

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007583.D
 Acq On : 15 Dec 2018 15:44
 Operator : SY/AP
 Sample : J6353-07
 Misc : 5.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0002-01

Quant Time: Dec 15 20:25:09 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	59309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	73294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29060	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	45052	68.47	ug/l	0.00
Spiked Amount			Recovery	=	136.94%	
35) Dibromofluoromethane	7.88	113	38984	59.43	ug/l	0.00
Spiked Amount			Recovery	=	118.86%	
50) Toluene-d8	10.32	98	98801	40.17	ug/l	0.00
Spiked Amount			Recovery	=	80.34%	
62) 4-Bromofluorobenzene	12.62	95	36409	40.26	ug/l	0.00
Spiked Amount			Recovery	=	80.52%	

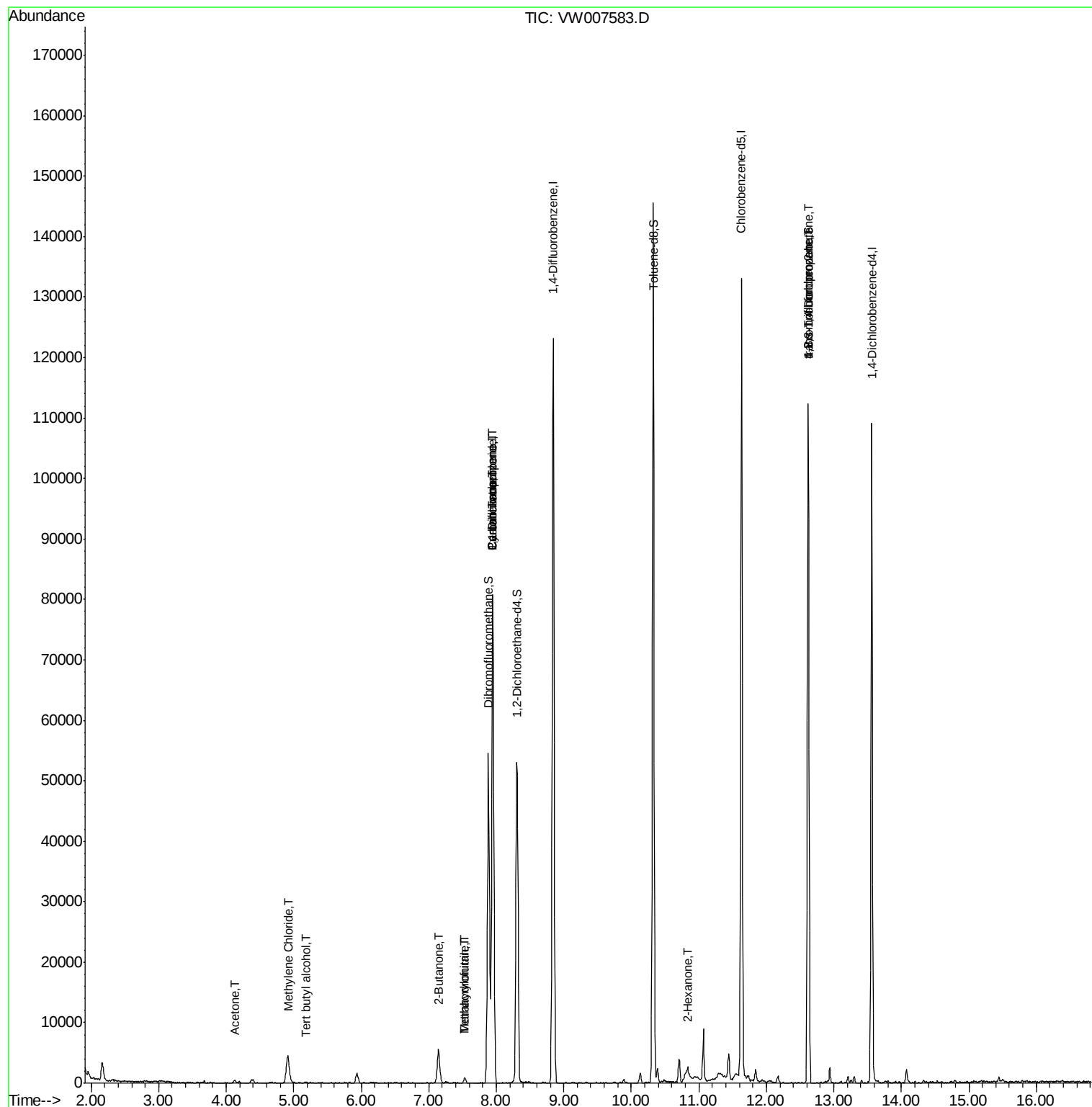
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	192	4.249	ug/l #	74
16) Acetone	4.12	43	898	7.813	ug/l	92
20) Methylene Chloride	4.92	84	3822	2.347	ug/l	92
25) 2-Butanone	7.14	43	301	2.006	ug/l #	45
29) Tetrahydrofuran	7.54	42	628	6.611	ug/l #	89
31) Cyclohexane	7.95	56	1291	1.263	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	4503	4.555	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6612	6.147	ug/l #	16
41) Methacrylonitrile	7.53	41	325	1.552	ug/l #	31
59) 2-Hexanone	10.83	43	612	2.675	ug/l	68
76) 1,2,3-Trichloropropane	12.62	75	19006	79.321	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	19006	175.221	ug/l #	7

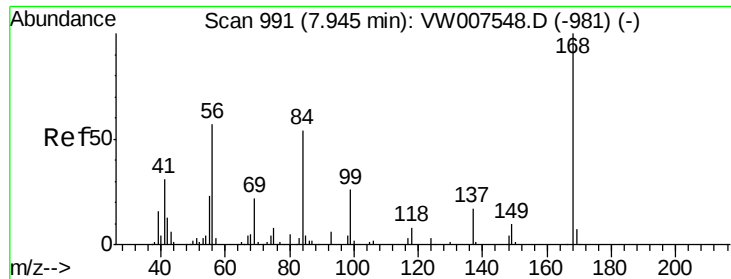
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
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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: VW007583.D

Acq: 15 Dec 2018 15:44

Instrument :

MSVOA_W

ClientSampleId :

