

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051019\
 Data File : VW010372.D
 Acq On : 10 May 2019 22:46
 Operator : SY/VA
 Sample : K2719-12
 Misc : 6.37G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS009-1824-01

Quant Time: May 11 00:22:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	413960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	182265	67.81	ug/l	0.00
Spiked Amount			Recovery	=	135.62%	
35) Dibromofluoromethane	7.88	113	142129	58.67	ug/l	0.00
Spiked Amount			Recovery	=	117.34%	
50) Toluene-d8	10.32	98	339284	34.40	ug/l	0.00
Spiked Amount			Recovery	=	68.80%	
62) 4-Bromofluorobenzene	12.62	95	94805	27.30	ug/l	0.00
Spiked Amount			Recovery	=	54.60%	

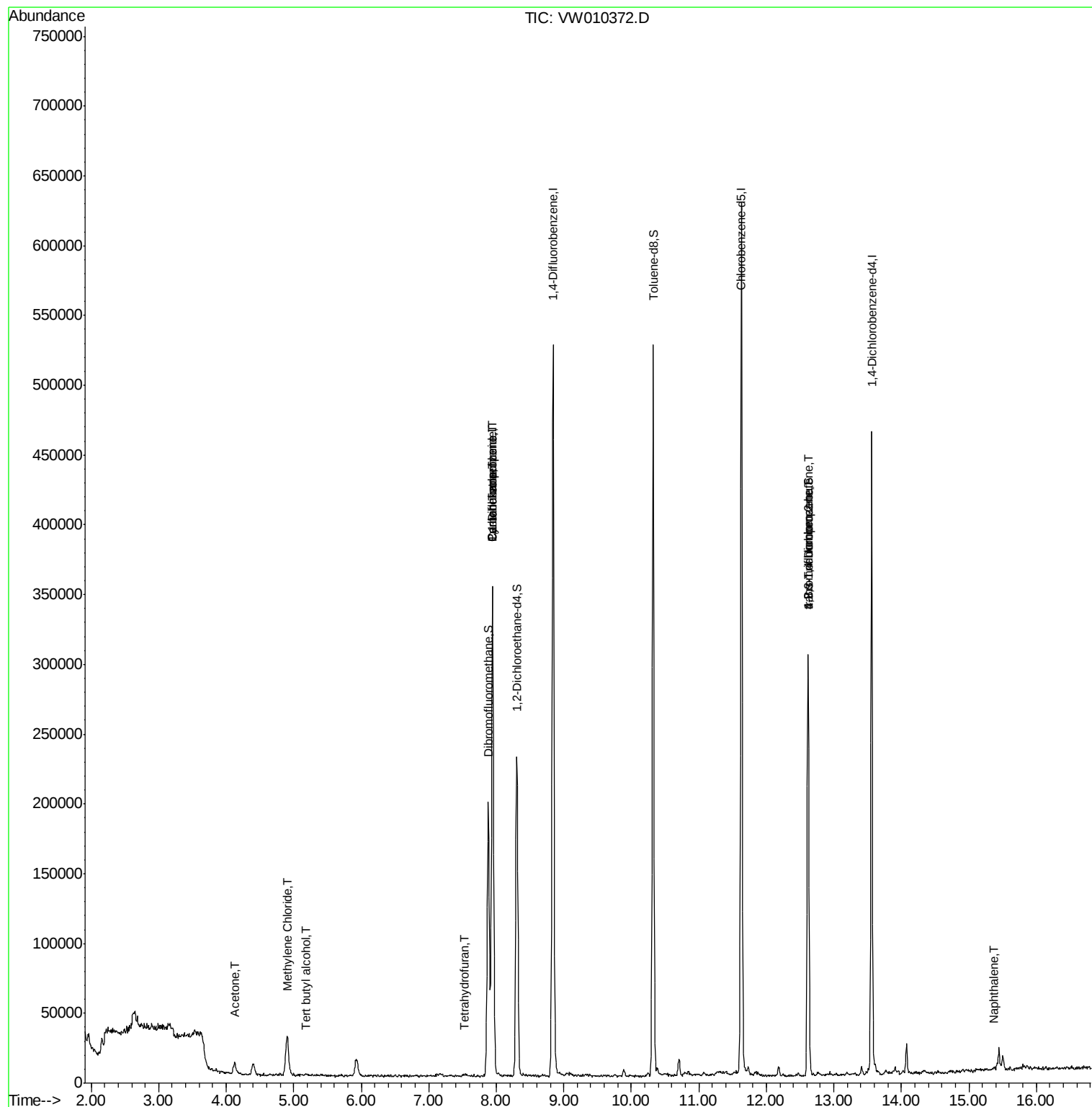
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	731	3.851	ug/l #	77
16) Acetone	4.12	43	15263	21.781	ug/l	99
20) Methylene Chloride	4.90	84	19576	6.698	ug/l #	94
29) Tetrahydrofuran	7.53	42	1535	2.214	ug/l #	74
31) Cyclohexane	7.95	56	6874	1.248	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	21924	4.885	ug/l #	50
38) Carbon Tetrachloride	7.94	117	25281	6.571	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	49883	37.265	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49883	84.157	ug/l #	6
95) Naphthalene	15.37	128	1587	3.877	ug/l #	69

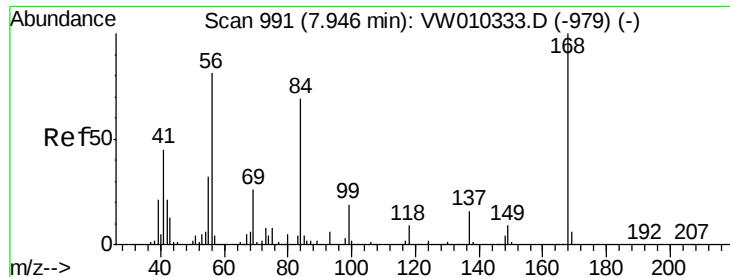
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW051019\
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QLast Update : Fri May 10 03:41:21 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010372.D

Acq: 10 May 2019 22:46

Instrument :

MSVOA_W

ClientSampleId :

