

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062372.D
 Acq On : 15 May 2019 4:28
 Operator : FY/SY
 Sample : K2735-15RE
 Misc : 5.03g/5mL/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0612-01RE

Quant Time: May 15 06:33:49 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	448538	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	651878	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	491247	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	204101	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	239148	57.37	ug/l	0.04
Spiked Amount			Recovery	=	114.74%	
35) Dibromofluoromethane	6.95	113	257522	47.61	ug/l	0.05
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	10.42	98	386329	29.62	ug/l	0.02
Spiked Amount			Recovery	=	59.24%	
62) 4-Bromofluorobenzene	13.56	95	148891	28.43	ug/l	0.01
Spiked Amount			Recovery	=	56.86%	

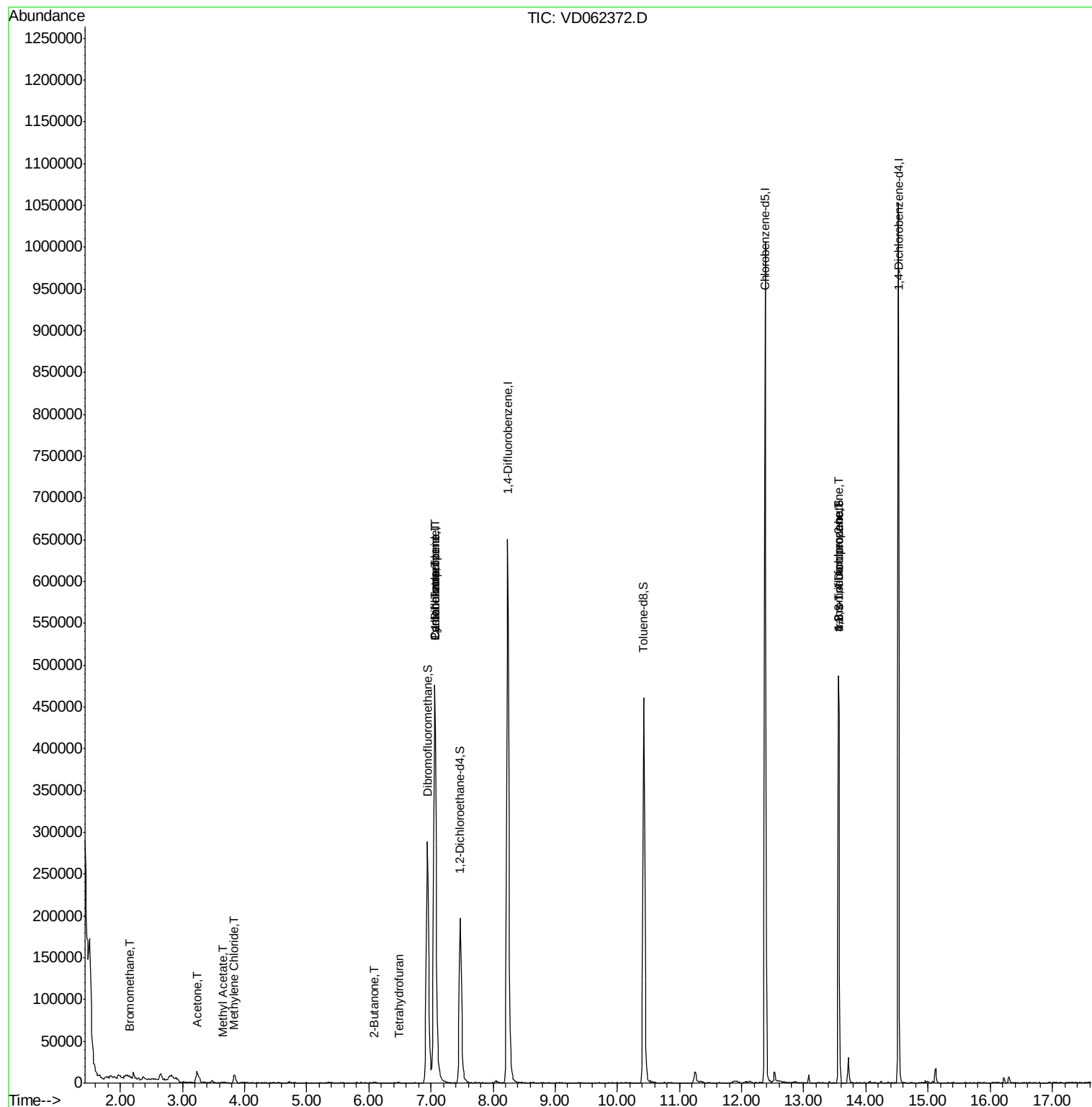
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	1123	1.573	ug/l #	12
16) Acetone	3.24	43	28780	32.924	ug/l #	80
18) Methyl Acetate	3.66	43	2429	1.258	ug/l #	53
20) Methylene Chloride	3.84	84	5888	1.613	ug/l #	90
25) 2-Butanone	6.08	43	1181	1.239	ug/l #	56
29) Tetrahydrofuran	6.49	42	840	1.912	ug/l #	30
31) Cyclohexane	7.05	56	10286	2.352	ug/l #	11
36) 1,1-Dichloropropene	7.06	75	40018	7.487	ug/l #	46
38) Carbon Tetrachloride	7.06	117	48639	6.575	ug/l #	16
76) 1,2,3-Trichloropropane	13.56	75	64535	26.606	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	65328	95.404	ug/l #	16

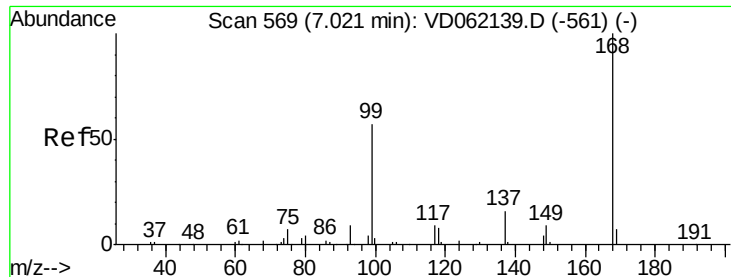
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051419\
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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: VD062372.D

Acq: 15 May 2019 4:28

Instrument :

MSVOA_D

ClientSampleId :

