

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062226.D
 Acq On : 10 May 2019 20:56
 Operator : FY/SY
 Sample : K2719-06
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS008-1218-01

Quant Time: May 10 23:39:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	474549	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	692179	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	407772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	130632	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	367319	83.29	ug/l	0.03
Spiked Amount 50.000			Recovery	=	166.58%	
35) Dibromofluoromethane	6.92	113	397750	69.26	ug/l	0.03
Spiked Amount 50.000			Recovery	=	138.52%	
50) Toluene-d8	10.41	98	555476	40.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.24%	
62) 4-Bromofluorobenzene	13.56	95	185370	33.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.68%	

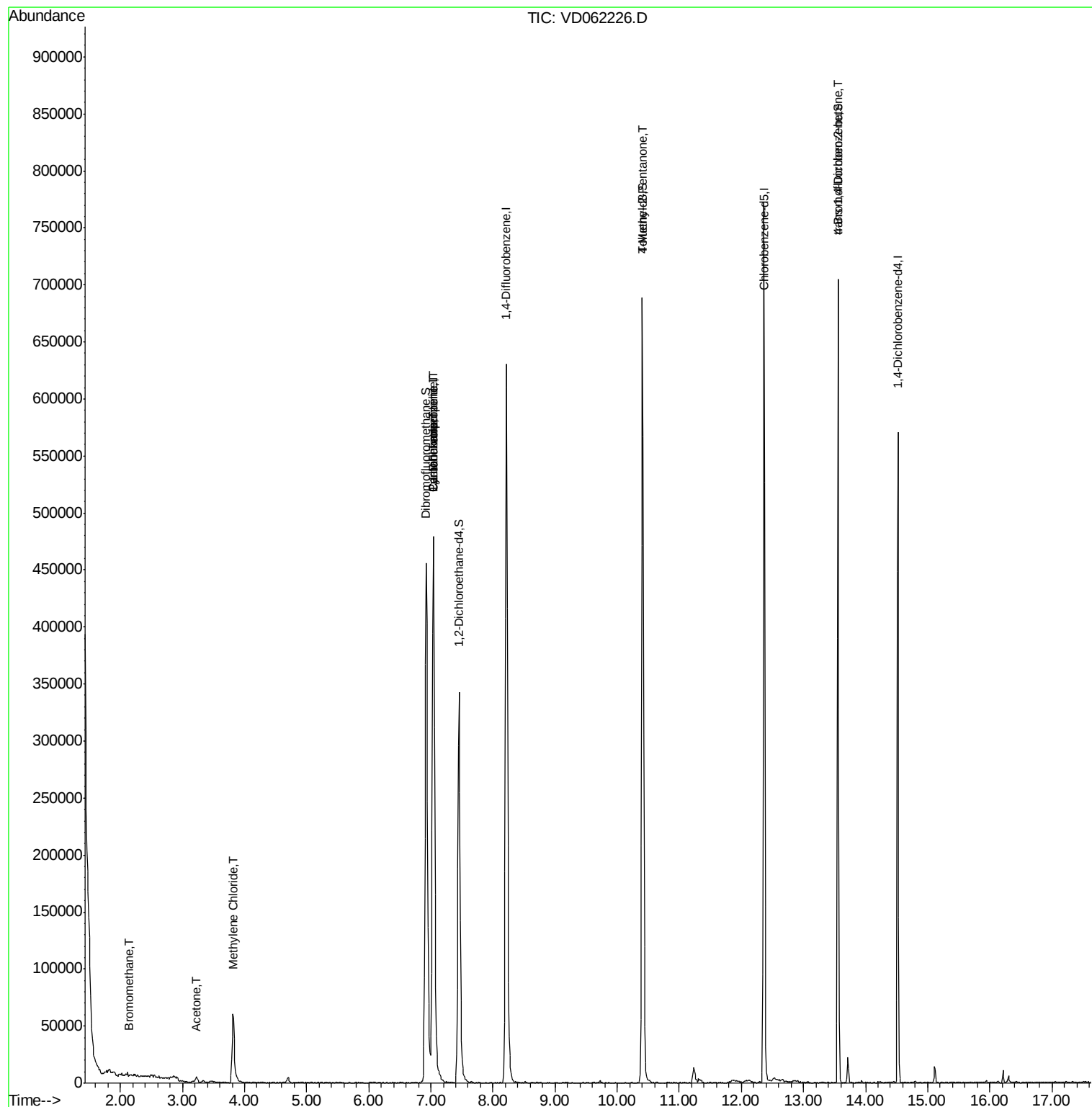
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.14	94	1803	2.387	ug/l #	11
16) Acetone	3.22	43	9602	10.382	ug/l #	72
18) Methyl Acetate	3.65	43	204	Below Cal	#	53
20) Methylene Chloride	3.82	84	40989	10.615	ug/l	91
31) Cyclohexane	7.04	56	8592	1.857	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	35209	6.204	ug/l #	47
38) Carbon Tetrachloride	7.04	117	46461	5.915	ug/l #	16
51) 4-Methyl-2-Pentanone	10.41	43	2751	1.254	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	79902	182.314	ug/l #	16

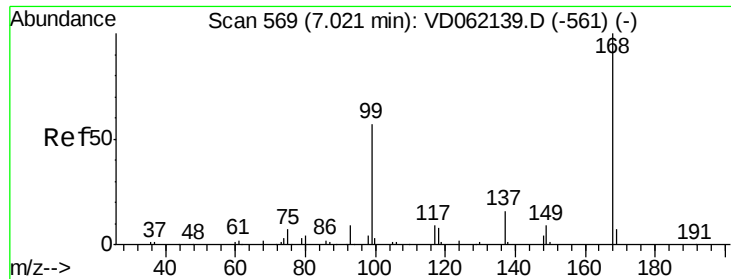
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051019\
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Quant Time: May 10 23:39:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

