

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062323.D
 Acq On : 14 May 2019 1:07
 Operator : FY/SY
 Sample : K2735-01
 Misc : 6.11g/5mL/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-0206-01

Quant Time: May 14 05:14:29 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

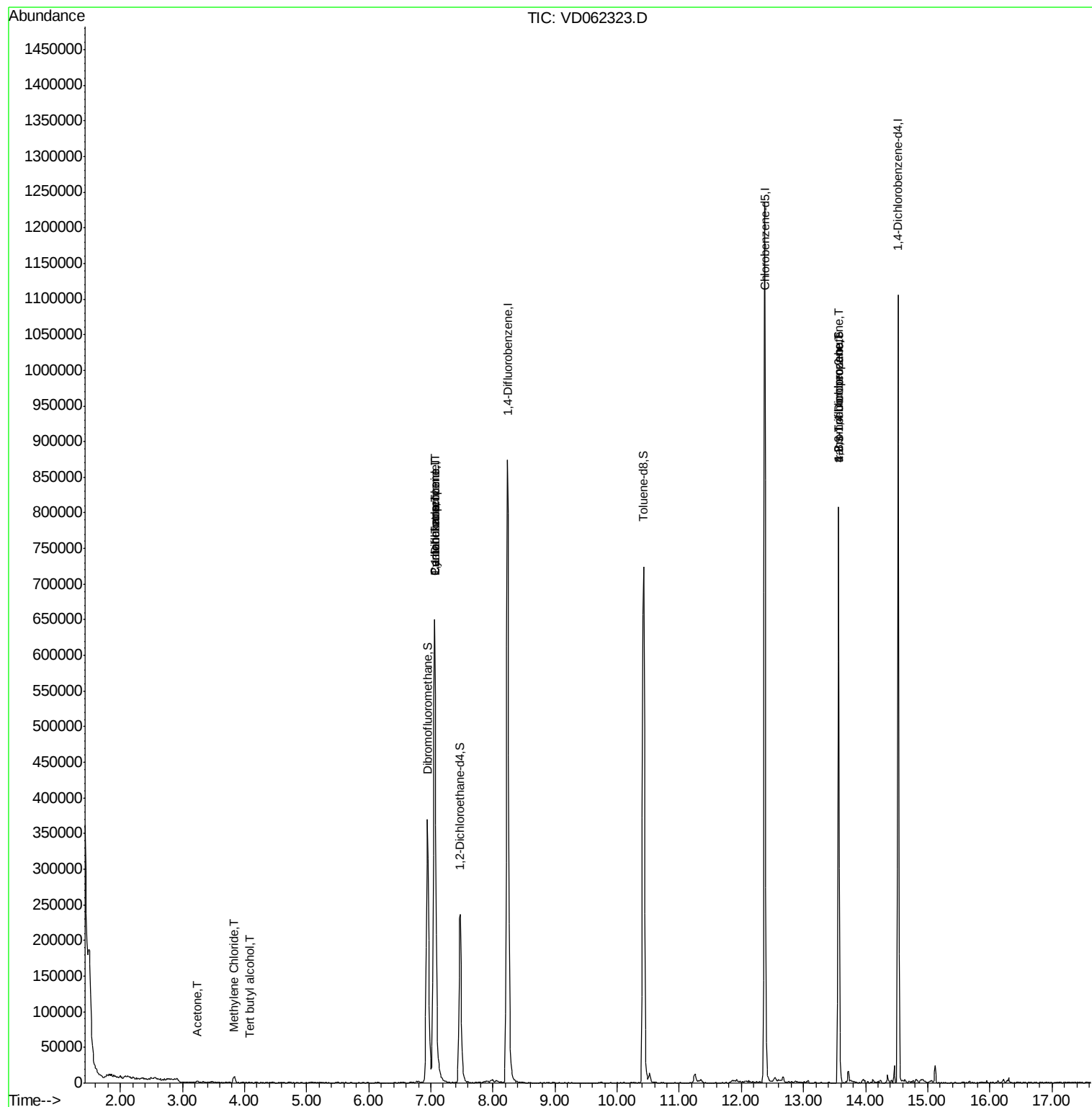
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	606741	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	912410	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	644704	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	252059	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	259037	45.94	ug/l	0.04
Spiked Amount 50.000			Recovery	=	91.88%	
35) Dibromofluoromethane	6.94	113	319902	42.26	ug/l	0.05
Spiked Amount 50.000			Recovery	=	84.52%	
50) Toluene-d8	10.43	98	605026	33.15	ug/l	0.03
Spiked Amount 50.000			Recovery	=	66.30%	
62) 4-Bromofluorobenzene	13.57	95	223773	30.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.06%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.08	59	892	3.099	ug/l #	76
16) Acetone	3.23	43	3938	3.330	ug/l #	50
18) Methyl Acetate	3.67	43	329	Below Cal	#	53
20) Methylene Chloride	3.84	84	5544	1.123	ug/l	90
31) Cyclohexane	7.06	56	12436	2.102	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	49294	6.589	ug/l #	46
38) Carbon Tetrachloride	7.06	117	64502	6.230	ug/l #	15
76) 1,2,3-Trichloropropane	13.57	75	93008	31.049	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.57	75	100664	119.037	ug/l #	16

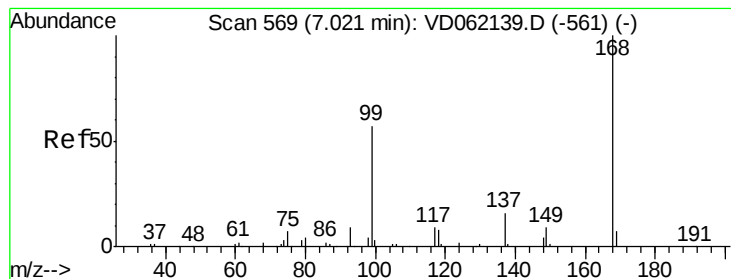
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

Instrument :

