

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007515.D
 Acq On : 14 Dec 2018 05:00
 Operator : SY/AP
 Sample : J6340-11RE
 Misc : 5.11G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10ARE

Quant Time: Dec 14 06:42:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	38109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	65541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	47276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11980	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	19299	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
35) Dibromofluoromethane	7.88	113	17359	43.75	ug/l	0.00
Spiked Amount			Recovery	=	87.50%	
50) Toluene-d8	10.32	98	47188	31.72	ug/l	0.00
Spiked Amount			Recovery	=	63.44%	
62) 4-Bromofluorobenzene	12.62	95	12399	22.67	ug/l	0.00
Spiked Amount			Recovery	=	45.34%	

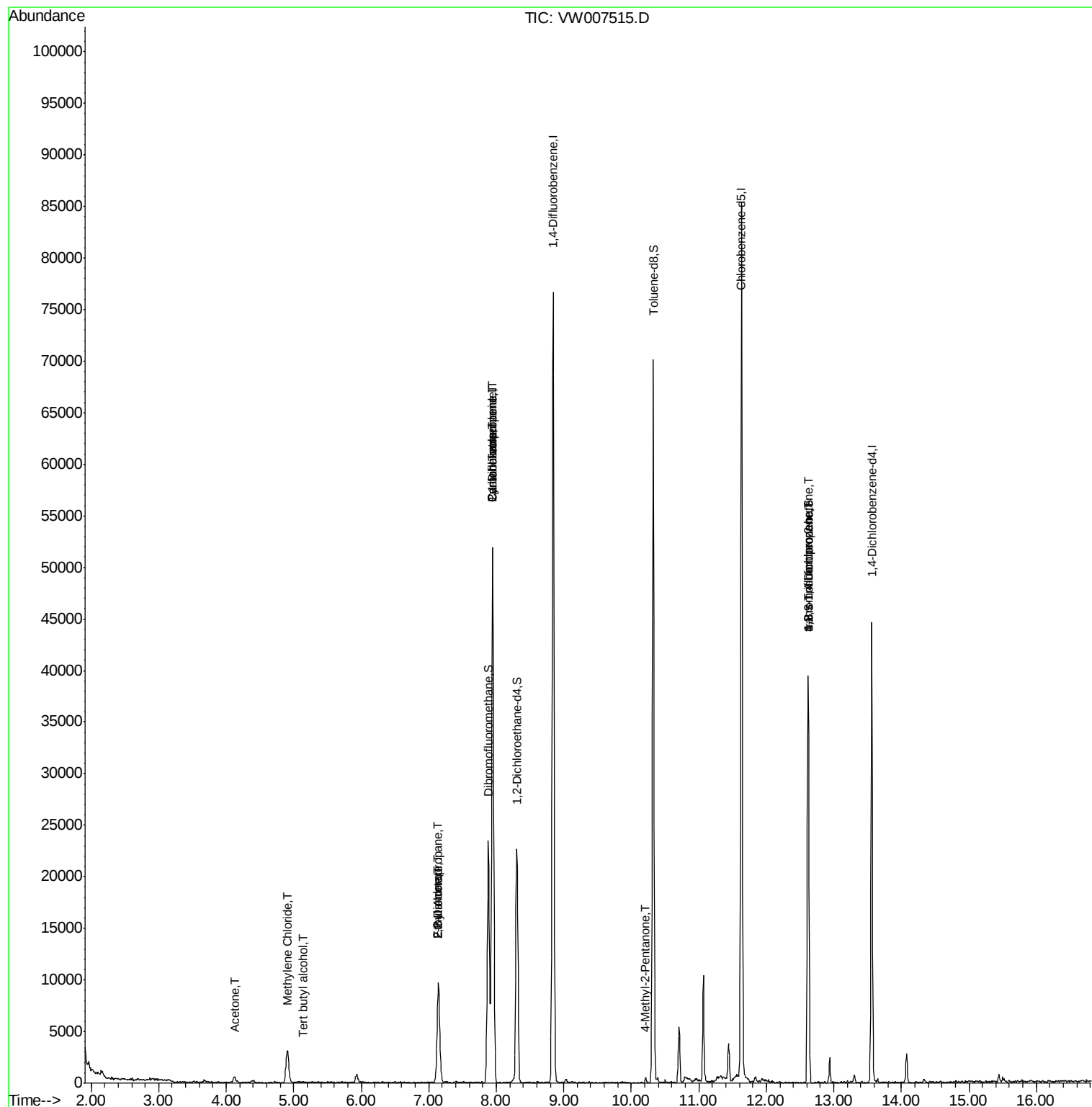
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	94	3.237	ug/l #	74
16) Acetone	4.13	43	1252	16.954	ug/l	93
20) Methylene Chloride	4.90	84	2648	2.864	ug/l #	84
25) 2-Butanone	7.14	43	540	5.601	ug/l #	45
26) 2,2-Dichloropropane	7.14	77	627	1.323	ug/l #	52
31) Cyclohexane	7.95	56	857	1.305	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	2918	4.881	ug/l #	46
37) Ethyl Acetate	7.14	43	540	2.428	ug/l #	19
38) Carbon Tetrachloride	7.95	117	4179	6.424	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	431	2.077	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	6178	62.544	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	6178	138.160	ug/l #	7

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007515.D

Acq: 14 Dec 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

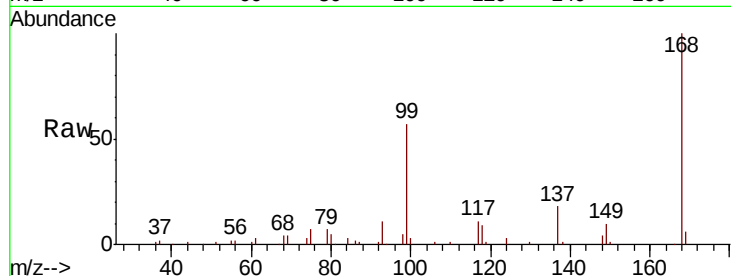
SB-10ARE

Tot Ion:168 Resp: 38109

Ion Ratio Lower Upper

168 100

99 57.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

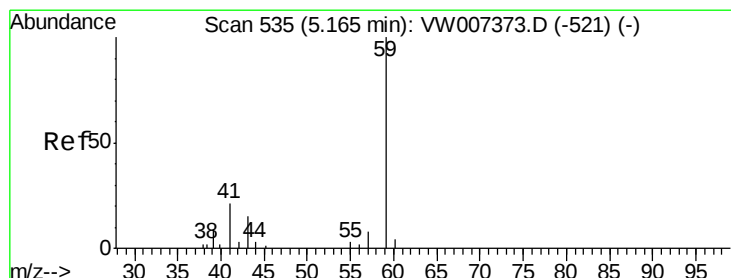
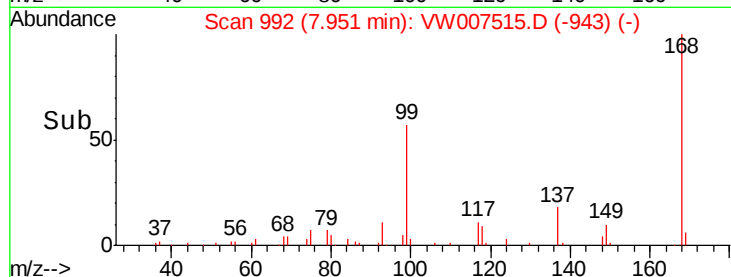
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 3.237 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.03 min

