

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004324.D
 Acq On : 29 Jul 2018 19:57
 Operator : SY/AP
 Sample : J4095-08RE
 Misc : 12.46G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:34:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	142636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	215730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96237	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	78293	54.42	ug/l	0.00
Spiked Amount			Recovery	=	108.84%	
35) Dibromofluoromethane	7.88	113	68362	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	10.33	98	214421	39.80	ug/l	0.00
Spiked Amount			Recovery	=	79.60%	
62) 4-Bromofluorobenzene	12.63	95	81594	43.01	ug/l	0.00
Spiked Amount			Recovery	=	86.02%	

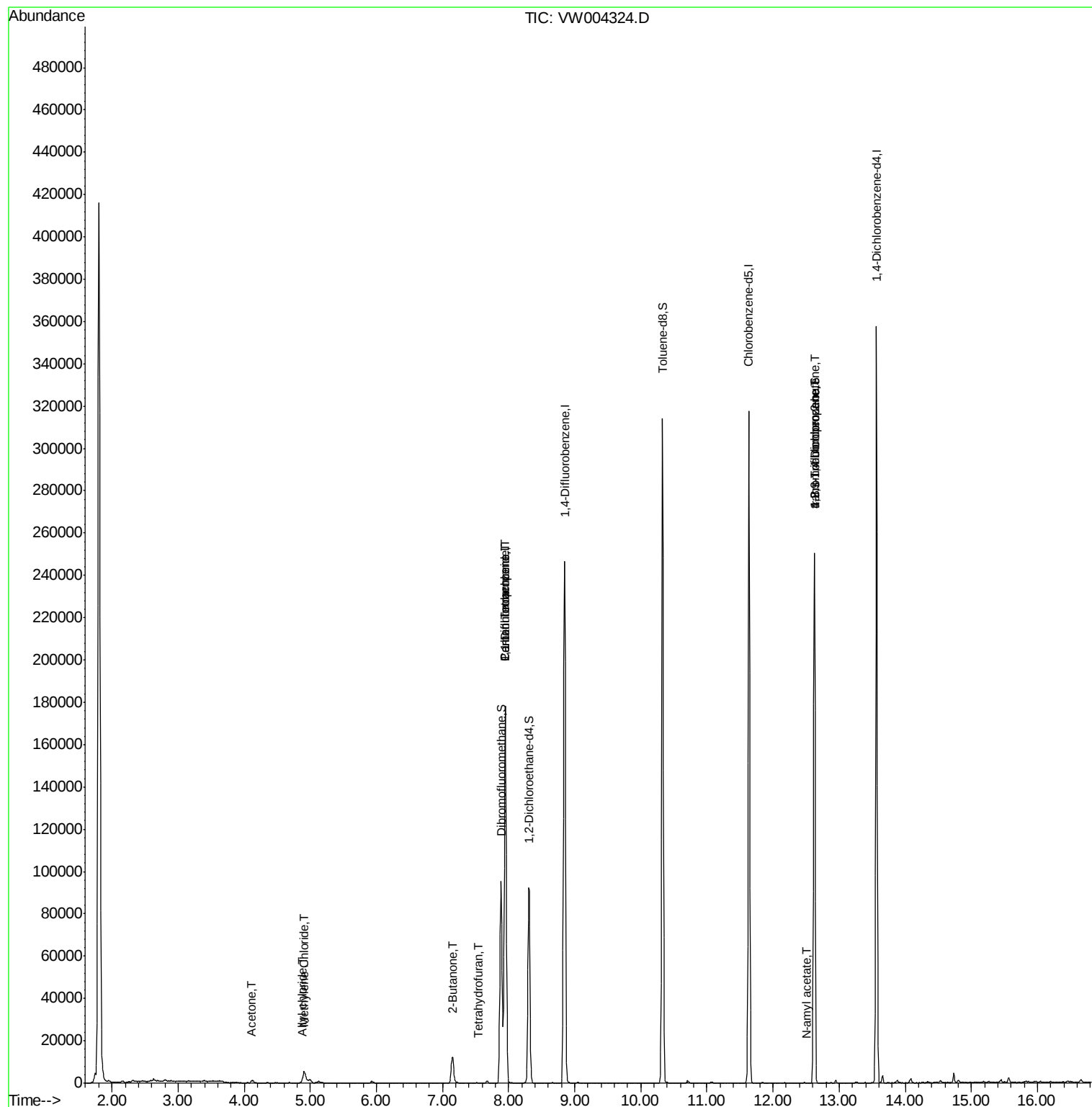
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.46	50	24	Below Cal	#	44
8) Diethyl Ether	3.67	74	52	Below Cal		80
11) Tert butyl alcohol	5.18	59	176	Below Cal	#	72
14) Allyl chloride	4.87	41	22	1.520	ug/l #	25
16) Acetone	4.12	43	2180	19.185	ug/l	91
20) Methylene Chloride	4.91	84	4937	2.103	ug/l #	74
25) 2-Butanone	7.15	43	680	1.702	ug/l	96
29) Tetrahydrofuran	7.54	42	71	2.915	ug/l #	35
36) 1,1-Dichloropropene	7.95	75	9119	4.225	ug/l #	51
38) Carbon Tetrachloride	7.95	117	12755	5.985	ug/l #	15
74) N-amyl acetate	12.52	43	21	1.887	ug/l #	42
76) 1,2,3-Trichloropropane	12.62	75	39846	45.367	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	39846	105.563	ug/l #	11