MSVOA_D

ClientSampleId :

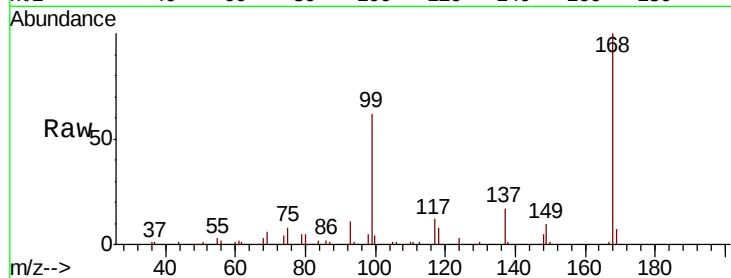
P026-SS015-0206-01

Tot Ion:168 Resp: 606741

Ion Ratio Lower Upper

168 100

99 62.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

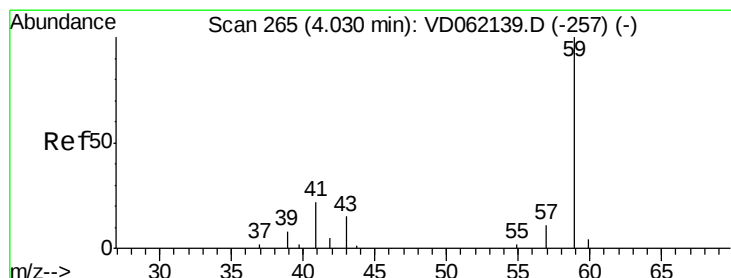
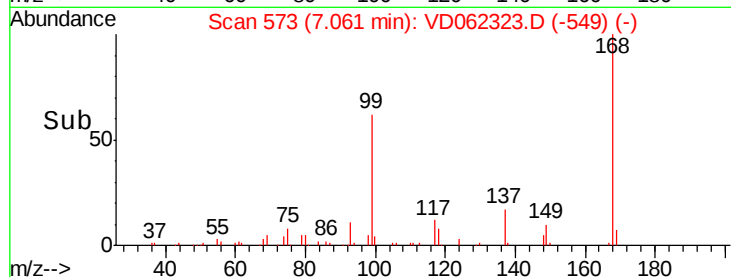
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 3.099 ug/l

RT: 4.08 min Scan# 270

Delta R.T. 0.05 min

Lab File: VD062323.D

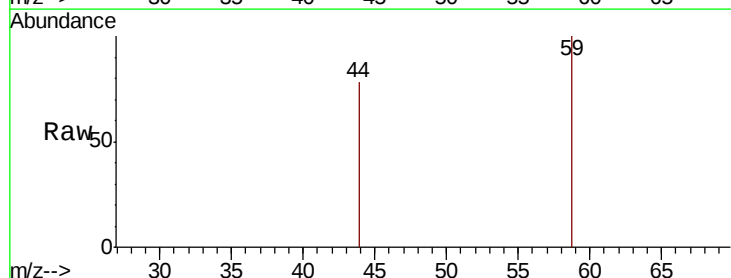
Acq: 14 May 2019 1:07

Tgt Ion: 59 Resp: 892

Ion Ratio Lower Upper

59 100

57 0.0 6.9 10.3#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.08

800

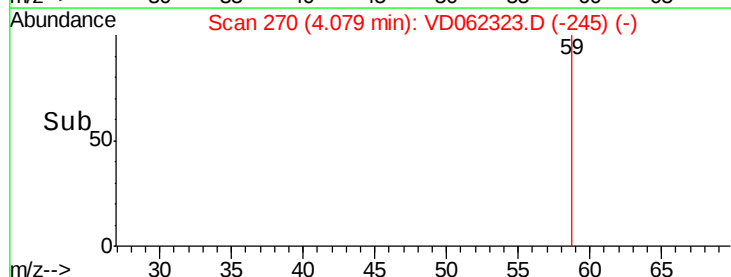
600

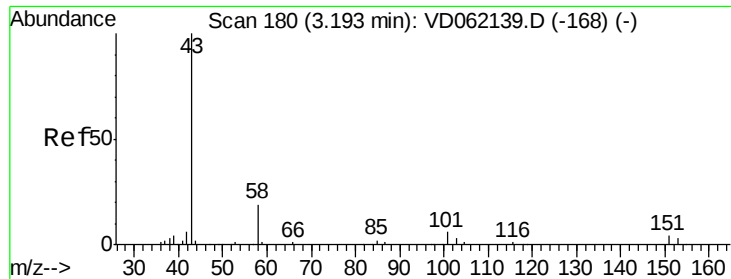
400

200

0

Time--> 4.05 4.10





#16

Acetone

Concen: 3.330 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

Instrument :

MSVOA_D

ClientSampleId :