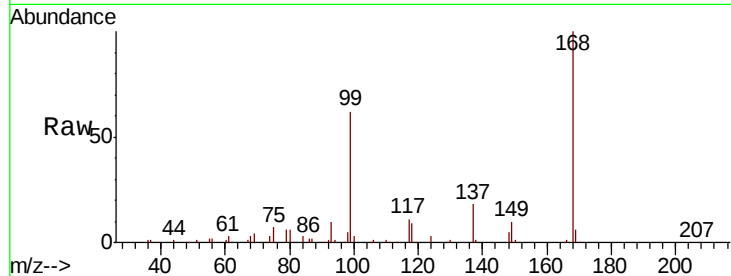
P001-SS004-0002-01

Tgt Ion:168 Resp: 59309

Ion Ratio Lower Upper

168 100

99 62.2 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

30000

25000

20000

15000

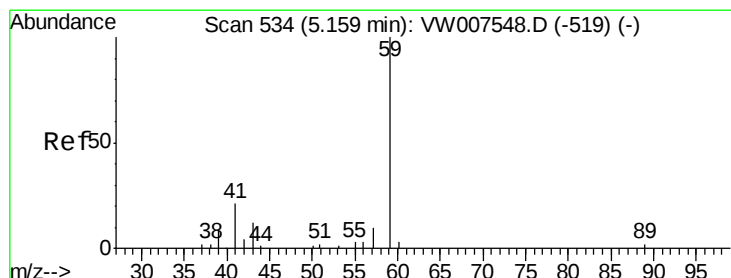
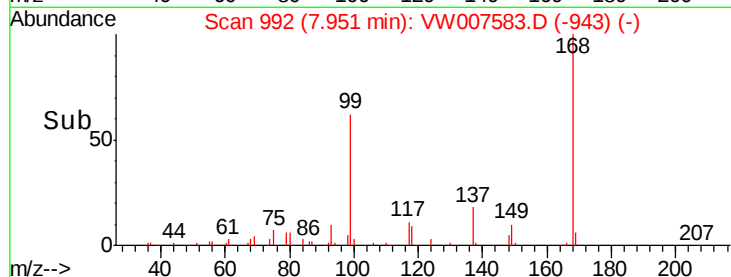
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5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 4.249 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007583.D

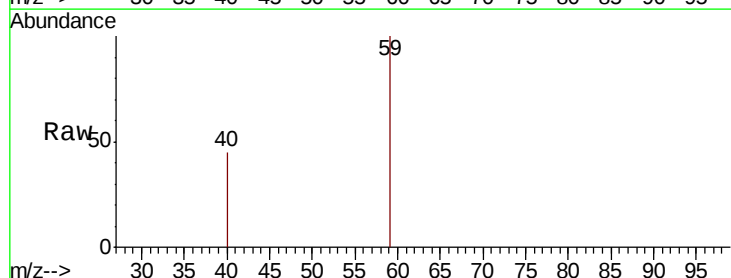
Acq: 15 Dec 2018 15:44

Tgt Ion: 59 Resp: 192

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

5.18

150

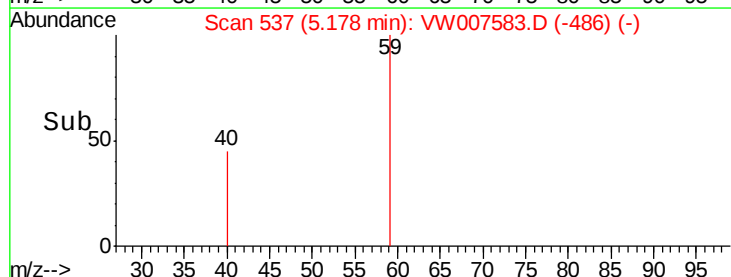
100

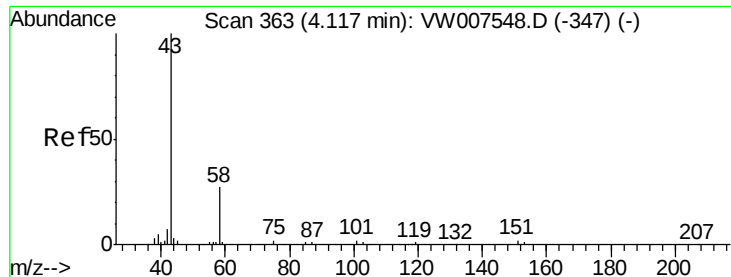
50

0

5.16 5.18 5.20 5.22

Time-->





#16

Acetone

Concen: 7.813 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007583.D

Acq: 15 Dec 2018 15:44

Instrument :

MSVOA_W

ClientSampleId :

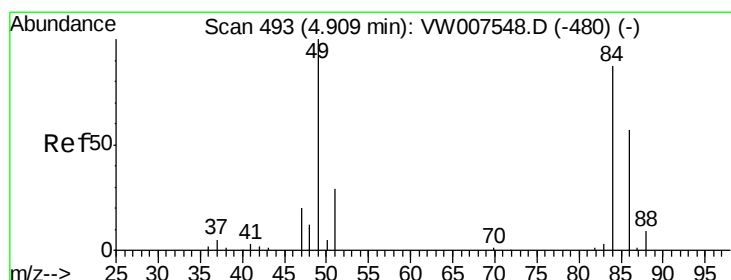
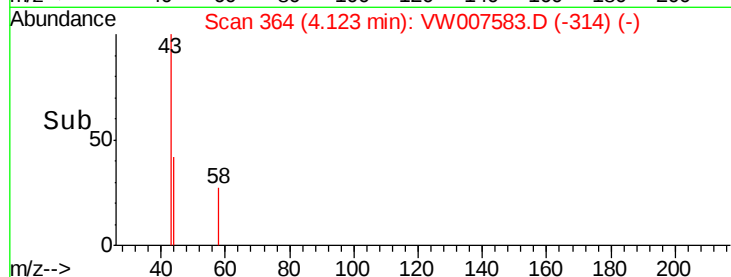
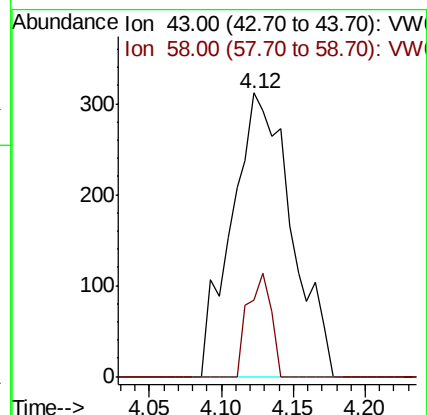
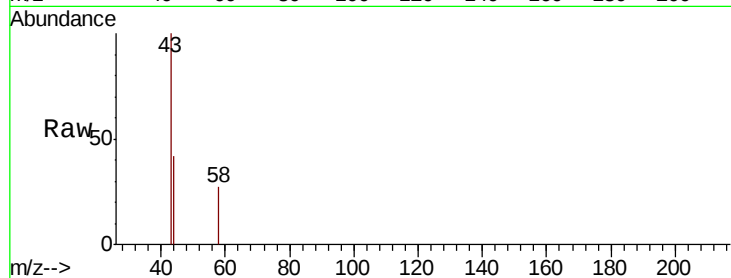
P001-SS004-0002-01

