

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062329.D
 Acq On : 14 May 2019 3:53
 Operator : FY/SY
 Sample : K2735-07
 Misc : 4.90µ/5mL/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-1824-02

Quant Time: May 14 05:15:56 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

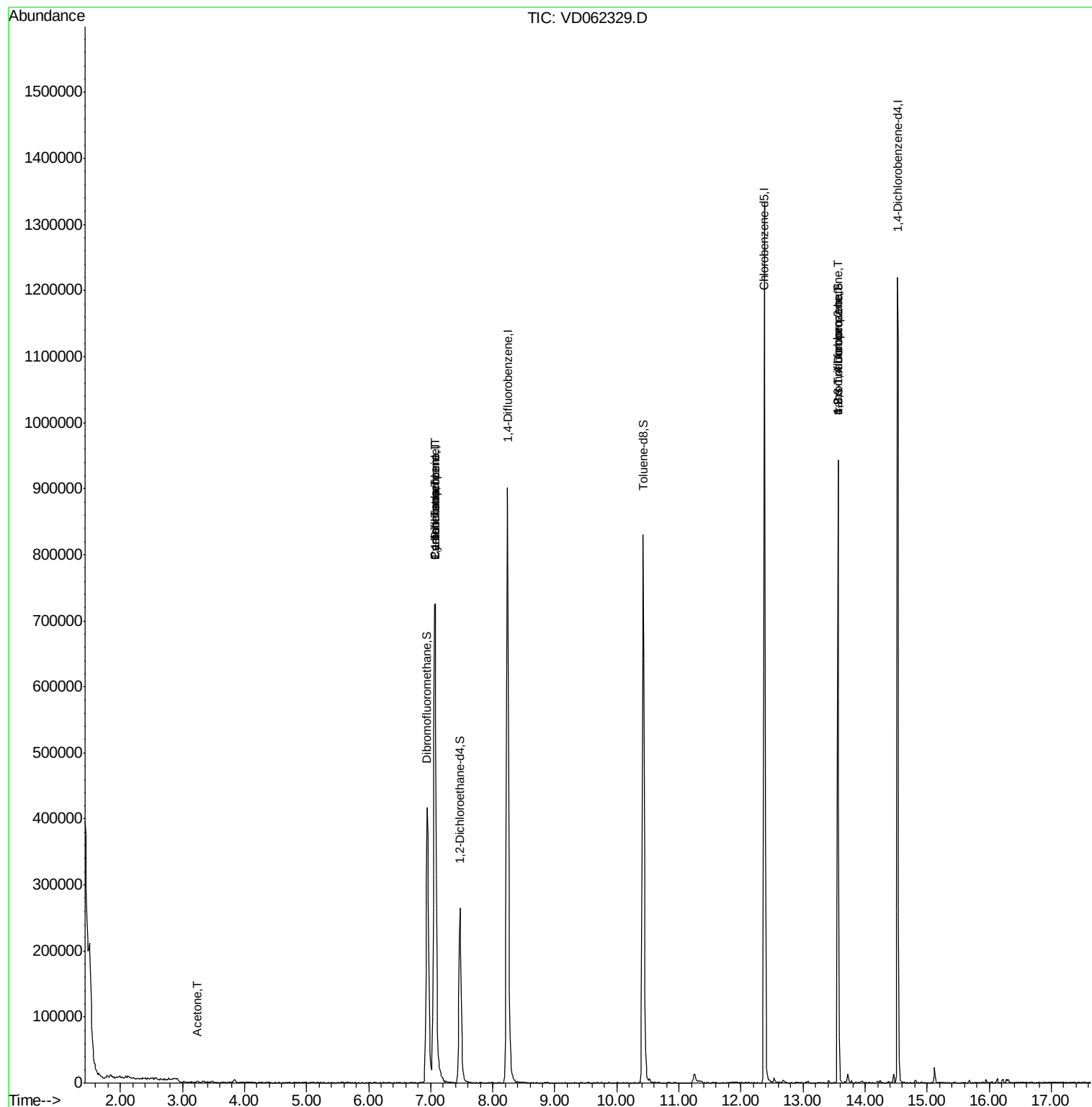
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	715023	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	978344	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	713374	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	287859	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	291021	43.80	ug/l	0.05
Spiked Amount 50.000			Recovery	=	87.60%	
35) Dibromofluoromethane	6.94	113	359895	44.34	ug/l	0.05
Spiked Amount 50.000			Recovery	=	88.68%	
50) Toluene-d8	10.43	98	687789	35.14	ug/l	0.03
Spiked Amount 50.000			Recovery	=	70.28%	
62) 4-Bromofluorobenzene	13.57	95	259804	33.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.12%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	4816	3.456	ug/l #	90
31) Cyclohexane	7.07	56	15566	2.233	ug/l #	14
36) 1,1-Dichloropropene	7.07	75	56762	7.076	ug/l #	48
38) Carbon Tetrachloride	7.07	117	74227	6.686	ug/l #	16
76) 1,2,3-Trichloropropane	13.57	75	105725	30.905	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.57	75	111834	115.799	ug/l #	16