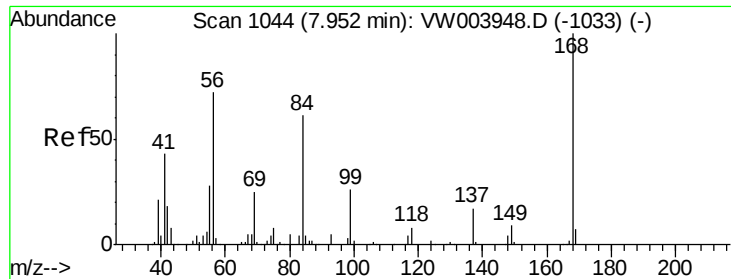
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004324.D
Acq On : 29 Jul 2018 19:57
Operator : SY/AP
Sample : J4095-08RE
Misc : 12.46G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 30 04:34:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

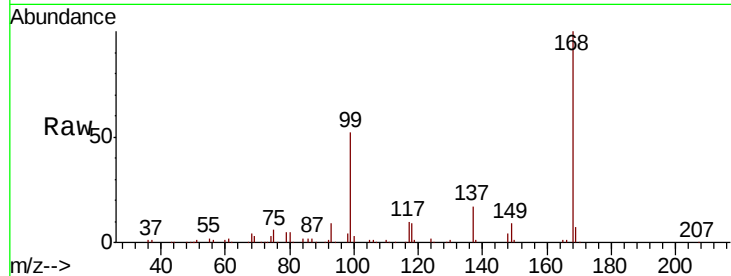
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 142636

Ion Ratio Lower Upper

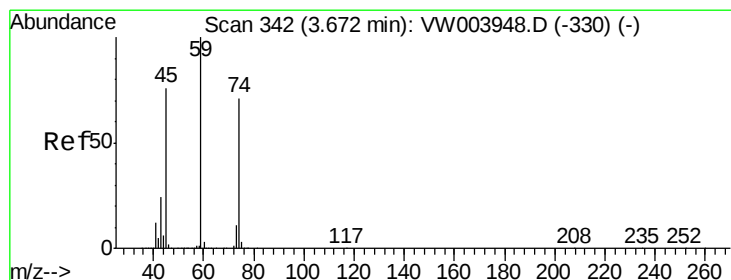
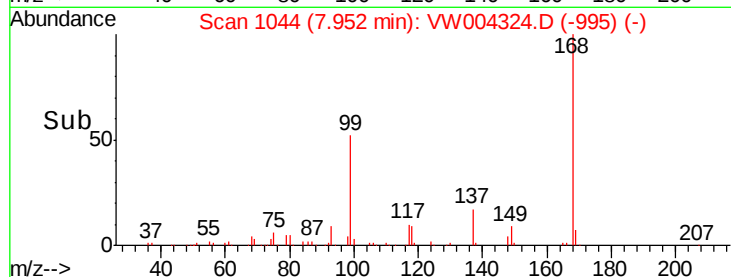
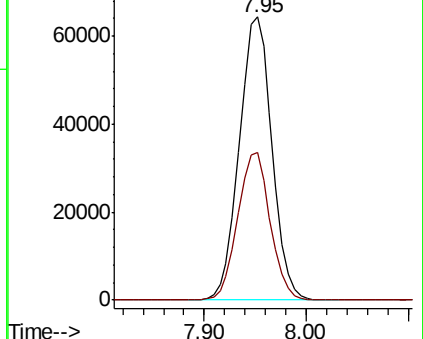
168 100