Tgt Ion: 43 Resp: 898

Ion Ratio Lower Upper

43 100

58 26.9 24.9 37.3



#20

Methylene Chloride

Concen: 2.347 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007583.D

Acq: 15 Dec 2018 15:44

Tgt Ion: 84 Resp: 3822

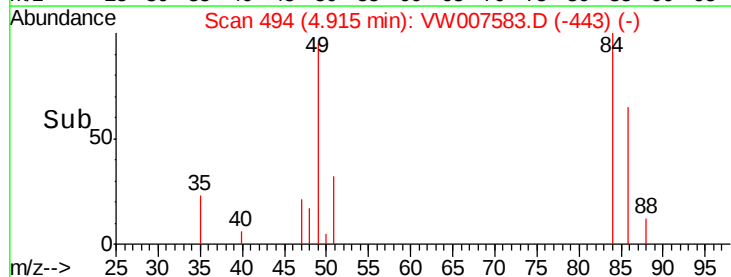
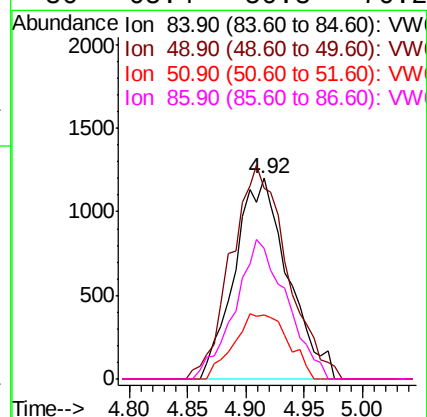
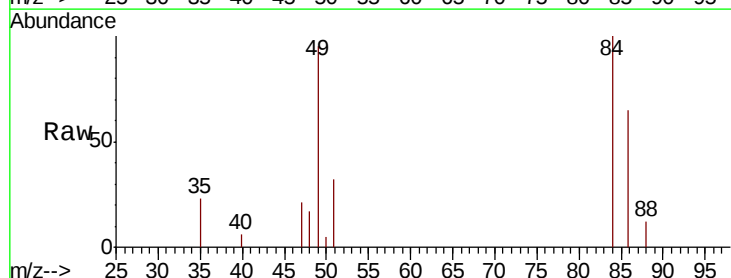
Ion Ratio Lower Upper

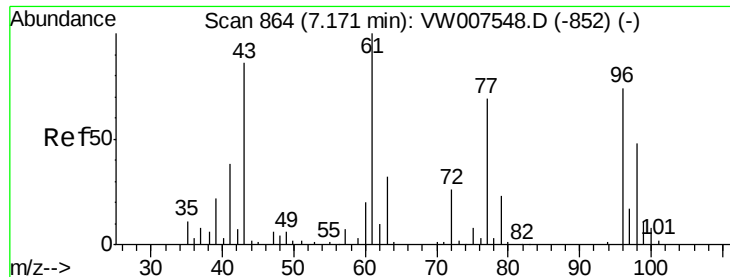
84 100

49 95.3 87.1 130.7

51 31.8 28.2 42.2

86 65.4 50.8 76.2

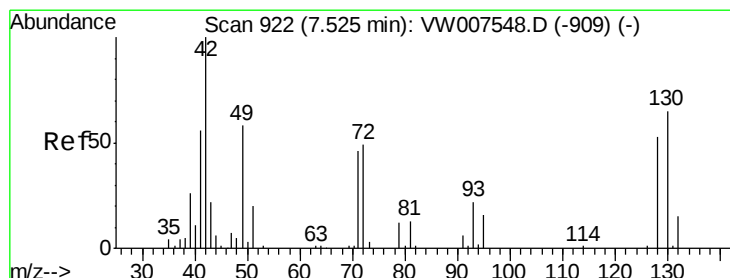
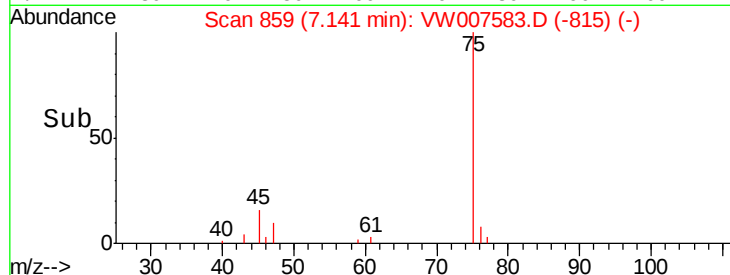
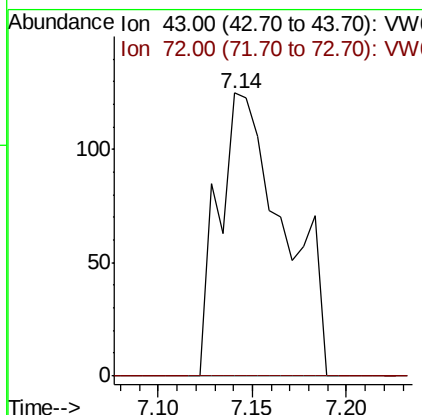
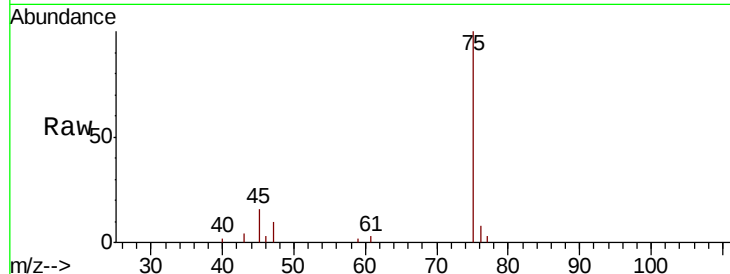




#25
2-Butanone
Concen: 2.006 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW007583.D
Acq: 15 Dec 2018 15:44

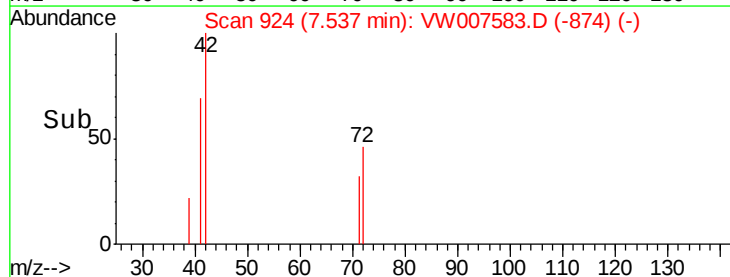
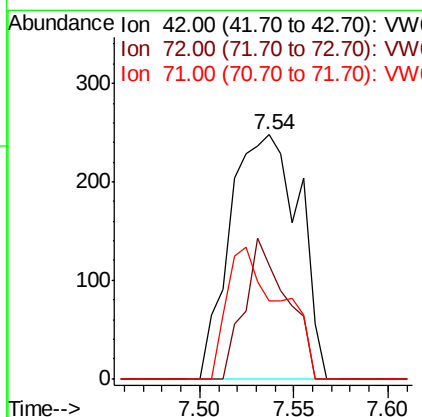
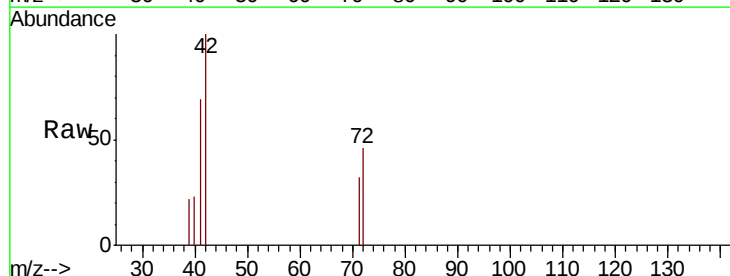
Instrument :
MSVOA_W
ClientSampleId :
P001-SS004-0002-01

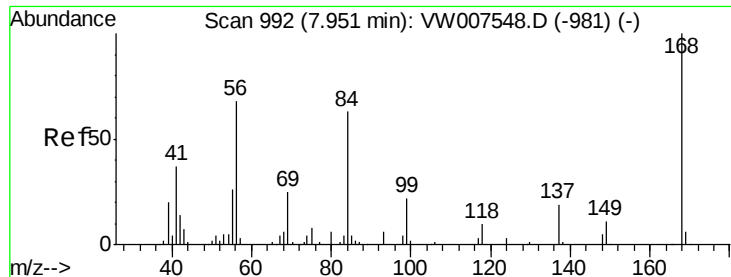
Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#