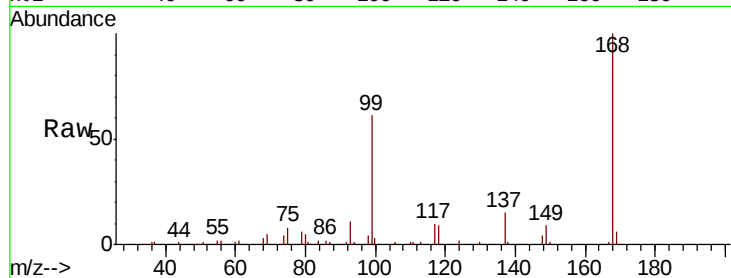
P026-SS008-1218-01

Tot Ion:168 Resp: 474549

Ion Ratio Lower Upper

168 100

99 61.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

150000

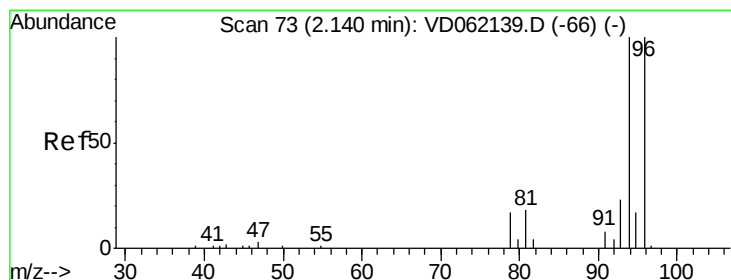
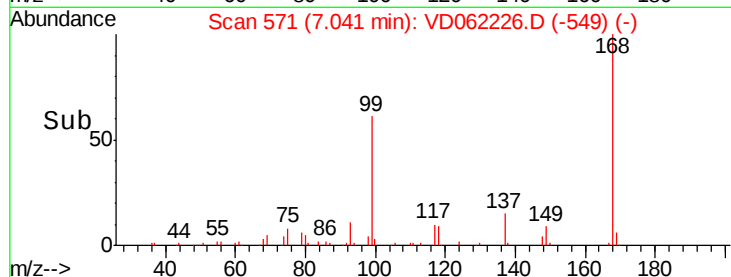
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 2.387 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

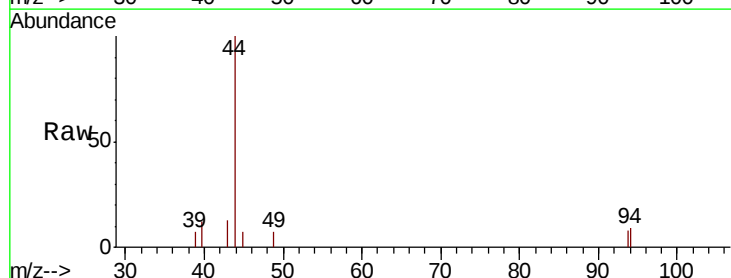
Tgt Ion: 94 Resp: 1803

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 48.6 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): V

Ion 96.00 (95.70 to 96.70): V

Ion 93.00 (92.70 to 93.70): V

1000

800

600

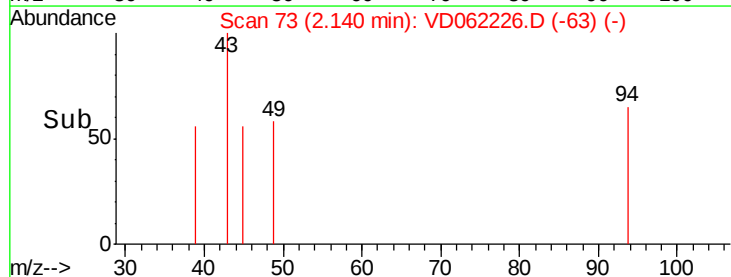
400

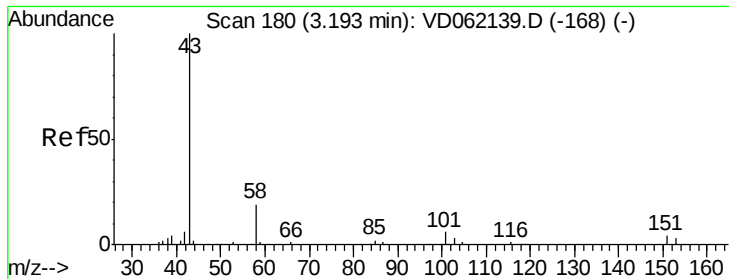
200

0

Time-->

2.10 2.15





#16

Acetone

Concen: 10.382 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

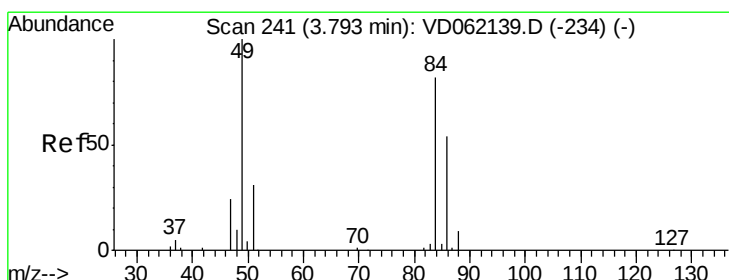
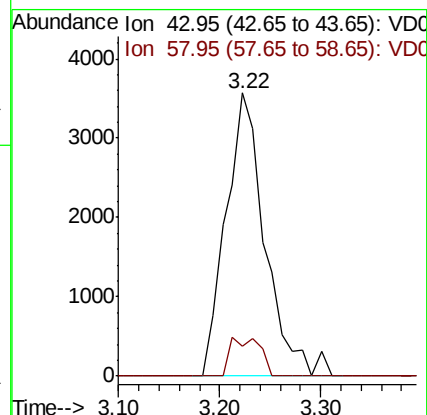
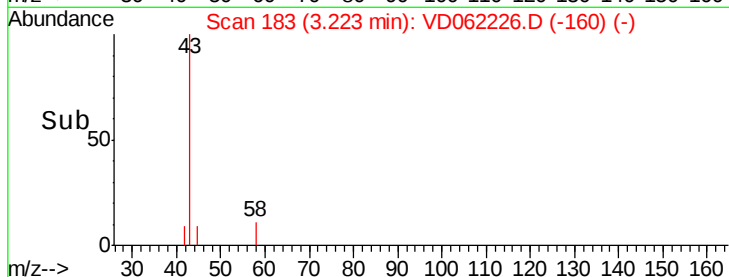
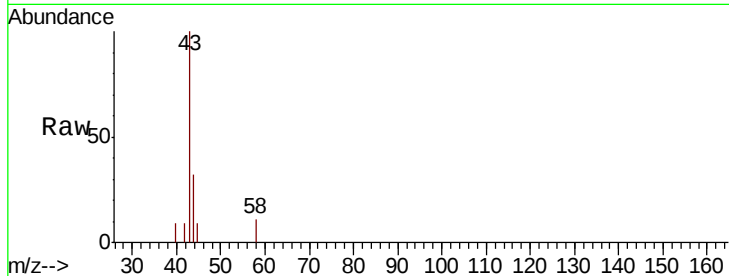
P026-SS008-1218-01