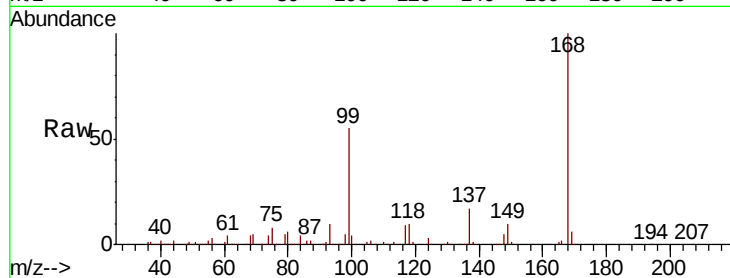
P026-SS009-1824-01

Tgt Ion: 168 Resp: 252842

Ion Ratio Lower Upper

168 100

99 55.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

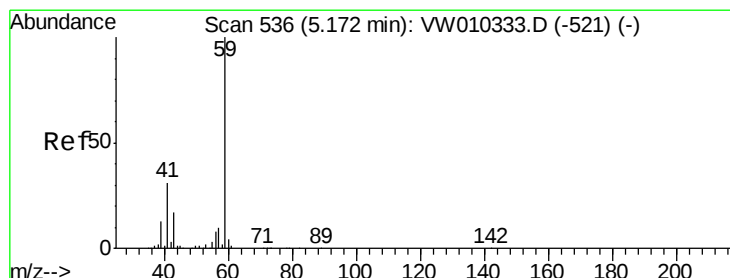
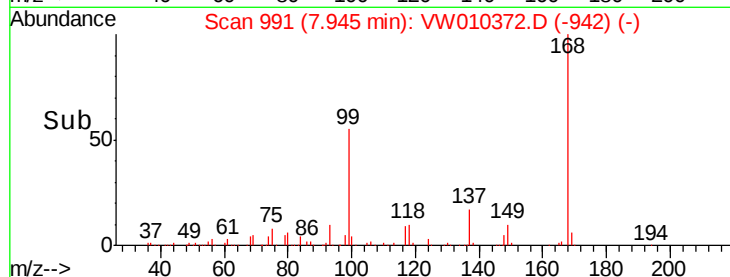
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 3.851 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW010372.D

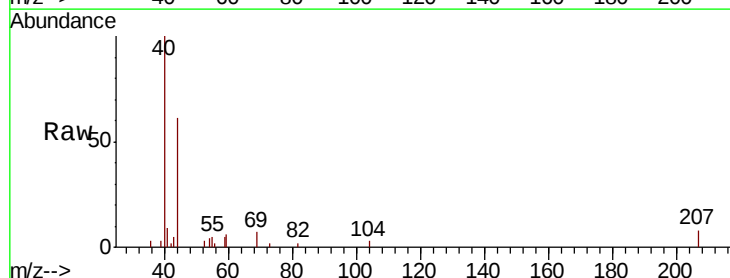
Acq: 10 May 2019 22:46

Tgt Ion: 59 Resp: 731

Ion Ratio Lower Upper

59 100

57 2.6 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

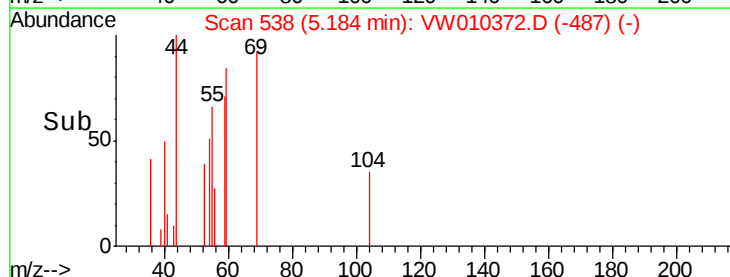
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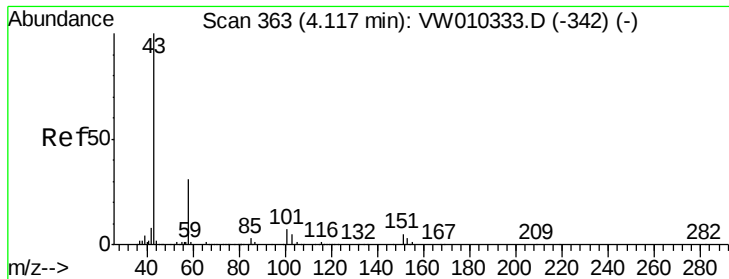
200

100

0

Time--> 5.10 5.15 5.20

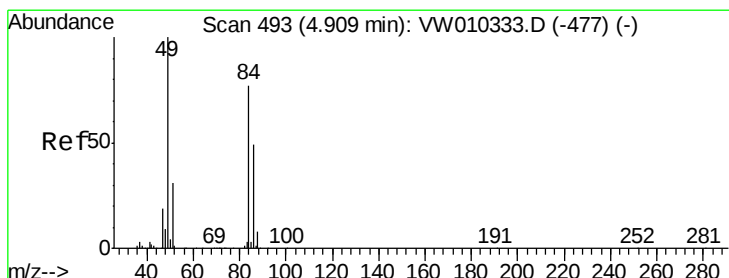
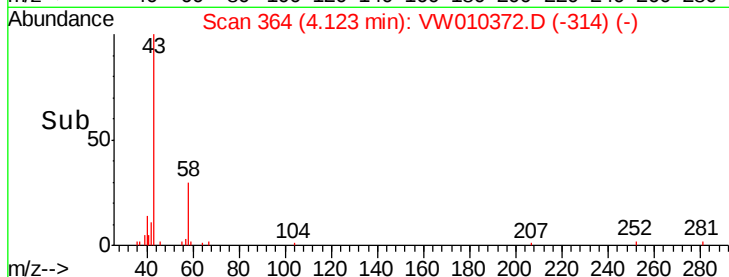
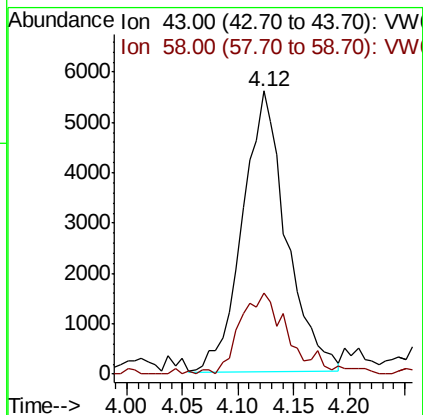
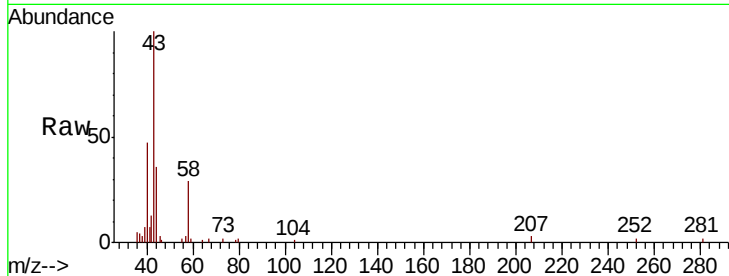




#16
Acetone
Concen: 21.781 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010372.D
Acq: 10 May 2019 22:46