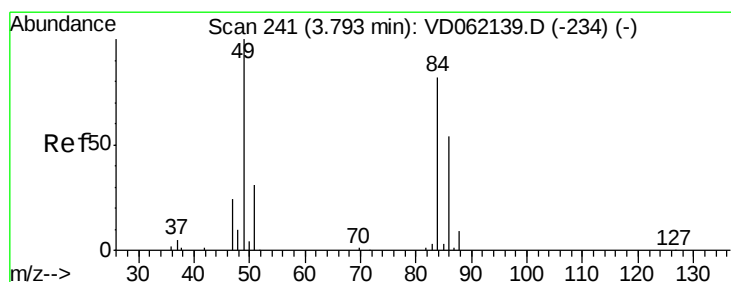
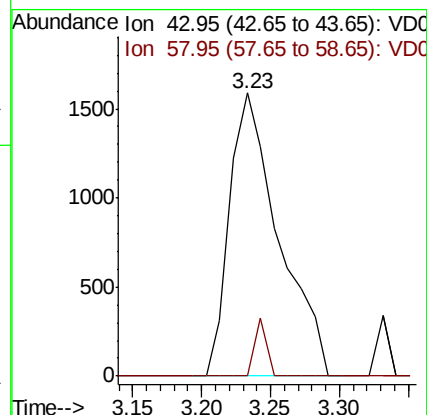
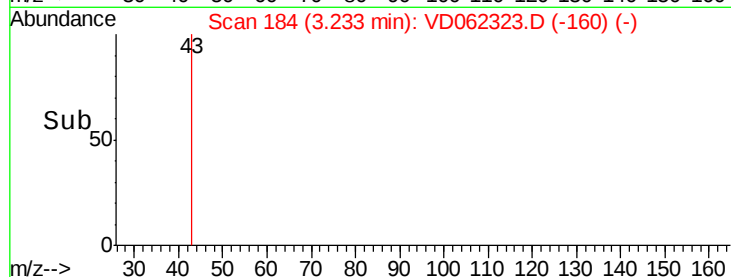
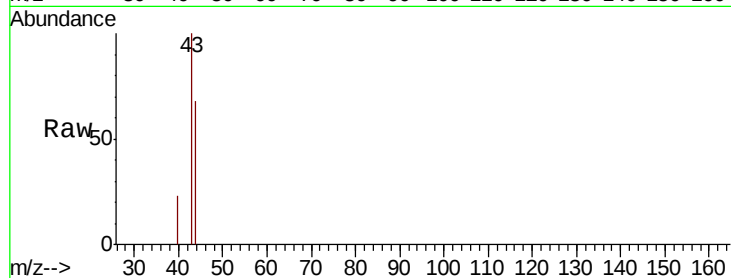
P026-SS015-0206-01

Tot Ion: 43 Resp: 3938

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



#20

Methylene Chloride

Concen: 1.123 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.05 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

Tgt Ion: 84 Resp: 5544

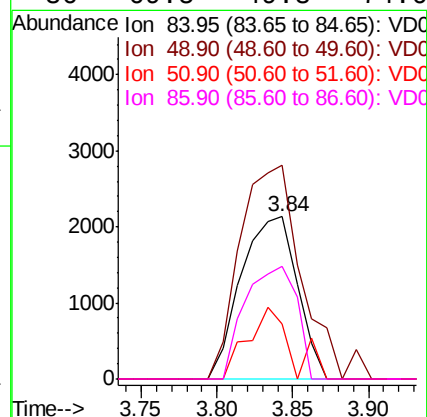
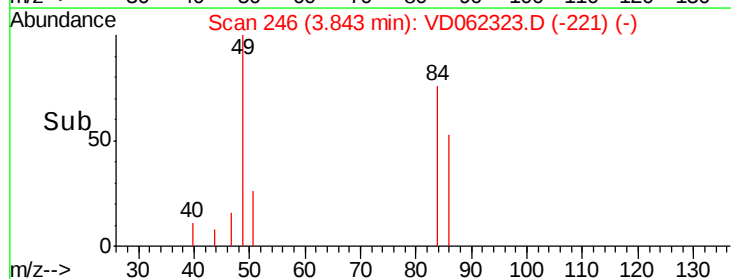
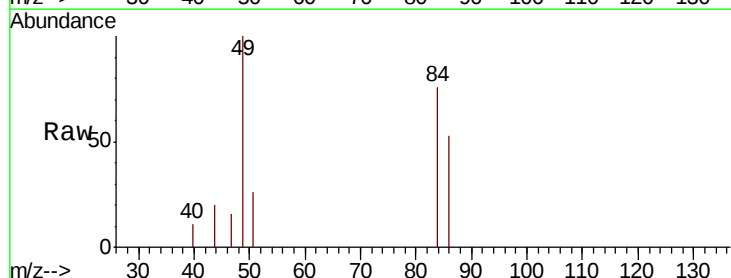
Ion Ratio Lower Upper

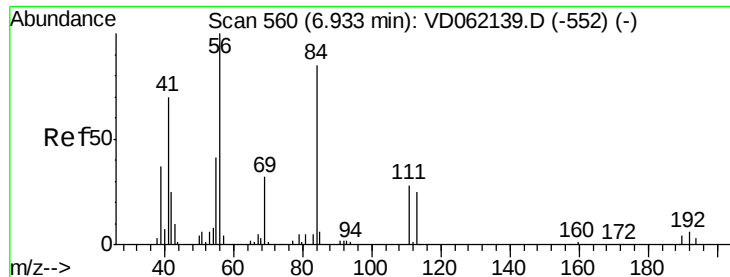
84 100

49 131.4 94.0 141.0

51 33.9 29.0 43.4

86 69.5 49.8 74.6

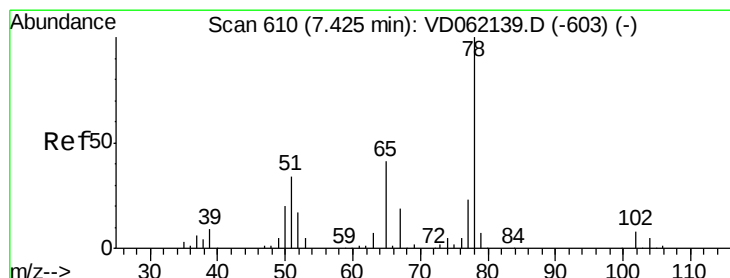
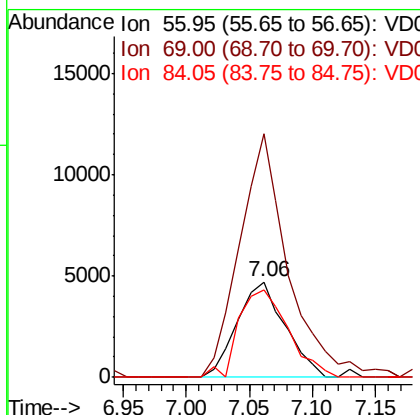
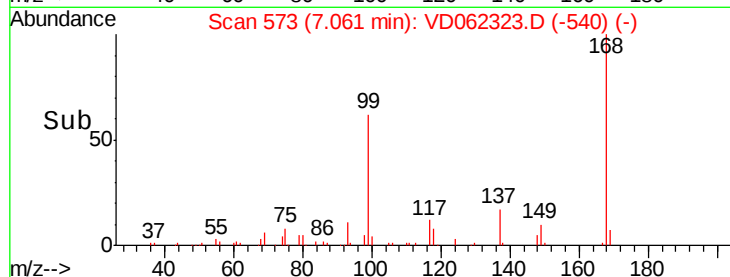
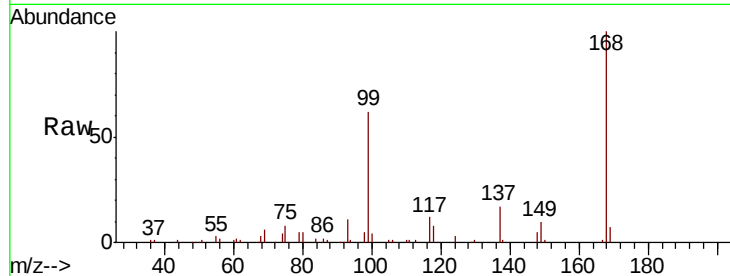