Tot Ion: 43 Resp: 9602

Ion Ratio Lower Upper

43 100

58 10.8 19.9 29.9#



#20

Methylene Chloride

Concen: 10.615 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

Tgt Ion: 84 Resp: 40989

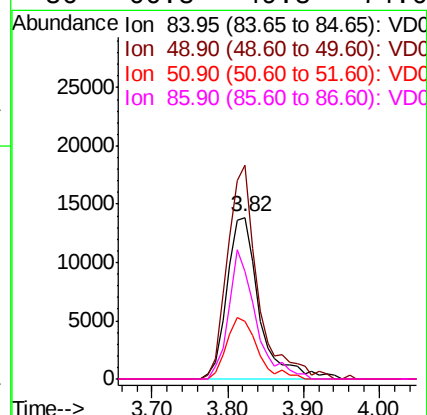
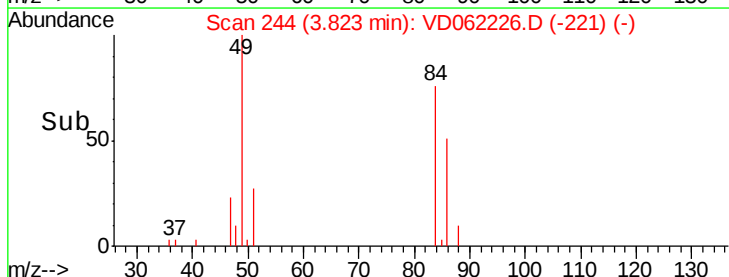
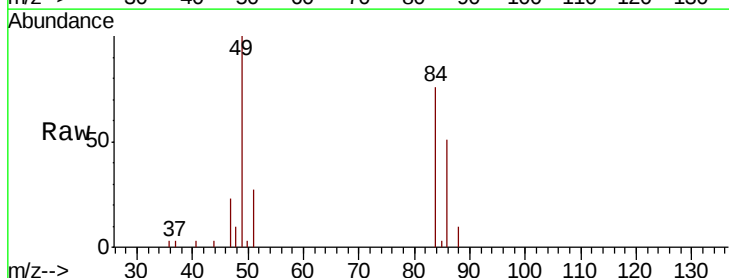
Ion Ratio Lower Upper

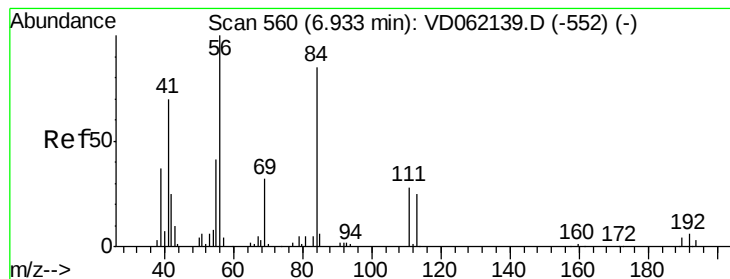
84 100

49 132.1 94.0 141.0

51 35.8 29.0 43.4

86 66.8 49.8 74.6





#31

Cyclohexane

Concen: 1.857 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.11 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-1218-01