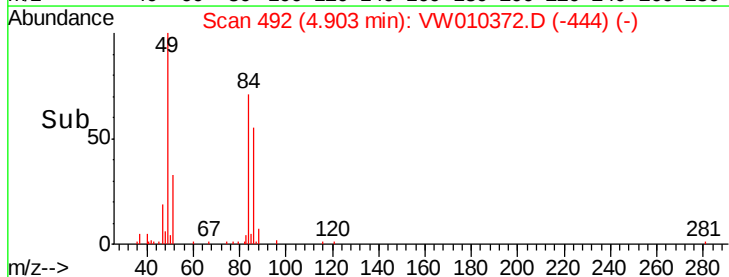
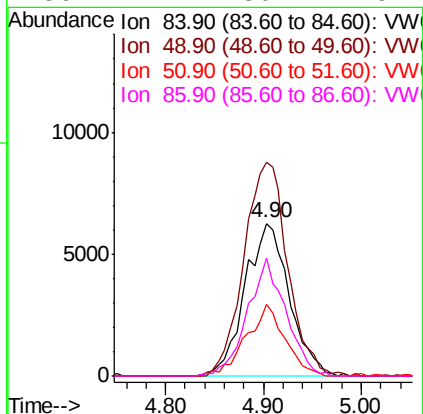
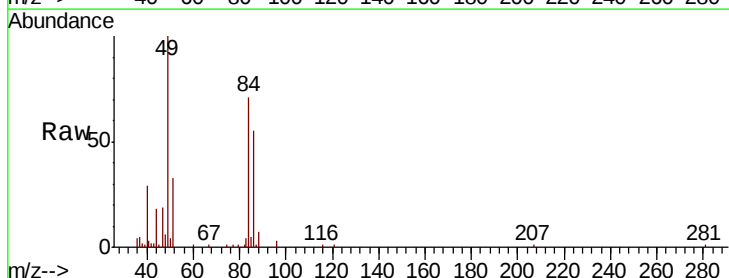
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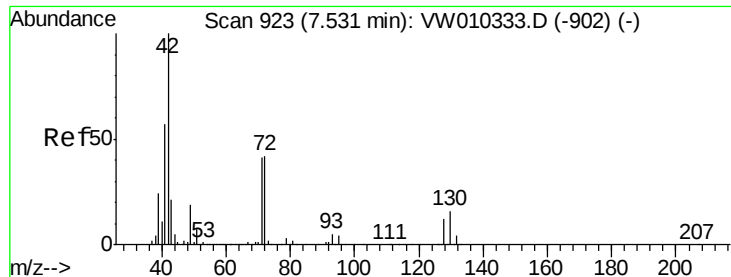
Tgt Ion: 43 Resp: 15263
Ion Ratio Lower Upper
43 100
58 27.9 22.7 34.1



#20
Methylene Chloride
Concen: 6.698 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010372.D
Acq: 10 May 2019 22:46

Tgt Ion: 84 Resp: 19576
Ion Ratio Lower Upper
84 100
49 140.1 112.3 168.5
51 46.6 33.9 50.9
86 77.4 50.2 75.4#

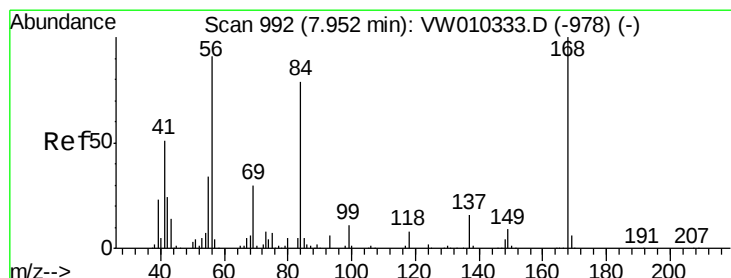
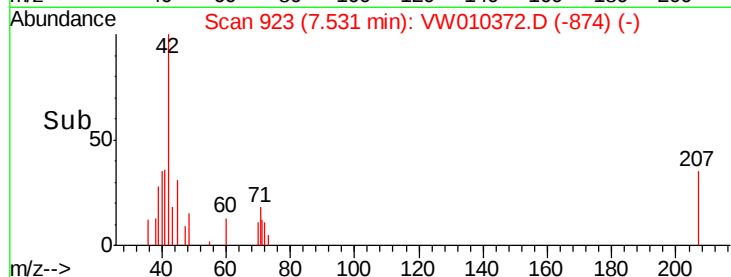
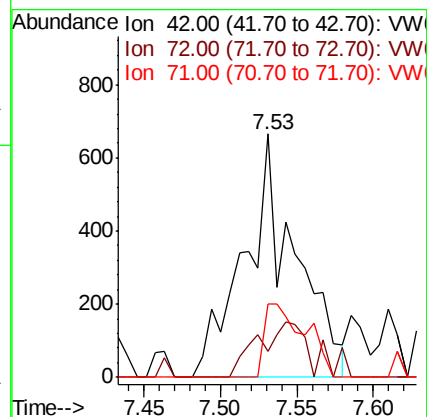
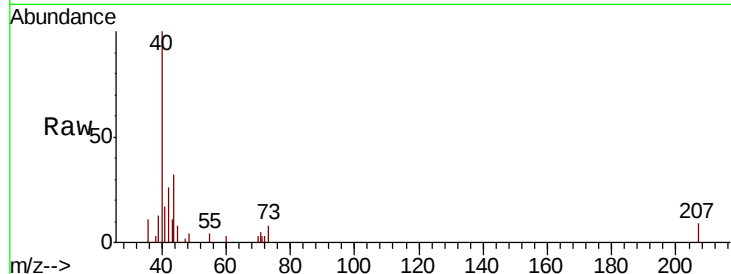




#29
Tetrahydrofuran
Concen: 2.214 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010372.D
Acq: 10 May 2019 22:46