#31
Cyclohexane
Concen: 2.102 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.13 min
Lab File: VD062323.D
Acq: 14 May 2019 1:07

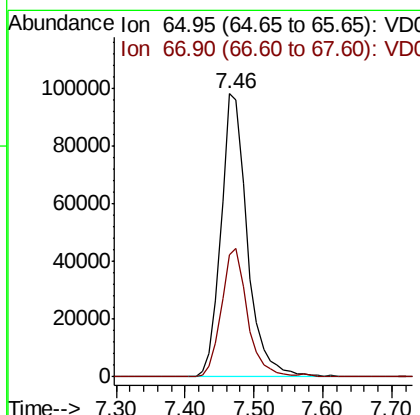
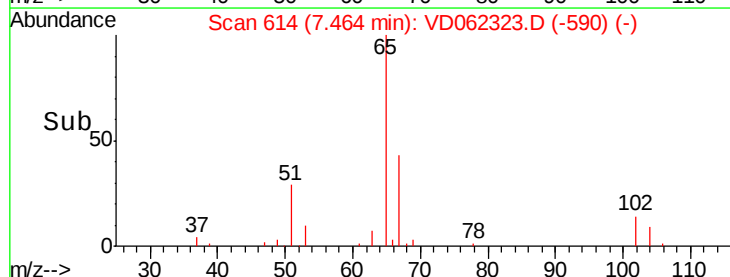
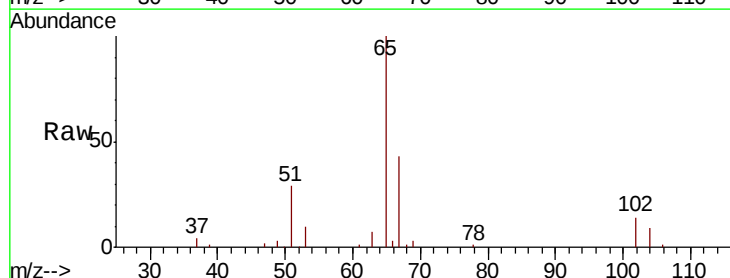
Instrument :
MSVOA_D
ClientSampleId :
P026-SS015-0206-01

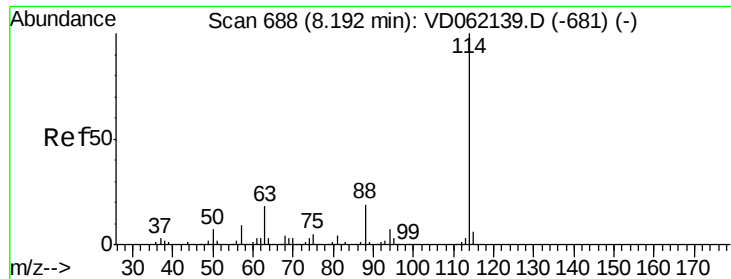
Tot Ion: 56 Resp: 12436
Ion Ratio Lower Upper
56 100
69 256.0 25.8 38.6#
84 91.3 72.2 108.4



#33
1,2-Dichloroethane-d4
Concen: 45.941 ug/l
RT: 7.46 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD062323.D
Acq: 14 May 2019 1:07

Tgt Ion: 65 Resp: 259037
Ion Ratio Lower Upper
65 100
67 43.2 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

Instrument :

MSVOA_D

ClientSampleId :