Lab File: VW007515.D

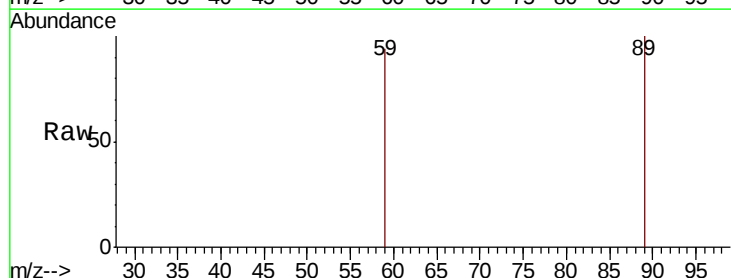
Acq: 14 Dec 2018 05:00

Tgt Ion: 59 Resp: 94

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

80

60

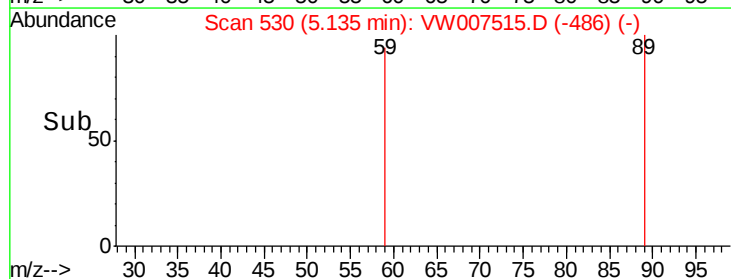
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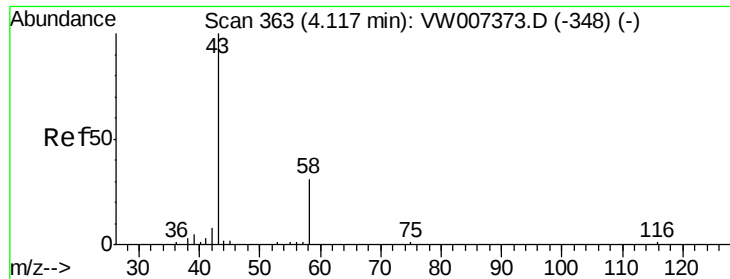
20

0

Time-->

5.10 5.12 5.14 5.16





#16

Acetone

Concen: 16.954 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007515.D

Acq: 14 Dec 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

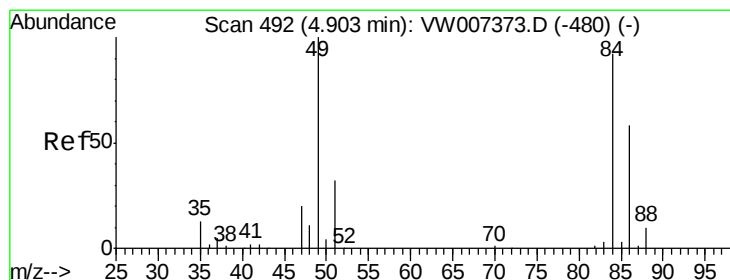
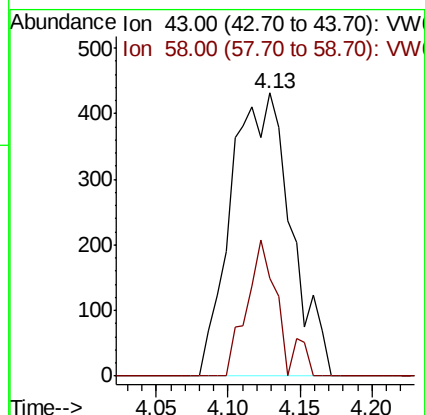
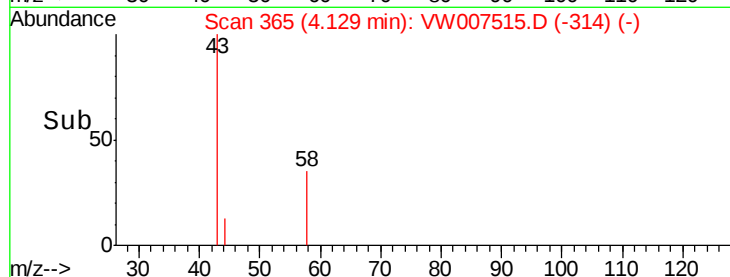
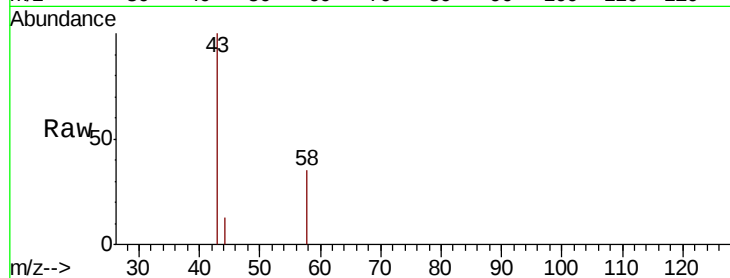
SB-10ARE

Tot Ion: 43 Resp: 1252

Ion Ratio Lower Upper

43 100

58 34.7 24.9 37.3



#20

Methylene Chloride

Concen: 2.864 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007515.D

Acq: 14 Dec 2018 05:00

Tgt Ion: 84 Resp: 2648

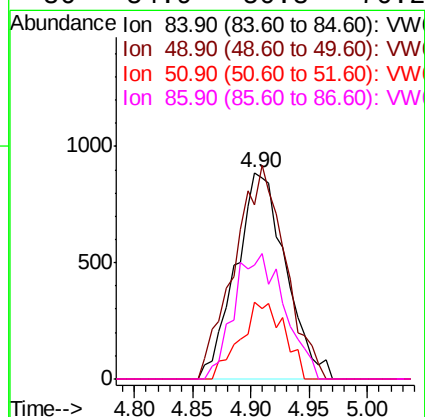
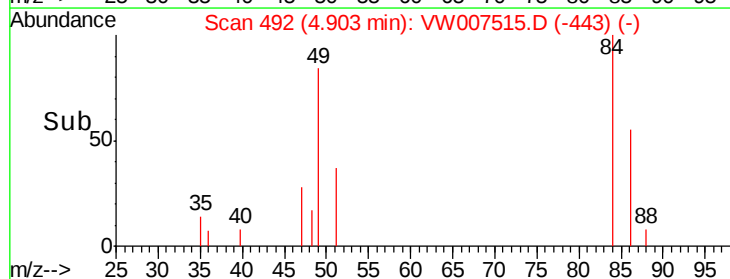
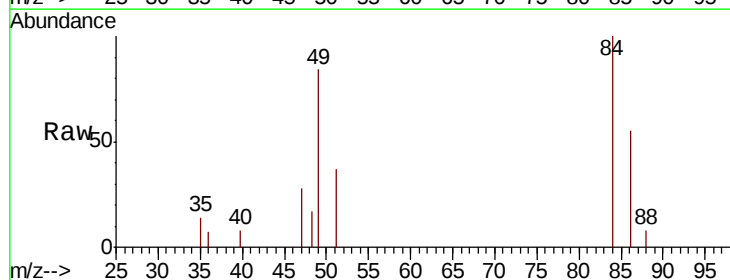
Ion Ratio Lower Upper