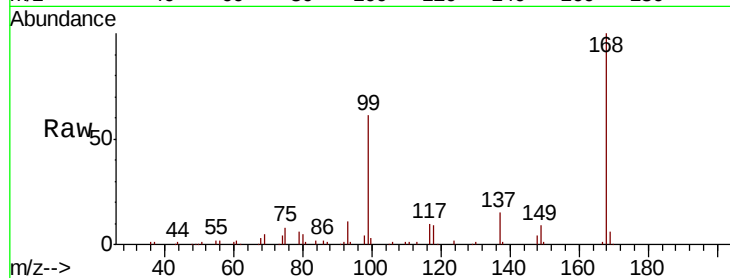
Tot Ion: 56 Resp: 8592

Ion Ratio Lower Upper

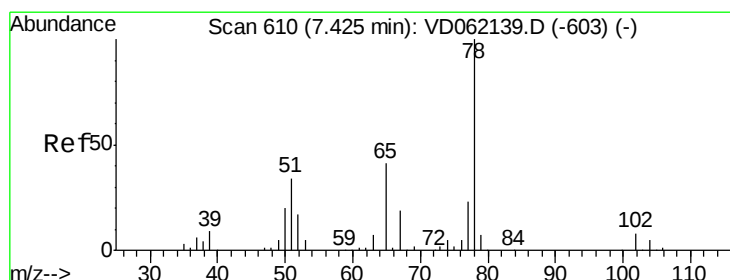
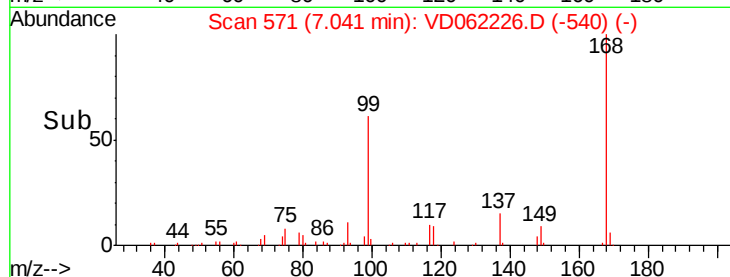
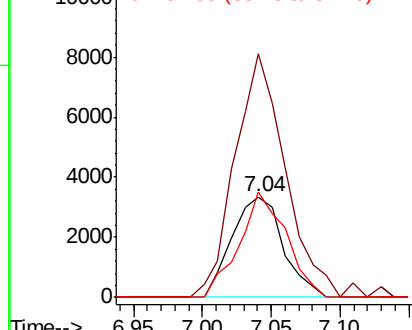
56 100

69 242.2 25.8 38.6#

84 105.3 72.2 108.4



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: 83.291 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062226.D

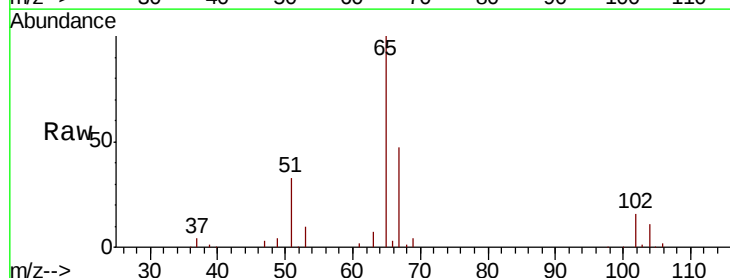
Acq: 10 May 2019 20:56

Tgt Ion: 65 Resp: 367319

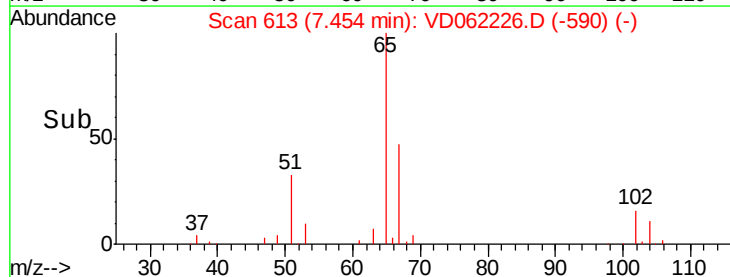
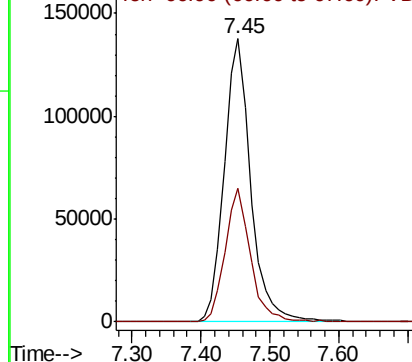
Ion Ratio Lower Upper

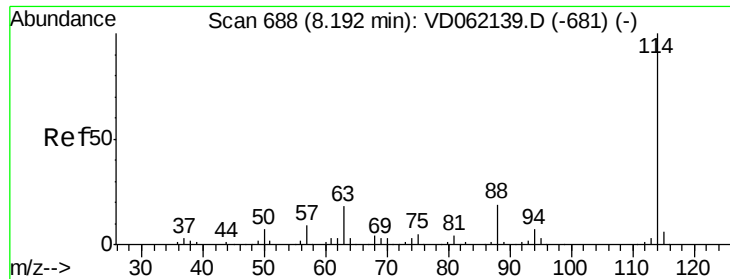
65 100

67 47.0 0.0 98.0



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

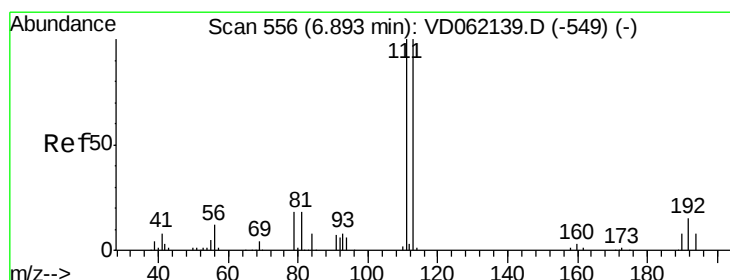
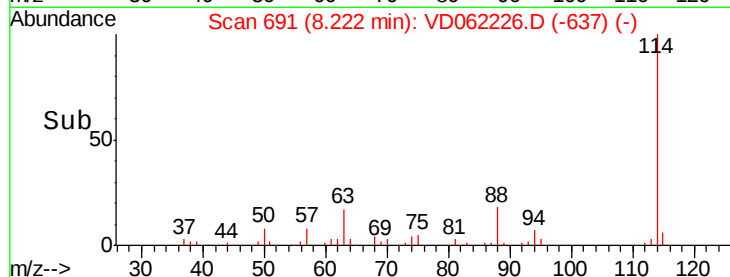
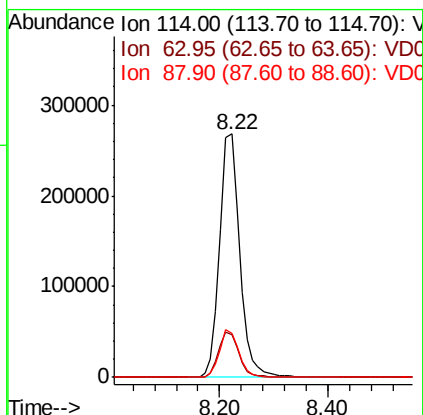
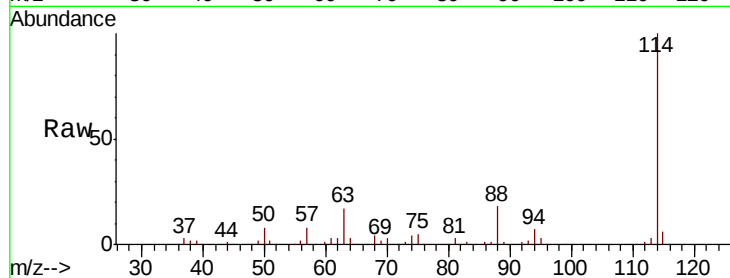