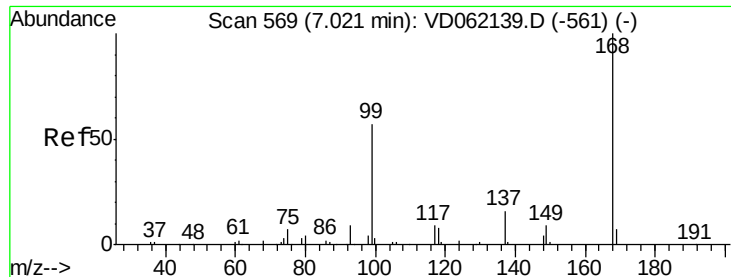
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062329.D

Acq: 14 May 2019 3:53

Instrument :

MSVOA_D

ClientSampleId :

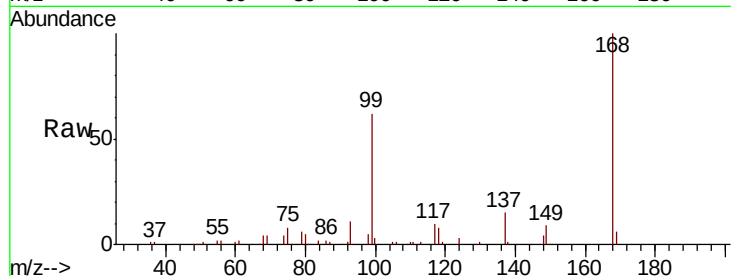
P026-SS015-1824-02

Tot Ion:168 Resp: 715023

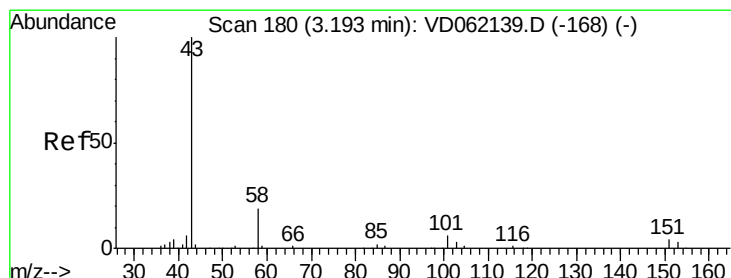
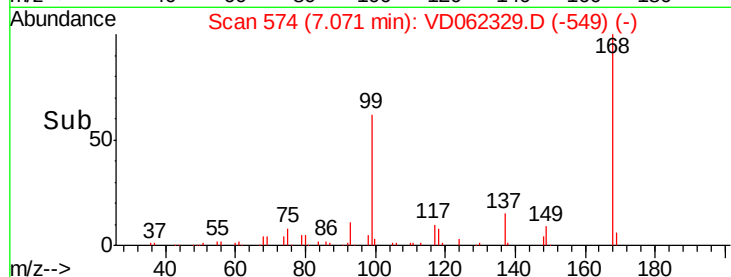
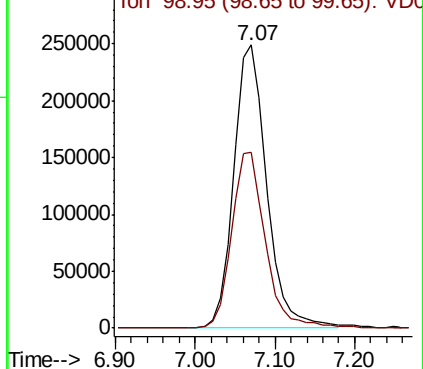
Ion Ratio Lower Upper

168 100

99 62.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 3.456 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062329.D

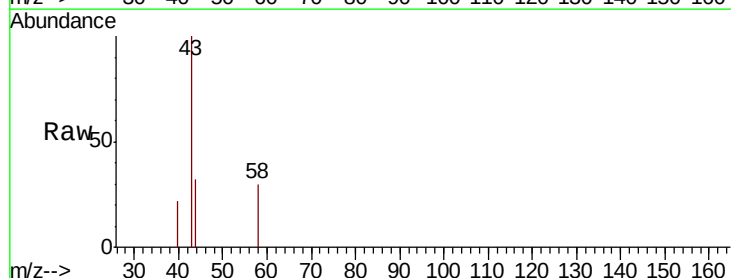
Acq: 14 May 2019 3:53

Tgt Ion: 43 Resp: 4816

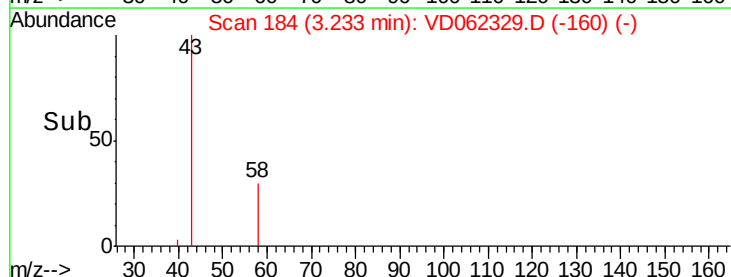
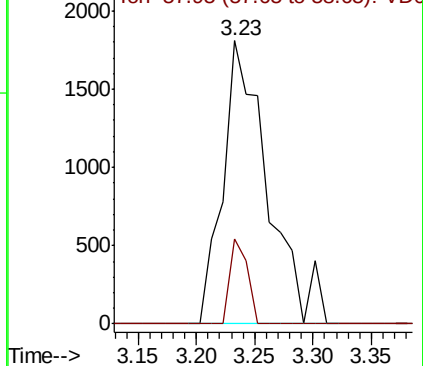
Ion Ratio Lower Upper