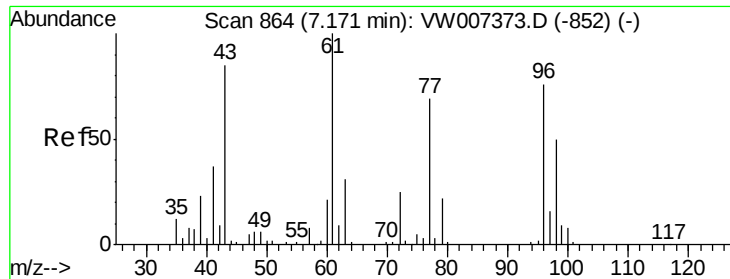
84 100

49 84.5 87.1 130.7#

51 36.9 28.2 42.2

86 54.9 50.8 76.2





#25

2-Butanone

Concen: 5.601 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW007515.D

Acq: 14 Dec 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

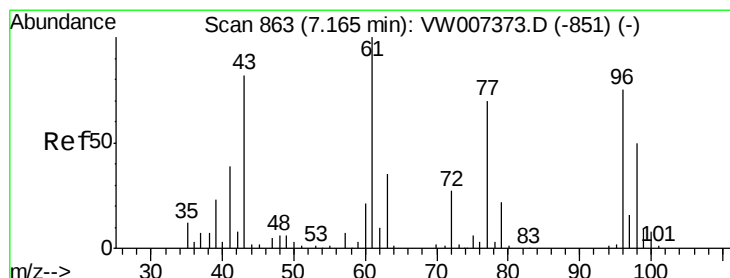
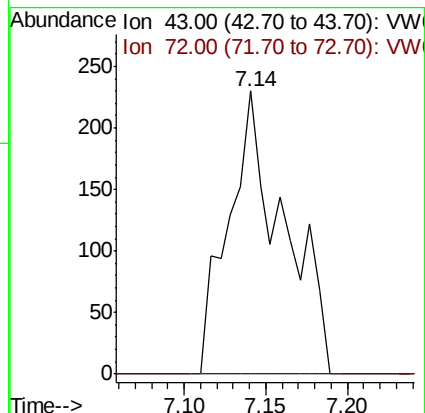
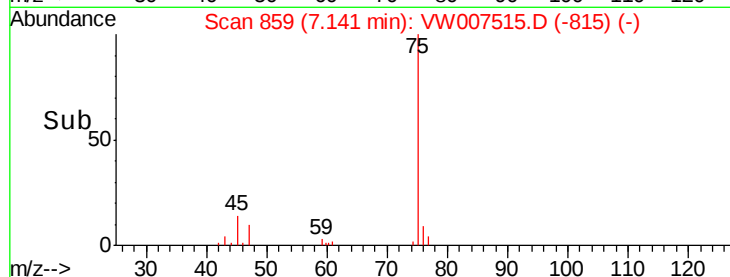
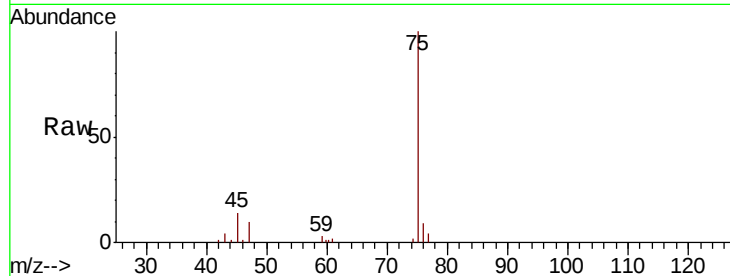
SB-10ARE

Tot Ion: 43 Resp: 540

Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



#26

2,2-Dichloropropane

Concen: 1.323 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW007515.D

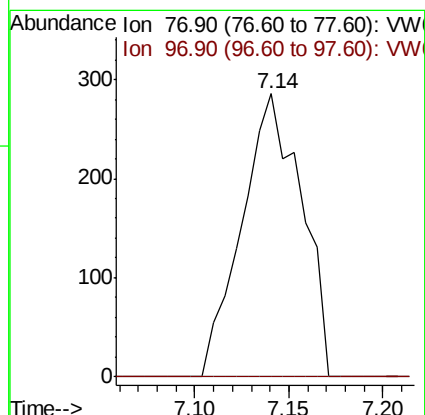
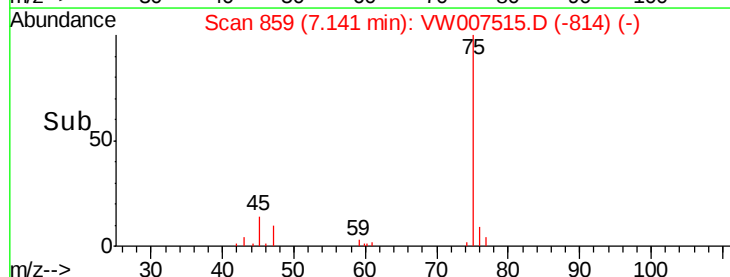
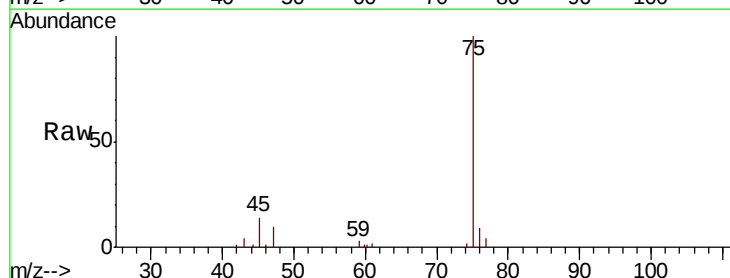
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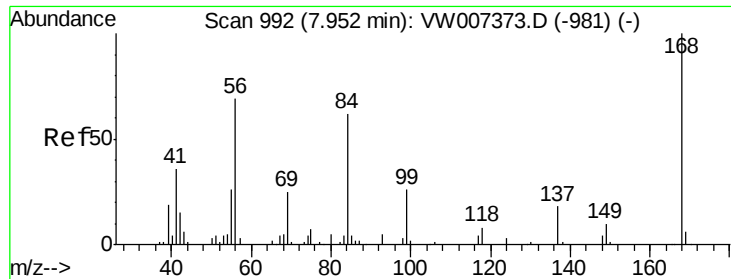
Tgt Ion: 77 Resp: 627