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062226.D
 Acq: 10 May 2019 20:56

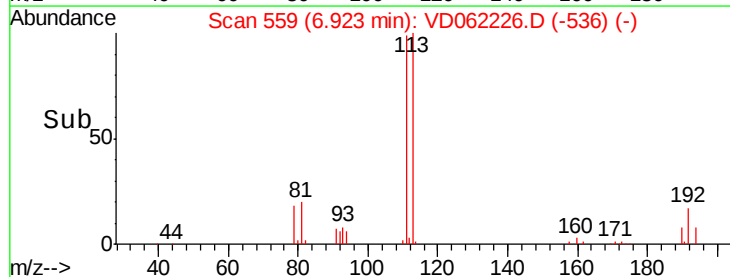
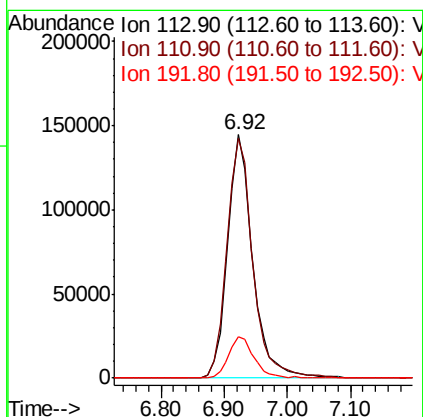
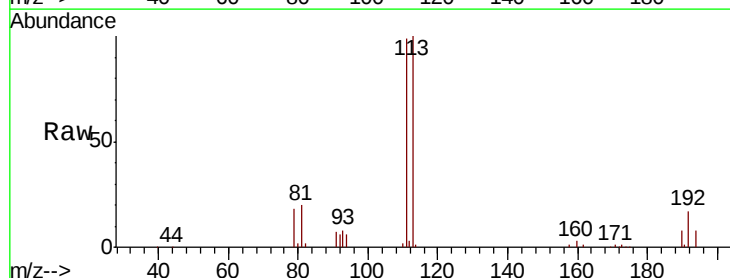
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS008-1218-01

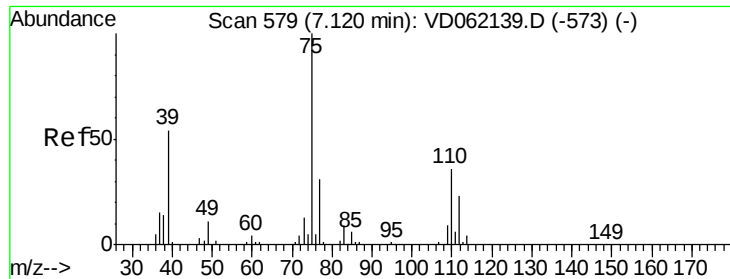
Tot Ion:114 Resp: 692179
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 32.4
 88 18.1 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 69.257 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062226.D
 Acq: 10 May 2019 20:56

Tgt Ion:113 Resp: 397750
 Ion Ratio Lower Upper
 113 100
 111 98.6 78.5 117.7
 192 17.2 13.0 19.4





#36

1,1-Dichloropropene

Concen: 6.204 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.08 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-1218-01

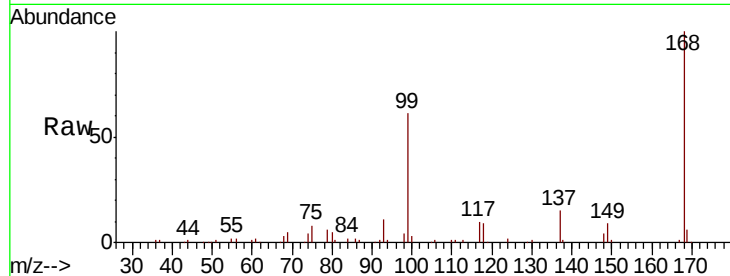
Tot Ion: 75 Resp: 35209

Ion Ratio Lower Upper

75 100

110 8.5 19.1 57.1#

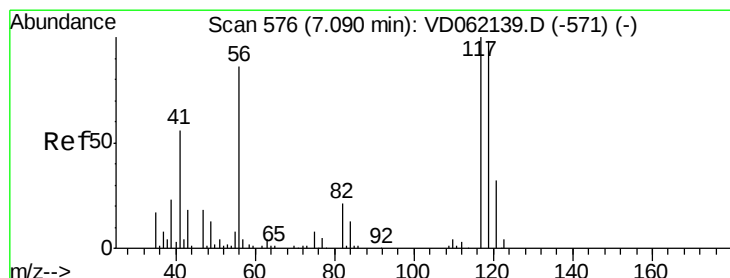
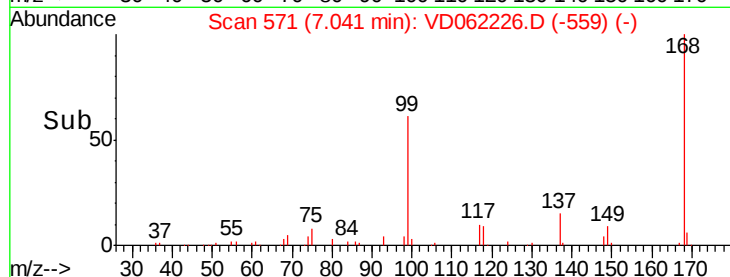
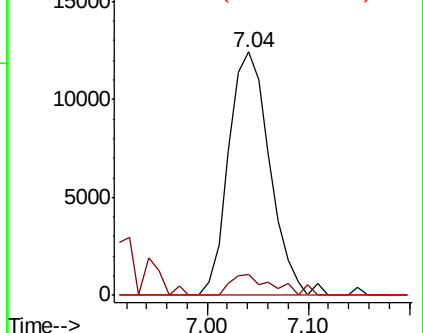
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 5.915 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.05 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