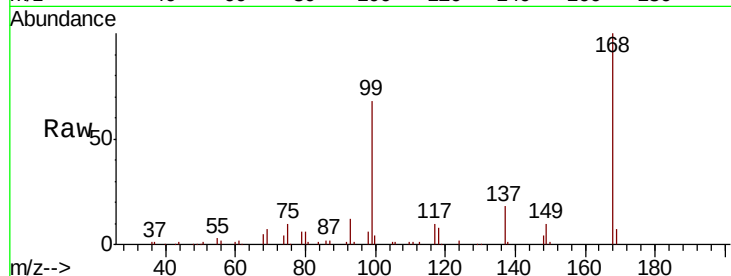
P026-SS017-0612-01RE

Tot Ion:168 Resp: 448538

Ion Ratio Lower Upper

168 100

99 68.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

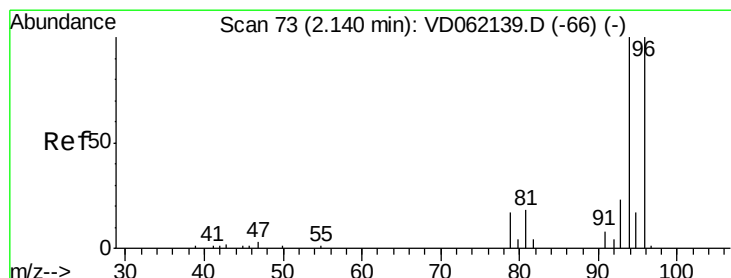
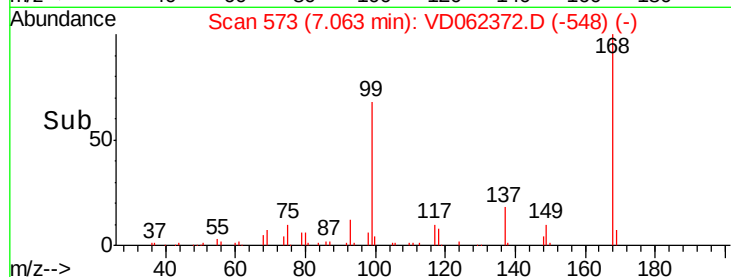
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 1.573 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062372.D

Acq: 15 May 2019 4:28

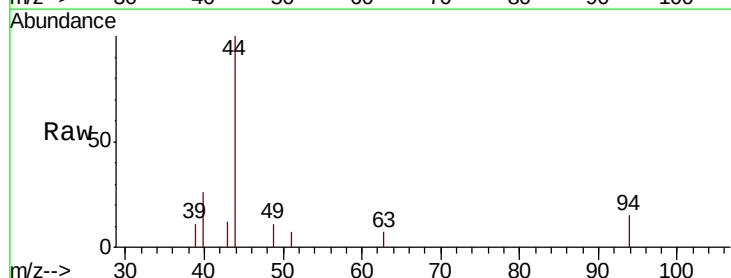
Tgt Ion: 94 Resp: 1123

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 0.0 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

2.15

800

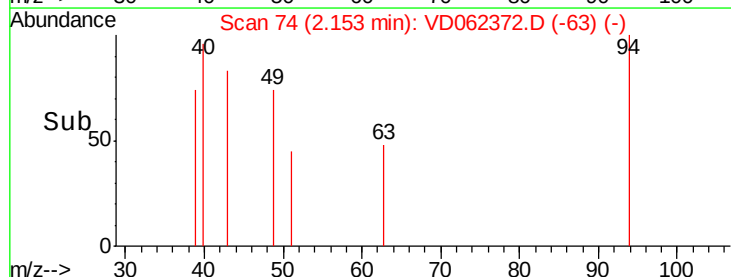
600

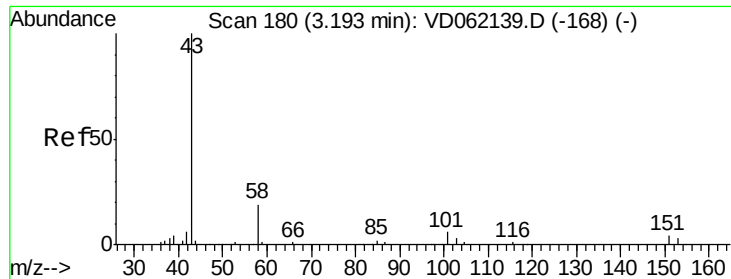
400

200

0

Time--> 2.14 2.16 2.18





#16

Acetone

Concen: 32.924 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062372.D

Acq: 15 May 2019 4:28

Instrument :

MSVOA_D

ClientSampleId :

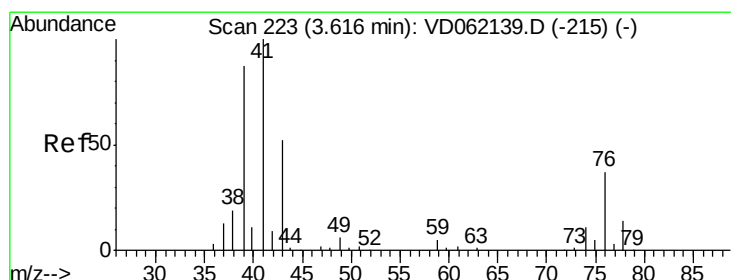
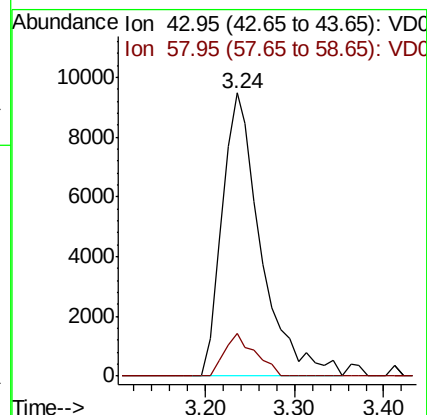
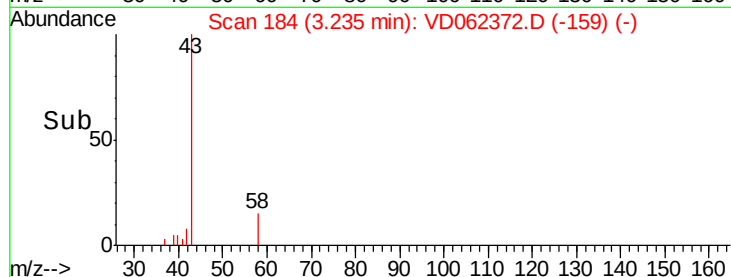
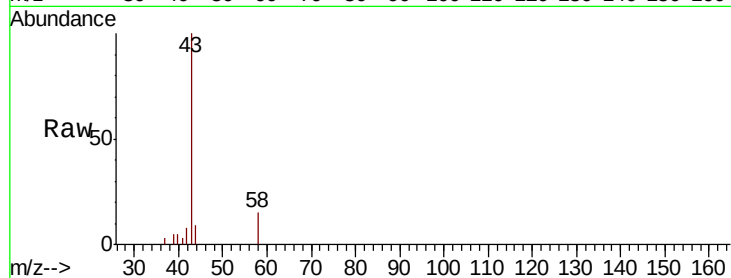
P026-SS017-0612-01RE