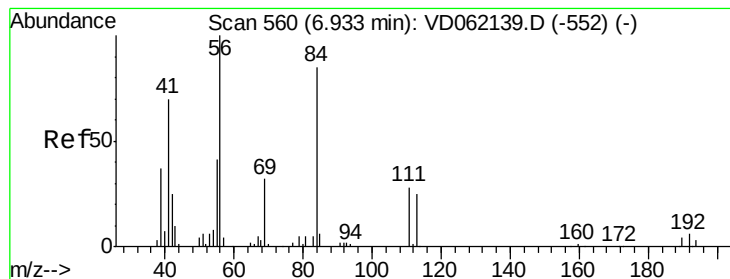
43 100

58 30.1 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC





#31

Cyclohexane

Concen: 2.233 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.14 min

Lab File: VD062329.D

Acq: 14 May 2019 3:53

Instrument :

MSVOA_D

ClientSampleId :

P026-SS015-1824-02

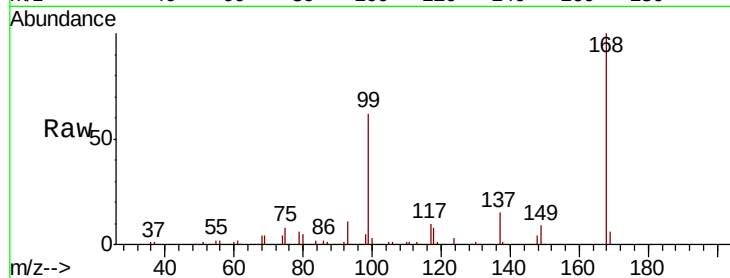
Tot Ion: 56 Resp: 15566

Ion Ratio Lower Upper

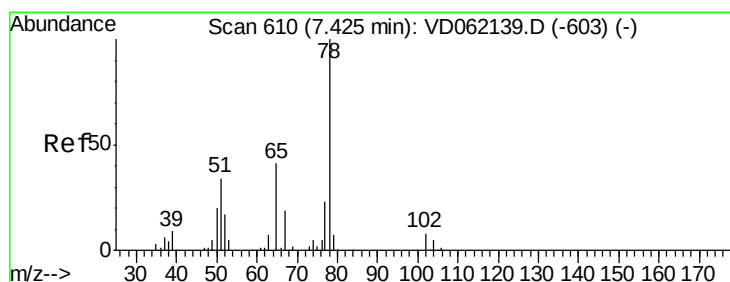
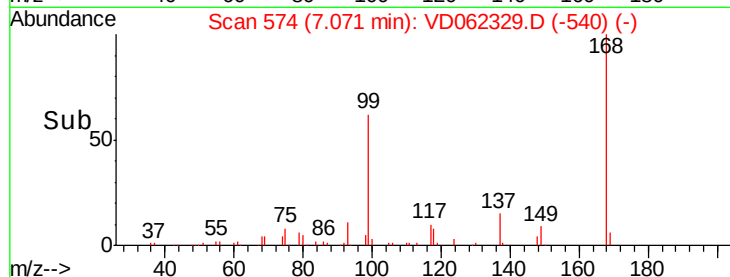
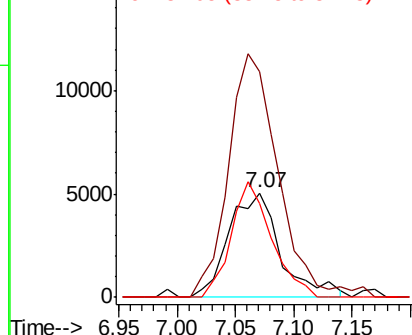
56 100

69 216.1 25.8 38.6#

84 90.3 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: 43.797 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062329.D

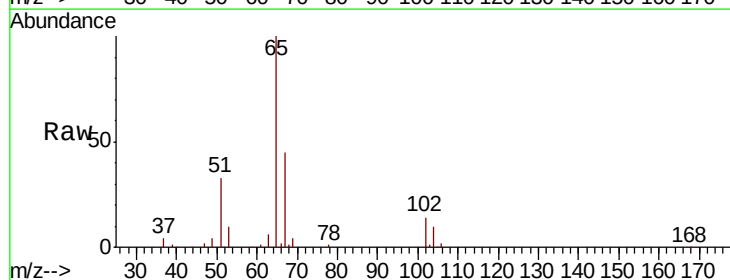
Acq: 14 May 2019 3:53

Tgt Ion: 65 Resp: 291021

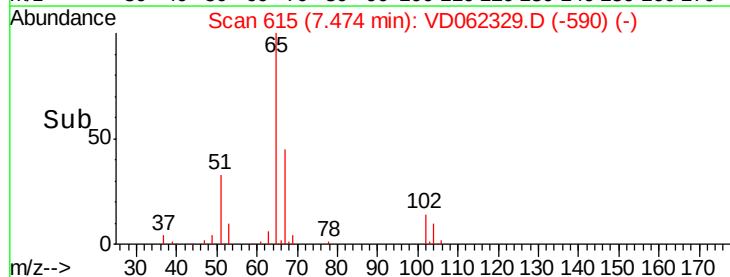
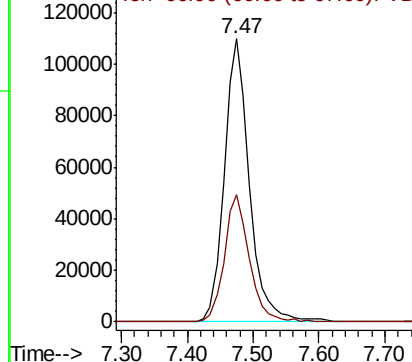
Ion Ratio Lower Upper