99 52.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: Below Cal

RT: 3.67 min Scan# 342

Delta R.T. 0.00 min

Lab File: VW004324.D

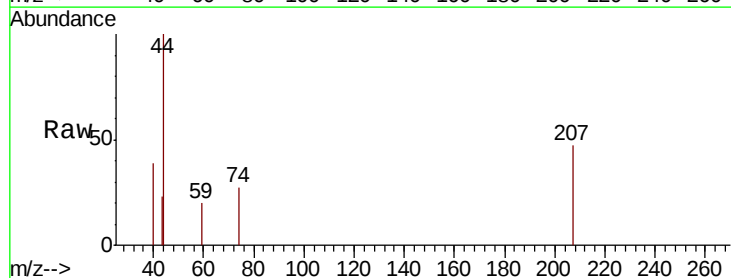
Acq: 29 Jul 2018 19:57

Tgt Ion: 74 Resp: 52

Ion Ratio Lower Upper

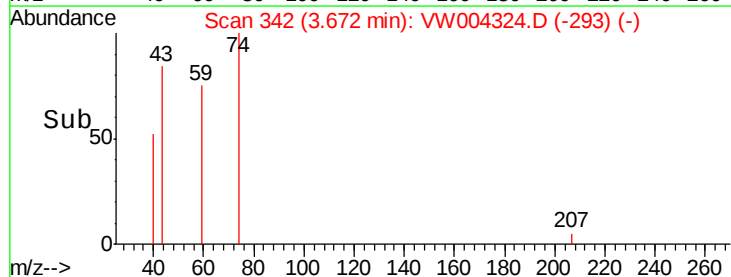
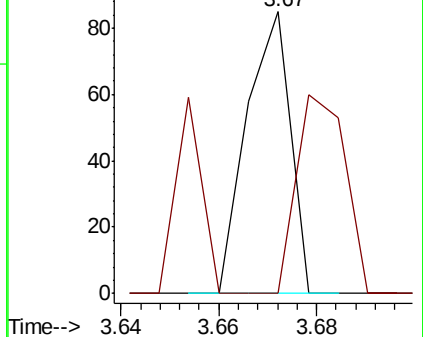
74 100

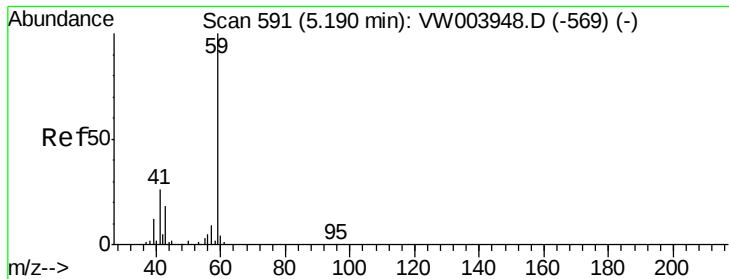
45 78.8 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



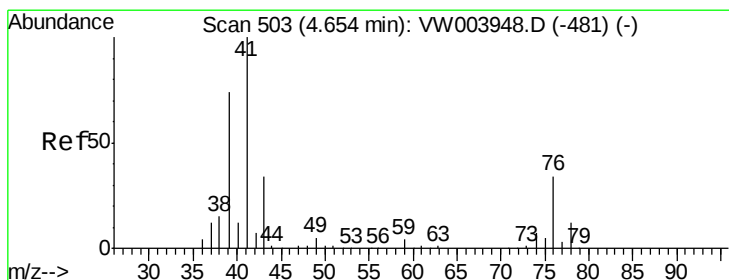
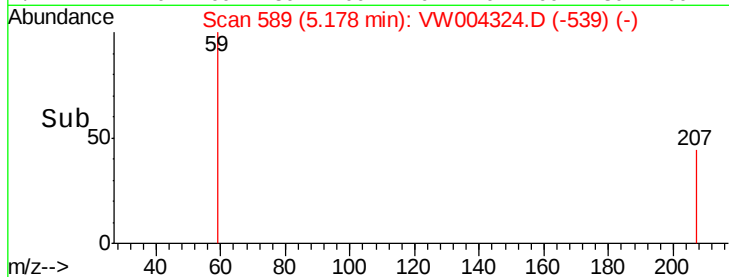
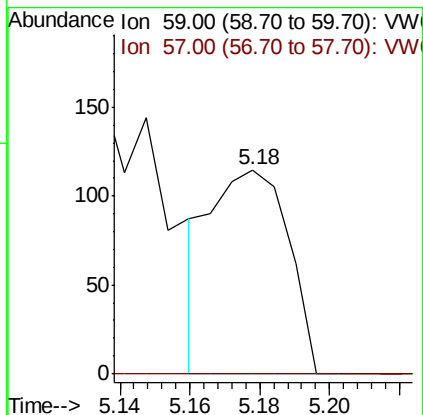
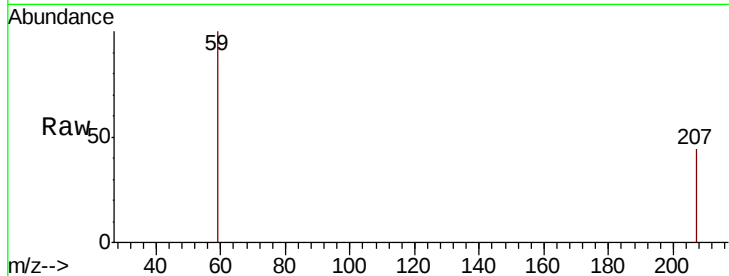