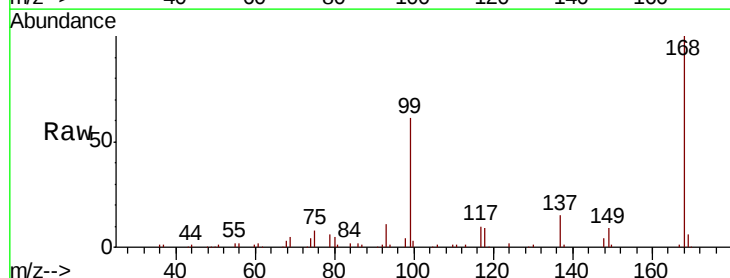
Tgt Ion: 117 Resp: 46461

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

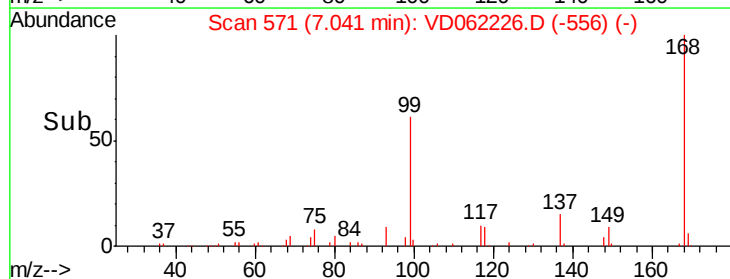
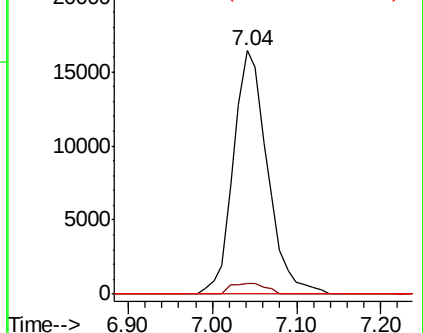
121 0.0 25.9 38.9#

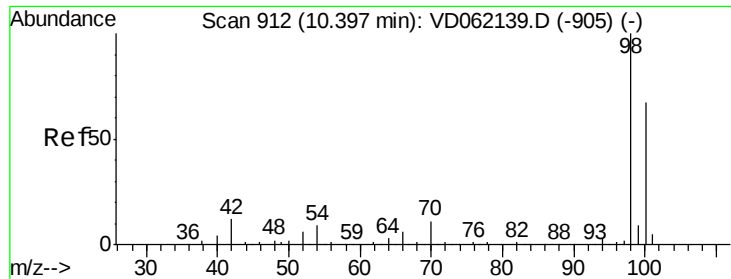


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

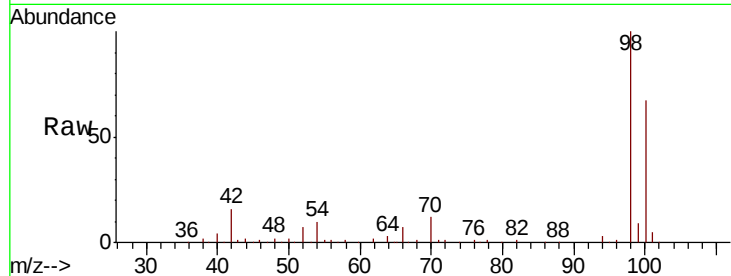




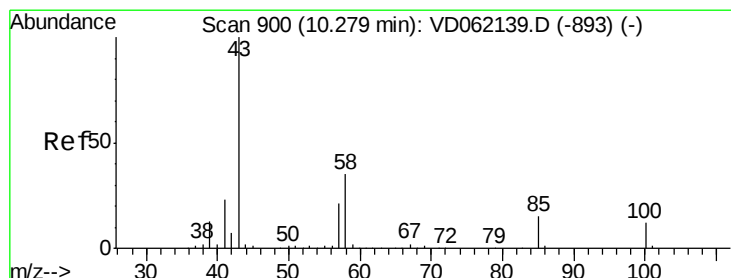
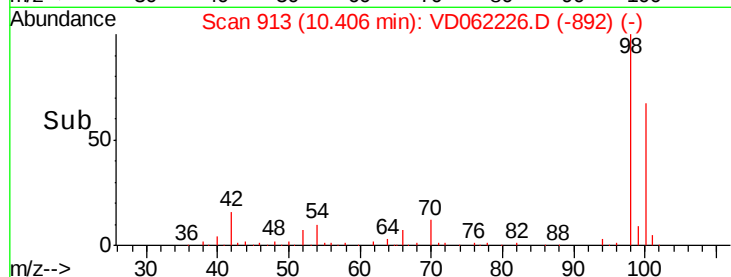
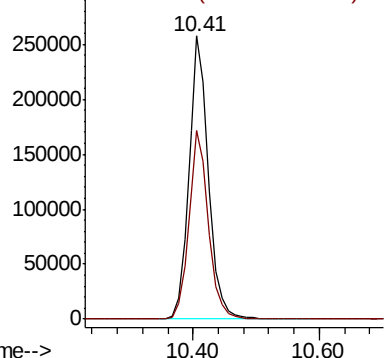
#50
Toluene-d8
Concen: 40.115 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062226.D
Acq: 10 May 2019 20:56

Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-1218-01

Tot Ion: 98 Resp: 555476
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.8

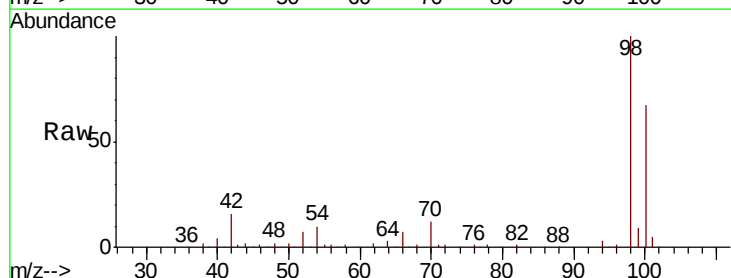


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

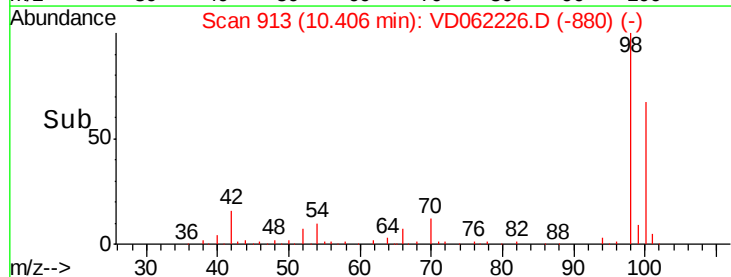
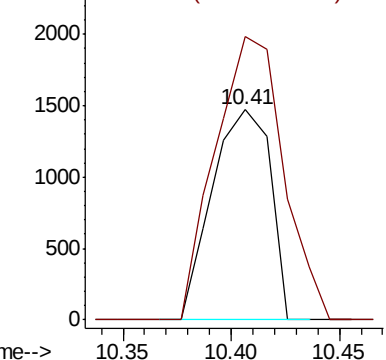


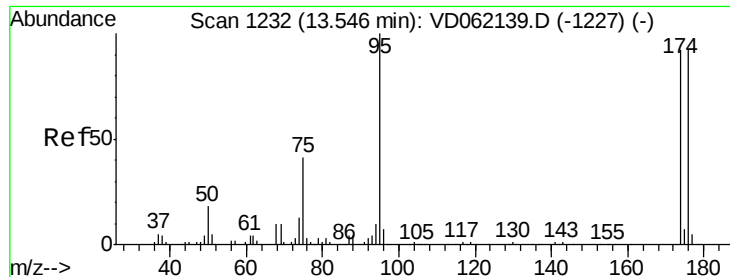
#51
4-Methyl-2-Pentanone
Concen: 1.254 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.13 min
Lab File: VD062226.D
Acq: 10 May 2019 20:56

Tgt Ion: 43 Resp: 2751
Ion Ratio Lower Upper
43 100
58 134.7 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: 33.337 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-1218-01

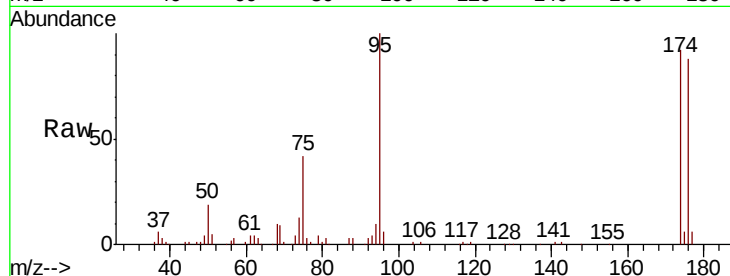
Tot Ion: 95 Resp: 185370

Ion Ratio Lower Upper

95 100

174 91.7 0.0 181.8

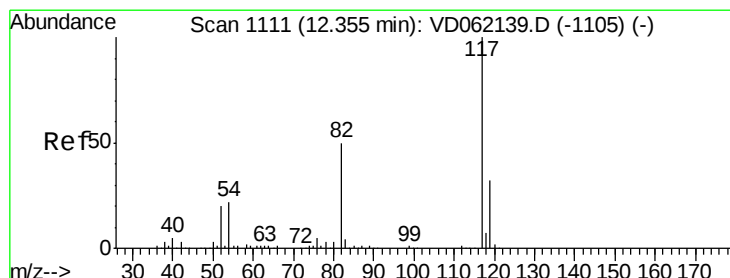
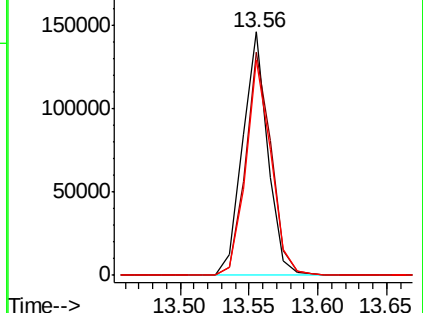
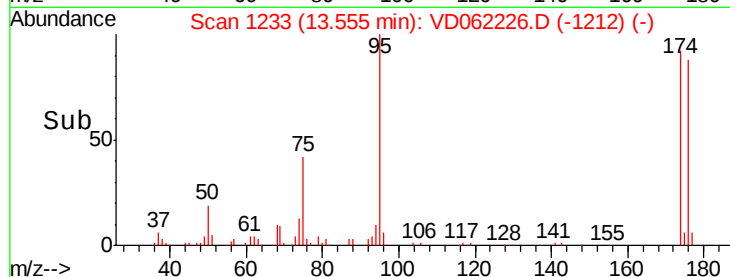
176 88.4 0.0 174.4



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: 12.36 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