P026-SS015-0206-01

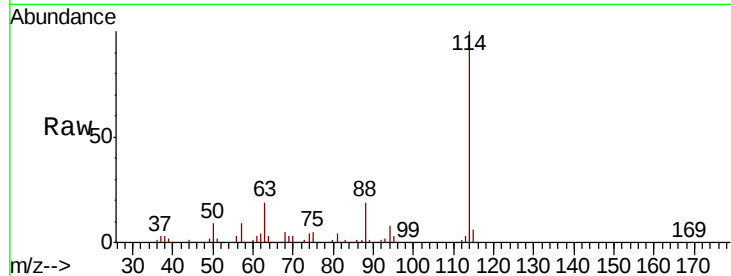
Tot Ion:114 Resp: 912410

Ion Ratio Lower Upper

114 100

63 18.9 0.0 32.4

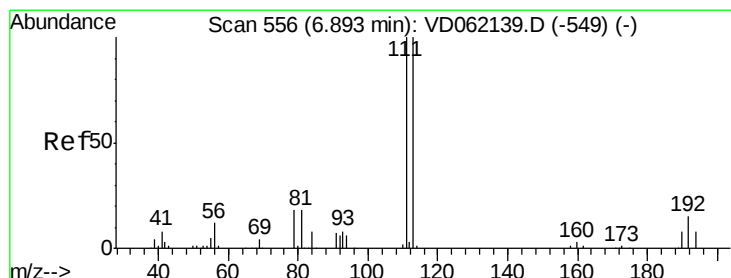
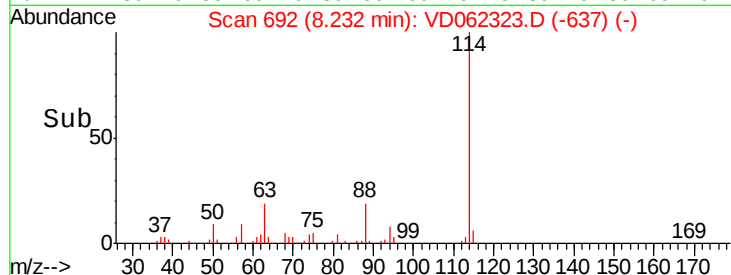
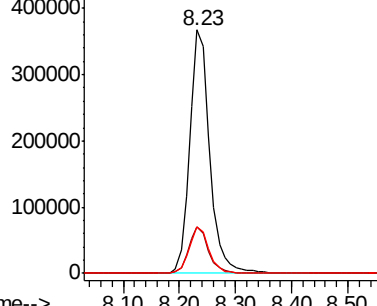
88 19.1 0.0 33.6



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: 42.257 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

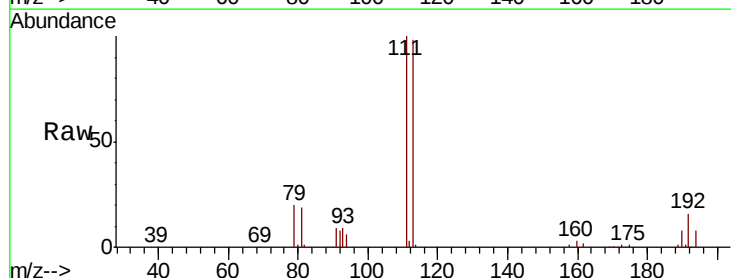
Tgt Ion:113 Resp: 319902

Ion Ratio Lower Upper

113 100

111 101.7 78.5 117.7

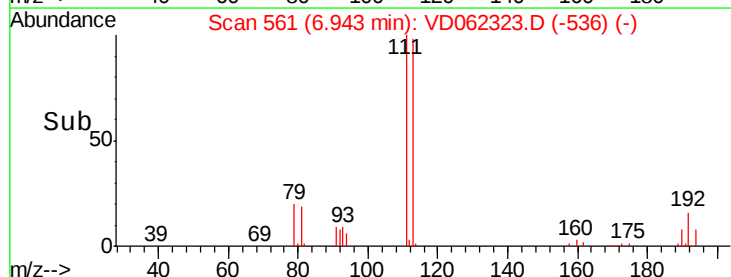
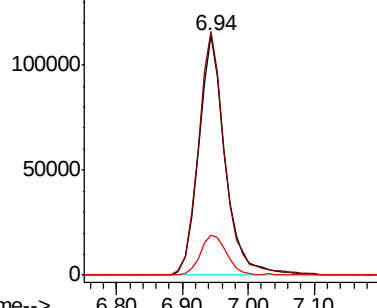
192 16.5 13.0 19.4

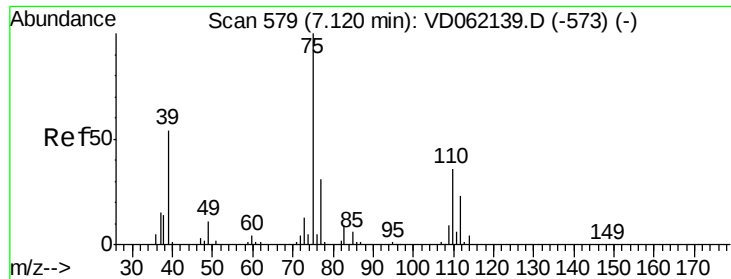


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

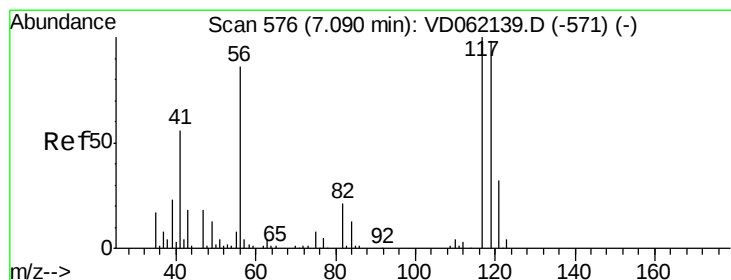
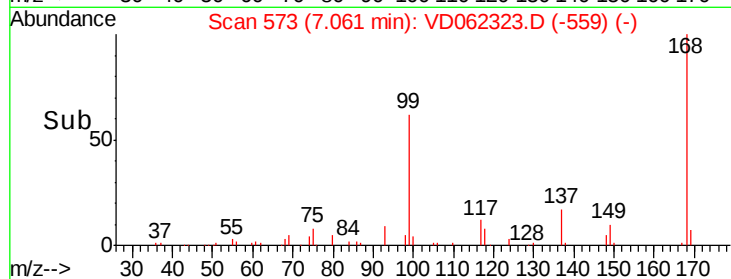
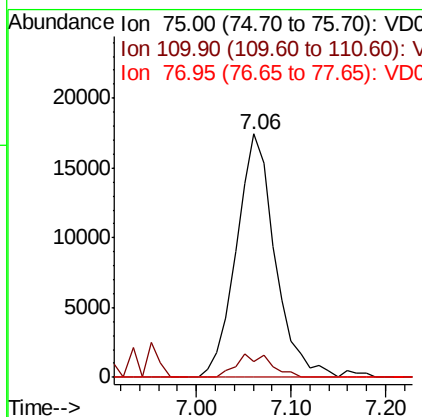
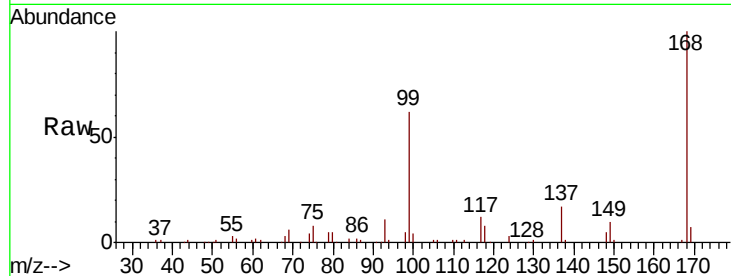