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.18 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VW004324.D
 Acq: 29 Jul 2018 19:57

Instrument :
 MSVOA_W
 ClientSampled :

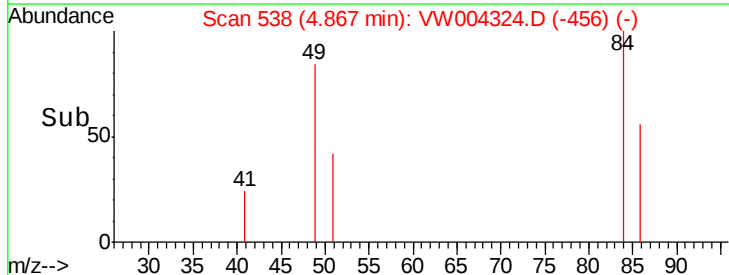
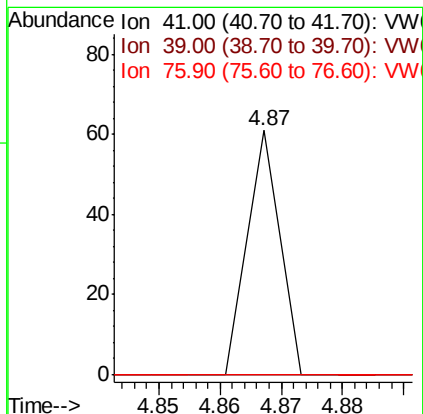
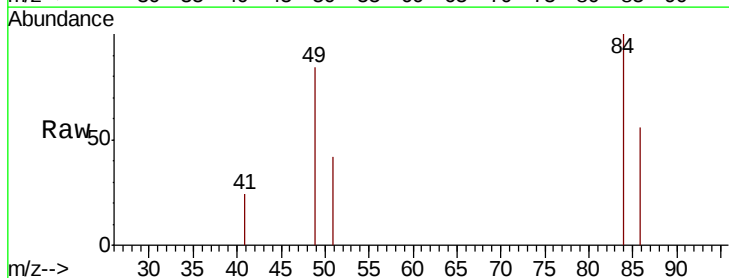
Tot Ion: 59 Resp: 176
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

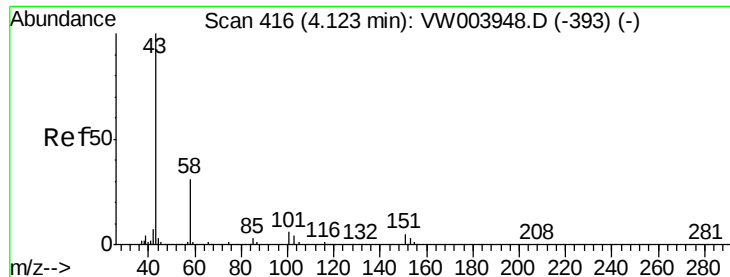


#14

Allyl chloride
 Concen: 1.520 ug/l
 RT: 4.87 min Scan# 538
 Delta R.T. 0.20 min
 Lab File: VW004324.D
 Acq: 29 Jul 2018 19:57