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#

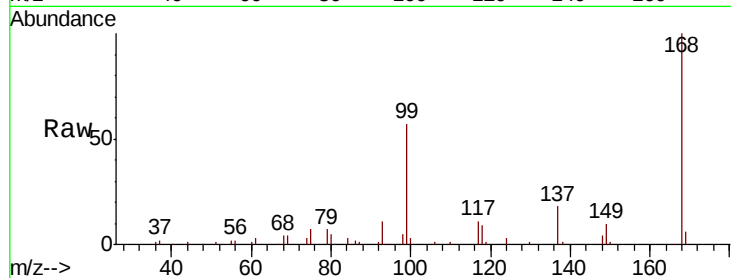




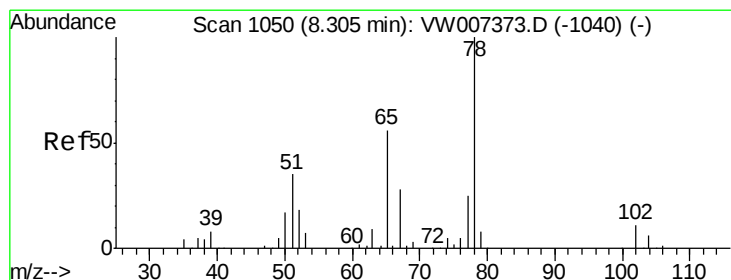
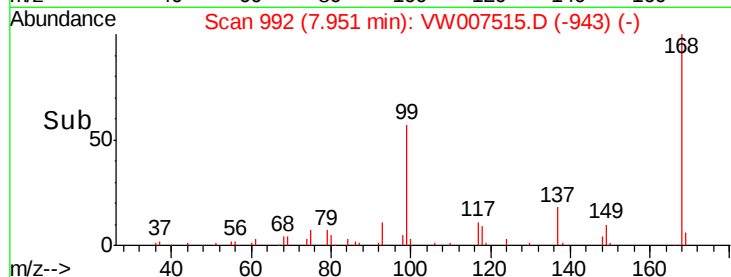
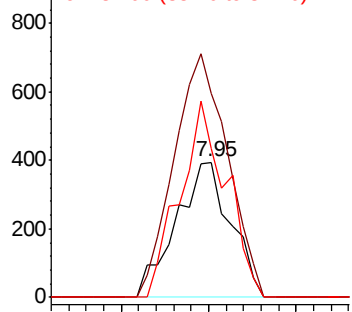
#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007515.D
Acq: 14 Dec 2018 05:00

Instrument :
MSVOA_W
ClientSampleId :
SB-10ARE

Tot Ion: 56 Resp: 857
Ion Ratio Lower Upper
56 100
69 151.1 28.9 43.3#
84 109.9 71.8 107.6#

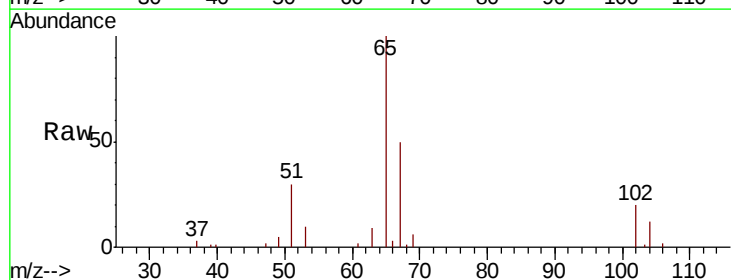


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

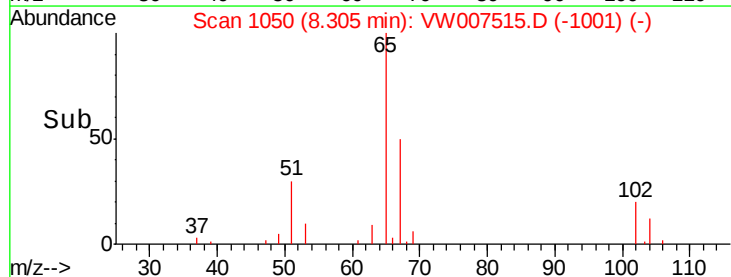
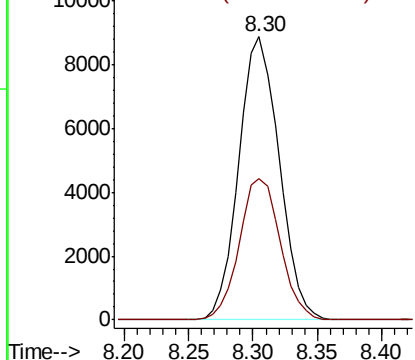


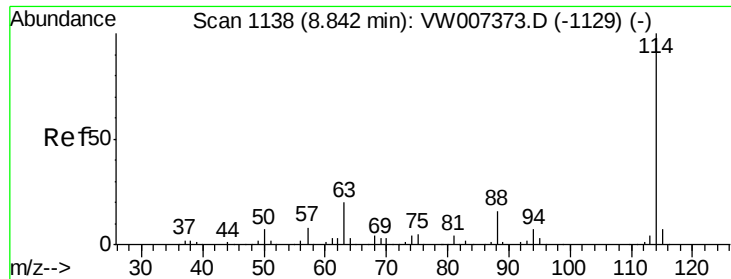
#33
1,2-Dichloroethane-d4
Concen: 45.647 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007515.D
Acq: 14 Dec 2018 05:00

Tgt Ion: 65 Resp: 19299
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

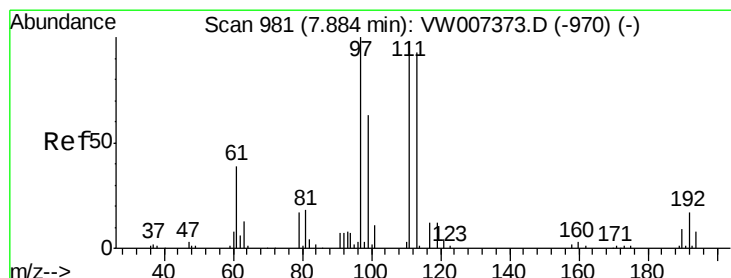
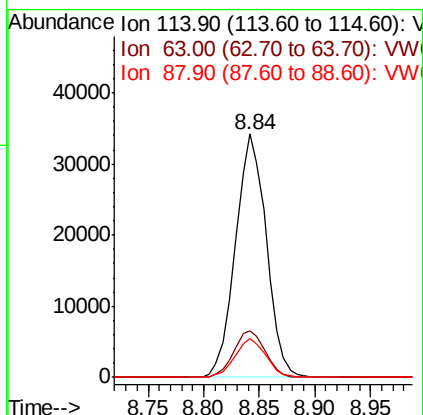
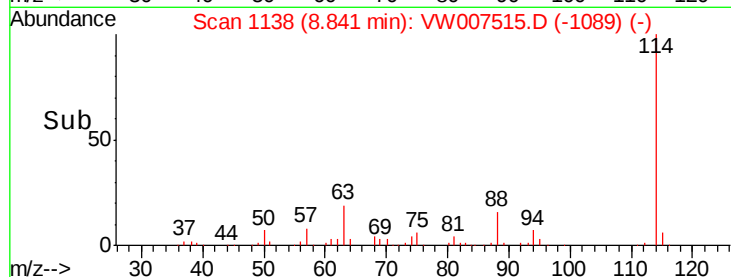
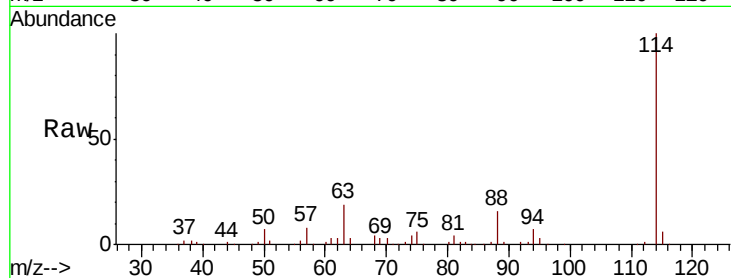




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007515.D
Acq: 14 Dec 2018 05:00