Tot Ion: 43 Resp: 28780

Ion Ratio Lower Upper

43 100

58 15.1 19.9 29.9#



#18

Methyl Acetate

Concen: 1.258 ug/l

RT: 3.66 min Scan# 227

Delta R.T. 0.04 min

Lab File: VD062372.D

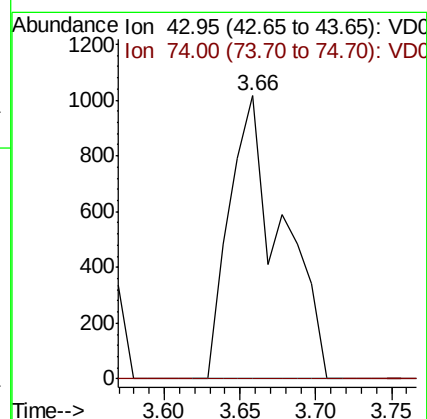
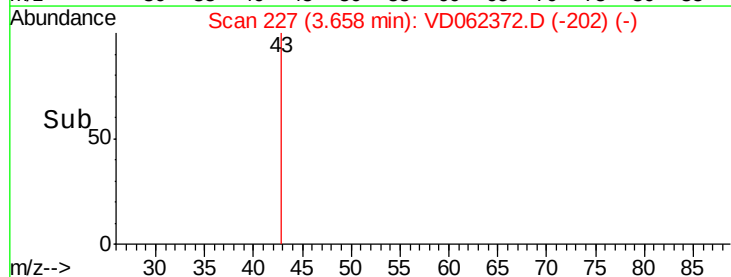
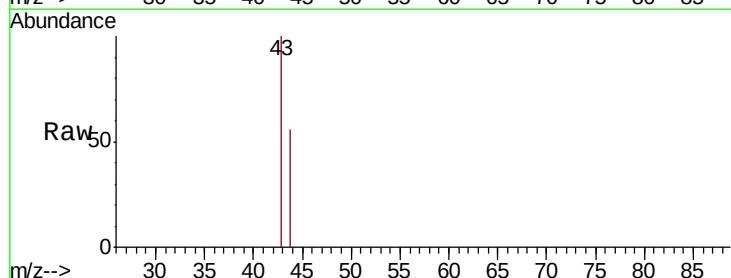
Acq: 15 May 2019 4:28

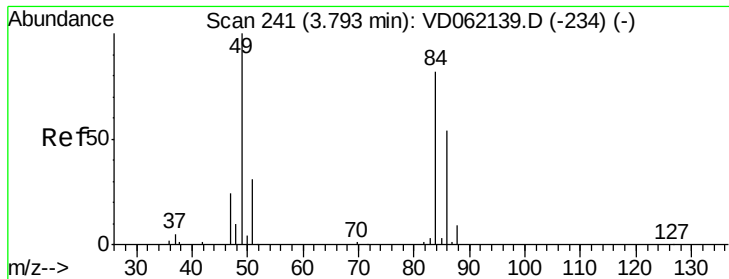
Tgt Ion: 43 Resp: 2429

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#

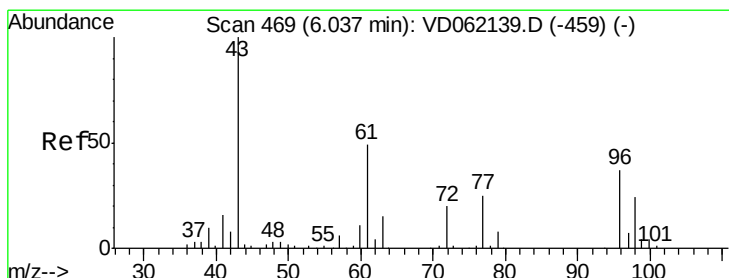
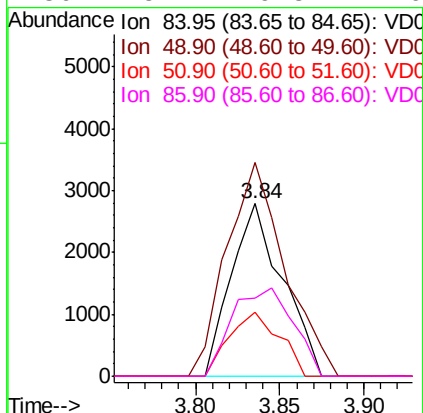
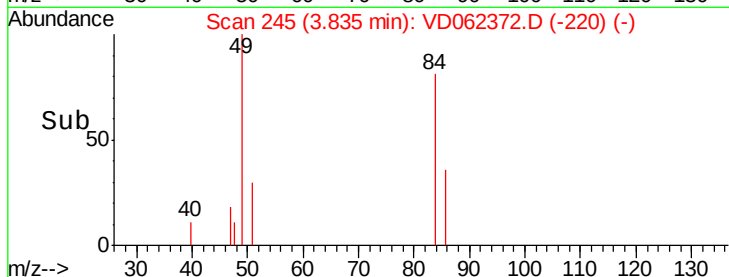
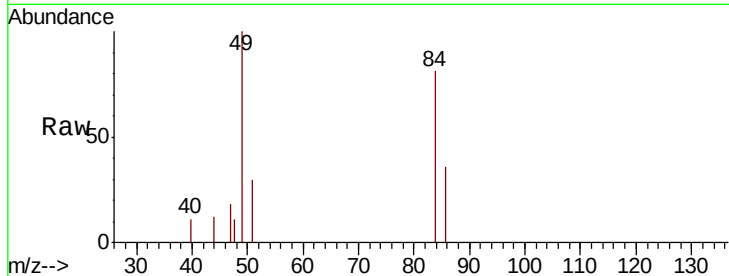




#20
Methylene Chloride
Concen: 1.613 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.04 min
Lab File: VD062372.D
Acq: 15 May 2019 4:28

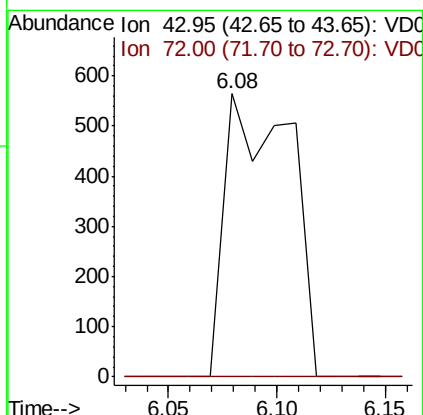
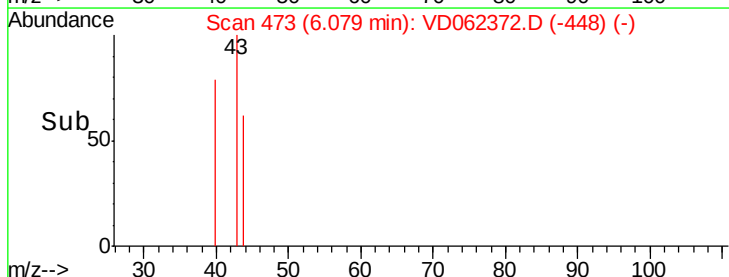
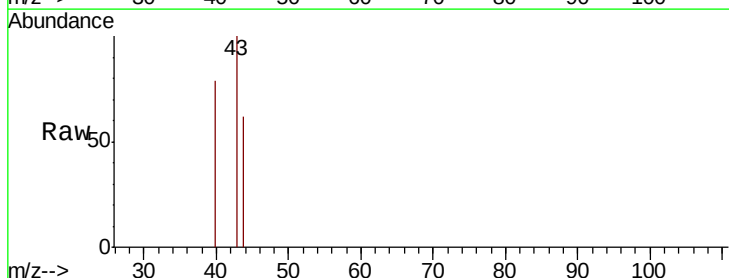
Instrument :
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P026-SS017-0612-01RE