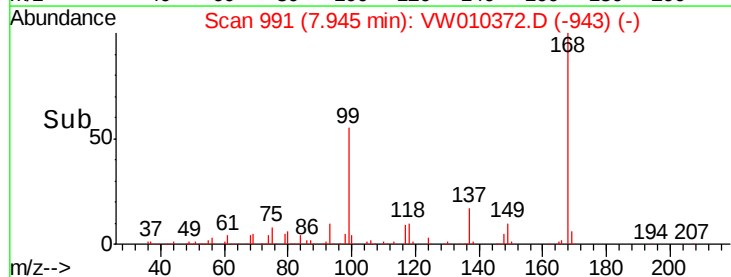
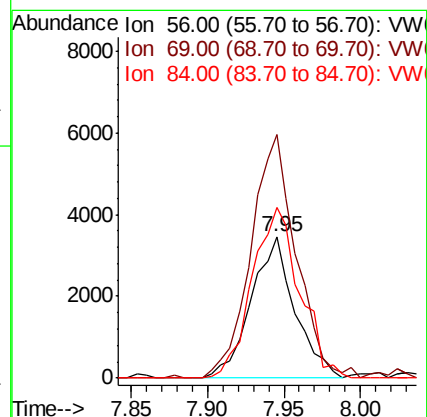
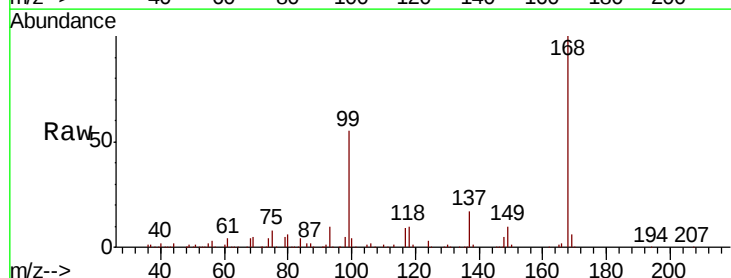
Instrument :
MSVOA_W
ClientSampleId :
P026-SS009-1824-01

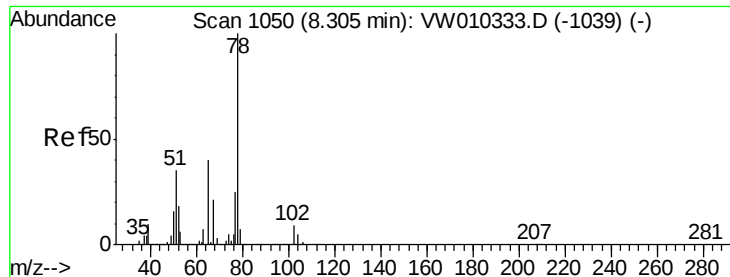
Tgt Ion: 42 Resp: 1535
Ion Ratio Lower Upper
42 100
72 20.4 31.0 46.6#
71 24.4 29.7 44.5#



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010372.D
Acq: 10 May 2019 22:46

Tgt Ion: 56 Resp: 6874
Ion Ratio Lower Upper
56 100
69 172.1 26.6 40.0#
84 120.6 66.2 99.2#





#33

1,2-Dichloroethane-d4

Concen: 67.806 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010372.D

Acq: 10 May 2019 22:46

Instrument :

MSVOA_W

ClientSampleId :

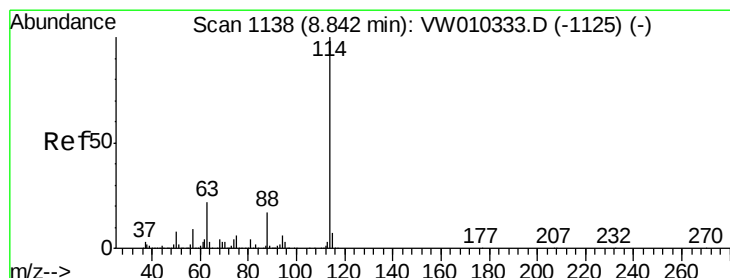
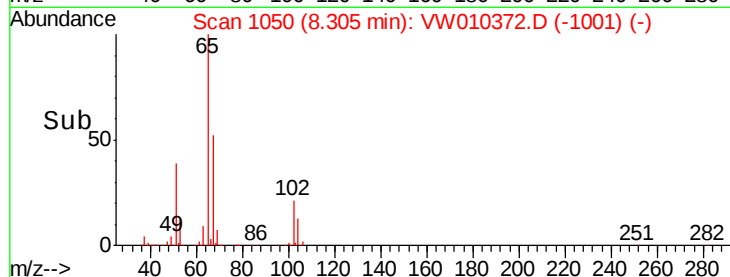
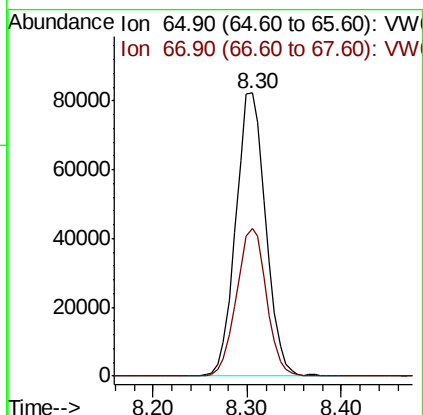
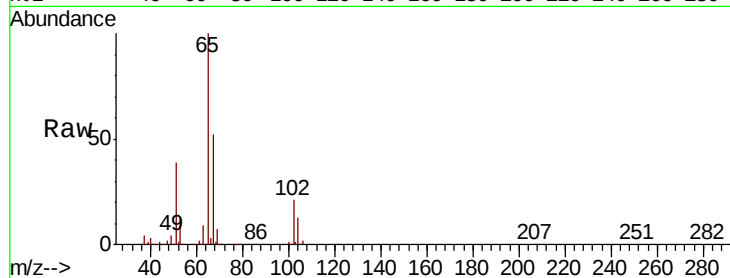
P026-SS009-1824-01

Tgt Ion: 65 Resp: 182265

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010372.D

Acq: 10 May 2019 22:46

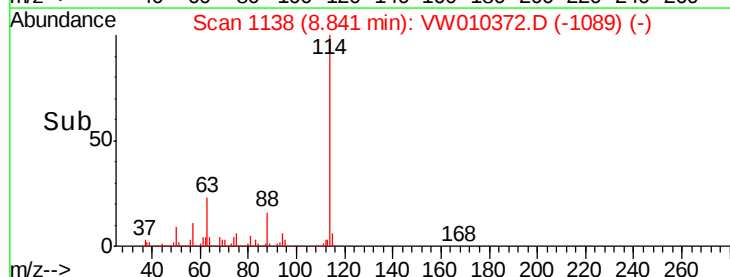
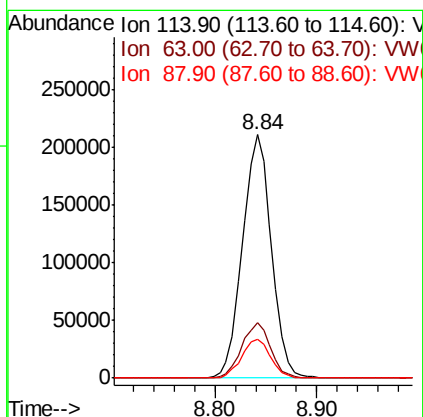
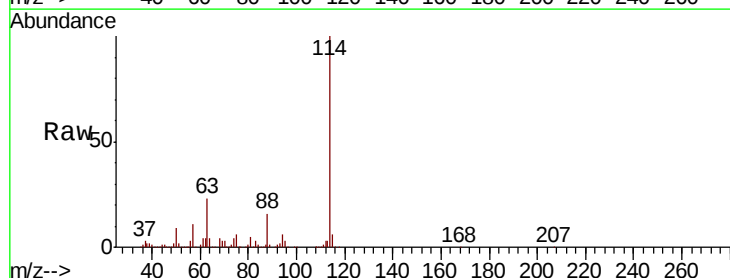
Tgt Ion: 114 Resp: 413960