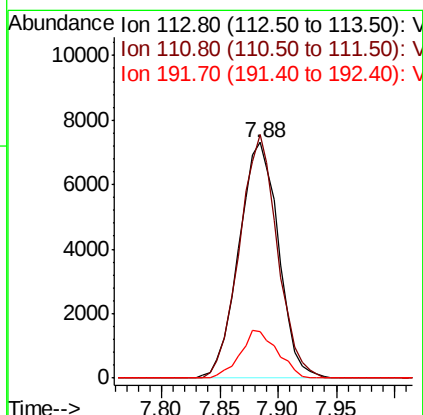
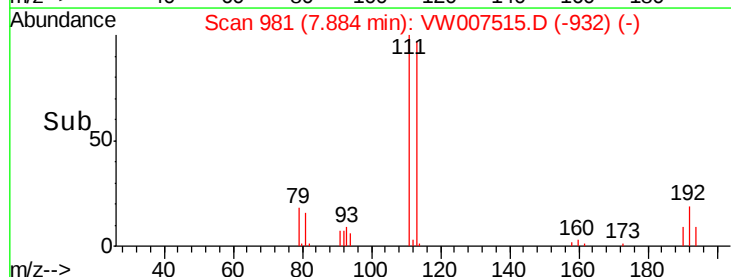
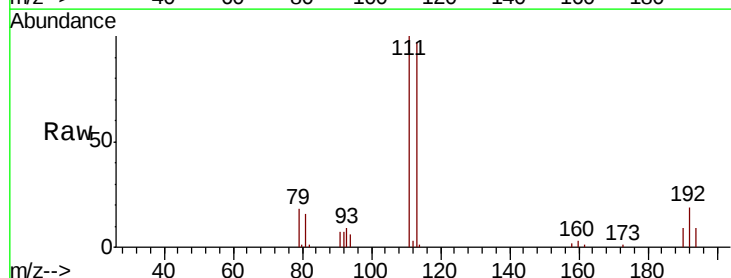
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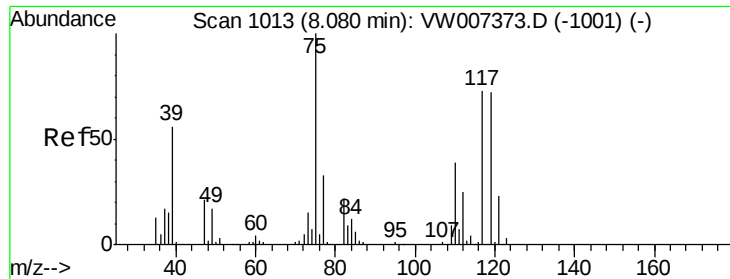
Tot Ion:114 Resp: 65541
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 43.753 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007515.D
Acq: 14 Dec 2018 05:00

Tgt Ion:113 Resp: 17359
Ion Ratio Lower Upper
113 100
111 98.9 81.1 121.7
192 18.9 14.6 21.8

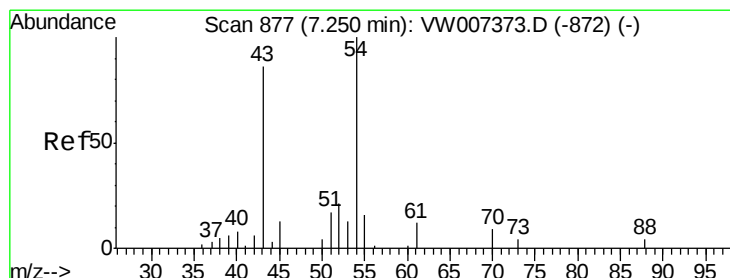
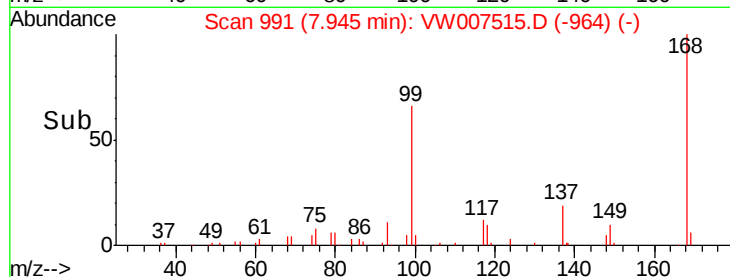
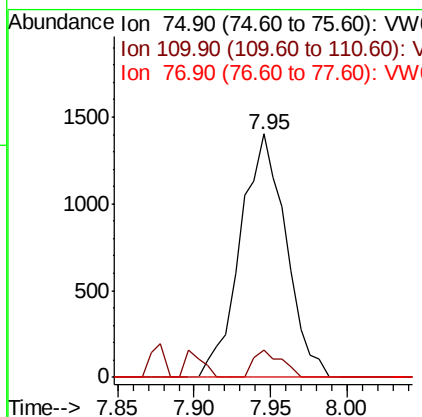
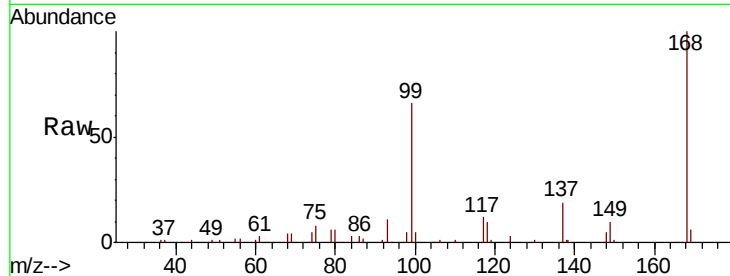




#36
 1,1-Dichloropropene
 Concen: 4.881 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007515.D
 Acq: 14 Dec 2018 05:00

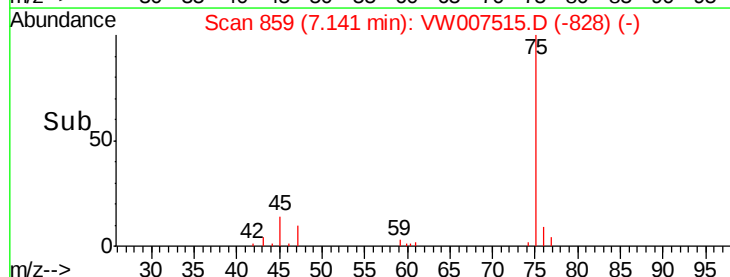
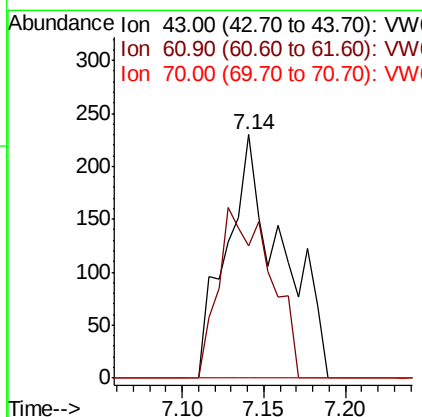
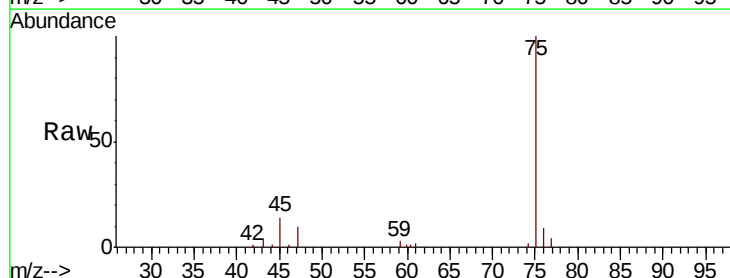
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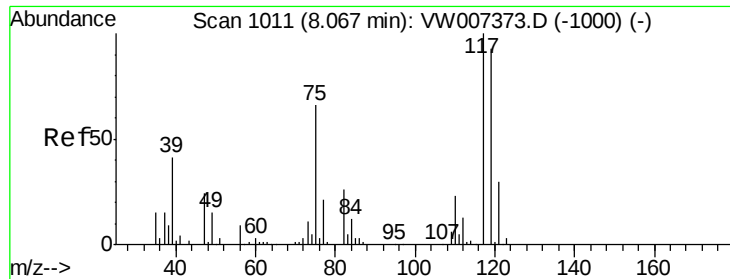
Tot Ion: 75 Resp: 2918
 Ion Ratio Lower Upper
 75 100
 110 6.8 18.5 55.5#
 77 0.0 25.6 38.4#