Tgt Ion: 41 Resp: 22
 Ion Ratio Lower Upper
 41 100
 39 0.0 52.3 78.5#
 76 0.0 27.3 40.9#





#16

Acetone

Concen: 19.185 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

Instrument :

MSVOA_W

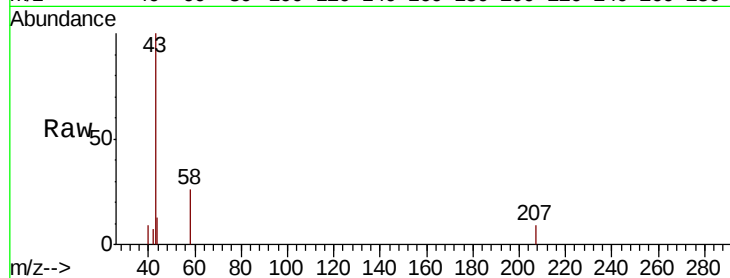
ClientSampleId :

Tot Ion: 43 Resp: 2180

Ion Ratio Lower Upper

43 100

58 25.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

600

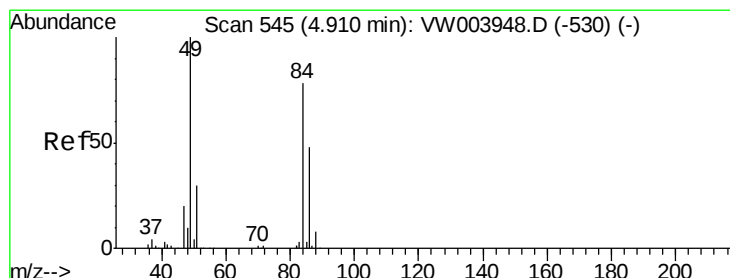
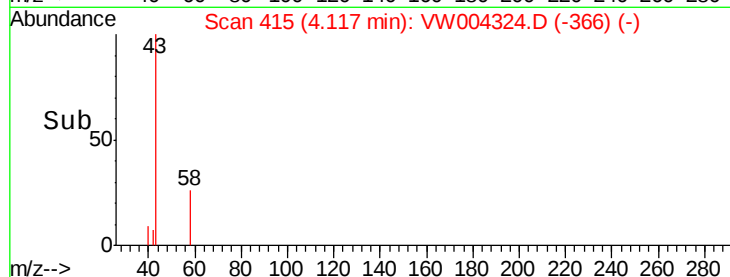
400

200

0

4.05 4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: 2.103 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