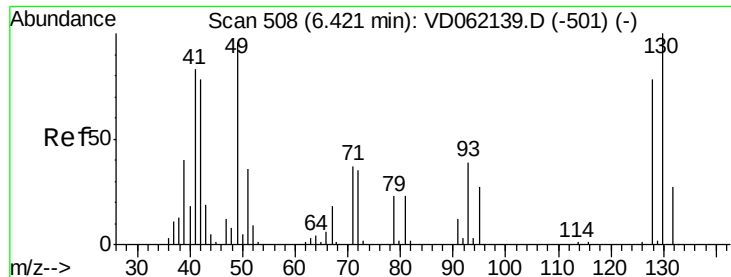
Tot Ion: 84 Resp: 5888
Ion Ratio Lower Upper
84 100
49 123.6 94.0 141.0
51 36.7 29.0 43.4
86 45.1 49.8 74.6#



#25
2-Butanone
Concen: 1.239 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.04 min
Lab File: VD062372.D
Acq: 15 May 2019 4:28

Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
72 0.0 16.2 24.4#

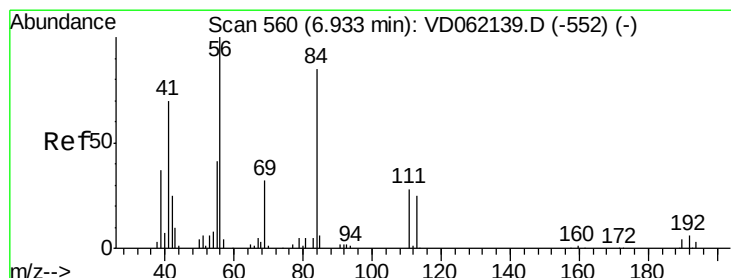
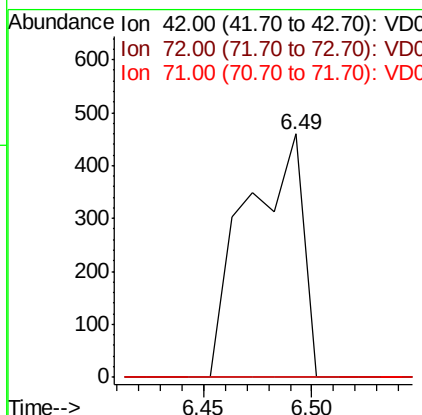
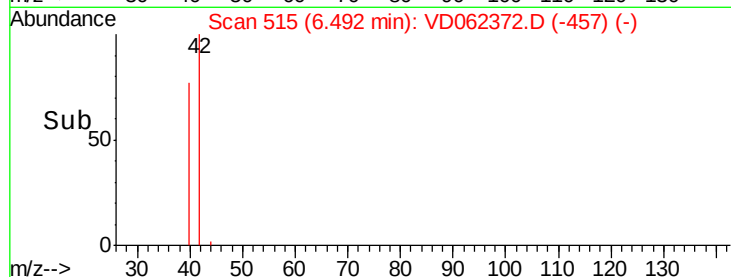
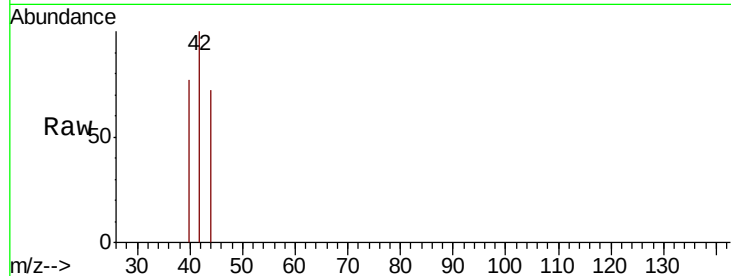




#29
Tetrahydrofuran
Concen: 1.912 ug/l
RT: 6.49 min Scan# 515
Delta R.T. 0.07 min
Lab File: VD062372.D
Acq: 15 May 2019 4:28

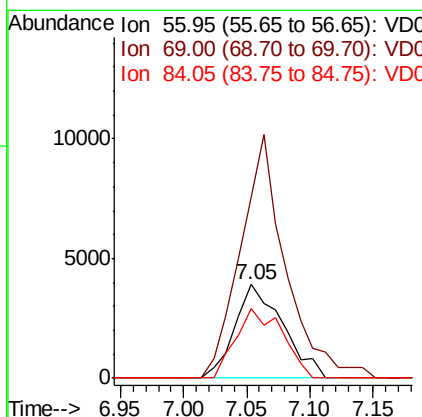
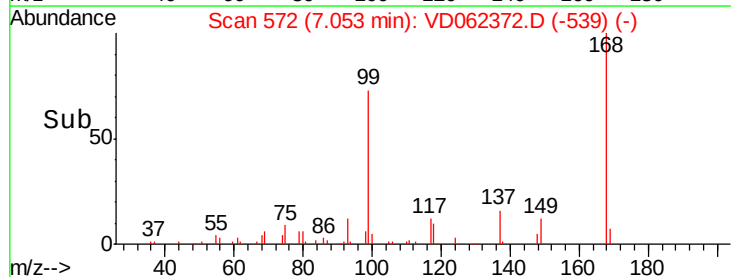
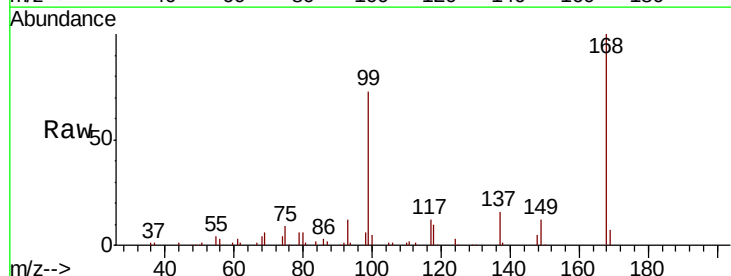
Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-0612-01RE

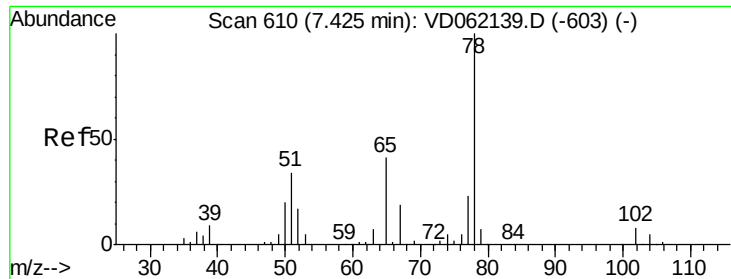
Tot Ion: 42 Resp: 840
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.6#
71 0.0 36.7 55.1#



#31
Cyclohexane
Concen: 2.352 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.12 min
Lab File: VD062372.D
Acq: 15 May 2019 4:28

