

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051019\
 Data File : VW010373.D
 Acq On : 10 May 2019 23:15
 Operator : SY/VA
 Sample : K2718-15
 Misc : 6.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-1824-01

Quant Time: May 11 00:22:29 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	785399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1465151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1134517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	357031	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	567881	68.01	ug/l	0.00
Spiked Amount			Recovery	=	136.02%	
35) Dibromofluoromethane	7.88	113	473451	55.22	ug/l	0.00
Spiked Amount			Recovery	=	110.44%	
50) Toluene-d8	10.32	98	1273515	36.48	ug/l	0.00
Spiked Amount			Recovery	=	72.96%	
62) 4-Bromofluorobenzene	12.62	95	351739	28.62	ug/l	0.00
Spiked Amount			Recovery	=	57.24%	

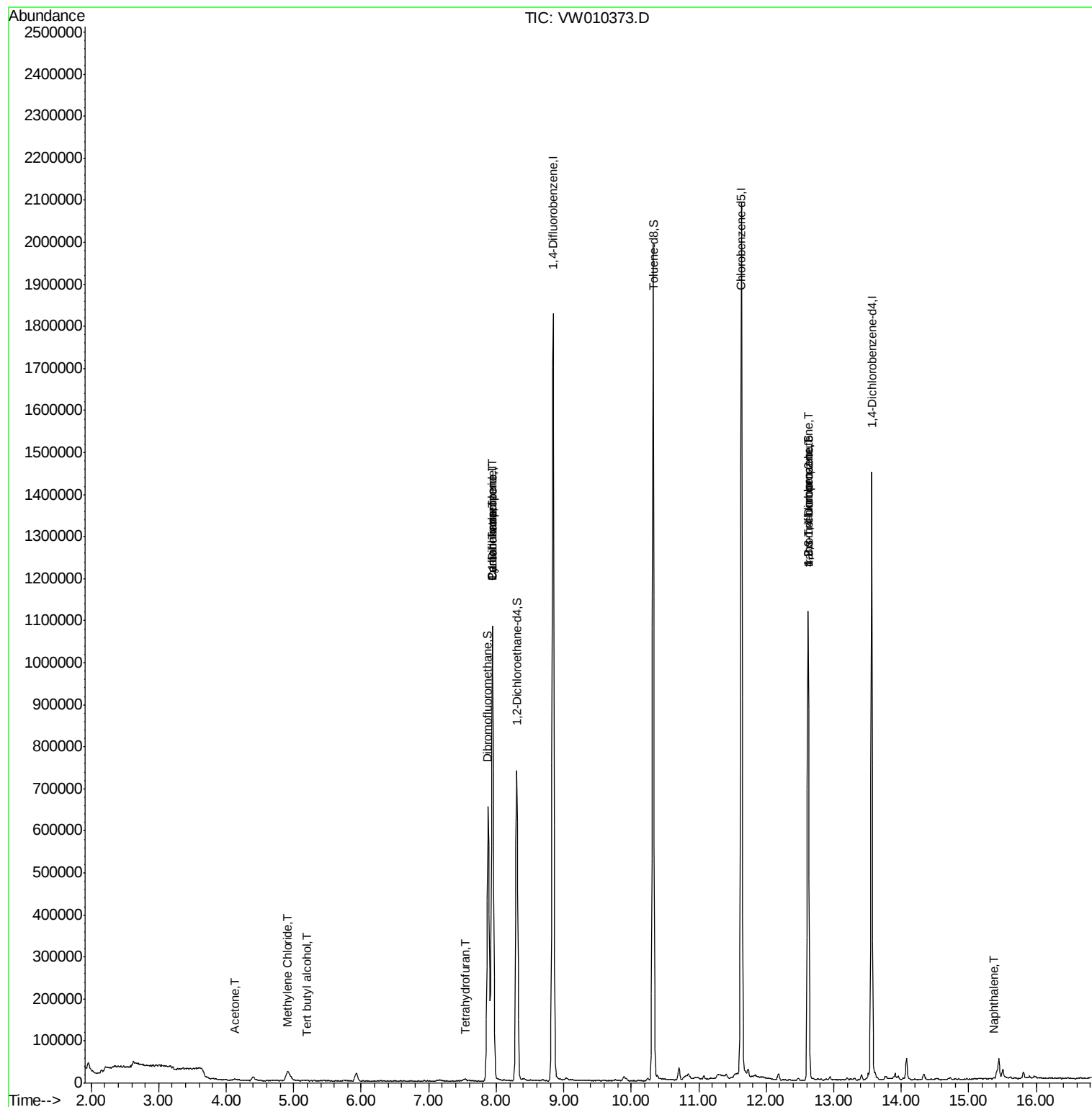
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	612	1.038	ug/l #	49
16) Acetone	4.13	43	6549	3.009	ug/l	94
20) Methylene Chloride	4.91	84	13365	1.472	ug/l #	89
29) Tetrahydrofuran	7.54	42	5076	2.357	ug/l #	79
31) Cyclohexane	7.94	56	18819	1.100	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	67711	4.262	ug/l #	49
38) Carbon Tetrachloride	7.94	117	80444	5.907	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	179903	43.218	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	179903	97.600	ug/l #	6
95) Naphthalene	15.36	128	1753	3.695	ug/l #	87

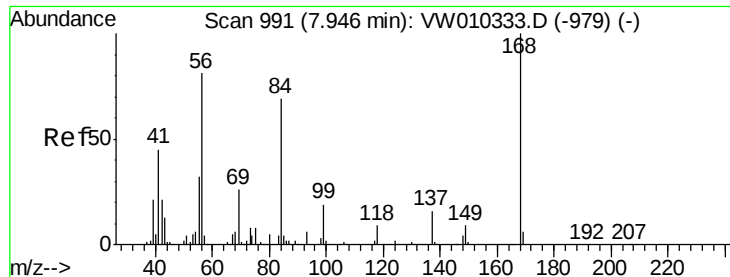
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW051019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010373.D

Acq: 10 May 2019 23:15

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MSVOA_W

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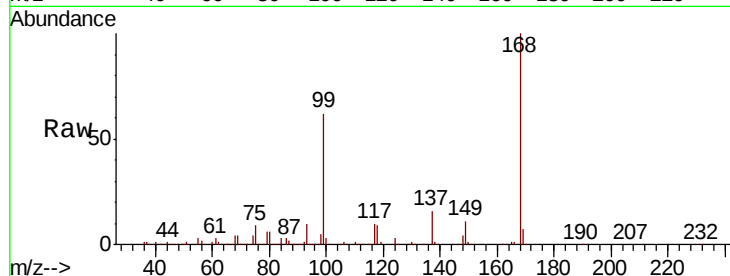
P026-SS006-1824-01