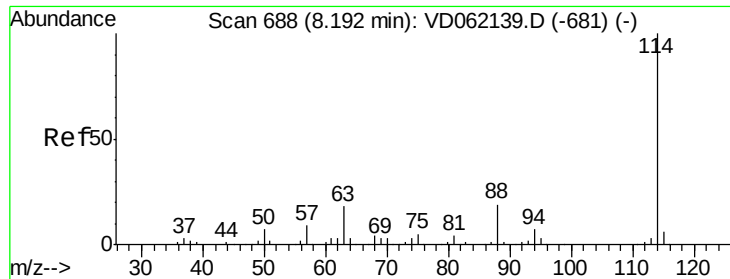
65 100

67 44.8 0.0 98.0



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

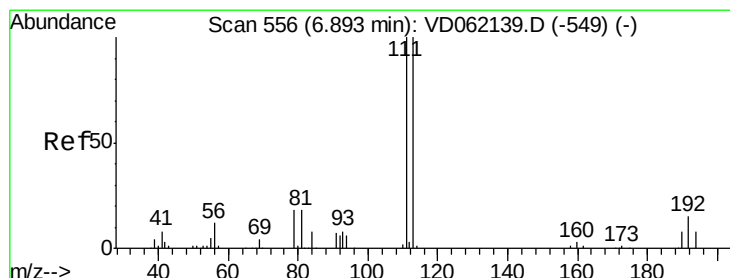
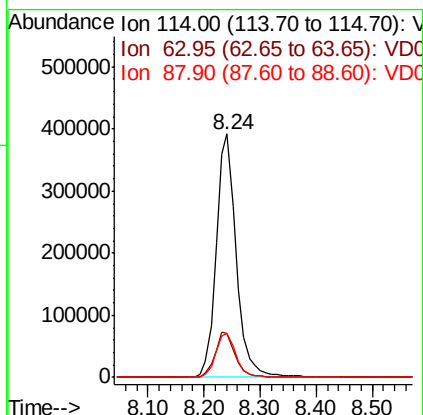
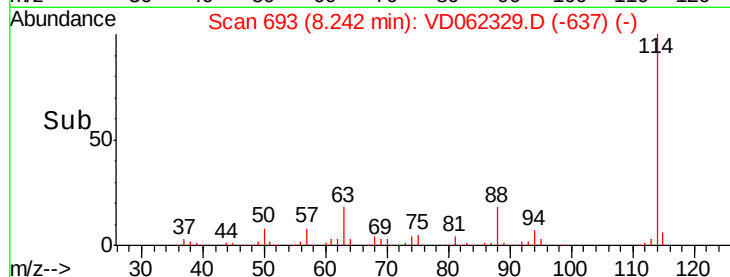
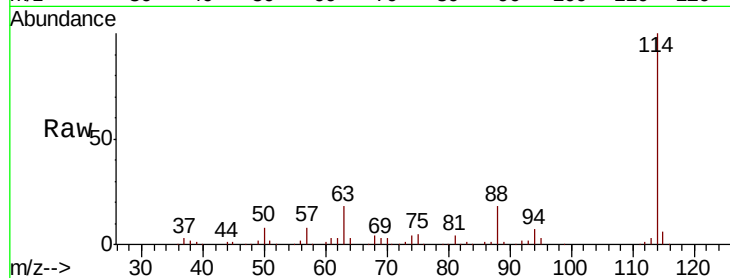




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062329.D
 Acq: 14 May 2019 3:53

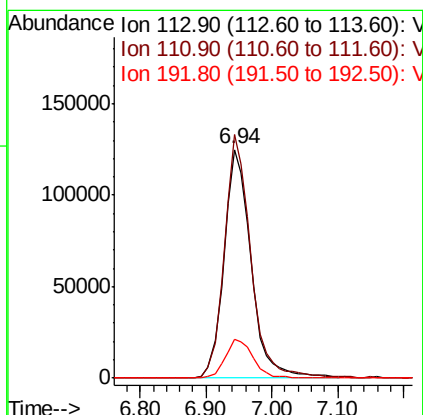
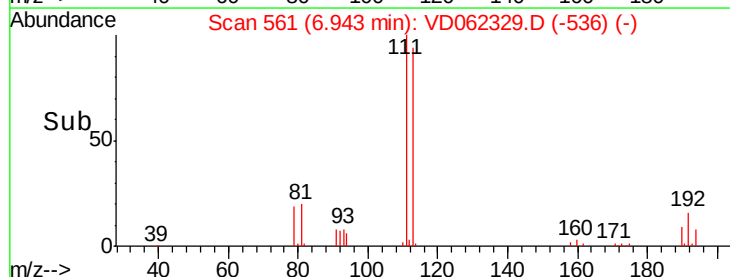
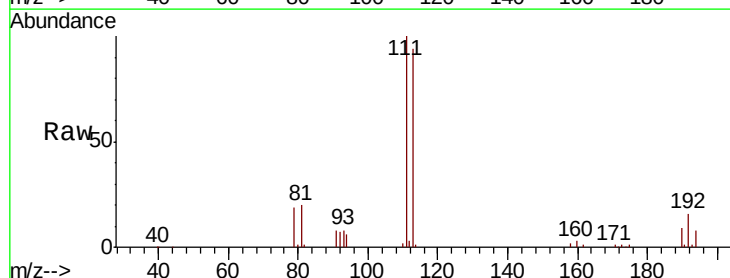
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-1824-02