#37
 Ethyl Acetate
 Concen: 2.428 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.11 min
 Lab File: VW007515.D
 Acq: 14 Dec 2018 05:00

Tgt Ion: 43 Resp: 540
 Ion Ratio Lower Upper
 43 100
 61 65.9 12.1 18.1#
 70 0.0 10.0 15.0#

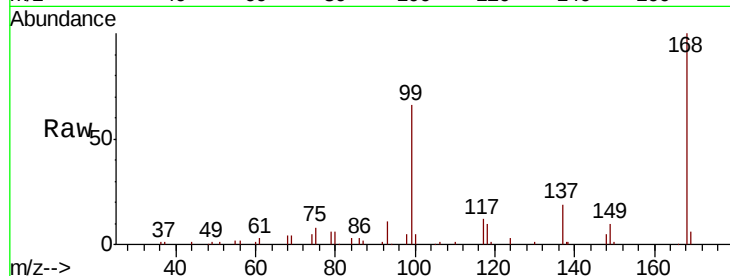




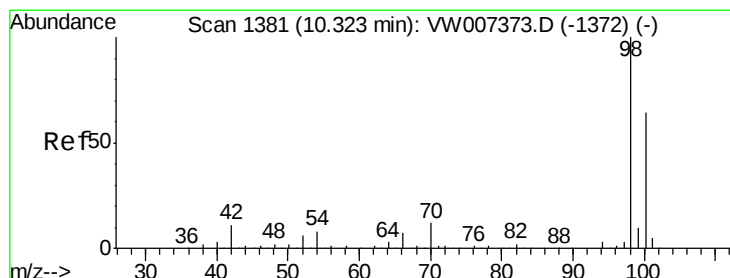
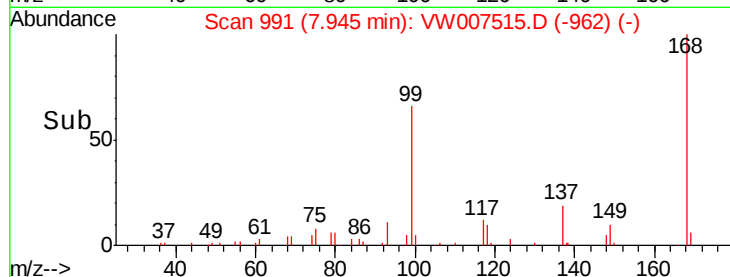
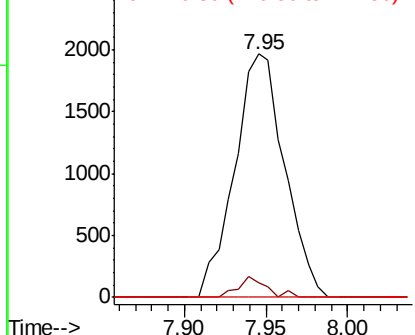
#38
Carbon Tetrachloride
Concen: 6.424 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007515.D
Acq: 14 Dec 2018 05:00

Instrument :
MSVOA_W
ClientSampleId :
SB-10ARE

Tot Ion:117 Resp: 4179
Ion Ratio Lower Upper
117 100
119 6.1 74.3 111.5#
121 0.0 24.3 36.5#

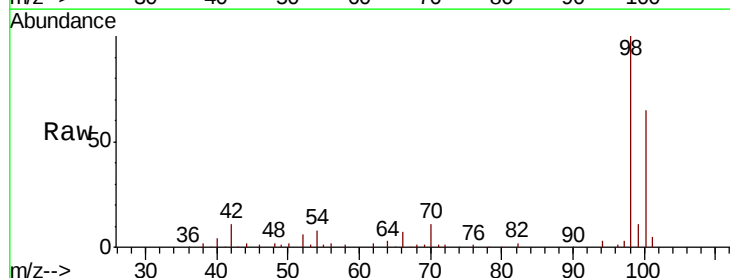


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

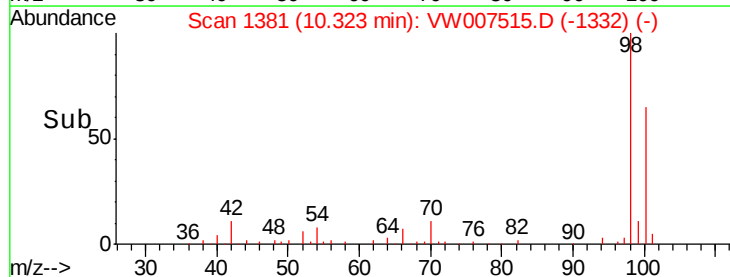
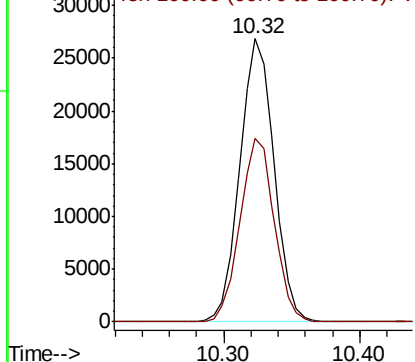


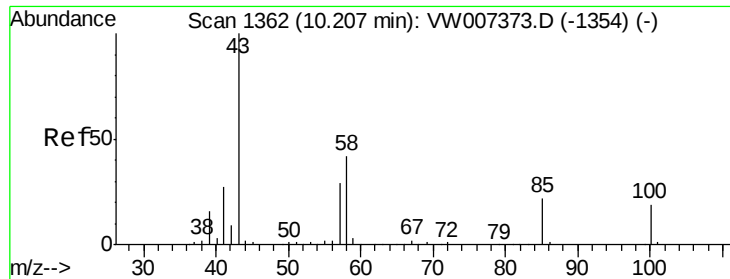
#50
Toluene-d8
Concen: 31.721 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007515.D
Acq: 14 Dec 2018 05:00

Tgt Ion: 98 Resp: 47188
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 2.077 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007515.D