Tgt Ion:168 Resp: 785399

Ion Ratio Lower Upper

168 100

99 62.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

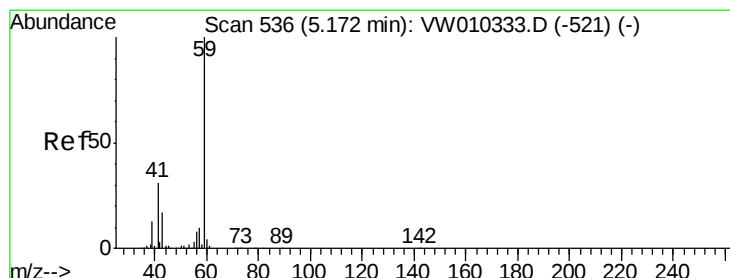
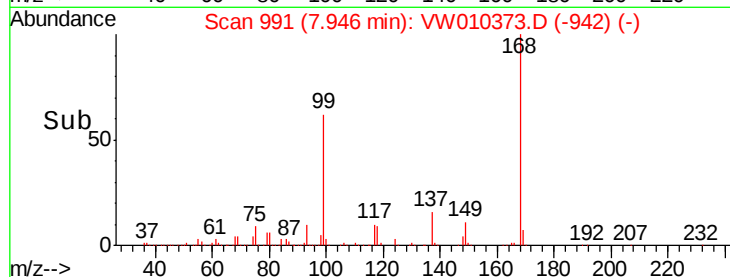
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 1.038 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW010373.D

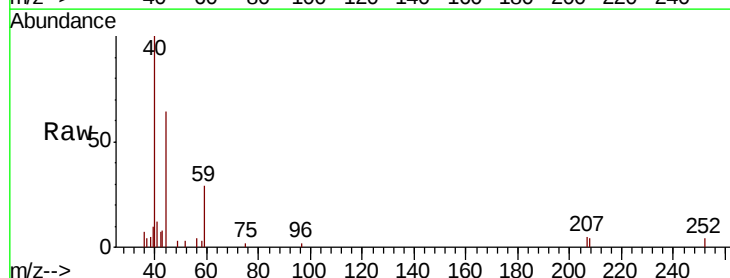
Acq: 10 May 2019 23:15

Tgt Ion: 59 Resp: 612

Ion Ratio Lower Upper

59 100

57 30.7 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

800

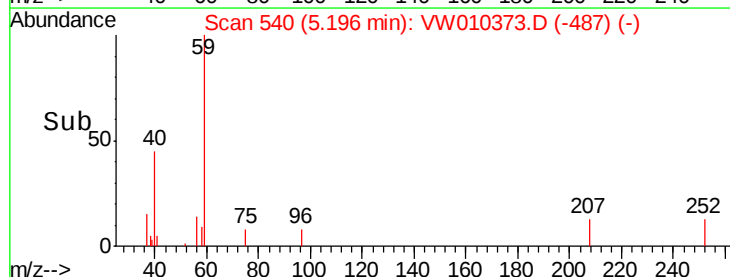
600

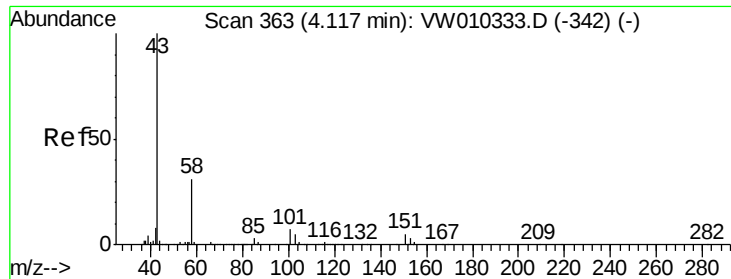
400

200

0

Time--> 5.18 5.20 5.22

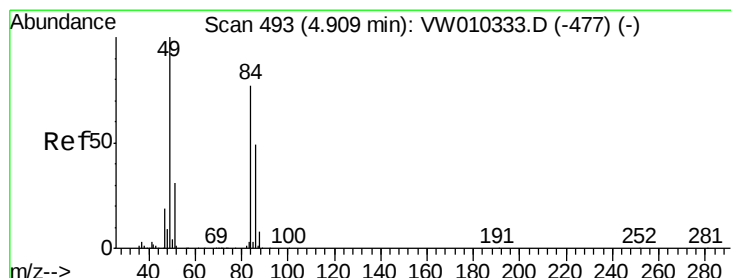
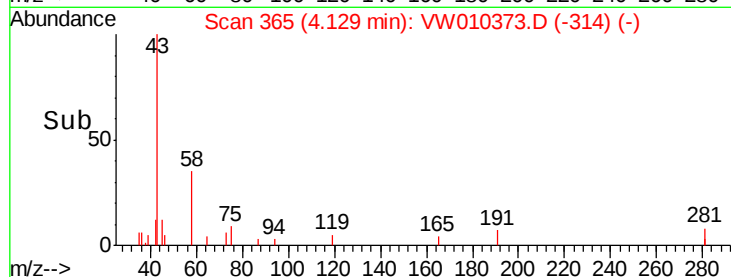
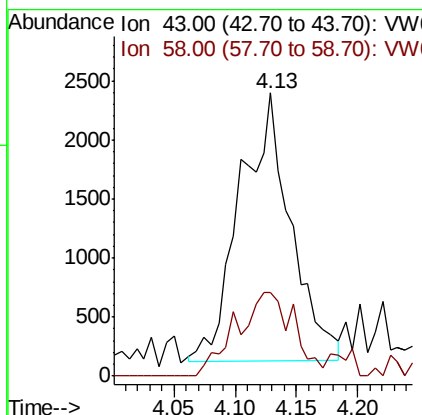
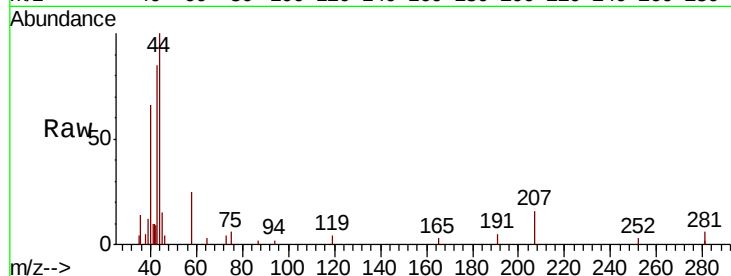




#16
Acetone
Concen: 3.009 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010373.D
Acq: 10 May 2019 23:15