#29
Tetrahydrofuran
Concen: 6.611 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW007583.D
Acq: 15 Dec 2018 15:44

Tgt Ion: 42 Resp: 628
Ion Ratio Lower Upper
42 100
72 35.5 38.2 57.4#
71 42.4 35.5 53.3

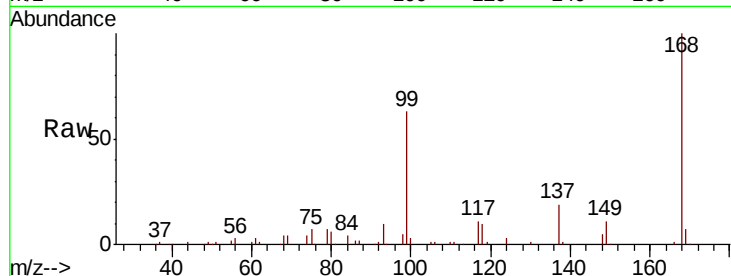




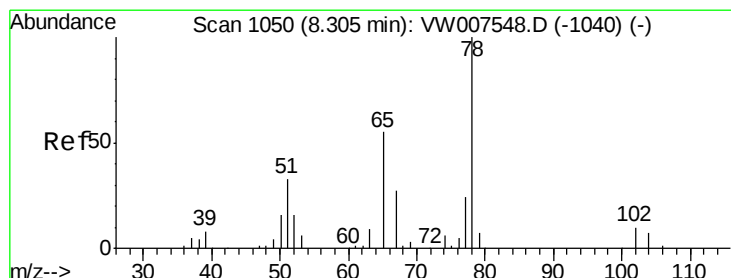
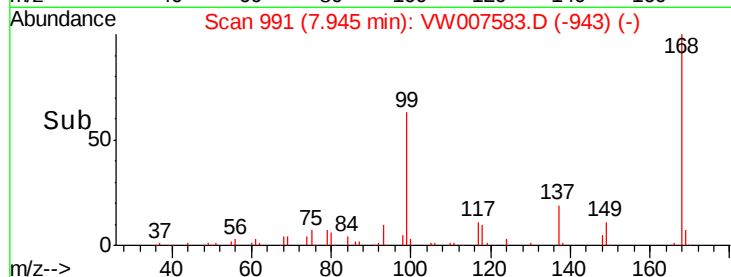
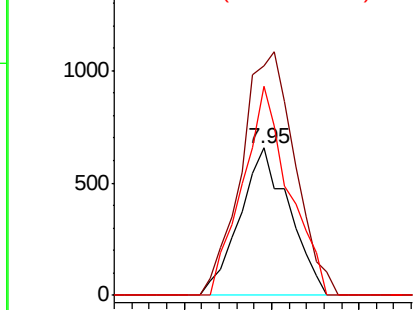
#31
Cyclohexane
Concen: 1.263 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007583.D
Acq: 15 Dec 2018 15:44

Instrument :
MSVOA_W
ClientSampleId :
P001-SS004-0002-01

Tgt Ion: 56 Resp: 1291
Ion Ratio Lower Upper
56 100
69 155.6 28.9 43.3#
84 141.5 71.8 107.6#

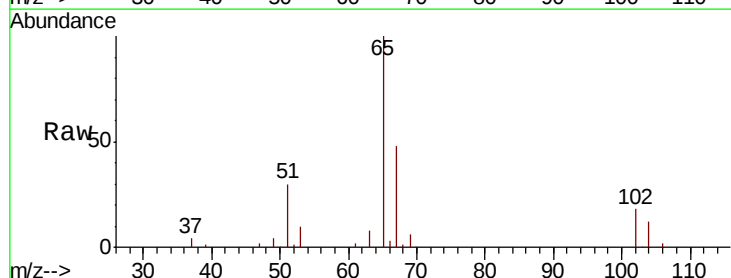


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

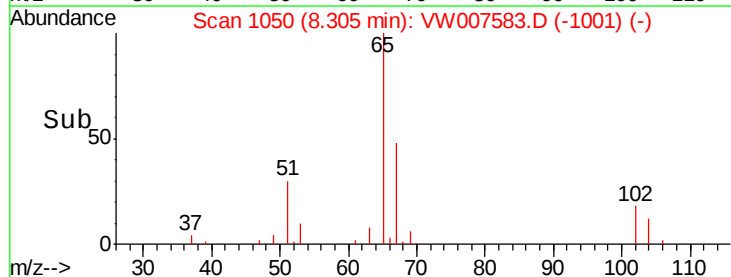
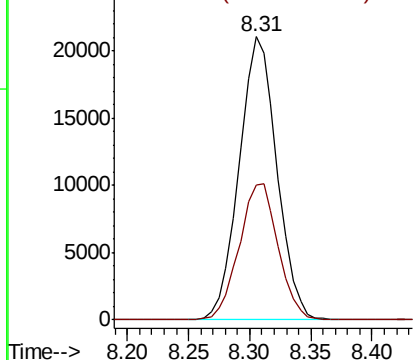


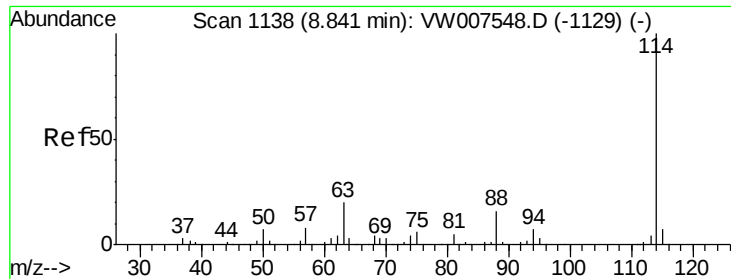
#33
1,2-Dichloroethane-d4
Concen: 68.470 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007583.D
Acq: 15 Dec 2018 15:44