Acq: 14 Dec 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

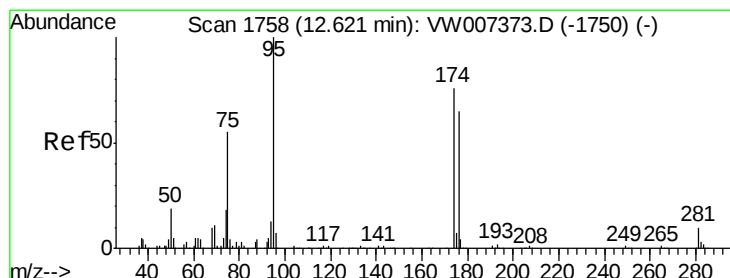
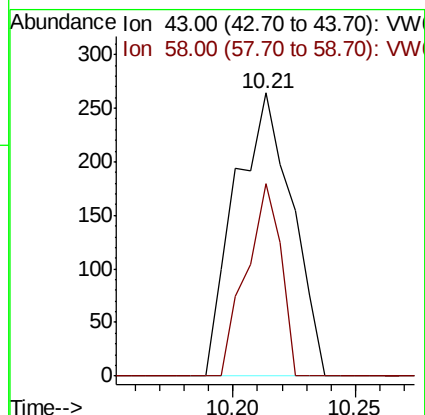
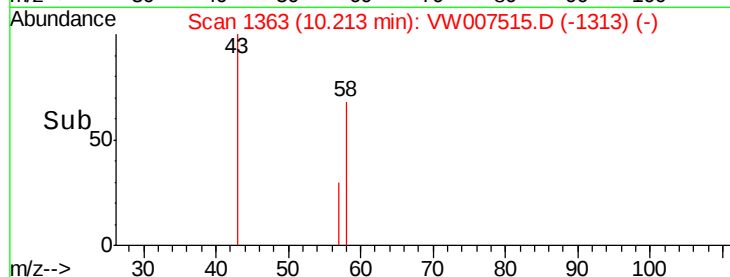
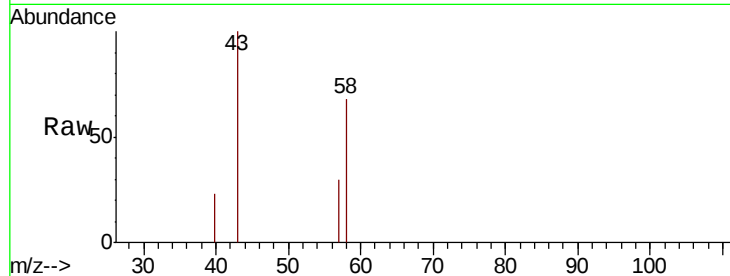
SB-10ARE

Tot Ion: 43 Resp: 431

Ion Ratio Lower Upper

43 100

58 41.1 33.1 49.7



#62

4-Bromofluorobenzene

Concen: 22.670 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007515.D

Acq: 14 Dec 2018 05:00

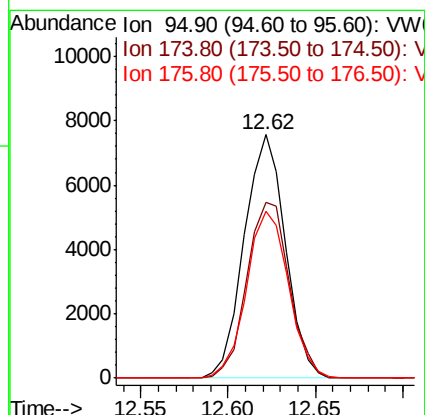
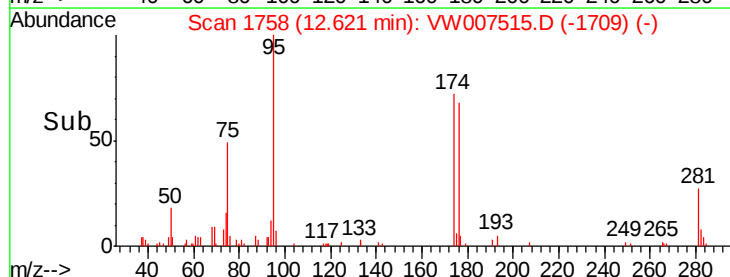
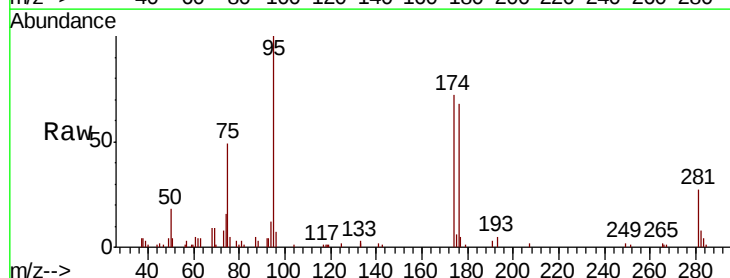
Tgt Ion: 95 Resp: 12399

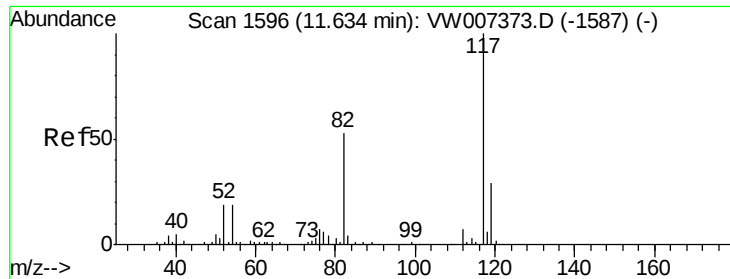
Ion Ratio Lower Upper

95 100

174 74.7 0.0 147.2

176 70.3 0.0 138.8

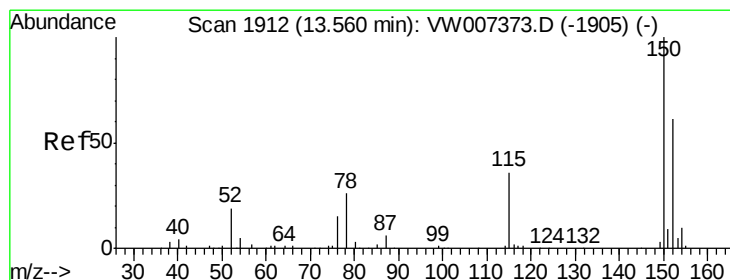
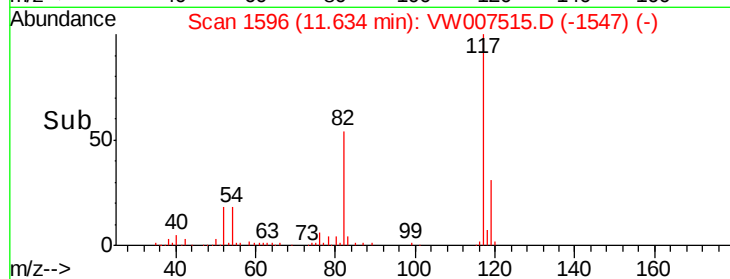
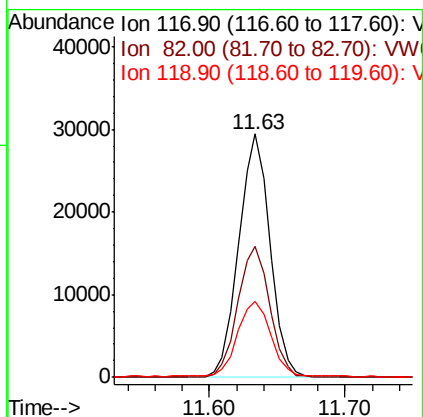
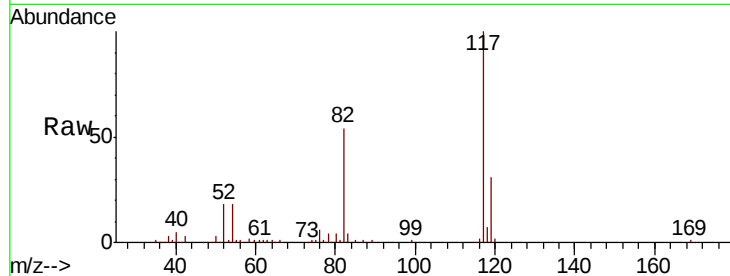