Tgt Ion: 84 Resp: 4937

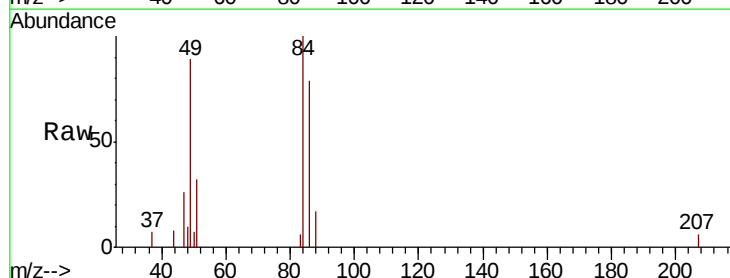
Ion Ratio Lower Upper

84 100

49 88.5 100.5 150.7#

51 31.6 30.9 46.3

86 78.8 50.2 75.4#



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

2500

2000

1500

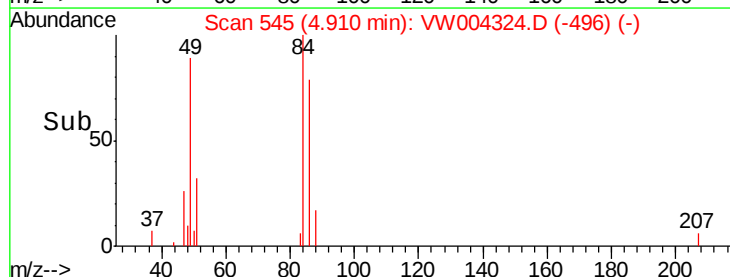
1000

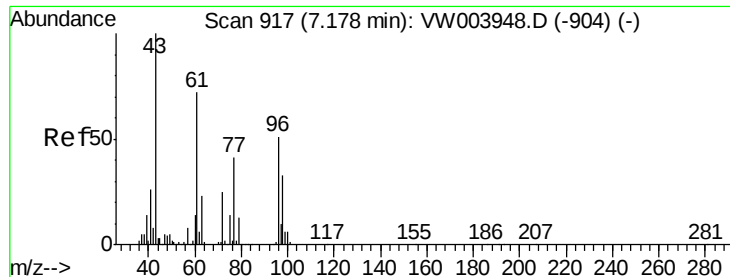
500

0

4.80 4.90 5.00

Time-->





#25

2-Butanone

Concen: 1.702 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

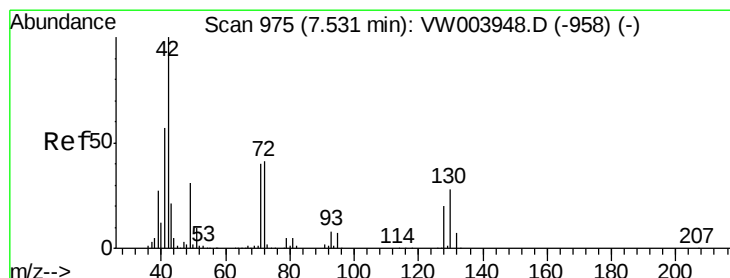
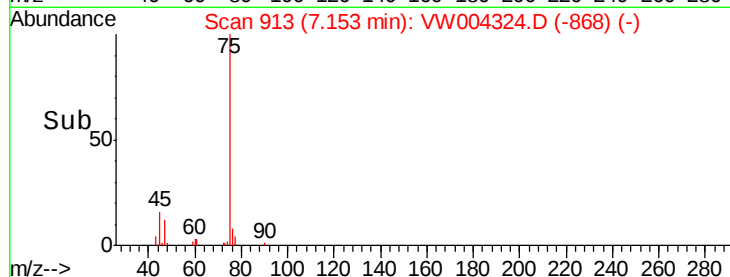
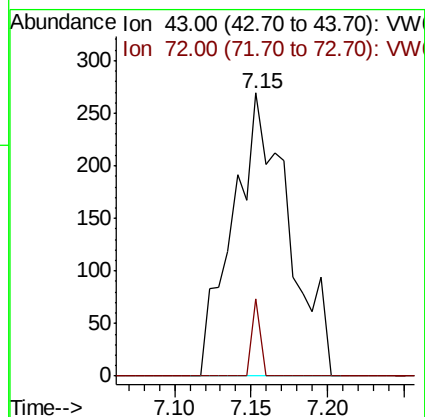
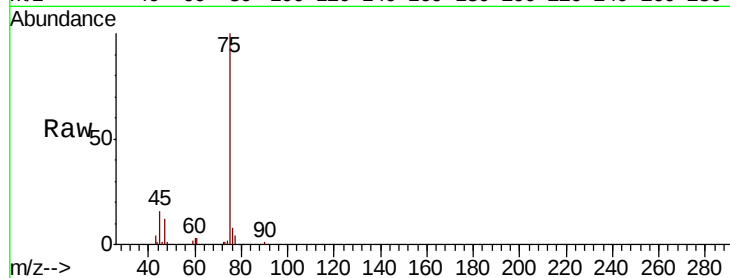
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 680

Ion Ratio Lower Upper

43 100

72 27.5 20.3 30.5



#29

Tetrahydrofuran

Concen: 2.915 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

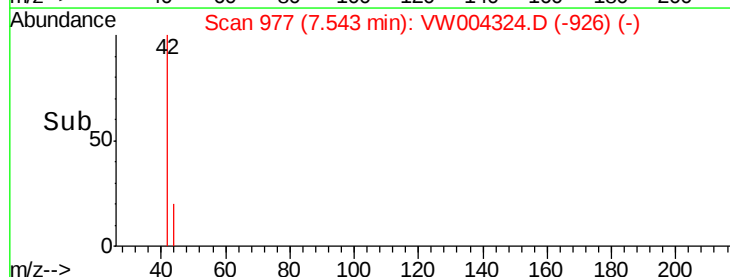
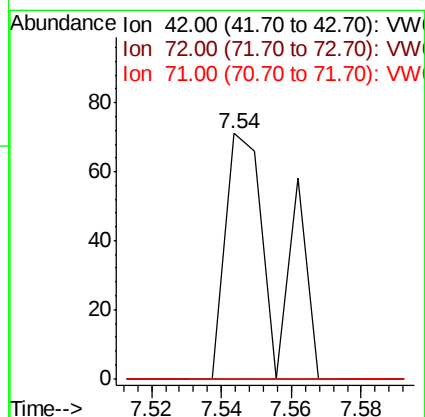
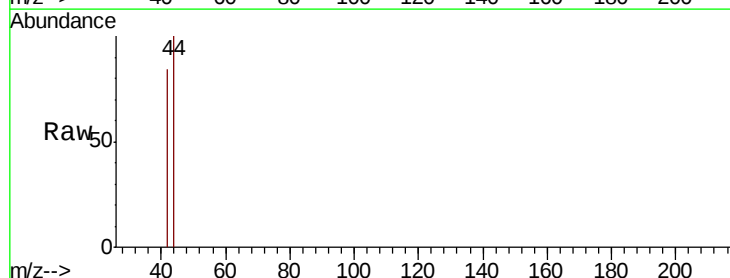
Tgt Ion: 42 Resp: 71