Tgt Ion: 65 Resp: 45052
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.6



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

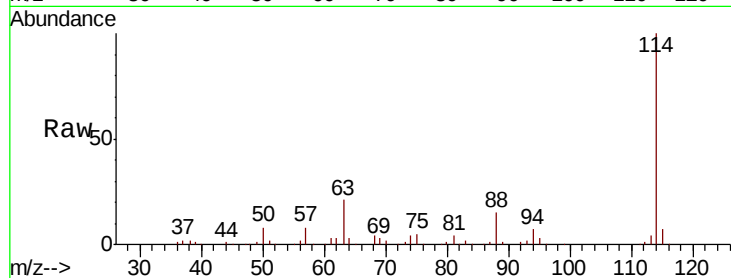




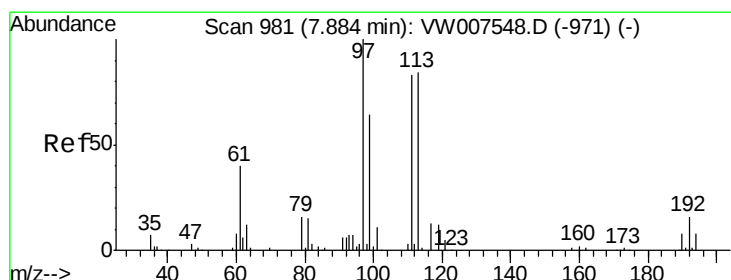
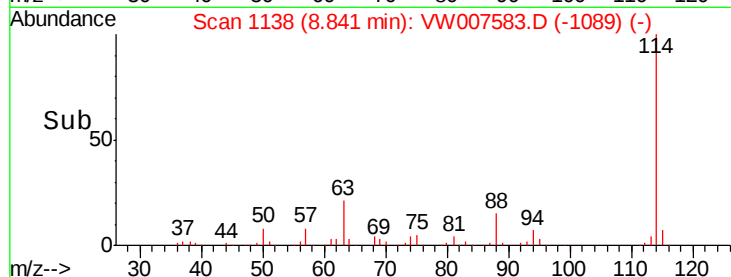
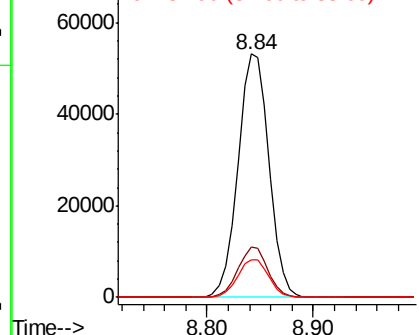
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007583.D
 Acq: 15 Dec 2018 15:44

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0002-01

Tgt Ion:114 Resp: 108368
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 15.2 0.0 31.4

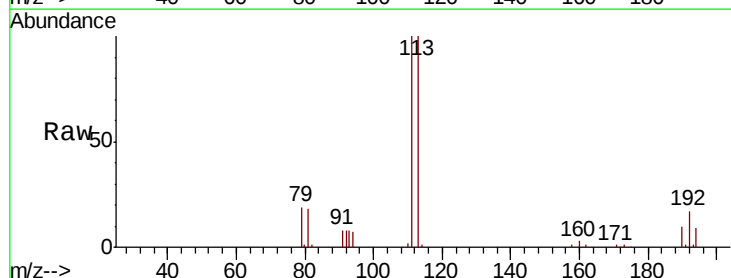


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

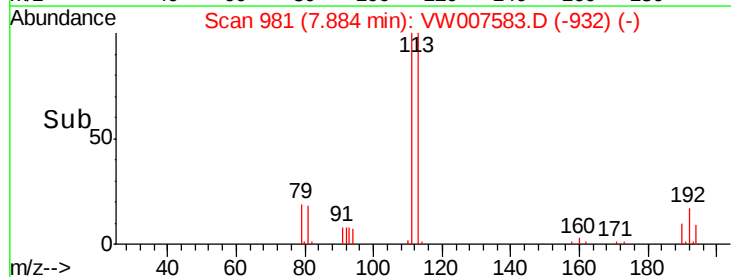
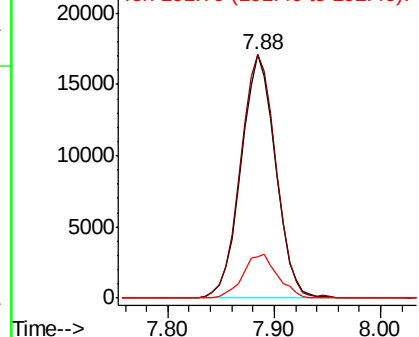


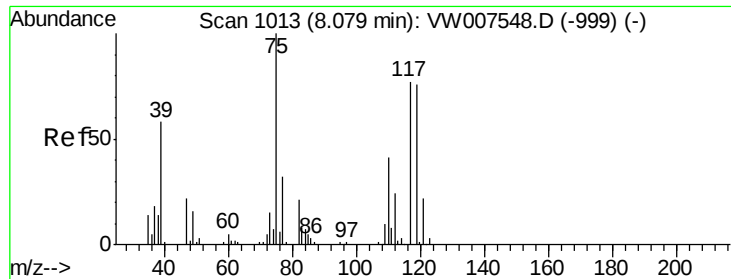
#35
 Dibromofluoromethane
 Concen: 59.427 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007583.D
 Acq: 15 Dec 2018 15:44

Tgt Ion:113 Resp: 38984
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.1 121.7
 192 17.8 14.6 21.8



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

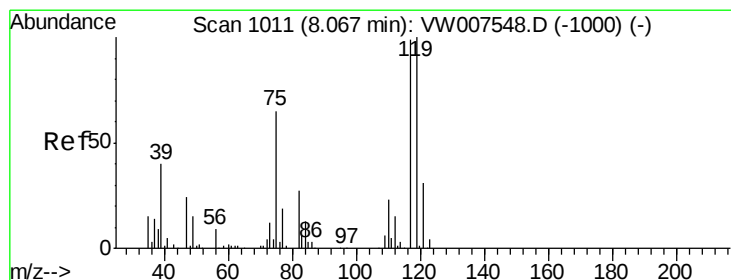
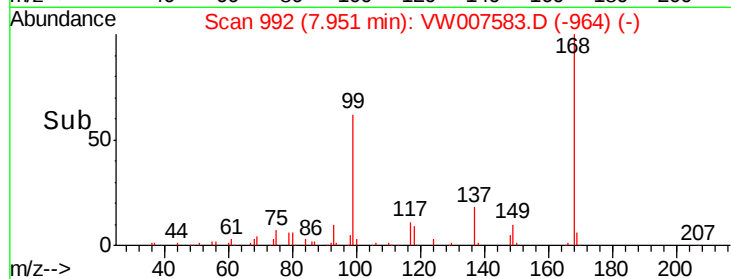
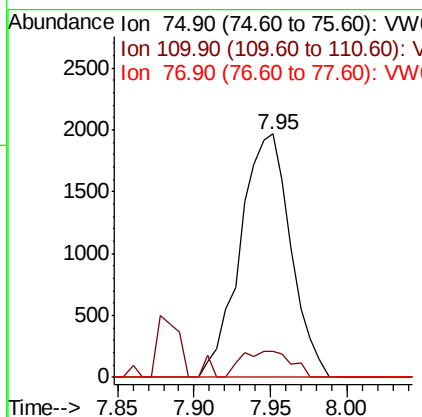
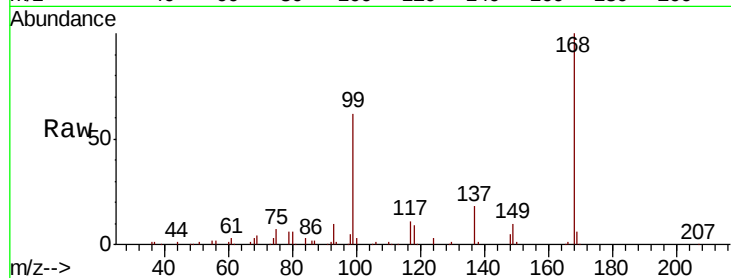




#36
 1,1-Dichloropropene
 Concen: 4.555 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007583.D
 Acq: 15 Dec 2018 15:44