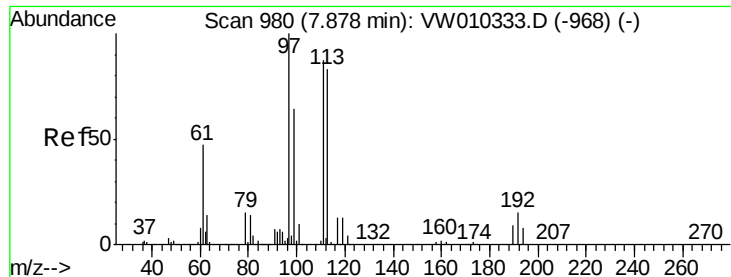
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.2

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.672 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010372.D

Acq: 10 May 2019 22:46

Instrument :

MSVOA_W

ClientSampleId :

P026-SS009-1824-01

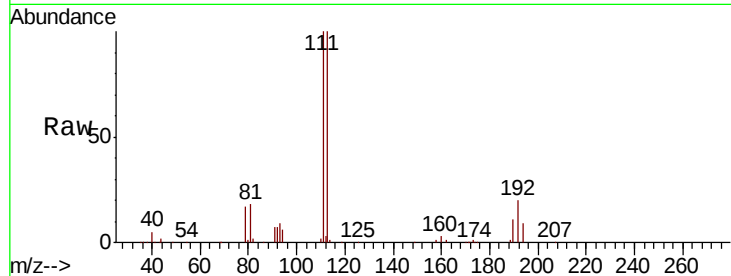
Tgt Ion: 113 Resp: 142129

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

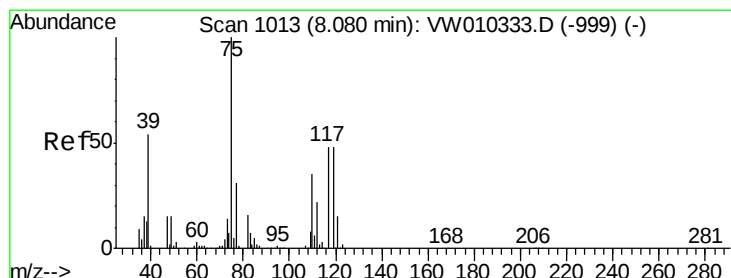
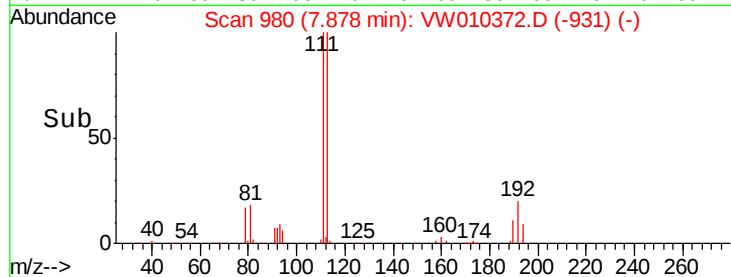
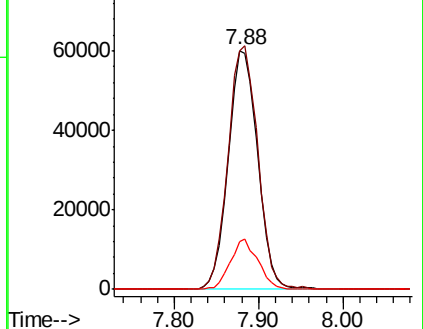
192 19.8 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.885 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW010372.D

Acq: 10 May 2019 22:46

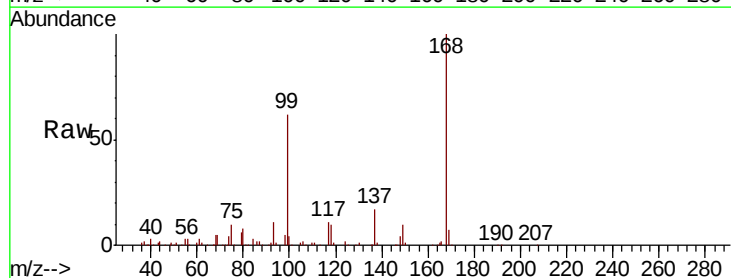
Tgt Ion: 75 Resp: 21924

Ion Ratio Lower Upper

75 100

110 8.5 16.6 49.8#

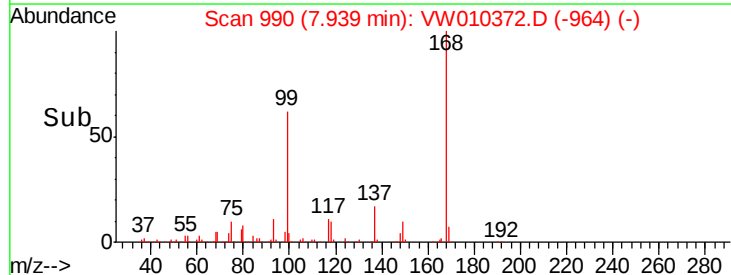
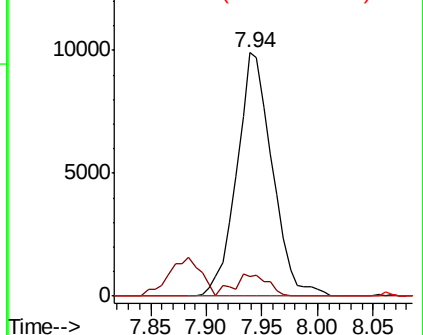
77 0.0 24.8 37.2#