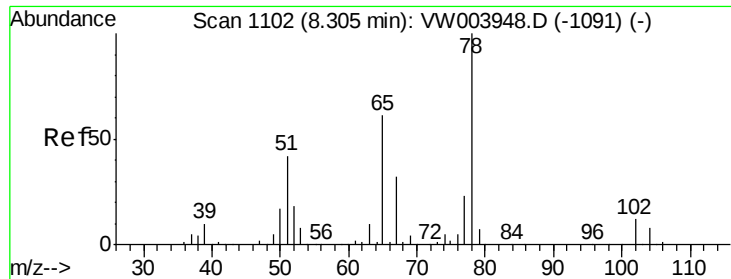
Ion Ratio Lower Upper

42 100

72 0.0 32.6 48.8#

71 0.0 31.3 46.9#

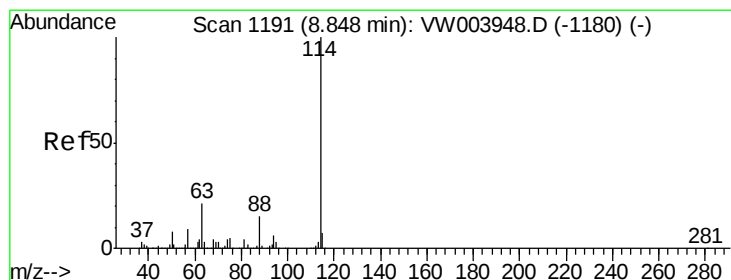
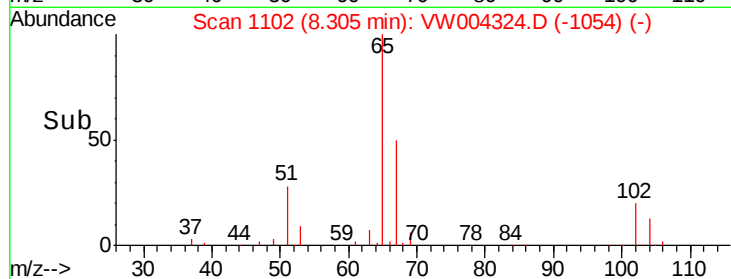
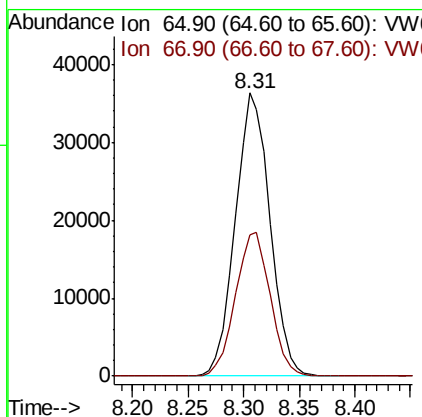
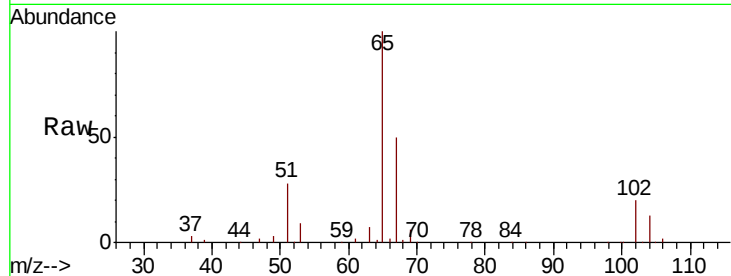