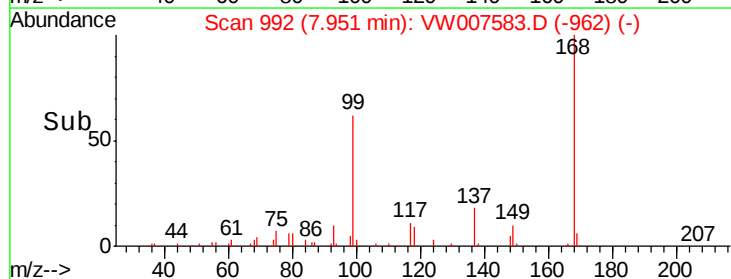
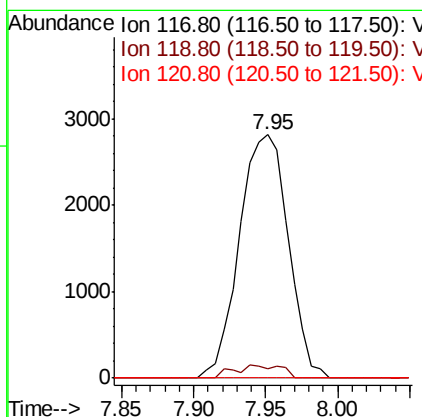
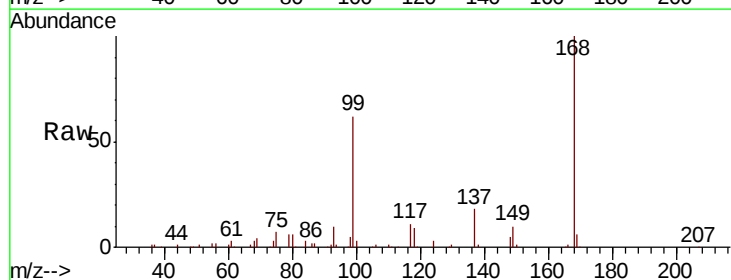
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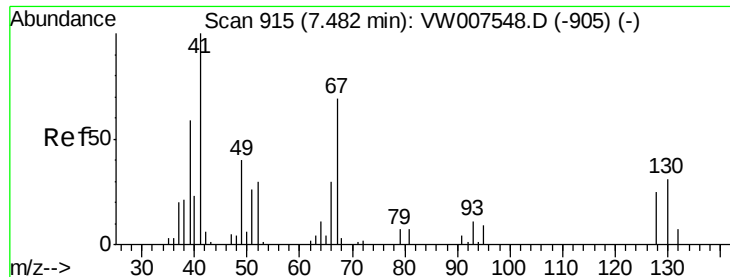
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.147 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007583.D
 Acq: 15 Dec 2018 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	74.3	111.5#
121	0.0	24.3	36.5#





#41

Methacrylonitrile

Concen: 1.552 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW007583.D

Acq: 15 Dec 2018 15:44

Instrument :

MSVOA_W

ClientSampleId :

P001-SS004-0002-01

Tgt Ion: 41 Resp: 325

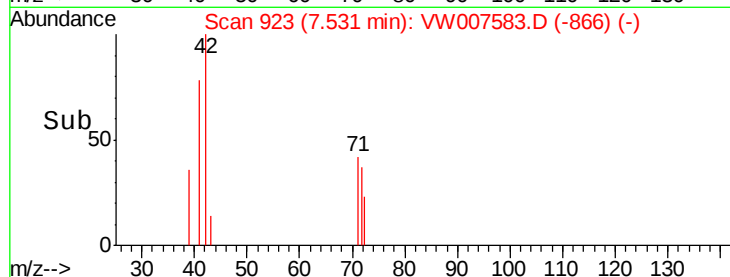
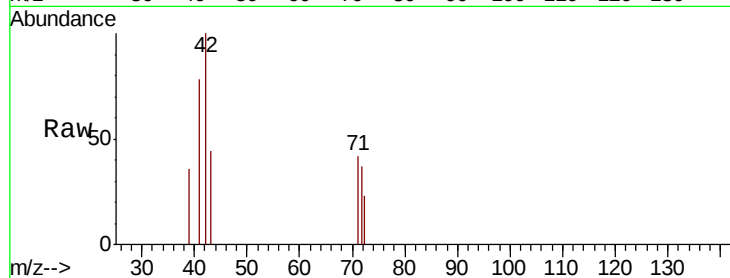
Ion Ratio Lower Upper

41 100

39 23.7 52.2 78.2#

67 0.0 60.5 90.7#

52 0.0 25.3 37.9#

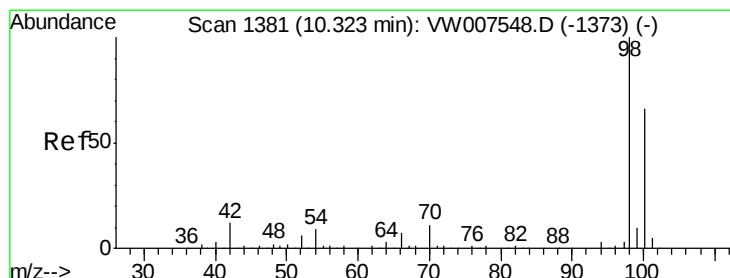
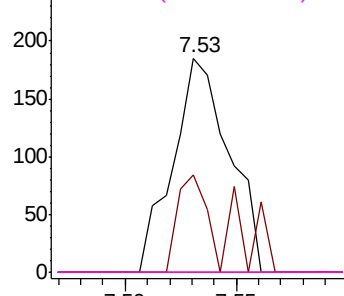


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#50

Toluene-d8

Concen: 40.169 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007583.D

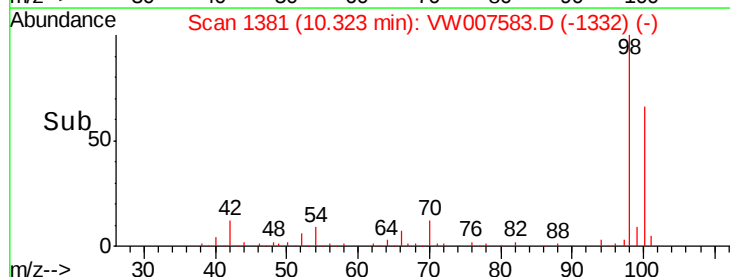
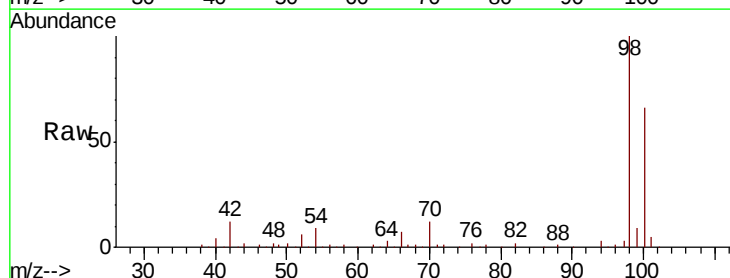
Acq: 15 Dec 2018 15:44