Tgt Ion: 56 Resp: 10286
Ion Ratio Lower Upper
56 100
69 193.6 25.8 38.6#
84 74.1 72.2 108.4

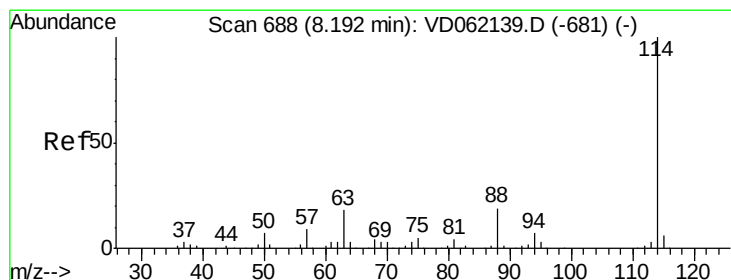
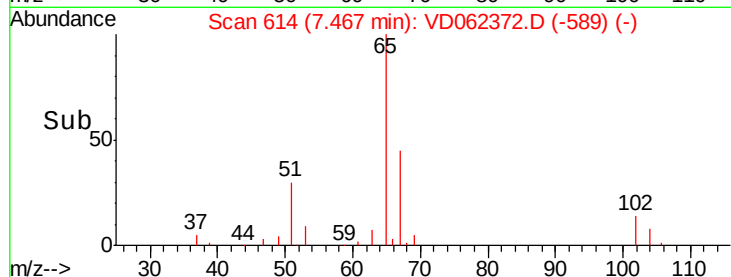
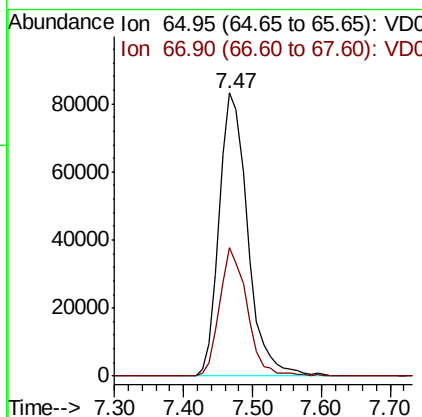
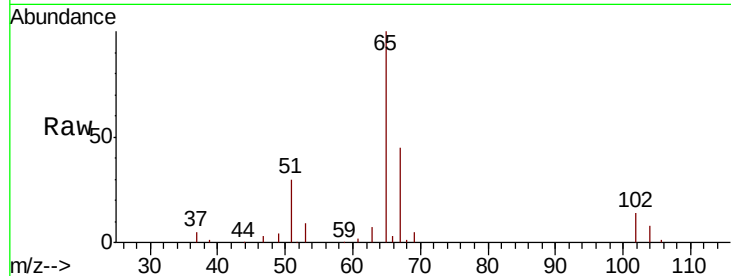




#33
 1,2-Dichloroethane-d4
 Concen: 57.373 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD062372.D
 Acq: 15 May 2019 4:28

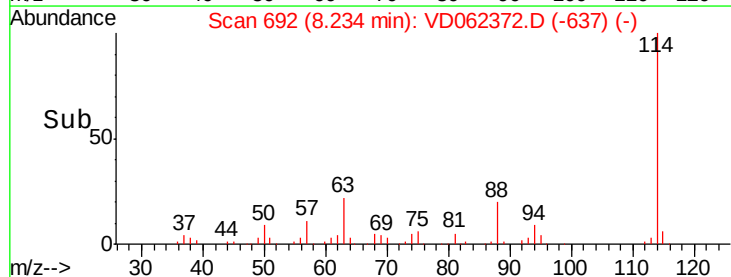
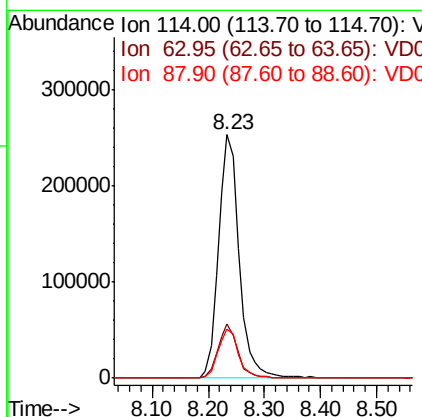
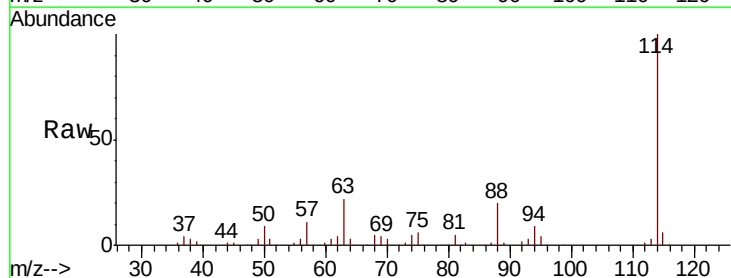
Instrument :
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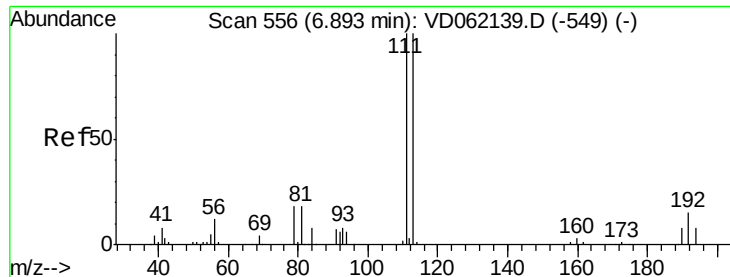
Tot Ion: 65 Resp: 239148
 Ion Ratio Lower Upper
 65 100
 67 45.4 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062372.D
 Acq: 15 May 2019 4:28

Tgt Ion: 114 Resp: 651878
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 32.4
 88 20.1 0.0 33.6