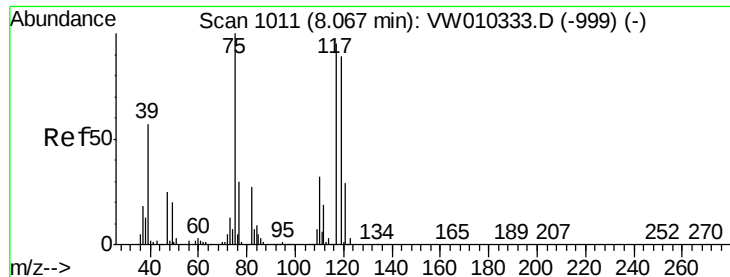


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

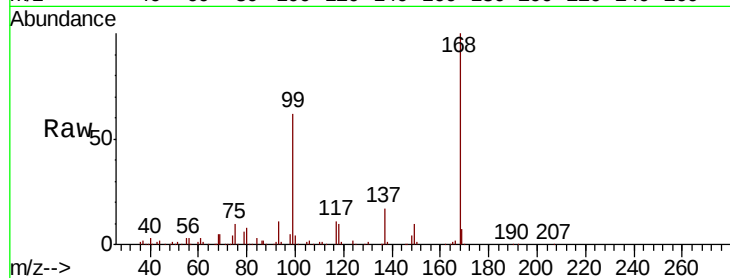




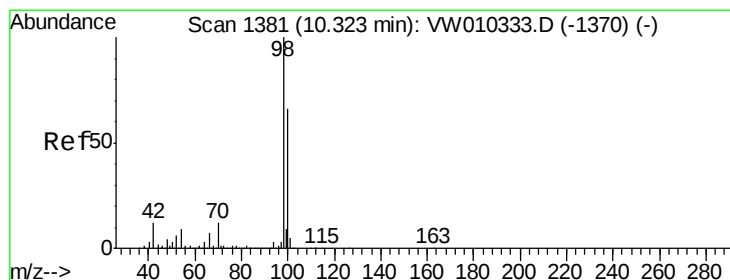
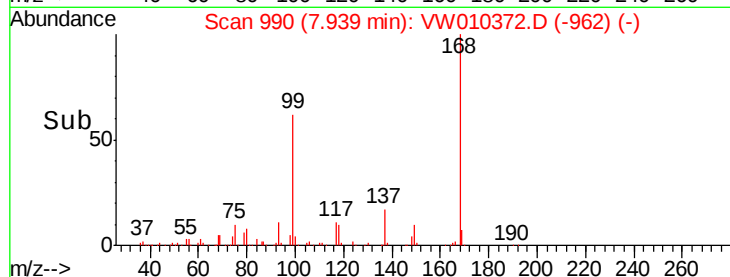
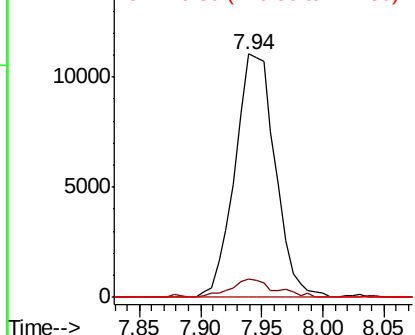
#38
Carbon Tetrachloride
Concen: 6.571 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW010372.D
Acq: 10 May 2019 22:46

Instrument :
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Tgt Ion:117 Resp: 25281
Ion Ratio Lower Upper
117 100
119 7.6 75.3 112.9#
121 0.0 24.4 36.6#

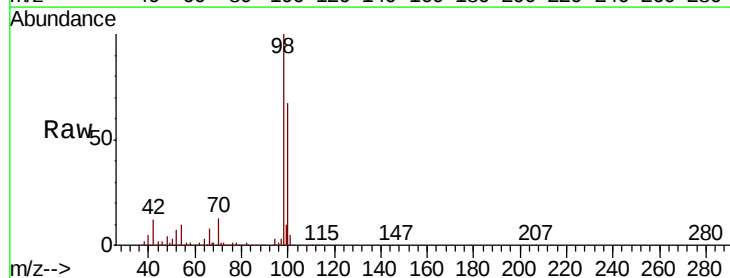


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

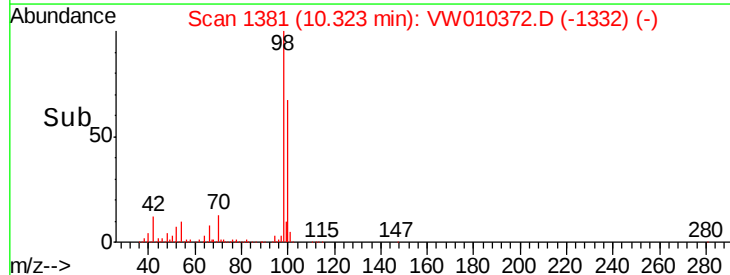
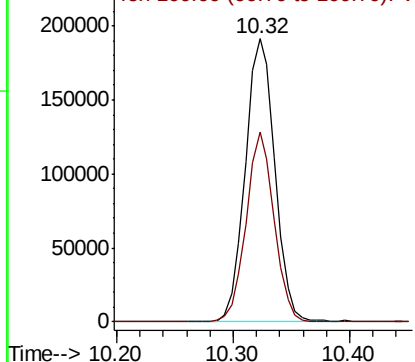


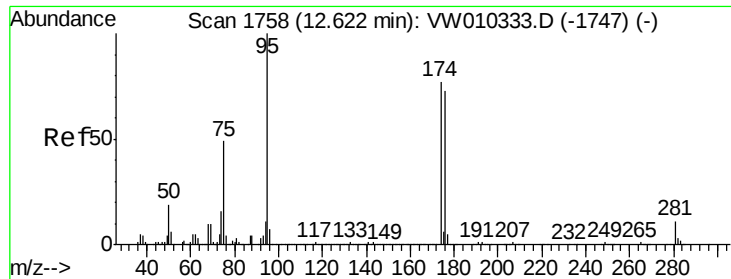
#50
Toluene-d8
Concen: 34.395 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010372.D
Acq: 10 May 2019 22:46

Tgt Ion: 98 Resp: 339284
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

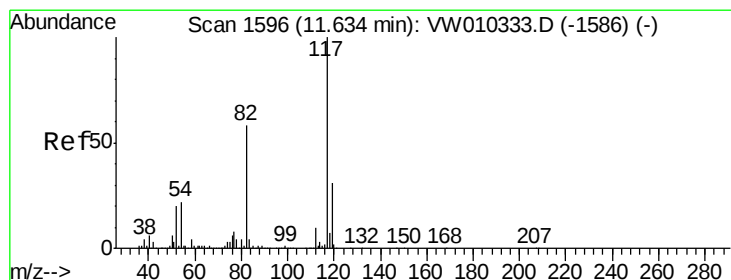
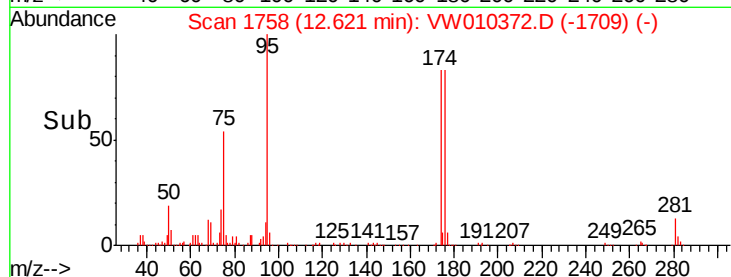
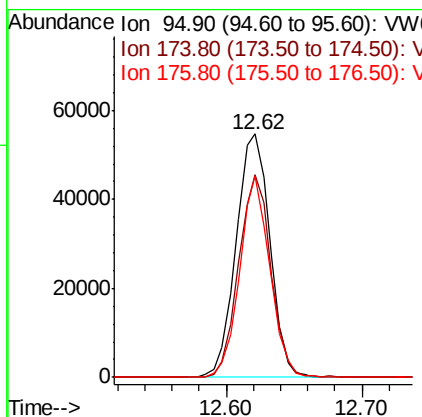
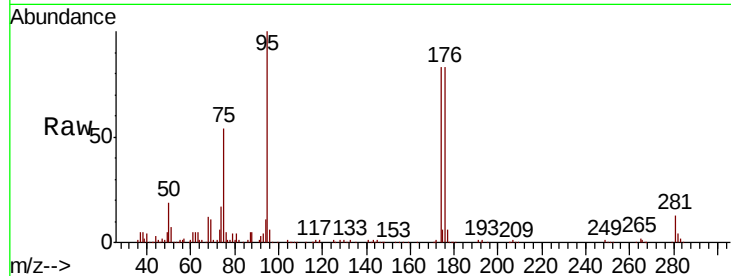