Tgt Ion: 98 Resp: 98801

Ion Ratio Lower Upper

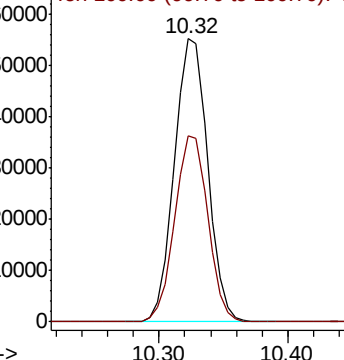
98 100

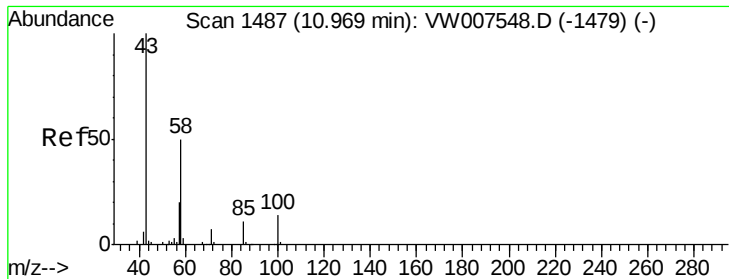
100 65.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

2-Hexanone

Concen: 2.675 ug/l

RT: 10.83 min Scan# 1464

Delta R.T. -0.14 min

Lab File: VW007583.D

Acq: 15 Dec 2018 15:44

Instrument :

MSVOA_W

ClientSampleId :

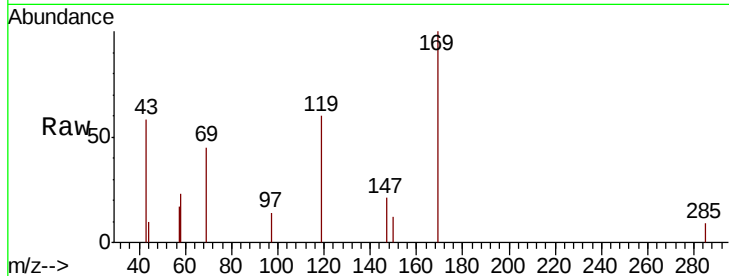
P001-SS004-0002-01

Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

58 31.4 27.1 81.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.83

300

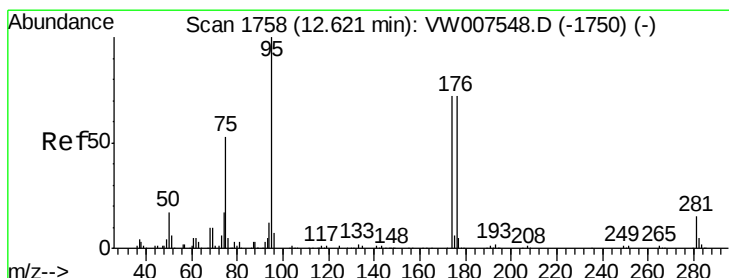
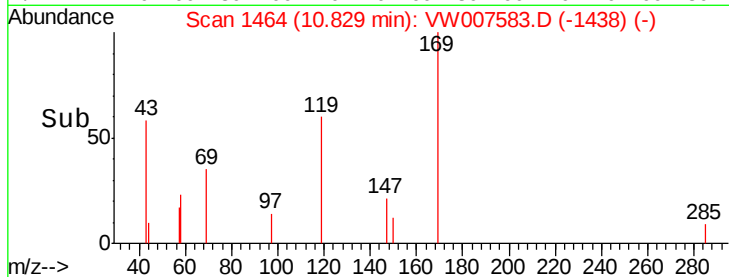
200

100

0

10.80 10.85

Time-->



#62

4-Bromofluorobenzene

Concen: 40.260 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007583.D

Acq: 15 Dec 2018 15:44

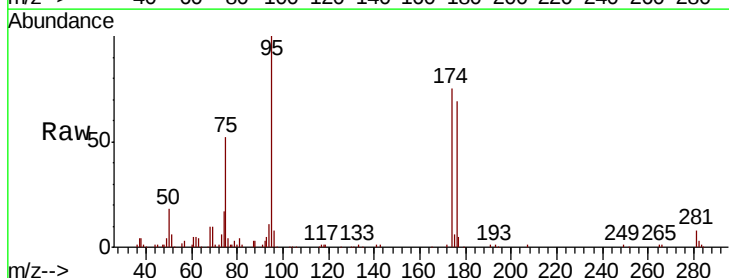
Tgt Ion: 95 Resp: 36409

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.2

176 72.3 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

30000

25000

20000

15000

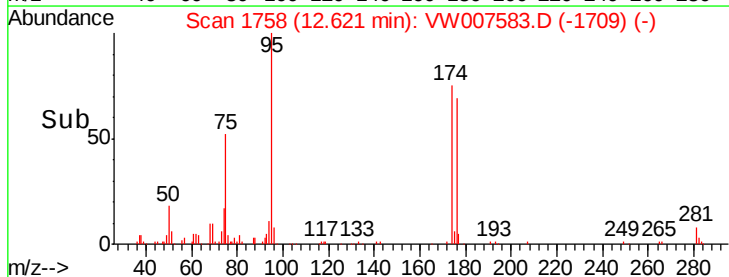
10000

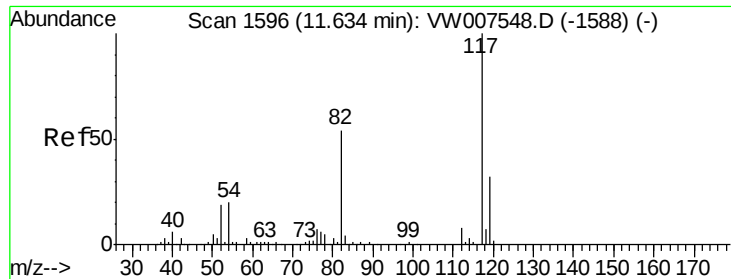
5000

0

12.55 12.60 12.65 12.70

Time-->

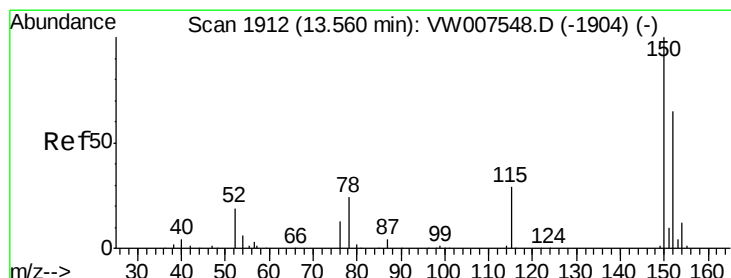
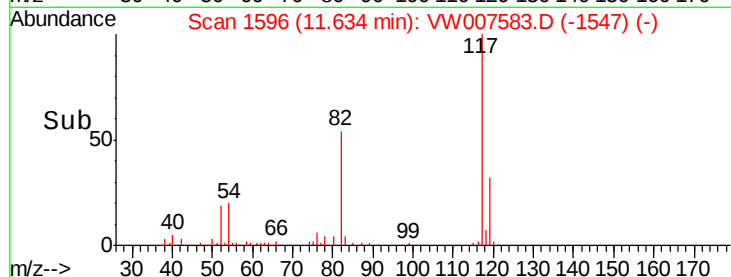
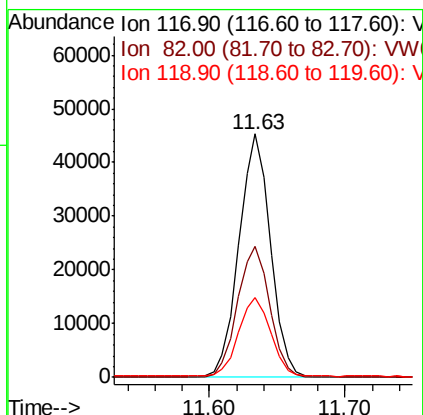
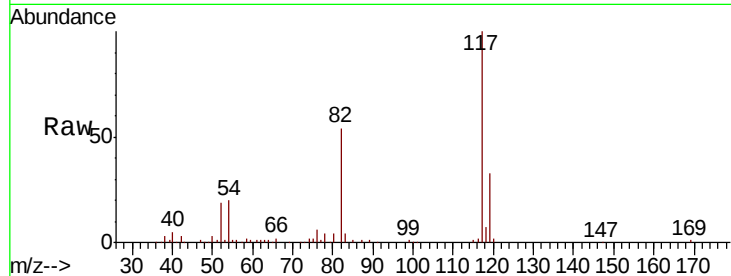