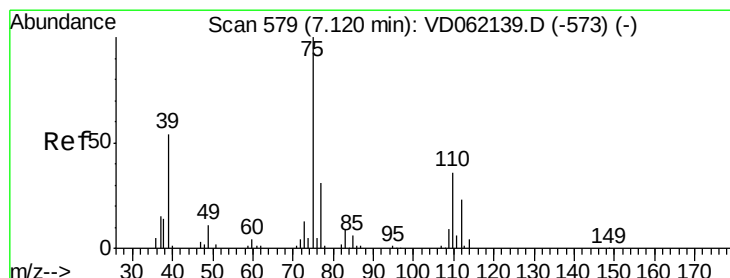
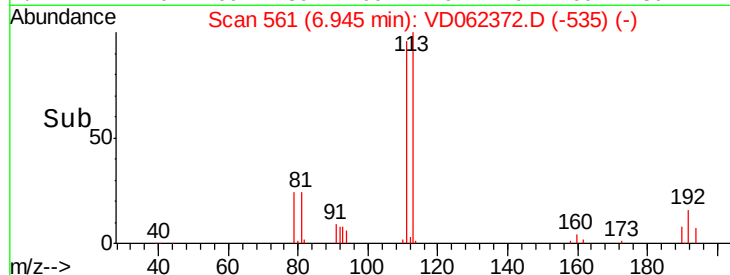
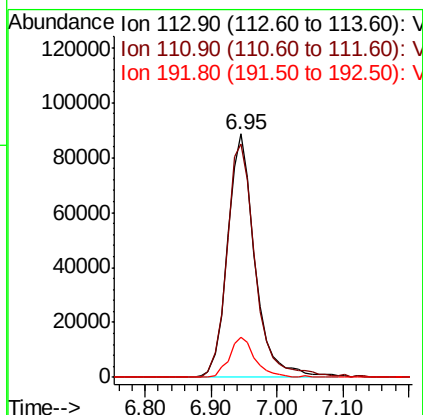
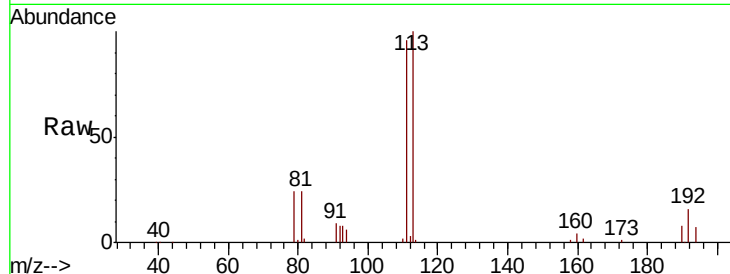




#35
 Dibromofluoromethane
 Concen: 47.612 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062372.D
 Acq: 15 May 2019 4:28

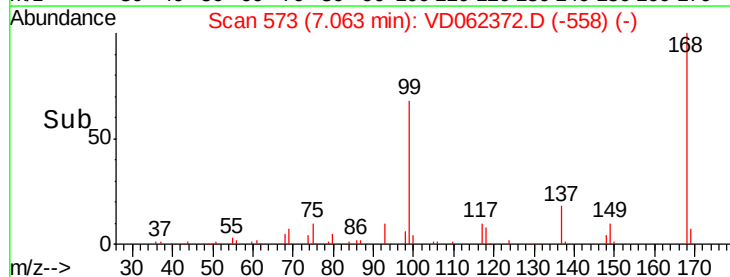
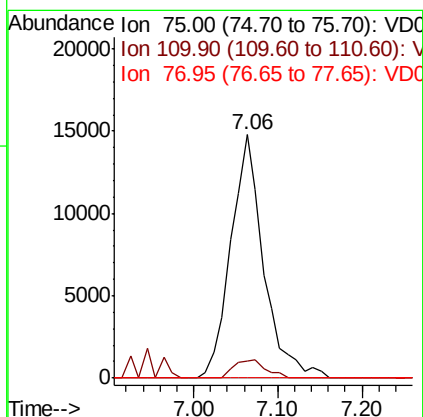
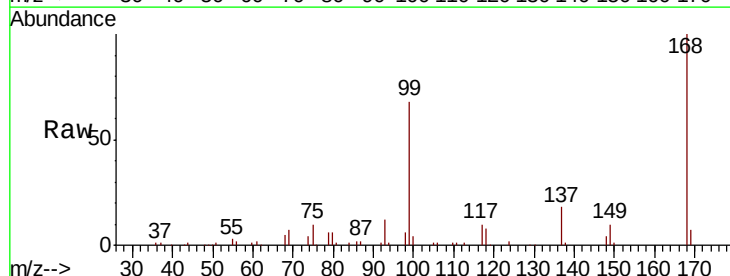
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 P026-SS017-0612-01RE

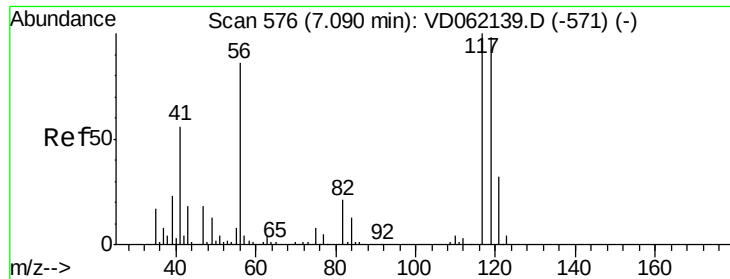
Tot Ion	Ratio	Lower	Upper
113	100		
111	96.1	78.5	117.7
192	16.2	13.0	19.4



#36
 1,1-Dichloropropene
 Concen: 7.487 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: VD062372.D
 Acq: 15 May 2019 4:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.9	19.1	57.1#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 6.575 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD062372.D

Acq: 15 May 2019 4:28

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0612-01RE

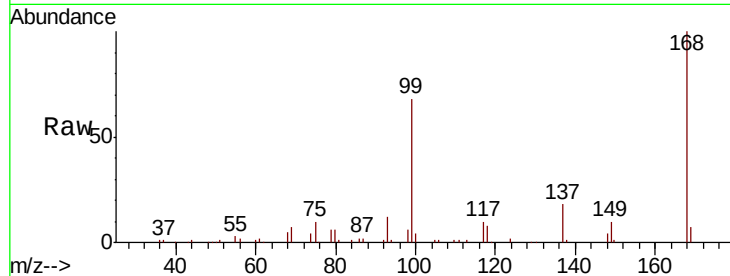
Tot Ion:117 Resp: 48639

Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

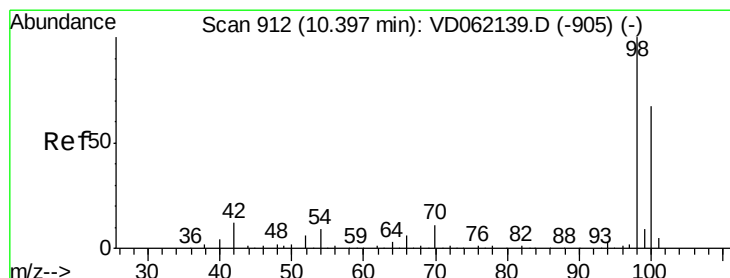
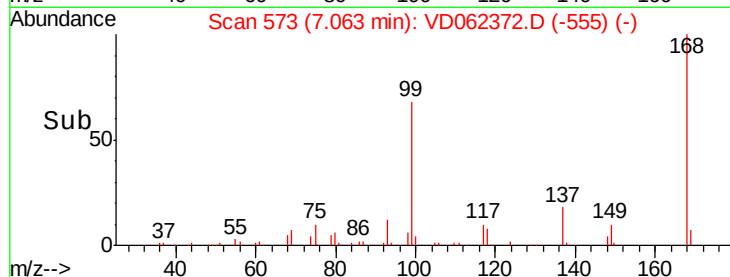
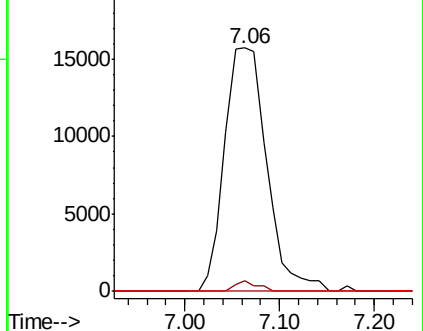
121 0.0 25.9 38.9#