#62
4-Bromofluorobenzene
Concen: 27.303 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010372.D
Acq: 10 May 2019 22:46

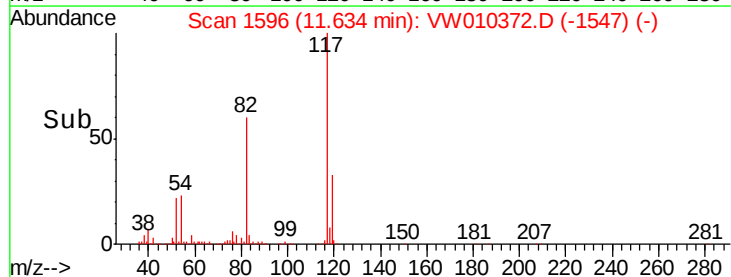
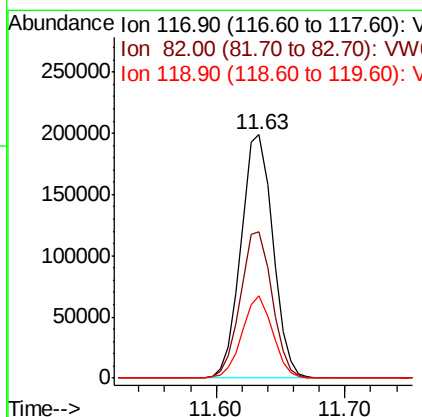
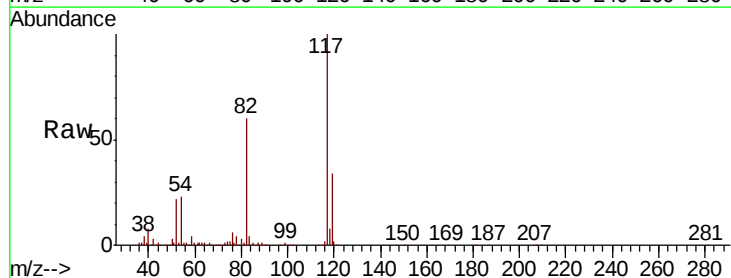
Instrument :
MSVOA_W
ClientSampleId :
P026-SS009-1824-01

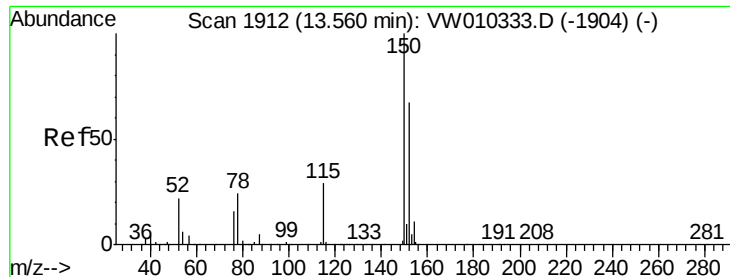
Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	151.4
176	73.6	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010372.D
Acq: 10 May 2019 22:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.0	45.2	67.8
119	33.5	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010372.D

Acq: 10 May 2019 22:46

Instrument :

MSVOA_W

ClientSampleId :

P026-SS009-1824-01

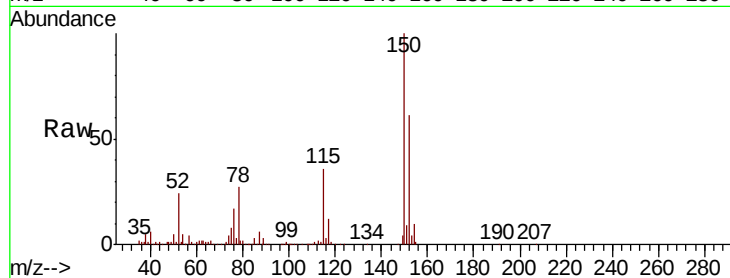
Tgt Ion:152 Resp: 114810

Ion Ratio Lower Upper

152 100

115 60.5 30.4 91.2

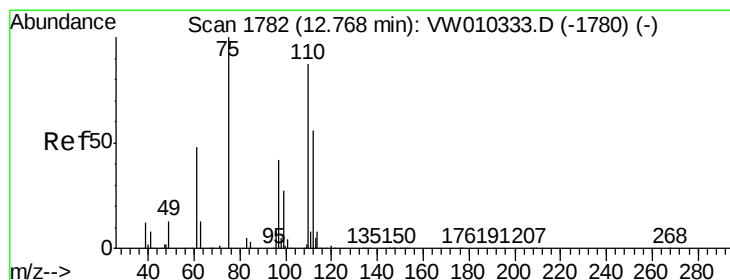
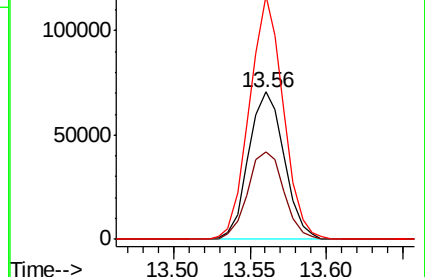
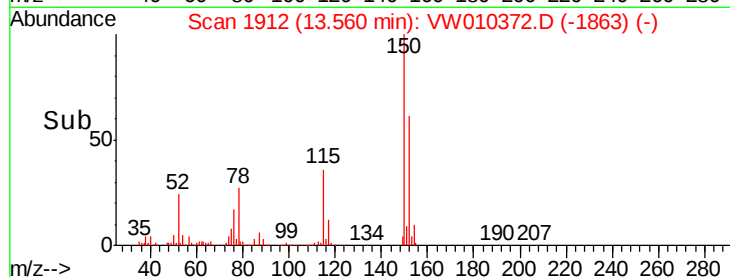
150 156.6 0.0 347.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 37.265 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010372.D