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007583.D
Acq: 15 Dec 2018 15:44

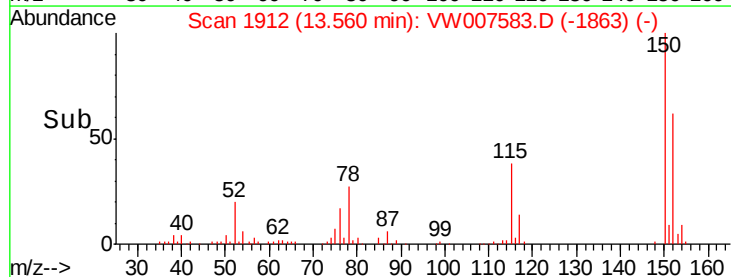
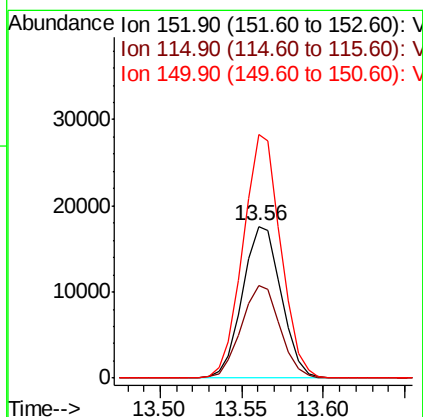
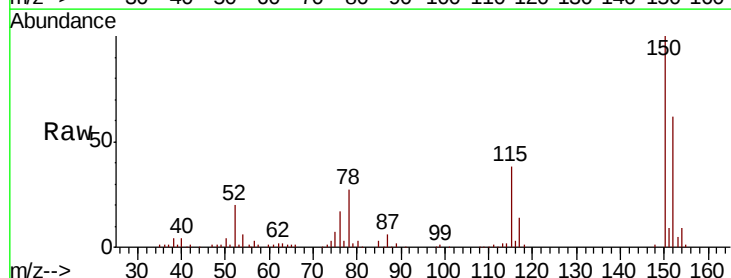
Instrument :
MSVOA_W
ClientSampleId :
P001-SS004-0002-01

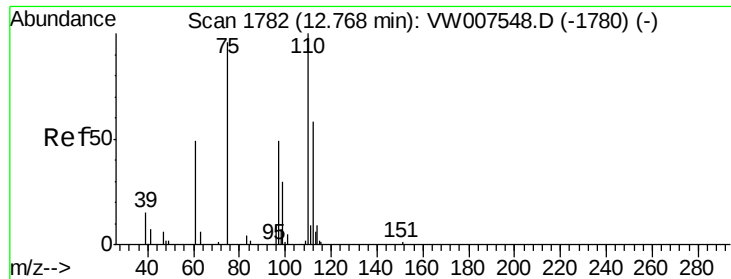
Tgt Ion:117 Resp: 73294
Ion Ratio Lower Upper
117 100
82 54.0 42.3 63.5
119 32.6 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007583.D
Acq: 15 Dec 2018 15:44

Tgt Ion:152 Resp: 29060
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.2
150 156.7 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 79.321 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007583.D

Acq: 15 Dec 2018 15:44

Instrument :

MSVOA_W

ClientSampleId :

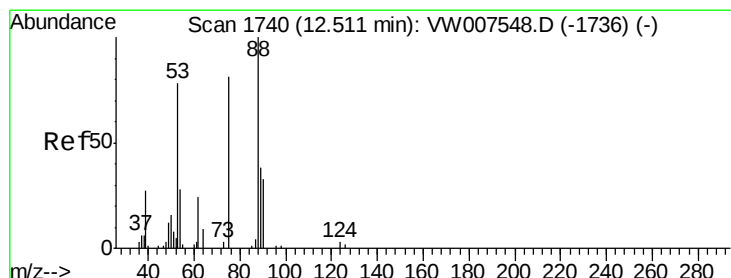
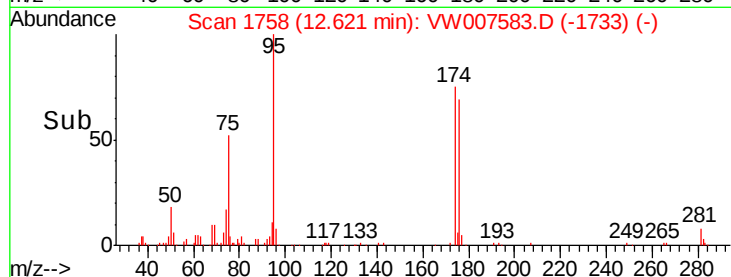
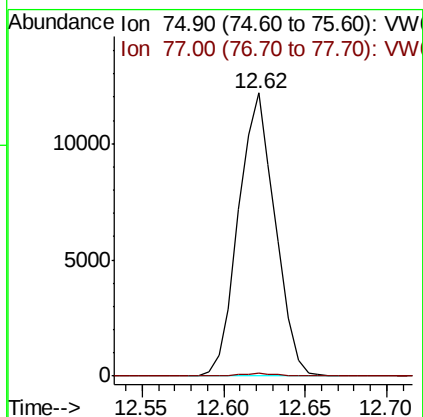
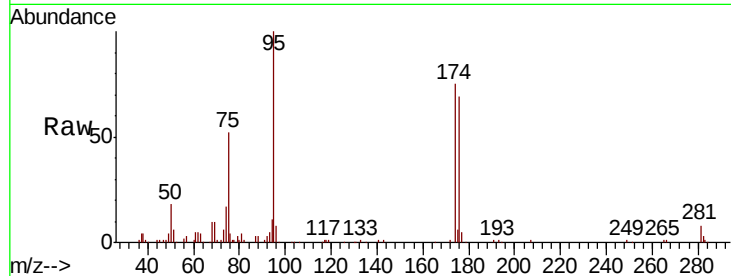
P001-SS004-0002-01

Tgt Ion: 75 Resp: 19006

Ion Ratio Lower Upper

75 100

77 0.9 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 175.221 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007583.D

Acq: 15 Dec 2018 15:44

Tgt Ion: 75 Resp: 19006

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