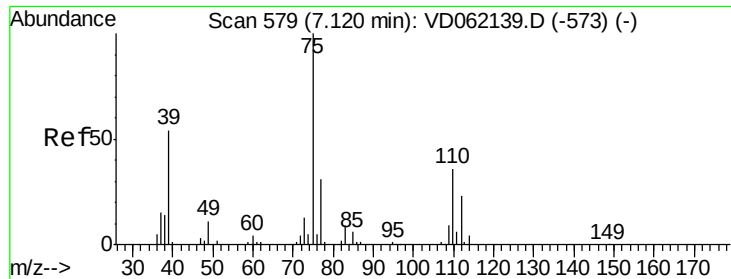
Tot Ion:114 Resp: 978344
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 32.4
 88 18.2 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 44.336 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062329.D
 Acq: 14 May 2019 3:53

Tgt Ion:113 Resp: 359895
 Ion Ratio Lower Upper
 113 100
 111 106.6 78.5 117.7
 192 17.2 13.0 19.4

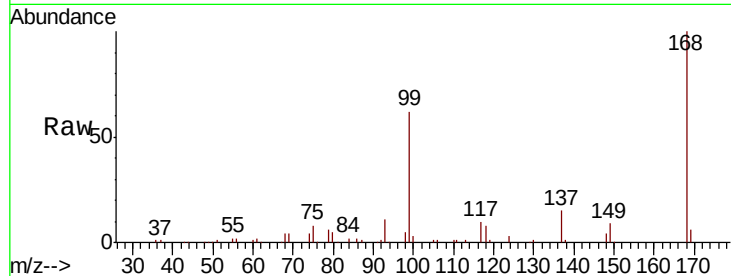




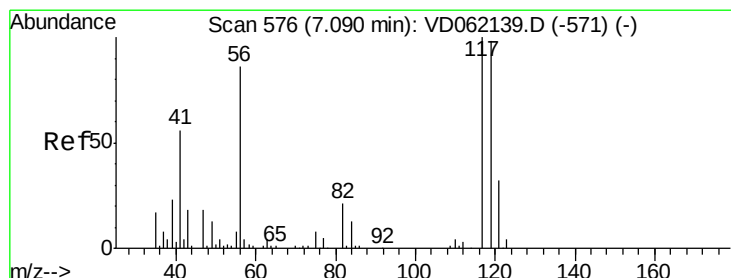
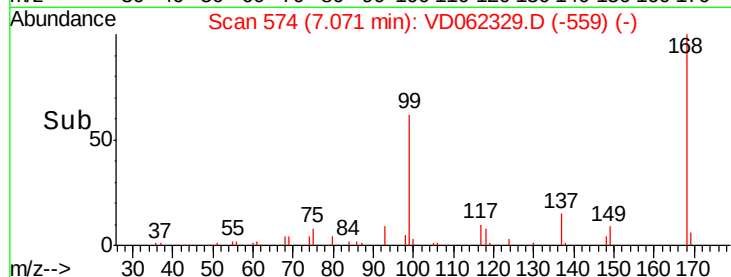
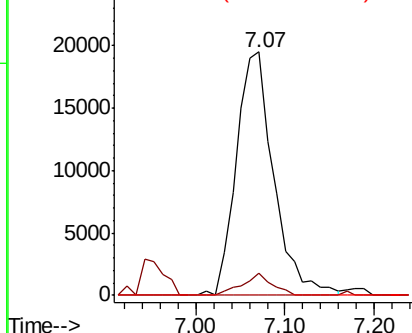
#36
 1,1-Dichloropropene
 Concen: 7.076 ug/l
 RT: 7.07 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: VD062329.D
 Acq: 14 May 2019 3:53