#36
 1,1-Dichloropropene
 Concen: 6.589 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: VD062323.D
 Acq: 14 May 2019 1:07

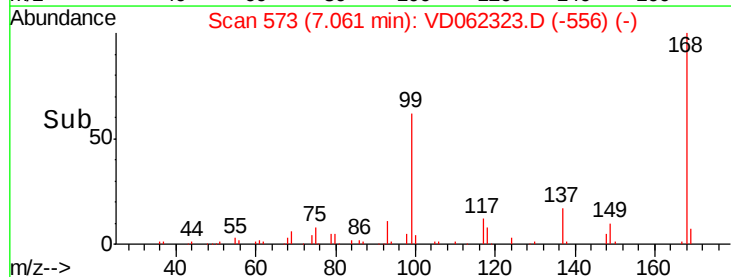
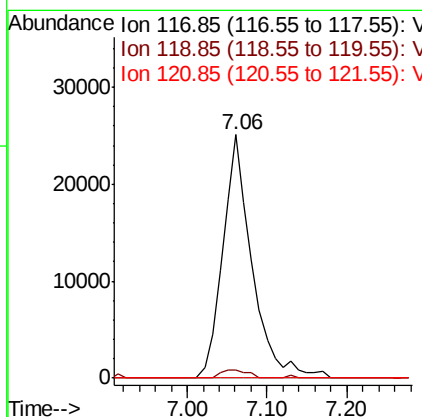
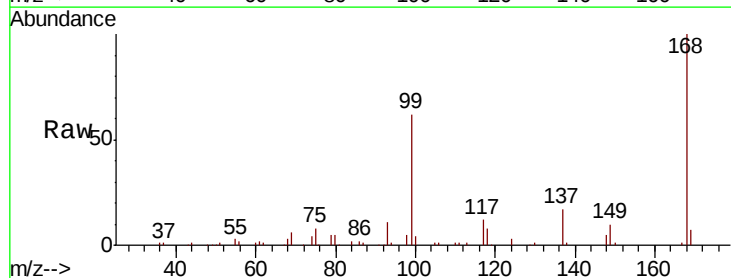
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-0206-01

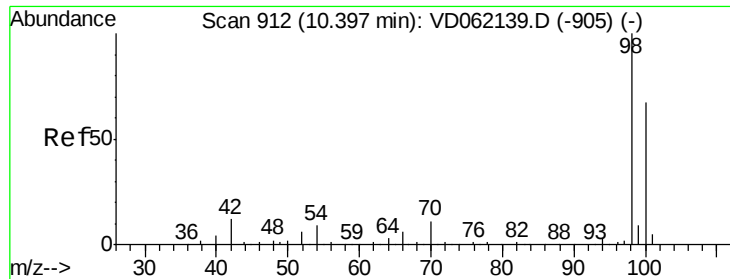
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.7	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.230 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.03 min
 Lab File: VD062323.D
 Acq: 14 May 2019 1:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.3	75.8	113.8#
121	0.0	25.9	38.9#

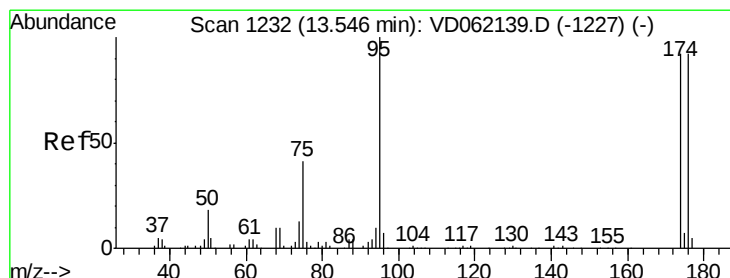
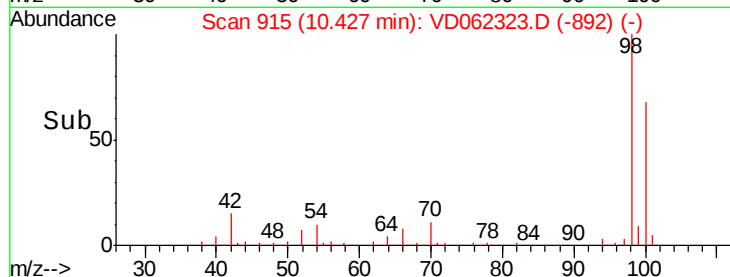
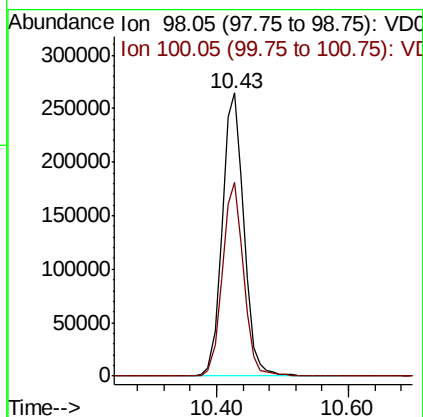
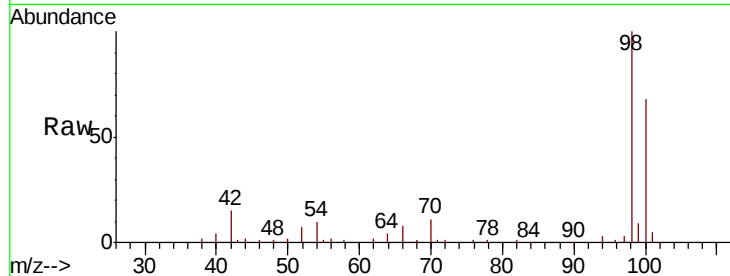