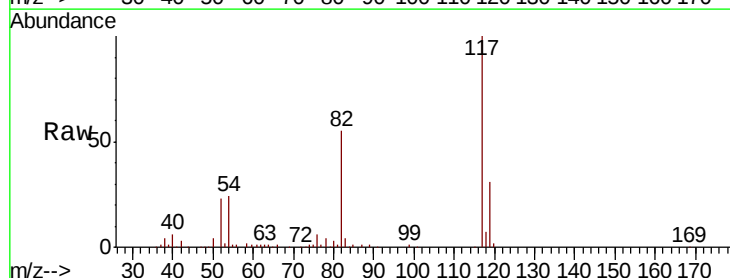
Tgt Ion: 117 Resp: 407772

Ion Ratio Lower Upper

117 100

82 55.1 36.2 54.2#

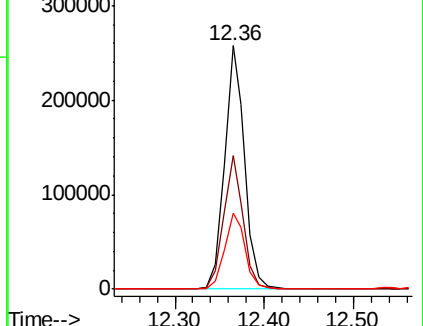
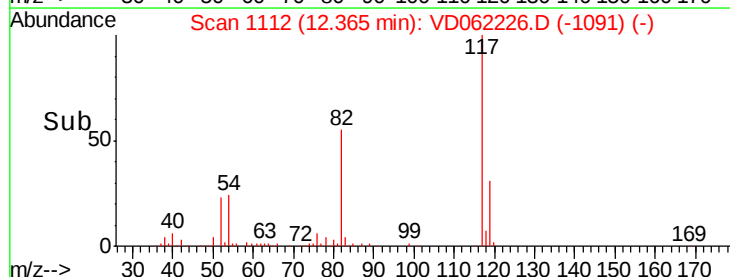
119 31.3 26.2 39.4

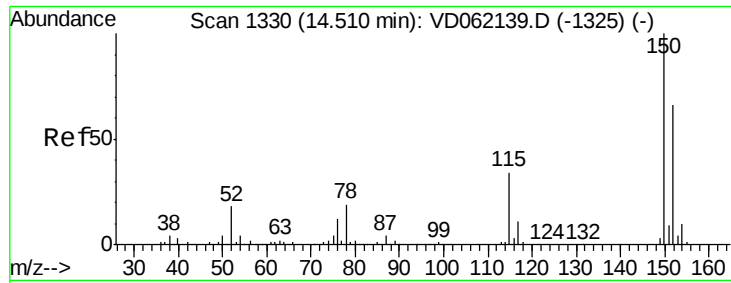


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-1218-01

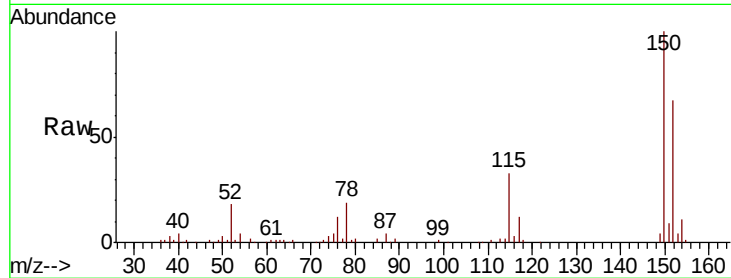
Tot Ion:152 Resp: 130632

Ion Ratio Lower Upper

152 100

115 48.8 30.9 92.7

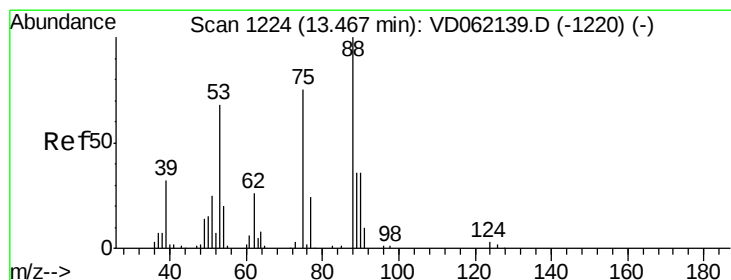
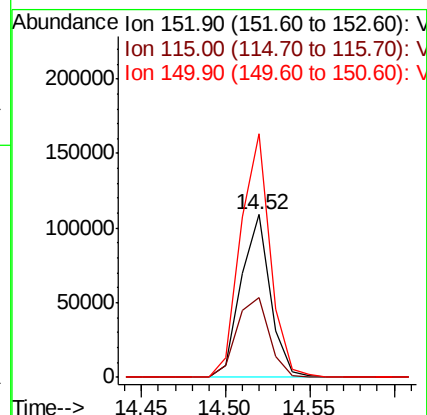
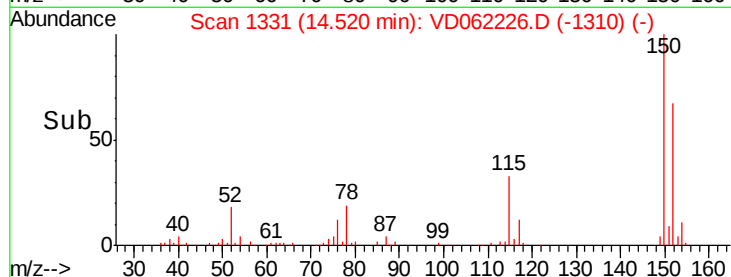
150 150.0 0.0 314.8



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: 182.314 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

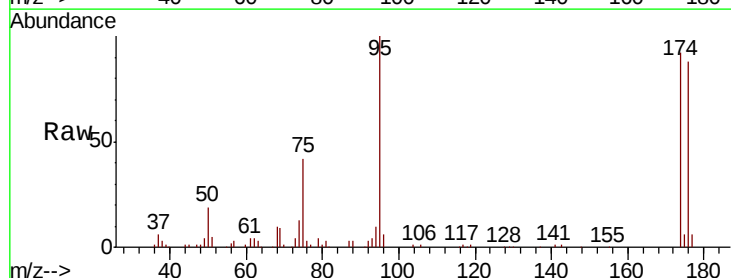
Tgt Ion: 75 Resp: 79902

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