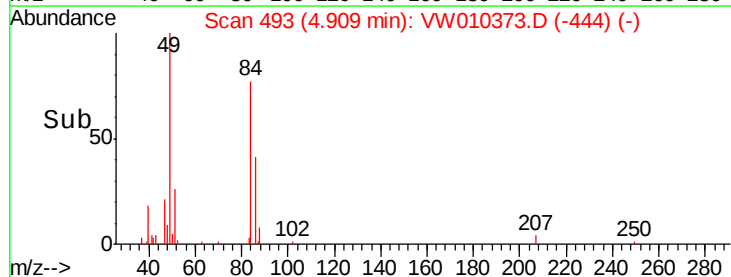
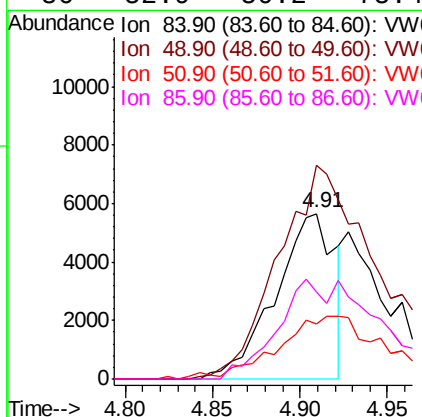
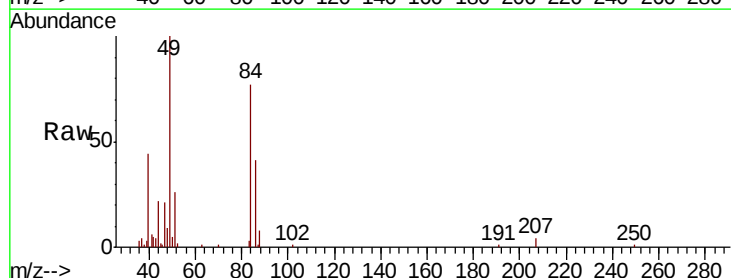
Instrument :
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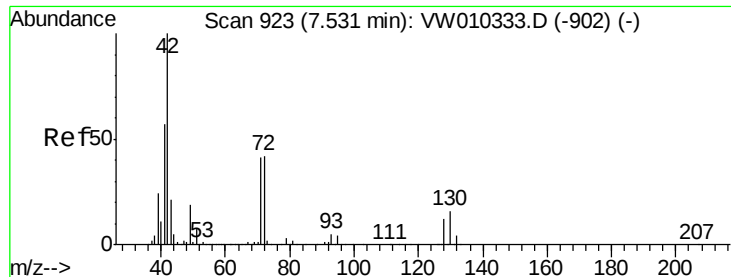
Tgt Ion: 43 Resp: 6549
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1



#20
Methylene Chloride
Concen: 1.472 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010373.D
Acq: 10 May 2019 23:15

Tgt Ion: 84 Resp: 13365
Ion Ratio Lower Upper
84 100
49 129.1 112.3 168.5
51 31.9 33.9 50.9#
86 52.9 50.2 75.4

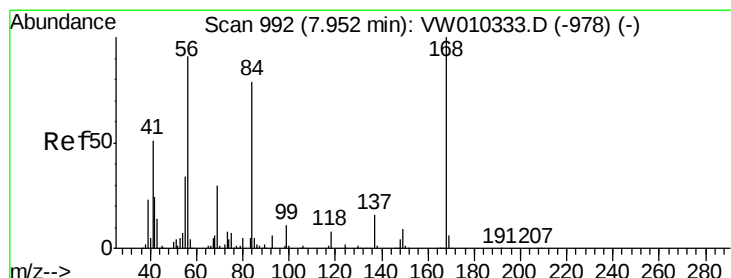
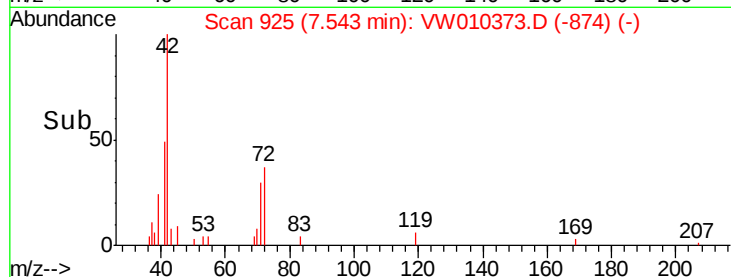
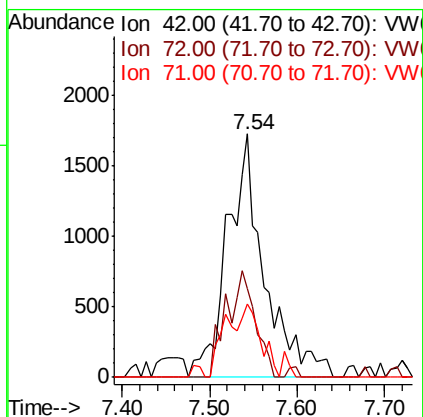
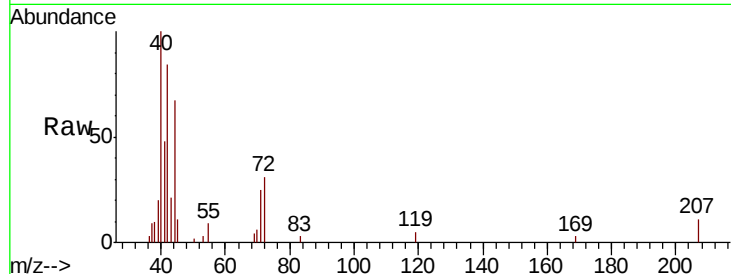




#29
Tetrahydrofuran
Concen: 2.357 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW010373.D
Acq: 10 May 2019 23:15

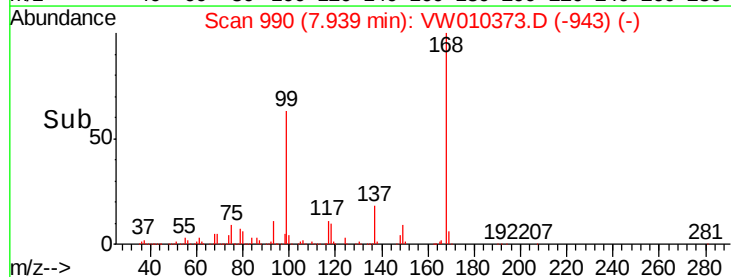
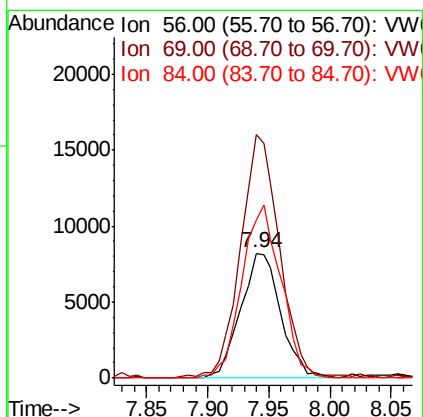
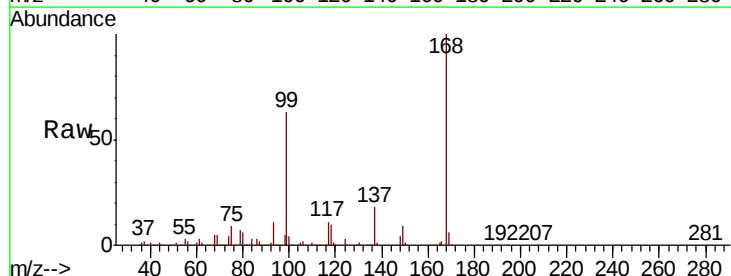
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-1824-01