#50
Toluene-d8
Concen: 33.147 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062323.D
Acq: 14 May 2019 1:07

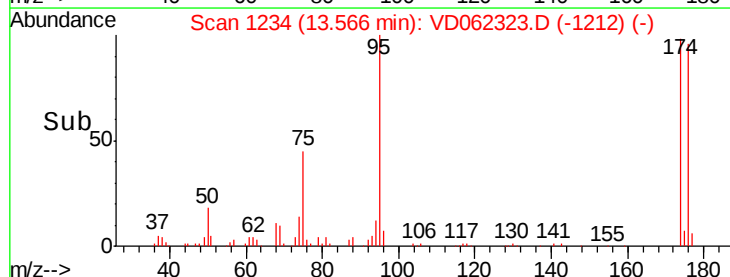
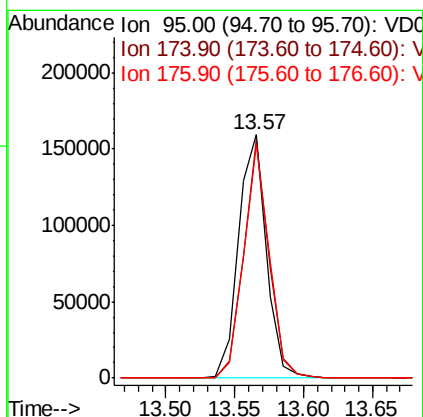
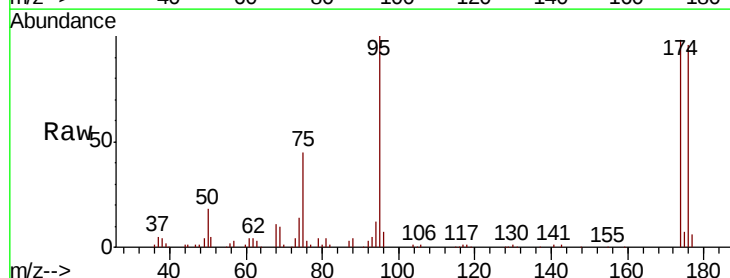
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P026-SS015-0206-01

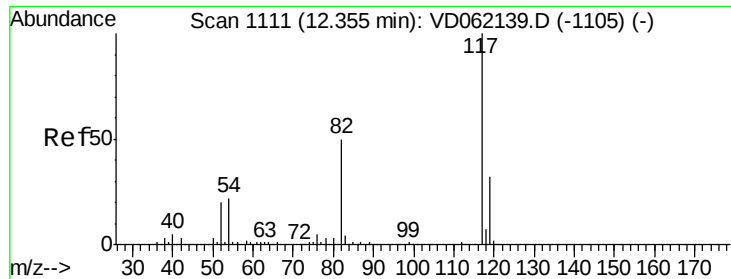
Tot Ion: 98 Resp: 605026
Ion Ratio Lower Upper
98 100
100 68.4 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 30.530 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062323.D
Acq: 14 May 2019 1:07

Tgt Ion: 95 Resp: 223773
Ion Ratio Lower Upper
95 100
174 98.1 0.0 181.8
176 96.0 0.0 174.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

Instrument :

MSVOA_D

ClientSampleId :

P026-SS015-0206-01

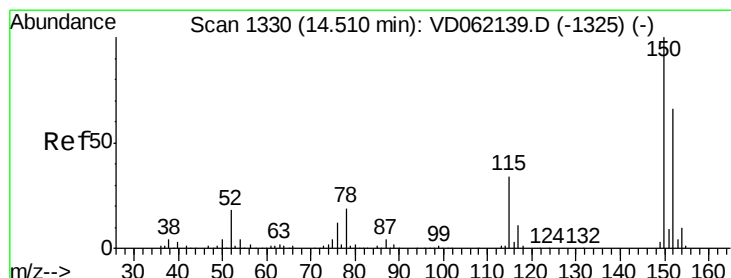
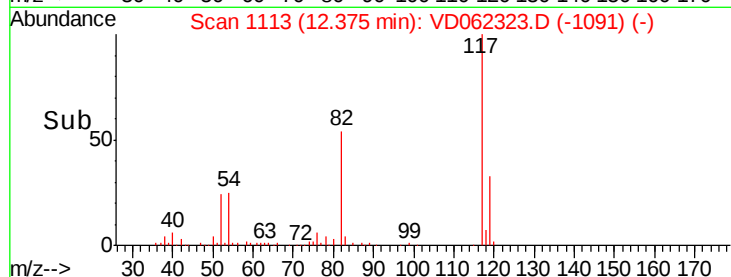
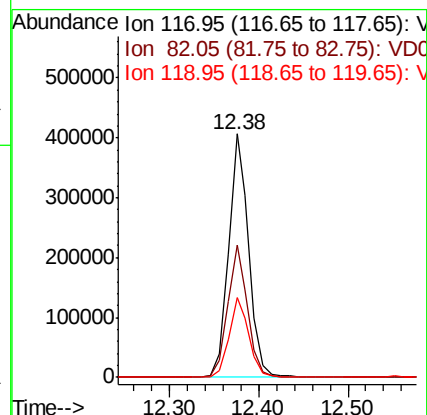
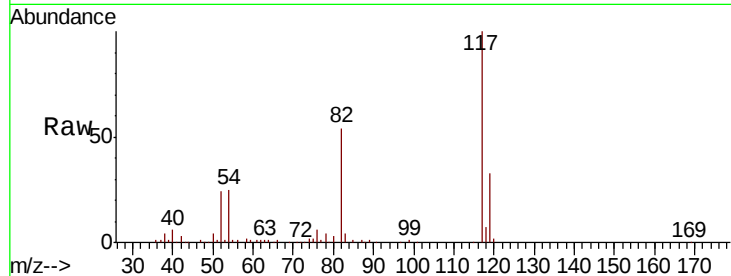
Tot Ion:117 Resp: 644704