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007515.D
Acq: 14 Dec 2018 05:00

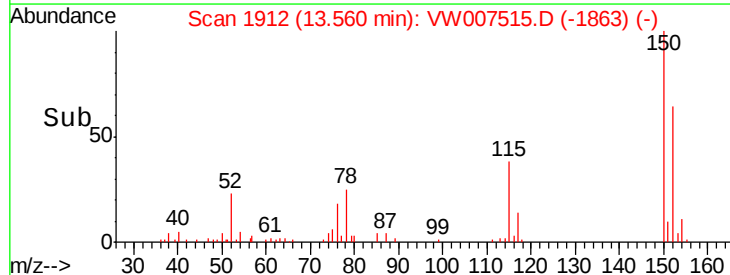
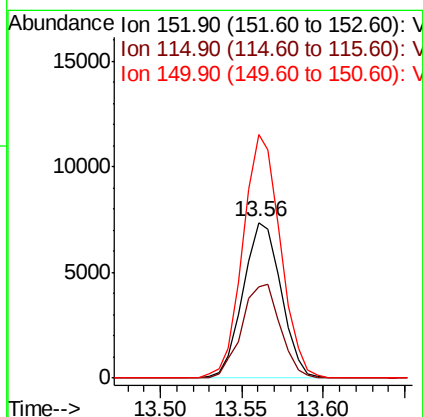
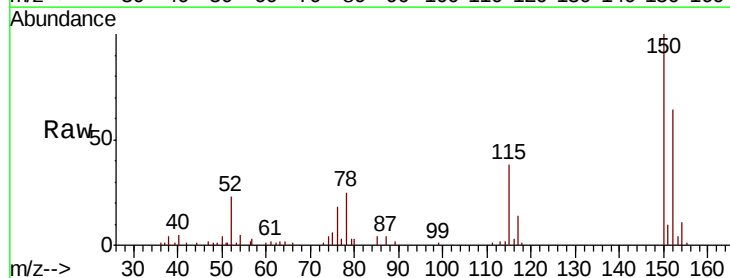
Instrument :
MSVOA_W
ClientSampleId :
SB-10ARE

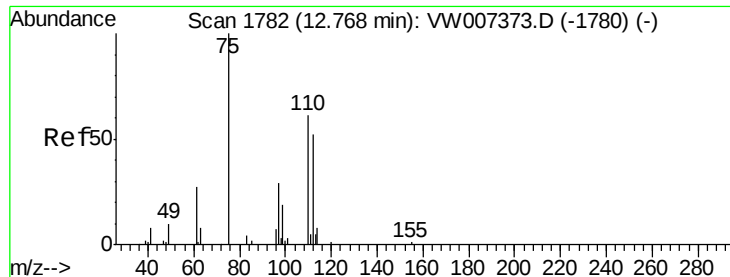
Tot Ion:117 Resp: 47276
Ion Ratio Lower Upper
117 100
82 53.7 42.3 63.5
119 30.8 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007515.D
Acq: 14 Dec 2018 05:00

Tgt Ion:152 Resp: 11980
Ion Ratio Lower Upper
152 100
115 60.9 31.4 94.2
150 153.9 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 62.544 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007515.D

Acq: 14 Dec 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

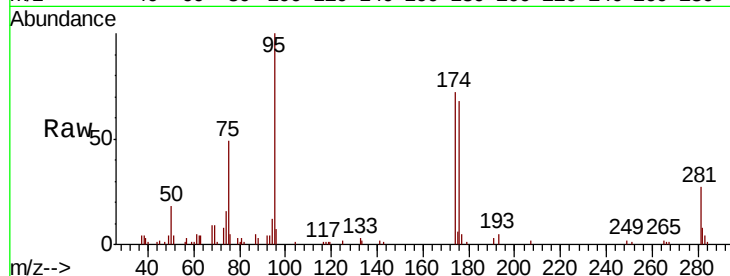
SB-10ARE

Tot Ion: 75 Resp: 6178

Ion Ratio Lower Upper

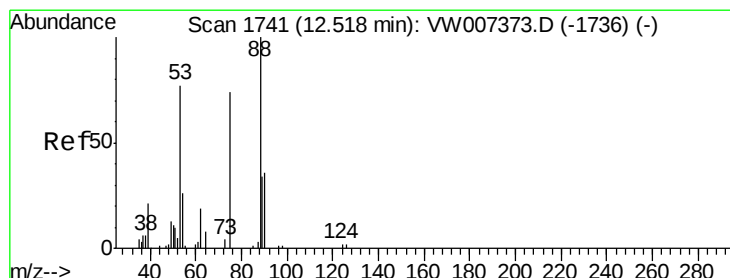
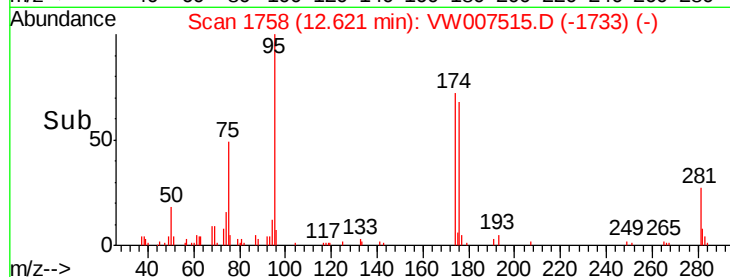
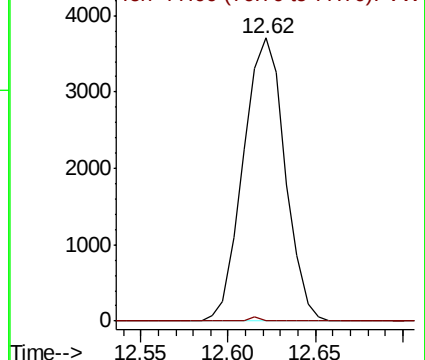
75 100

77 0.4 166.9 500.8#



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: 138.160 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007515.D

Acq: 14 Dec 2018 05:00

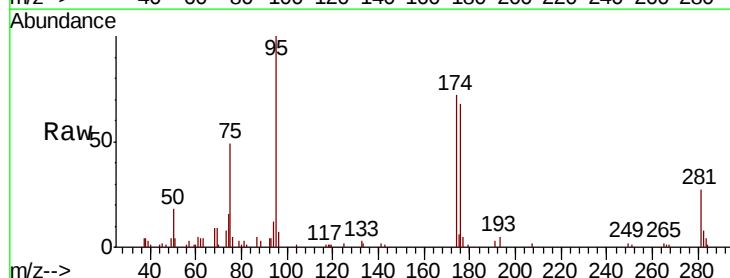
Tgt Ion: 75 Resp: 6178

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