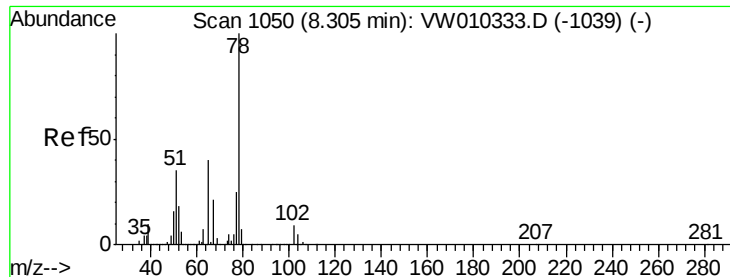
Tgt Ion: 42 Resp: 5076
Ion Ratio Lower Upper
42 100
72 34.4 31.0 46.6
71 16.1 29.7 44.5#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW010373.D
Acq: 10 May 2019 23:15

Tgt Ion: 56 Resp: 18819
Ion Ratio Lower Upper
56 100
69 192.2 26.6 40.0#
84 126.1 66.2 99.2#

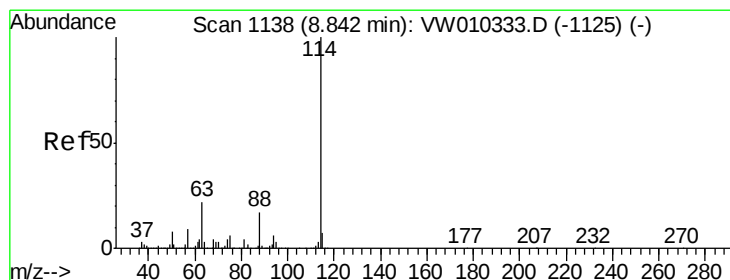
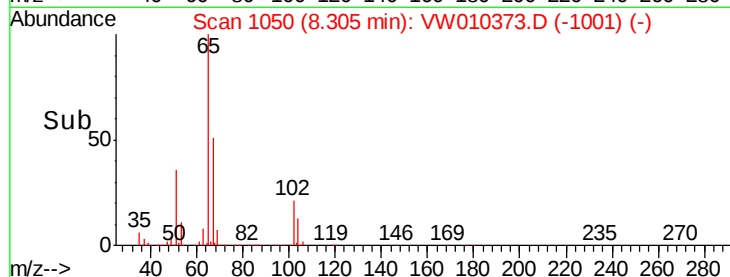
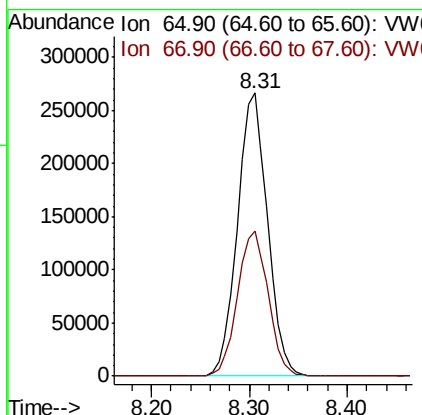
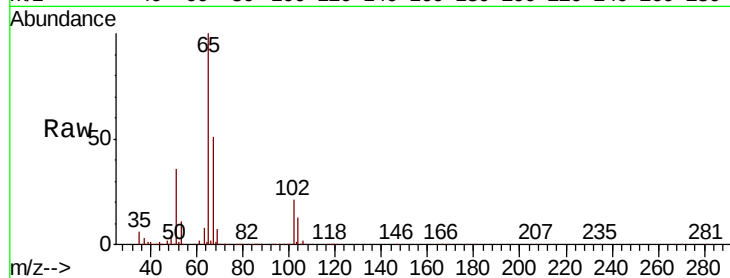




#33
 1,2-Dichloroethane-d4
 Concen: 68.011 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010373.D
 Acq: 10 May 2019 23:15

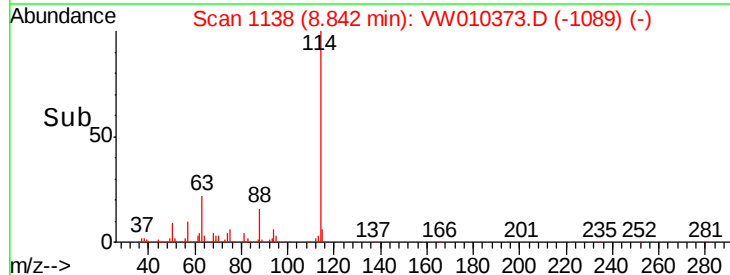
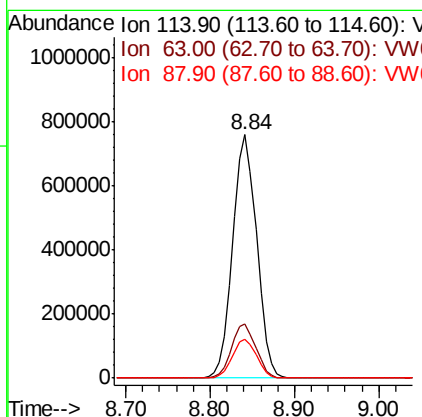
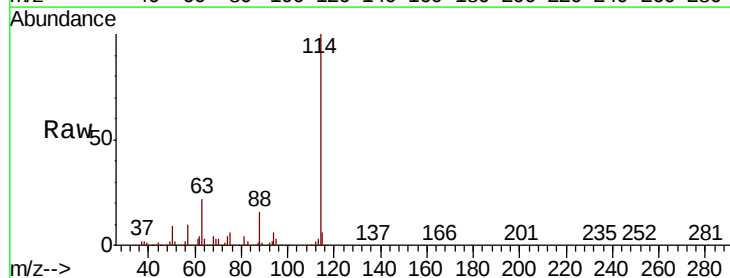
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-1824-01