Ion Ratio Lower Upper

117 100

82 54.3 36.2 54.2#

119 32.5 26.2 39.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

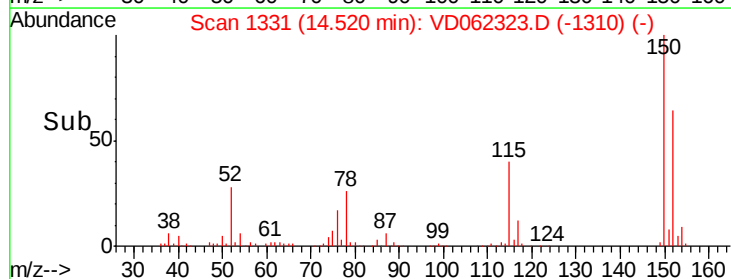
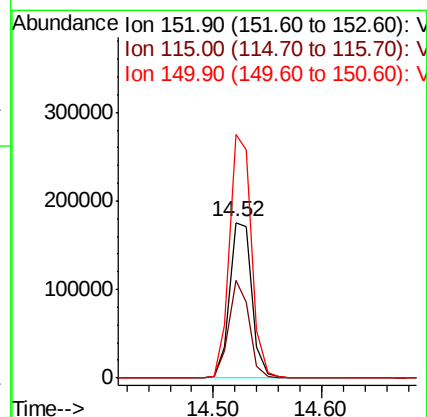
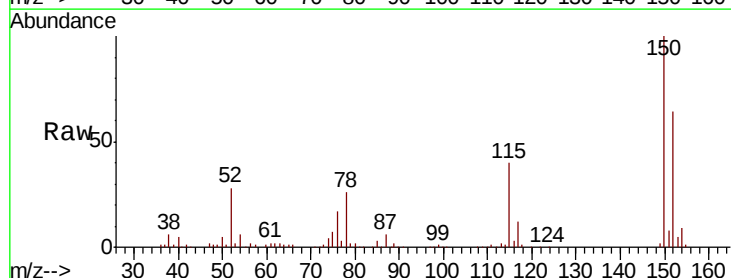
Tgt Ion:152 Resp: 252059

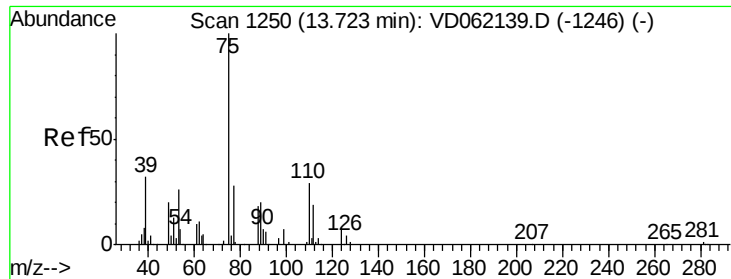
Ion Ratio Lower Upper

152 100

115 62.9 30.9 92.7

150 156.7 0.0 314.8





#76

1,2,3-Trichloropropane

Concen: 31.049 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

Instrument :

MSVOA_D

ClientSampleId :

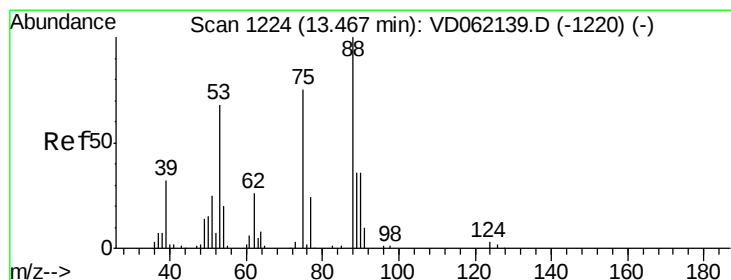
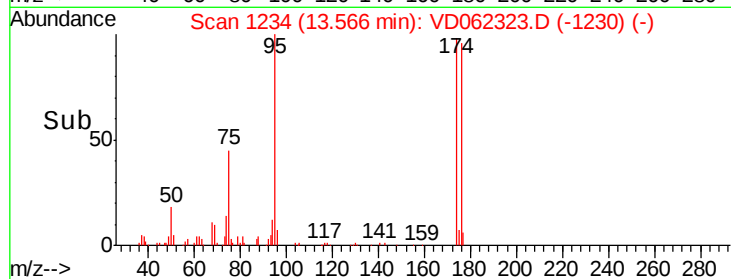
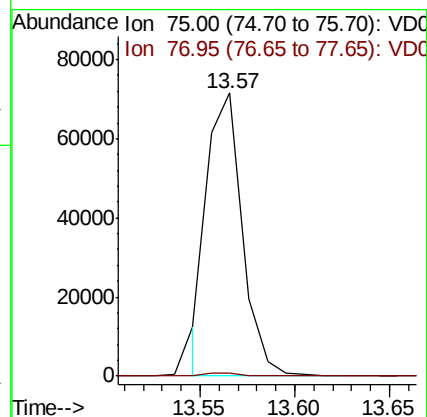
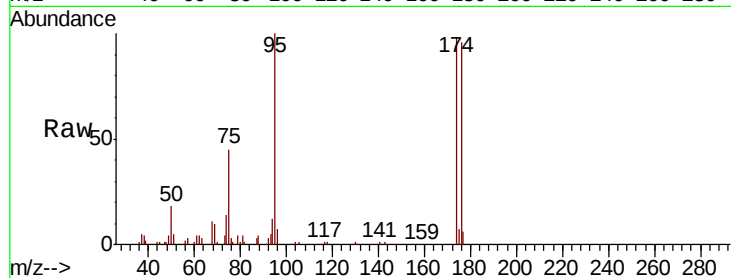
P026-SS015-0206-01

Tot Ion: 75 Resp: 93008

Ion Ratio Lower Upper

75 100

77 1.2 16.4 49.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.037 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

Tgt Ion: 75 Resp: 100664

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