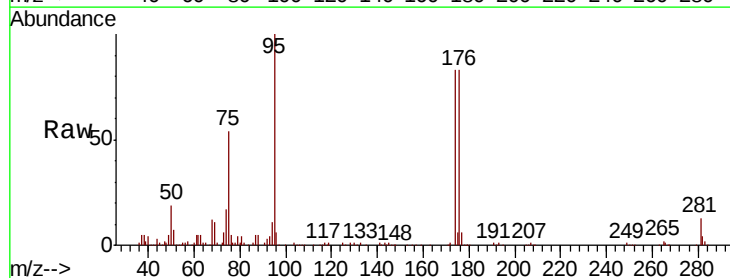
Acq: 10 May 2019 22:46

Tgt Ion: 75 Resp: 49883

Ion Ratio Lower Upper

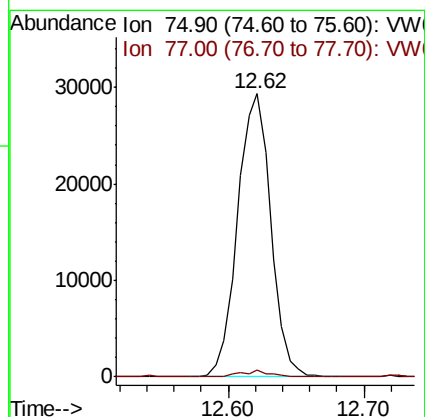
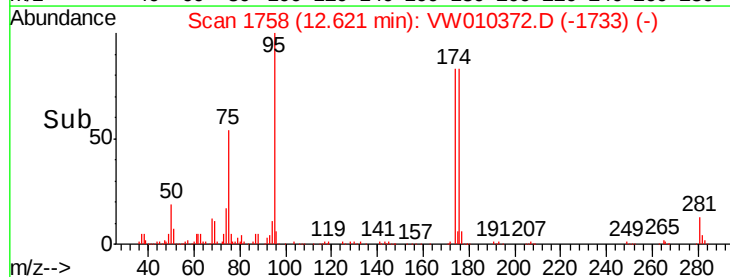
75 100

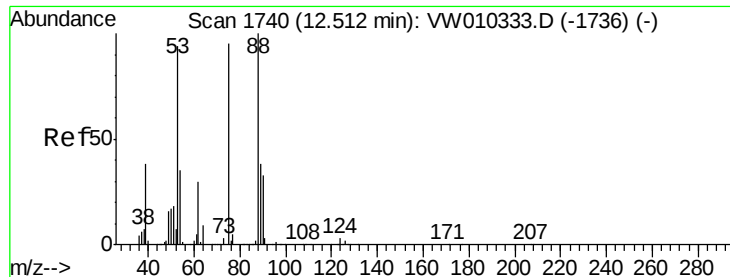
77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 84.157 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010372.D

Acq: 10 May 2019 22:46

Instrument :

MSVOA_W

ClientSampleId :

P026-SS009-1824-01

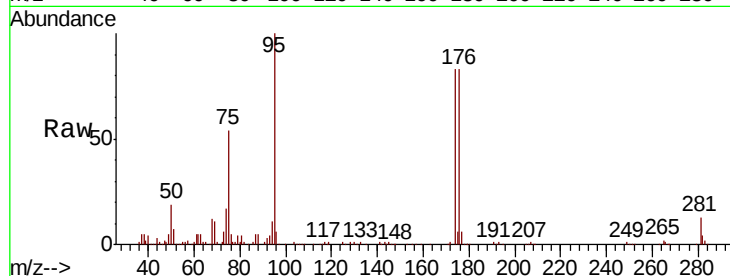
Tgt Ion: 75 Resp: 49883

Ion Ratio Lower Upper

75 100

53 1.0 89.8 134.8#

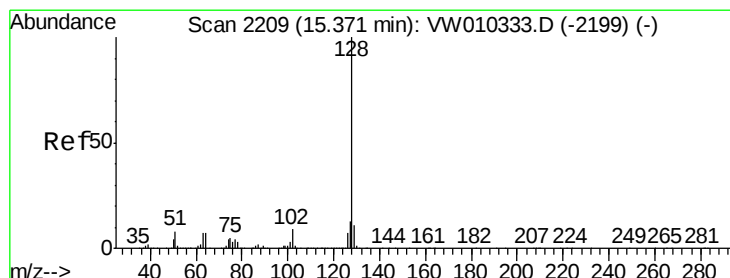
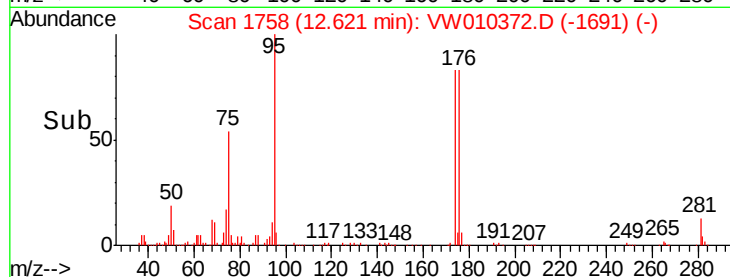
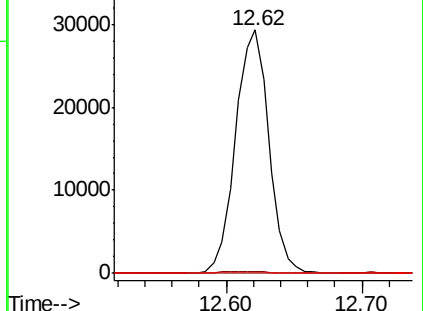
89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#95

Naphthalene

Concen: 3.877 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010372.D

Acq: 10 May 2019 22:46

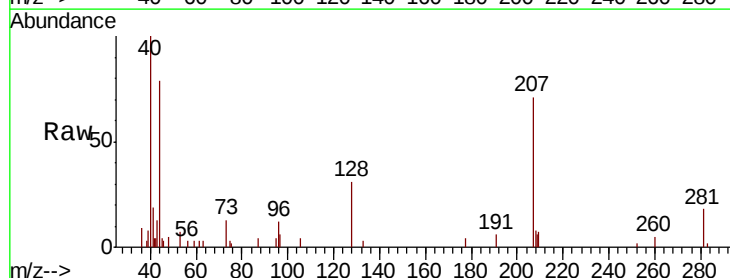
Tgt Ion: 128 Resp: 1587

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