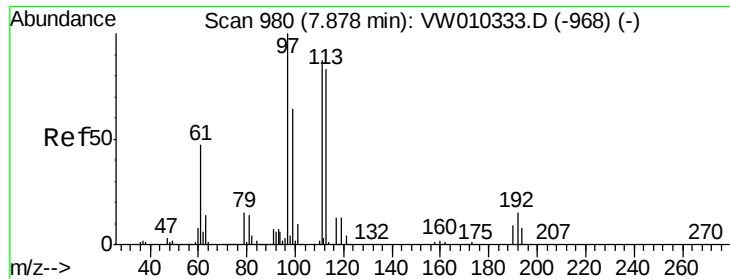
Tgt Ion: 65 Resp: 567881
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010373.D
 Acq: 10 May 2019 23:15

Tgt Ion: 114 Resp: 1465151
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 46.2
 88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.220 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010373.D

Acq: 10 May 2019 23:15

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-1824-01

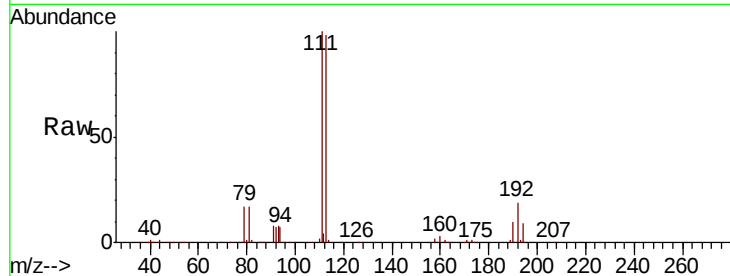
Tgt Ion:113 Resp: 473451

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

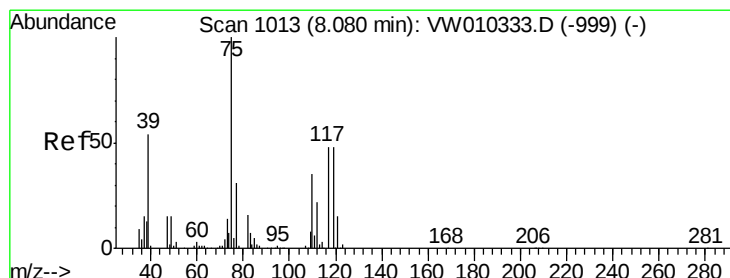
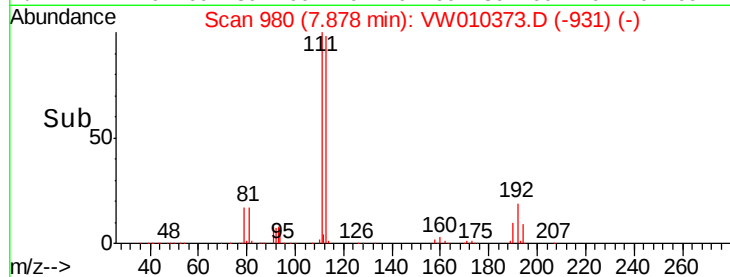
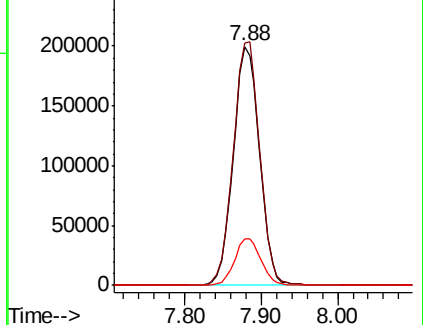
192 19.6 15.4 23.2



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: 4.262 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010373.D

Acq: 10 May 2019 23:15

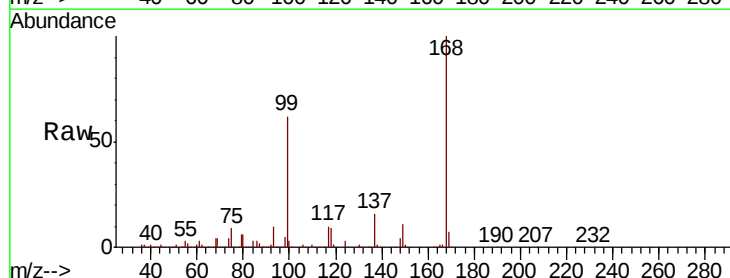
Tgt Ion: 75 Resp: 67711

Ion Ratio Lower Upper

75 100

110 7.2 16.6 49.8#

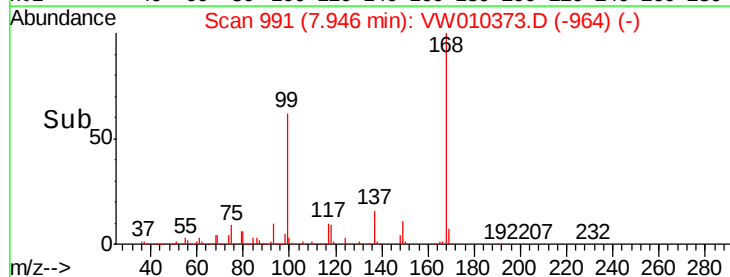
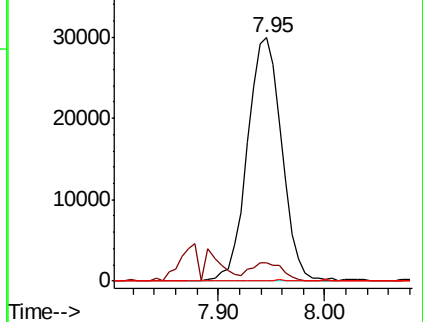
77 0.1 24.8 37.2#

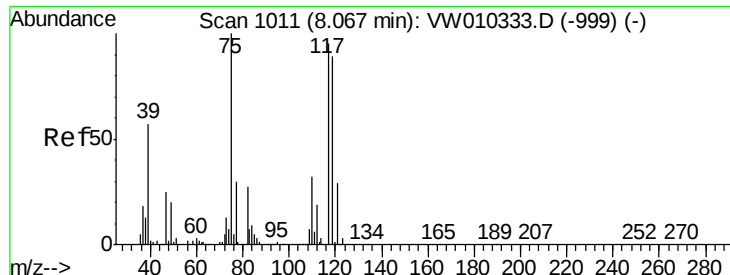


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.907 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW010373.D

Acq: 10 May 2019 23:15

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MSVOA_W

ClientSampleId :

