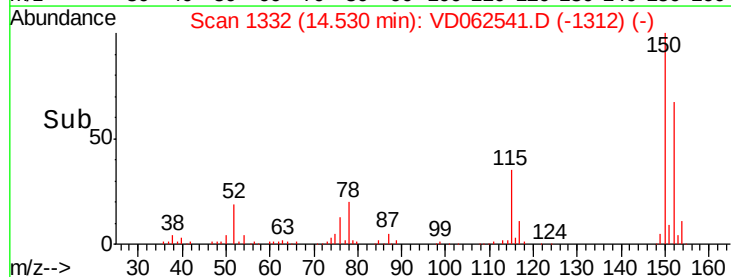
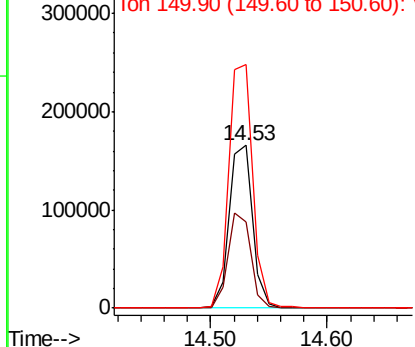


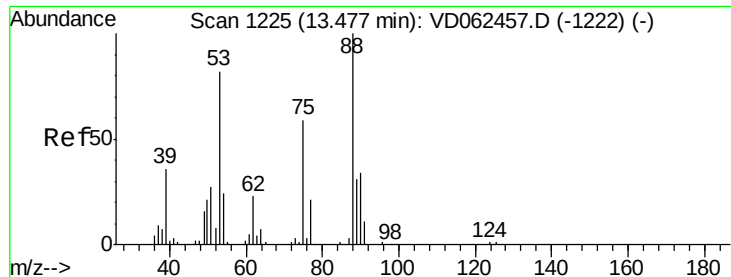
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD062541.D
 Acq: 28 May 2019 16:20

Tgt Ion:152 Resp: 231110
 Ion Ratio Lower Upper
 152 100
 115 52.6 30.9 92.7
 150 149.7 0.0 314.8



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: 118.515 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.09 min

Lab File: VD062541.D

Acq: 28 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

TP-3B-D2

Tot Ion: 75 Resp: 90988

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