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: 29.625 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062372.D

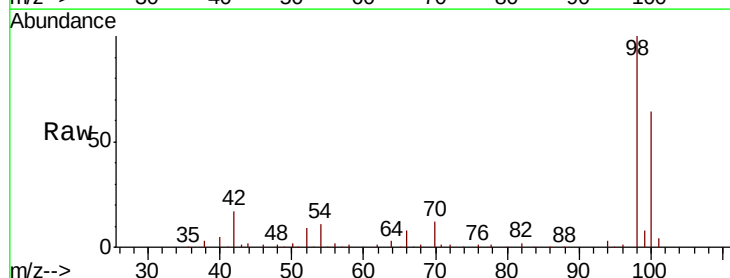
Acq: 15 May 2019 4:28

Tgt Ion: 98 Resp: 386329

Ion Ratio Lower Upper

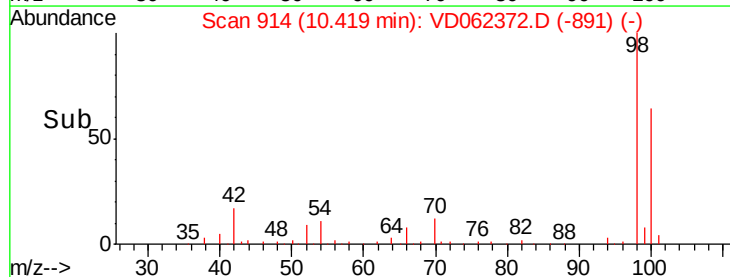
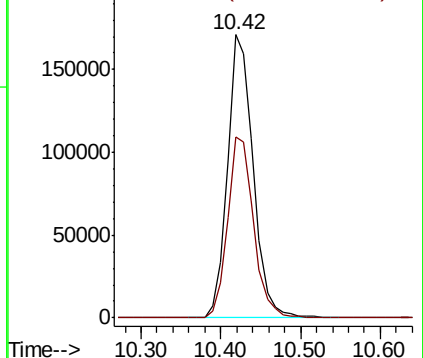
98 100

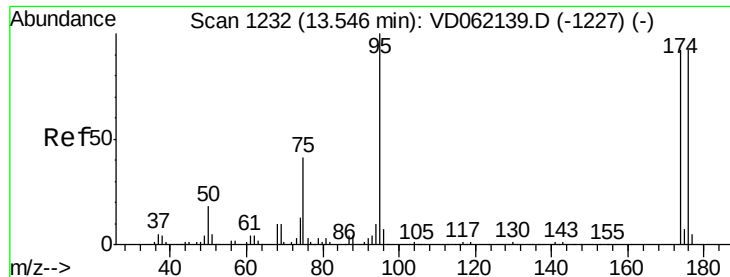
100 64.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

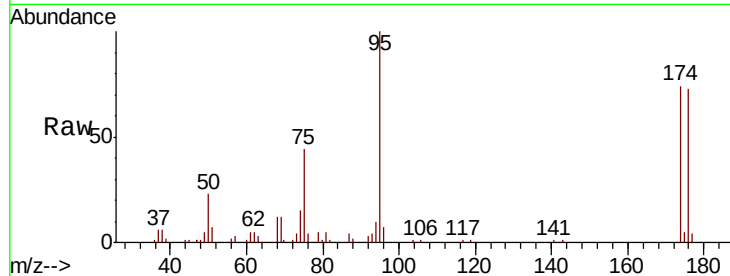




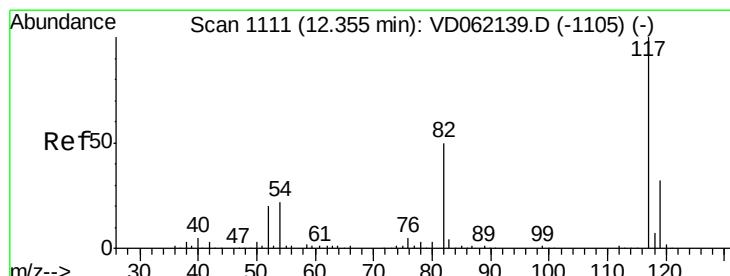
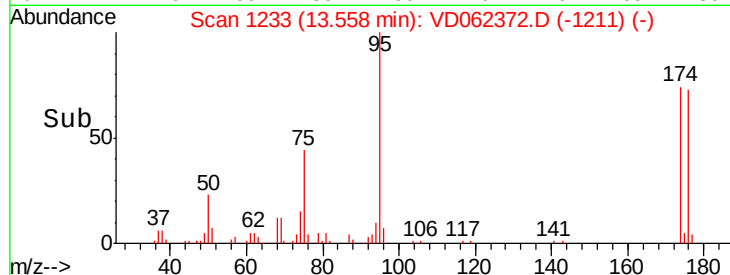
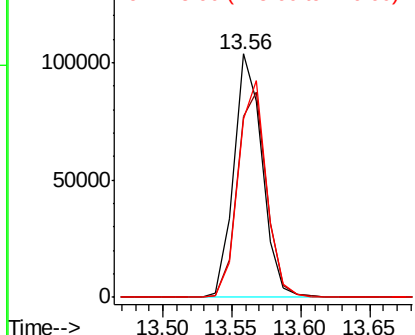
#62
4-Bromofluorobenzene
Concen: 28.432 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062372.D
Acq: 15 May 2019 4:28

Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-0612-01RE

Tot Ion: 95 Resp: 148891
Ion Ratio Lower Upper
95 100
174 74.4 0.0 181.8
176 73.1 0.0 174.4

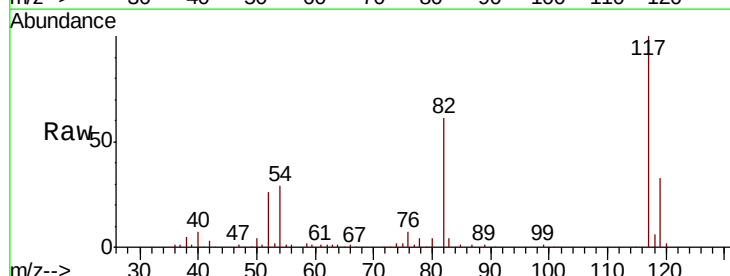


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

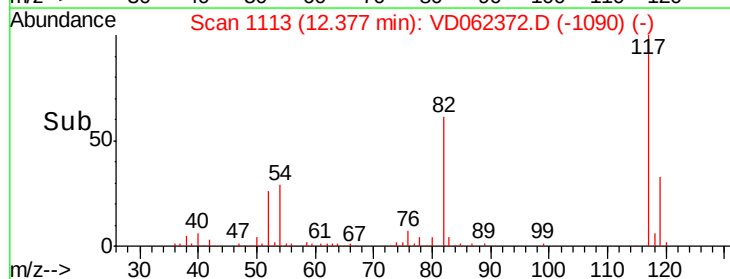
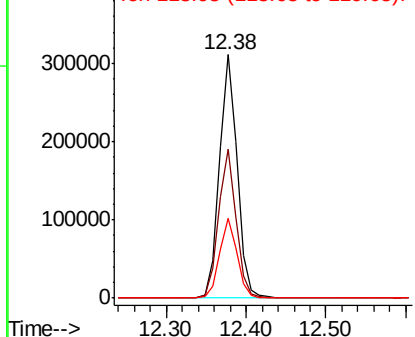