P026-SS006-1824-01

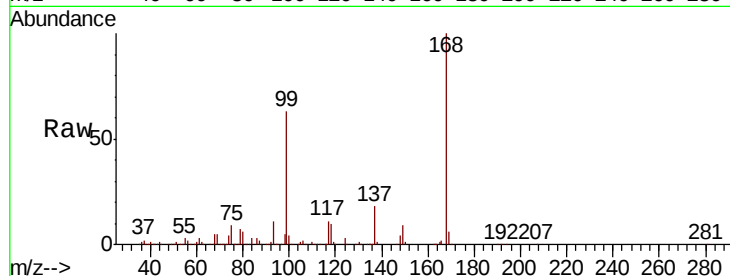
Tgt Ion:117 Resp: 80444

Ion Ratio Lower Upper

117 100

119 6.2 75.3 112.9#

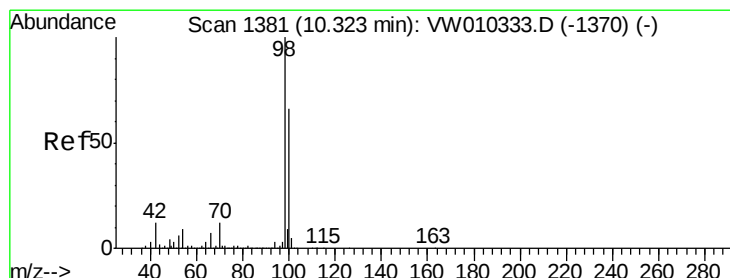
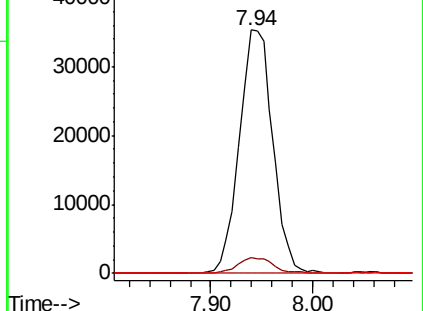
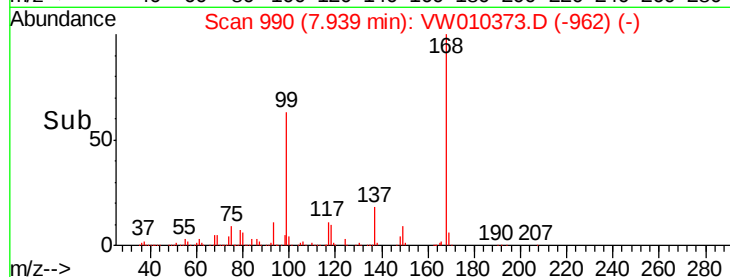
121 0.0 24.4 36.6#



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: 36.477 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010373.D

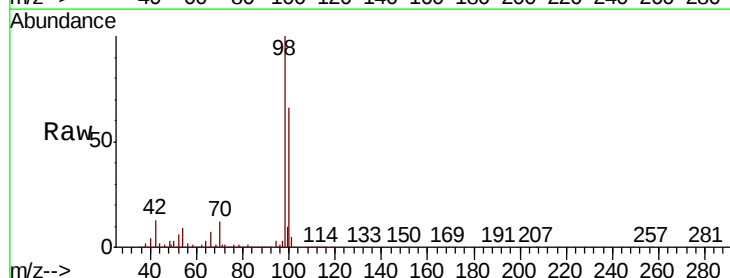
Acq: 10 May 2019 23:15

Tgt Ion: 98 Resp: 1273515

Ion Ratio Lower Upper

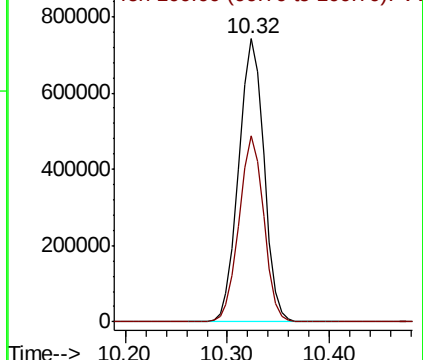
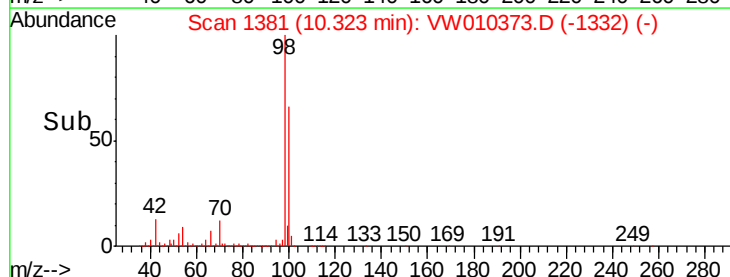
98 100

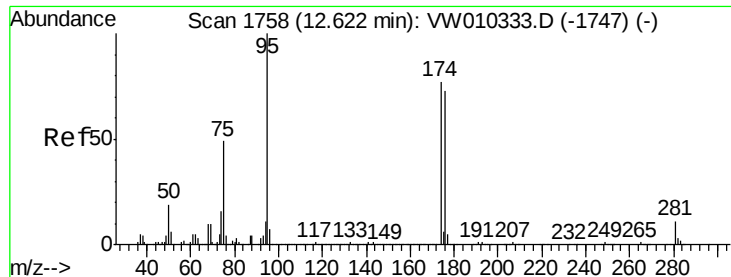
100 64.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

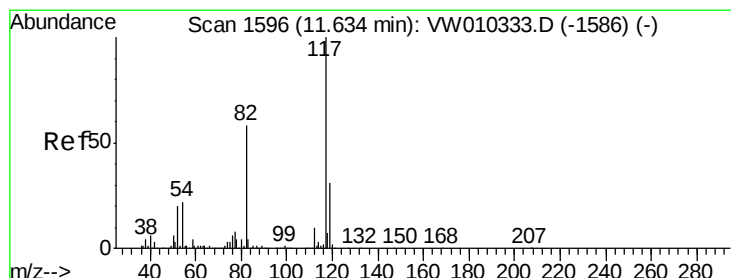
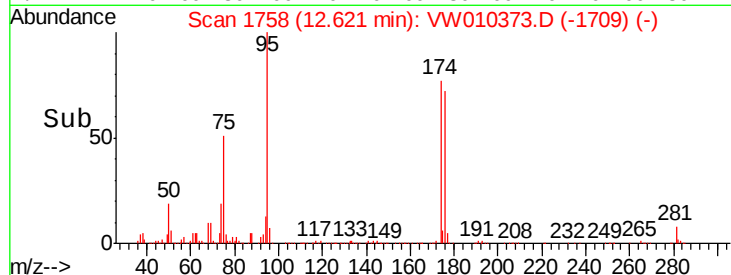
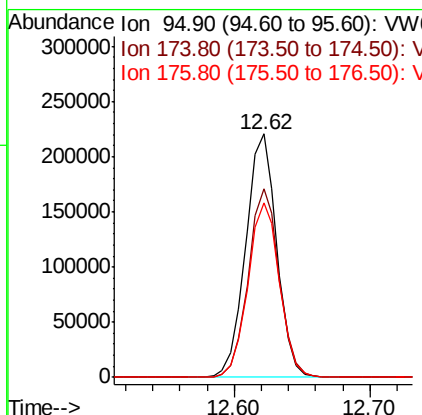
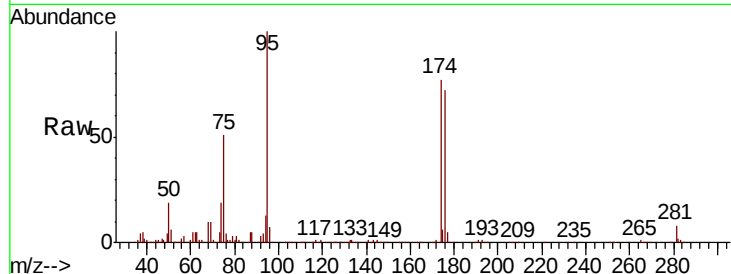