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-1824-02

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.1	57.1#
77	0.0	25.6	38.4#

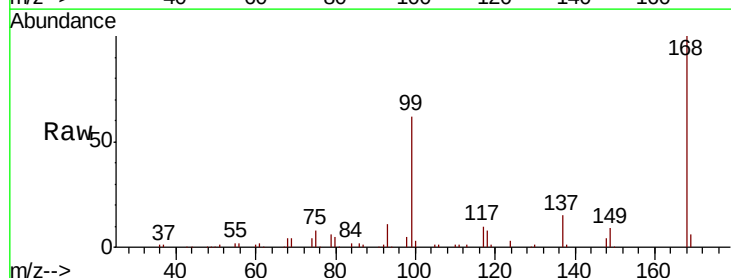


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

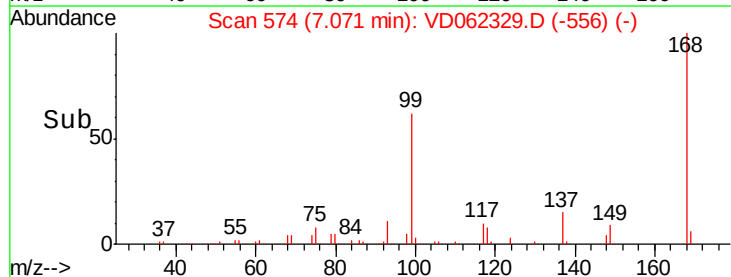
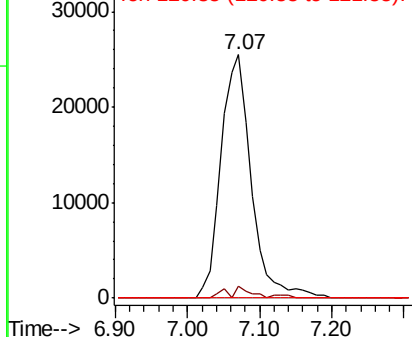


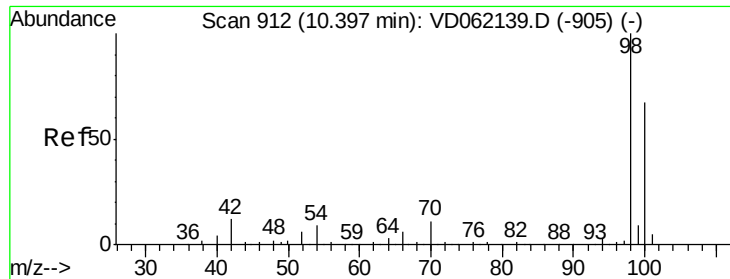
#38
 Carbon Tetrachloride
 Concen: 6.686 ug/l
 RT: 7.07 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: VD062329.D
 Acq: 14 May 2019 3:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	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: 35.142 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062329.D

Acq: 14 May 2019 3:53

Instrument :

MSVOA_D

ClientSampleId :

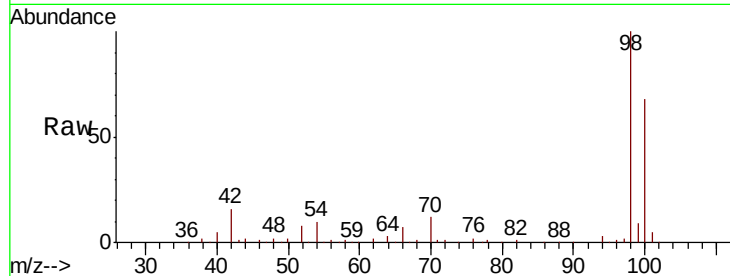
P026-SS015-1824-02

Tot Ion: 98 Resp: 687789

Ion Ratio Lower Upper

98 100

100 67.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.43

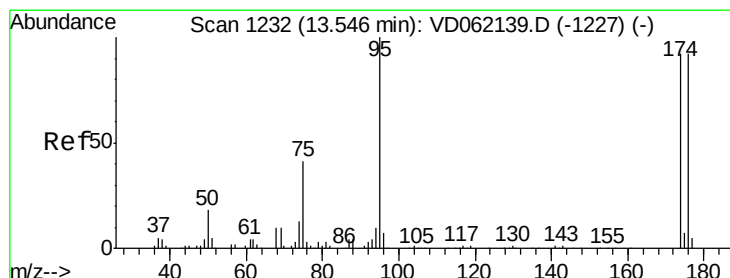
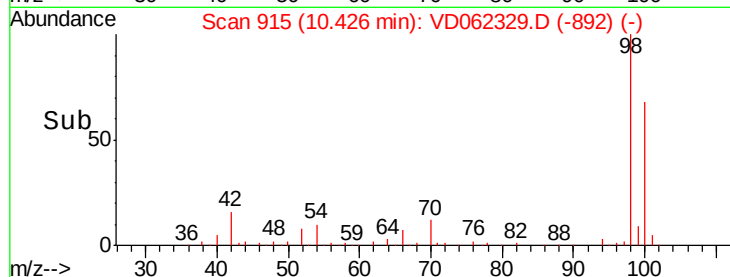
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.057 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062329.D