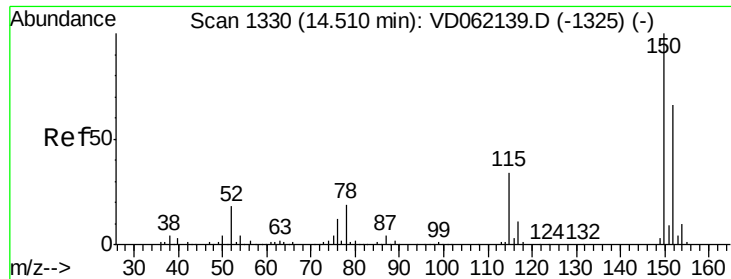
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062372.D
Acq: 15 May 2019 4:28

Tgt Ion: 117 Resp: 491247
Ion Ratio Lower Upper
117 100
82 61.1 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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062372.D

Acq: 15 May 2019 4:28

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0612-01RE

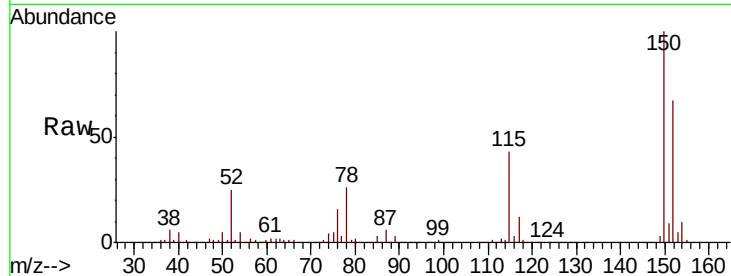
Tot Ion:152 Resp: 204101

Ion Ratio Lower Upper

152 100

115 64.1 30.9 92.7

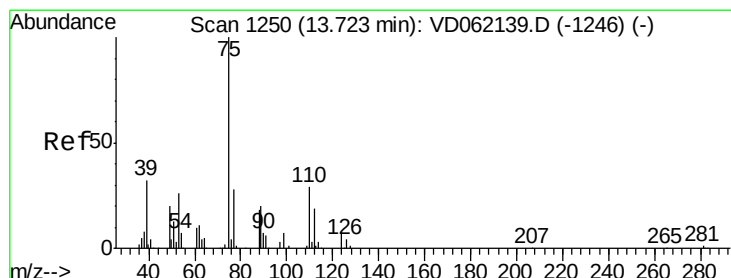
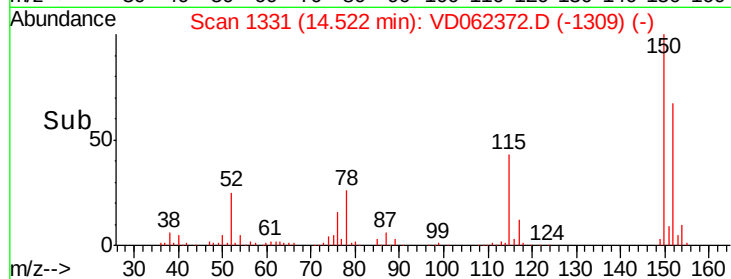
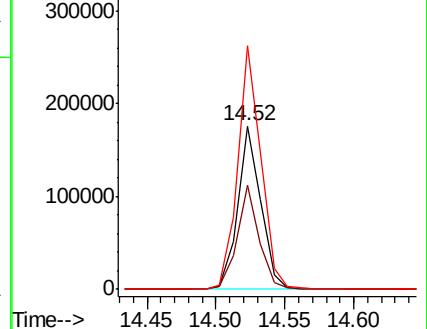
150 149.2 0.0 314.8



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: 26.606 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062372.D

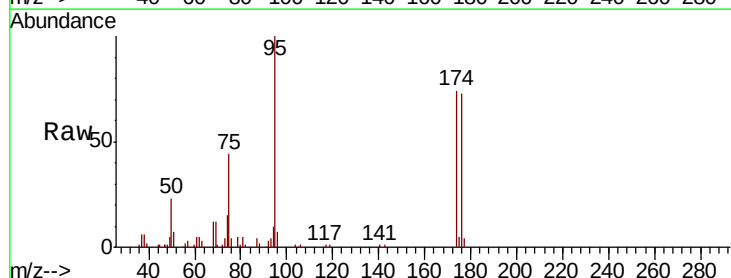
Acq: 15 May 2019 4:28

Tgt Ion: 75 Resp: 64535

Ion Ratio Lower Upper

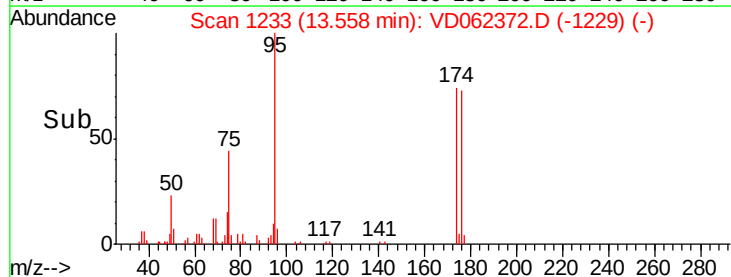
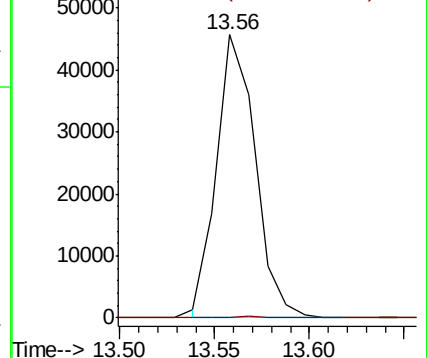
75 100

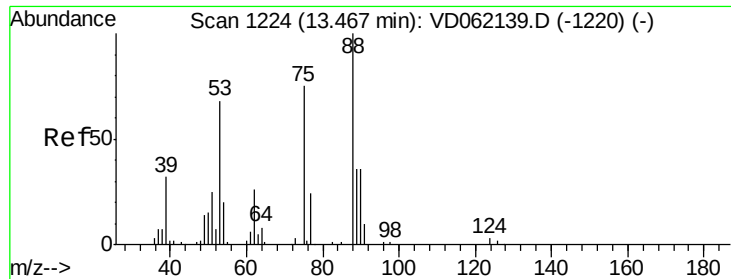
77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 95.404 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062372.D

Acq: 15 May 2019 4:28

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0612-01RE

Tot Ion: 75 Resp: 65328

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