#62
4-Bromofluorobenzene
Concen: 28.621 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010373.D
Acq: 10 May 2019 23:15

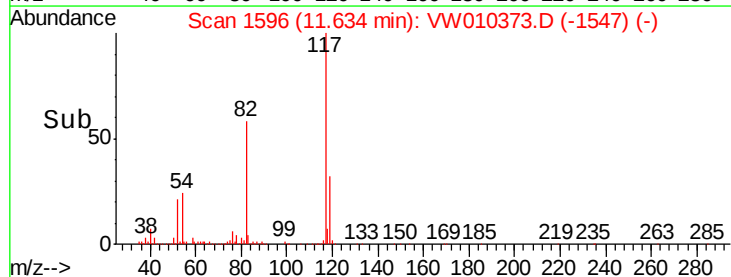
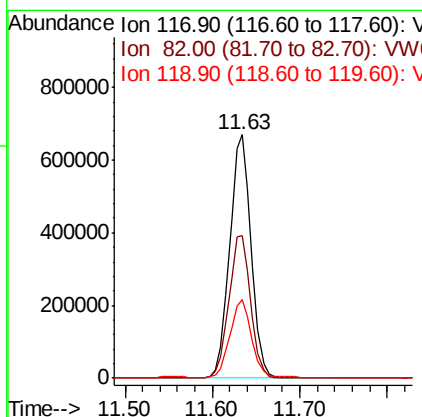
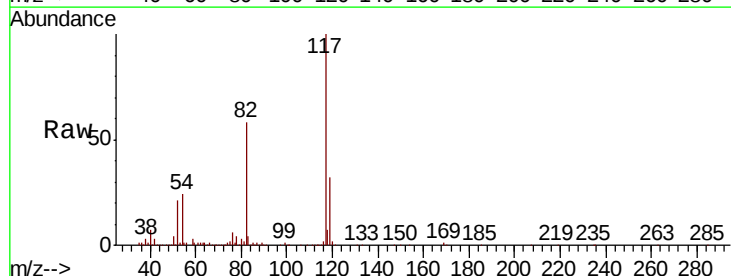
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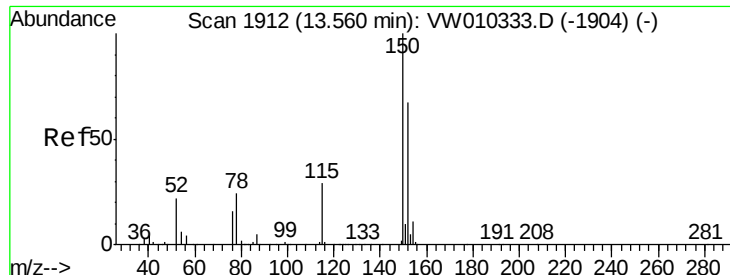
Tgt Ion: 95 Resp: 351739
Ion Ratio Lower Upper
95 100
174 77.1 0.0 151.4
176 73.0 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010373.D
Acq: 10 May 2019 23:15

Tgt Ion: 117 Resp: 1134517
Ion Ratio Lower Upper
117 100
82 58.3 45.2 67.8
119 32.0 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: VW010373.D

Acq: 10 May 2019 23:15

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-1824-01

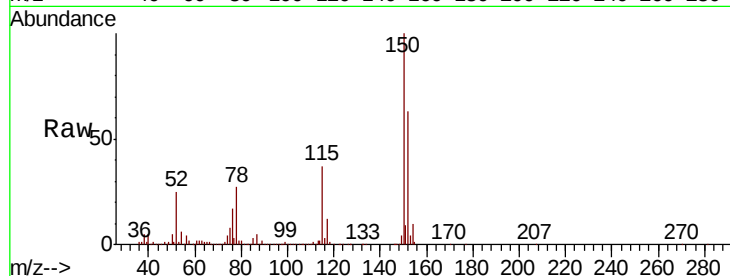
Tgt Ion:152 Resp: 357031

Ion Ratio Lower Upper

152 100

115 60.1 30.4 91.2

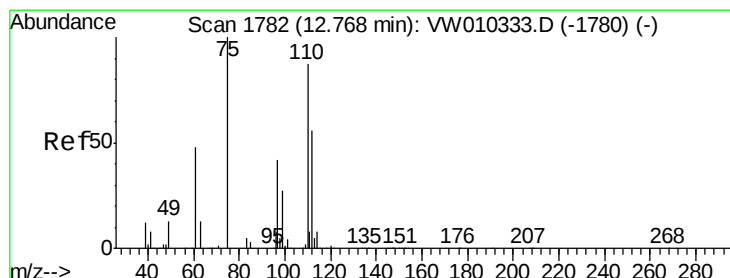
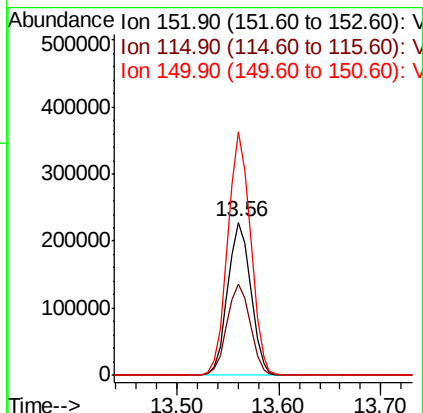
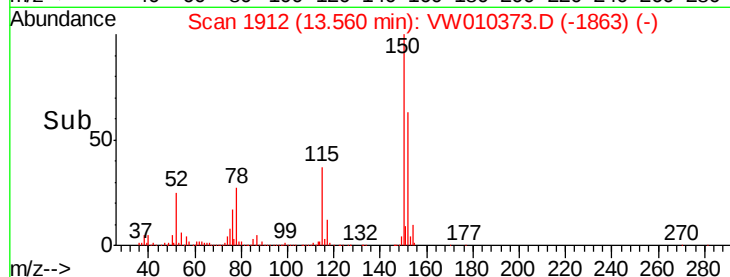
150 157.5 0.0 347.0