Acq: 14 May 2019 3:53

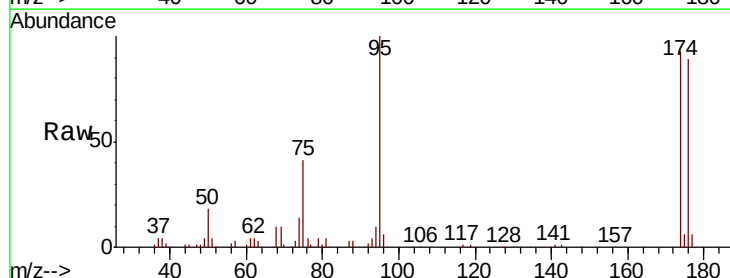
Tgt Ion: 95 Resp: 259804

Ion Ratio Lower Upper

95 100

174 92.5 0.0 181.8

176 89.0 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

250000

200000

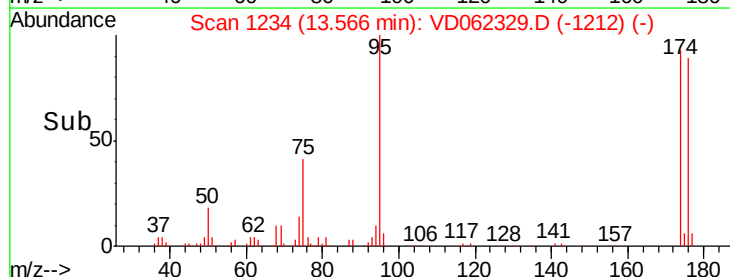
150000

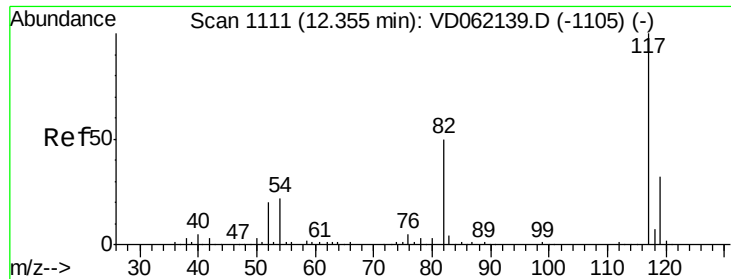
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50000

0

Time-->

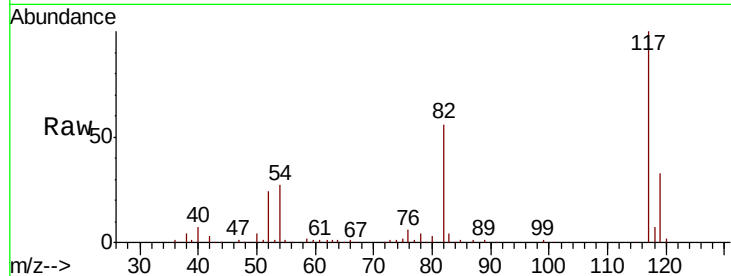




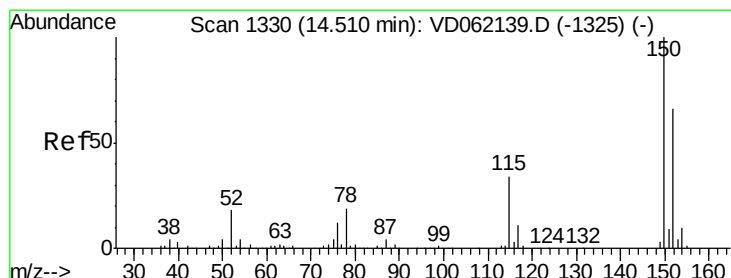
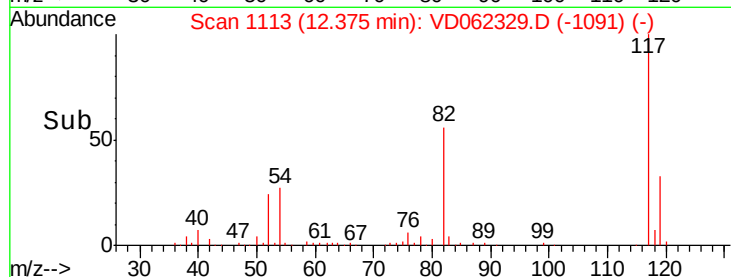
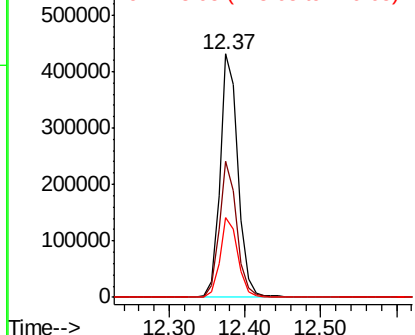
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062329.D
Acq: 14 May 2019 3:53

Instrument :
MSVOA_D
ClientSampleId :
P026-SS015-1824-02

Tot Ion:117 Resp: 713374
Ion Ratio Lower Upper
117 100
82 55.7 36.2 54.2#
119 32.6 26.2 39.4

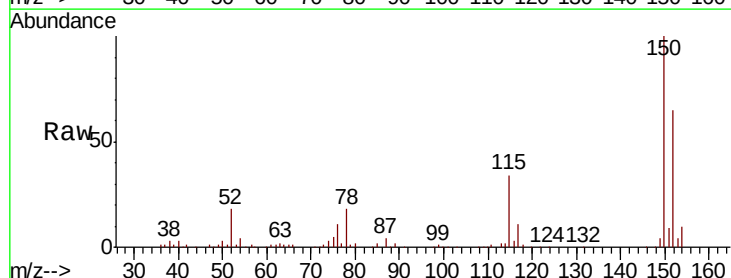


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

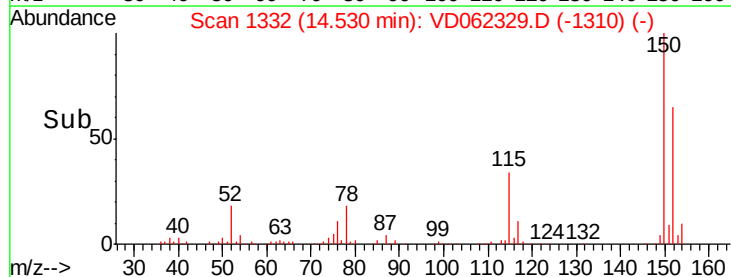
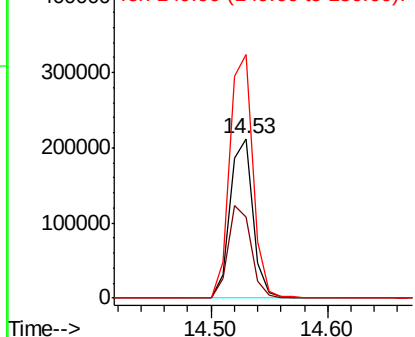