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: 43.218 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010373.D

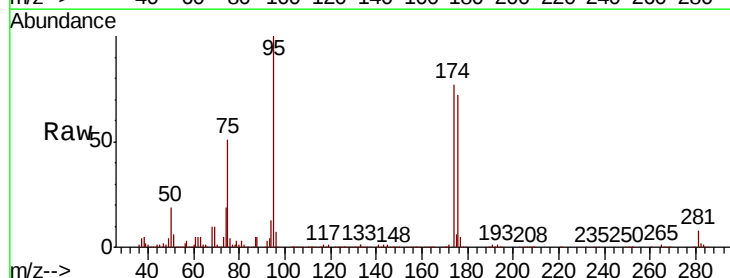
Acq: 10 May 2019 23:15

Tgt Ion: 75 Resp: 179903

Ion Ratio Lower Upper

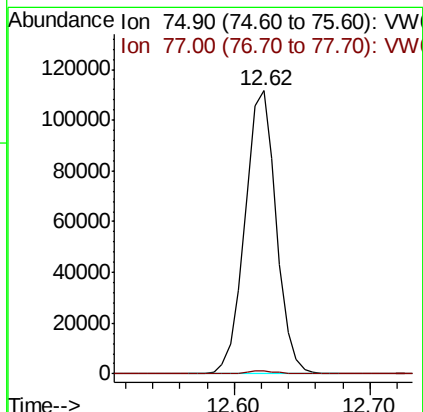
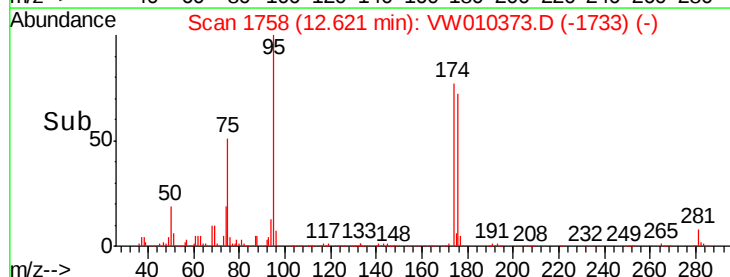
75 100

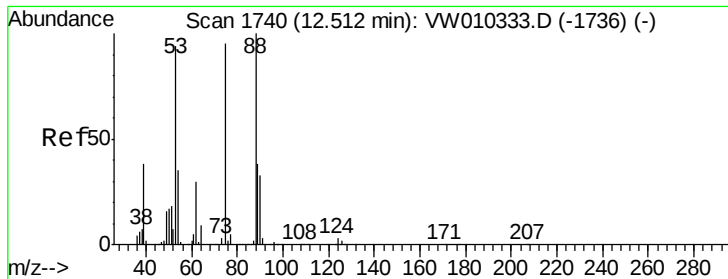
77 1.3 0.0 0.0#



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: 97.600 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010373.D

Acq: 10 May 2019 23:15

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-1824-01

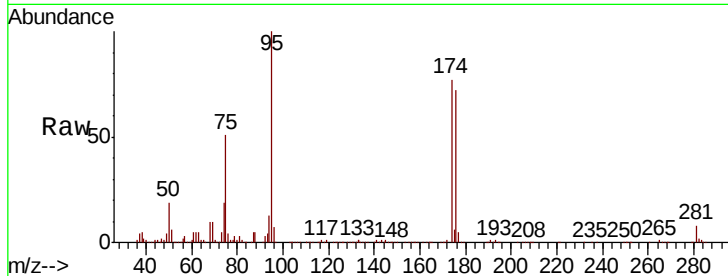
Tgt Ion: 75 Resp: 179903

Ion Ratio Lower Upper

75 100

53 0.4 89.8 134.8#

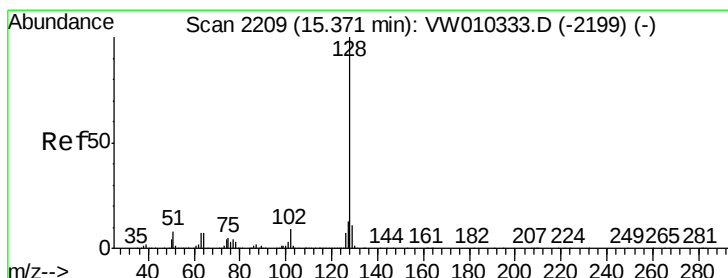
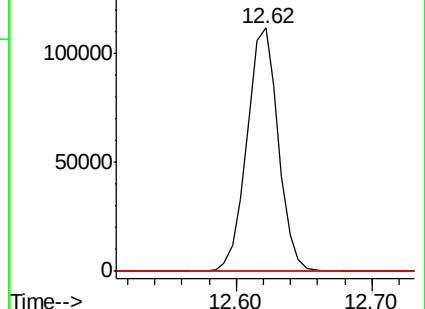
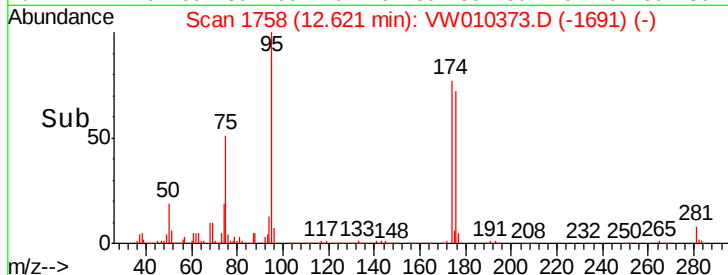
89 0.0 36.6 54.8#



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: 3.695 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW010373.D

Acq: 10 May 2019 23:15

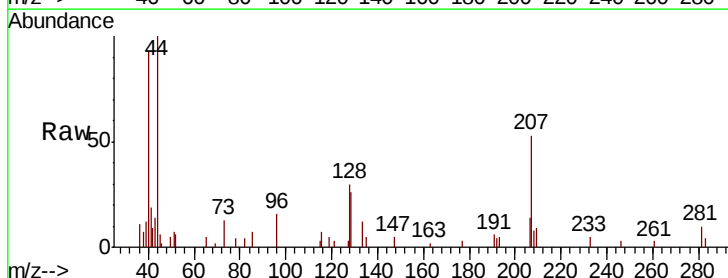
Tgt Ion: 128 Resp: 1753

Ion Ratio Lower Upper

128 100

127 20.1 10.6 15.8#

129 8.3 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