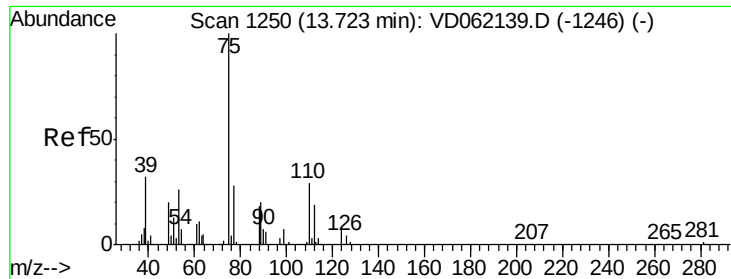
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062329.D
Acq: 14 May 2019 3:53

Tgt Ion:152 Resp: 287859
Ion Ratio Lower Upper
152 100
115 51.3 30.9 92.7
150 153.0 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





#76

1,2,3-Trichloropropane

Concen: 30.905 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062329.D

Acq: 14 May 2019 3:53

Instrument :

MSVOA_D

ClientSampleId :

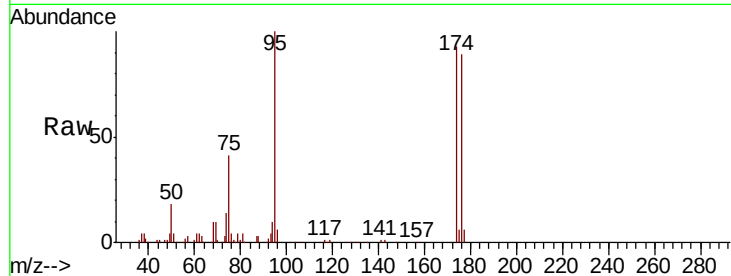
P026-SS015-1824-02

Tot Ion: 75 Resp: 105725

Ion Ratio Lower Upper

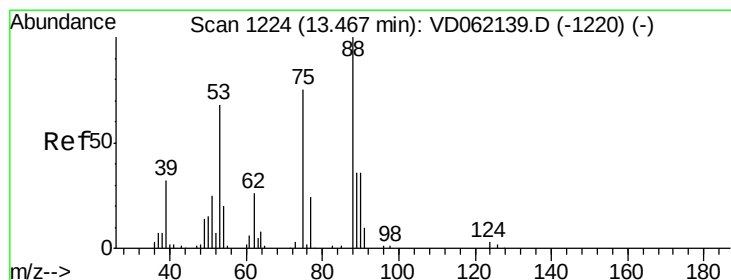
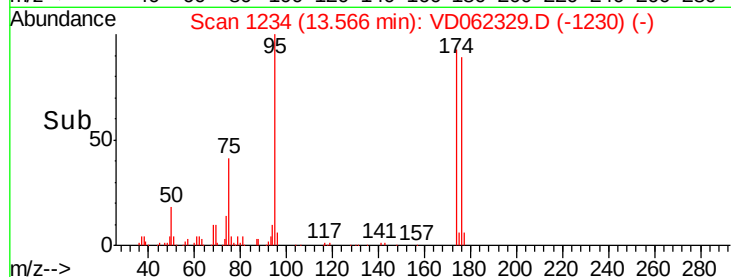
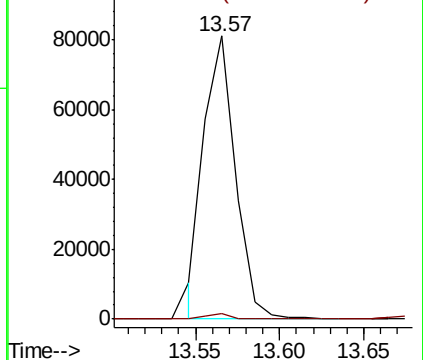
75 100

77 2.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 115.799 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062329.D

Acq: 14 May 2019 3:53

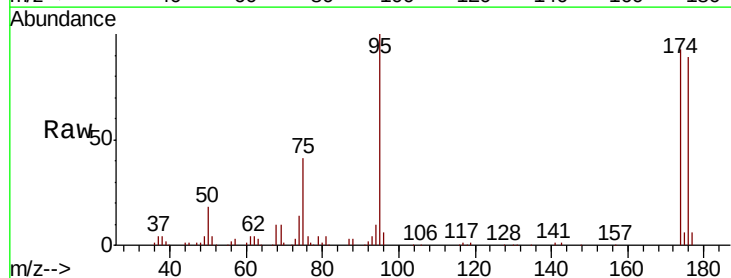
Tgt Ion: 75 Resp: 111834

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