#33
 1,2-Dichloroethane-d4
 Concen: 54.415 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004324.D
 Acq: 29 Jul 2018 19:57

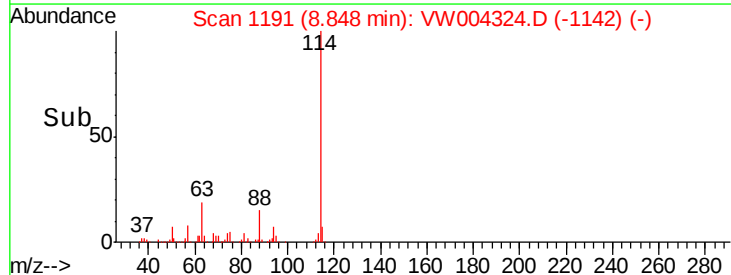
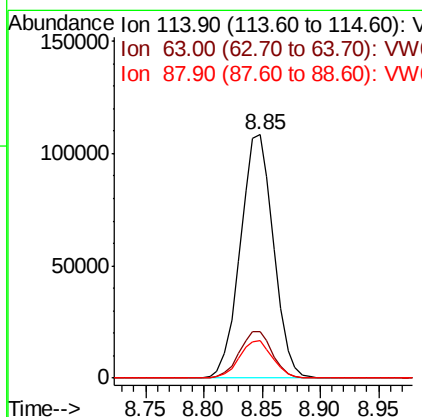
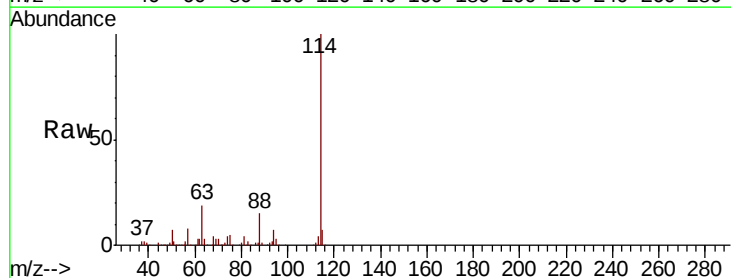
Instrument :
 MSVOA_W
 ClientSampleId :

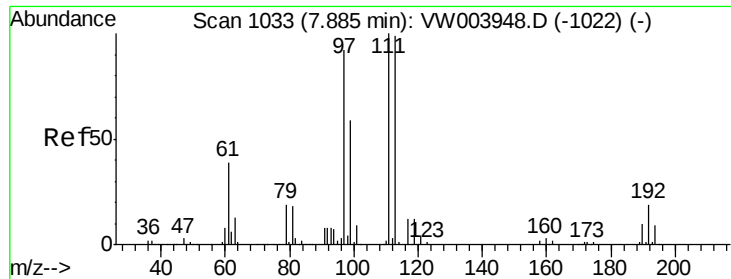
Tot Ion: 65 Resp: 78293
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004324.D
 Acq: 29 Jul 2018 19:57

Tgt Ion: 114 Resp: 215730
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.4
 88 15.4 0.0 30.6

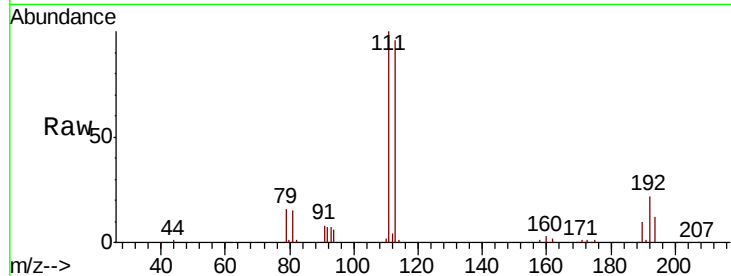




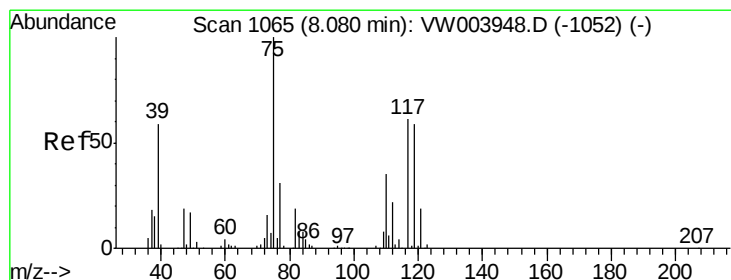
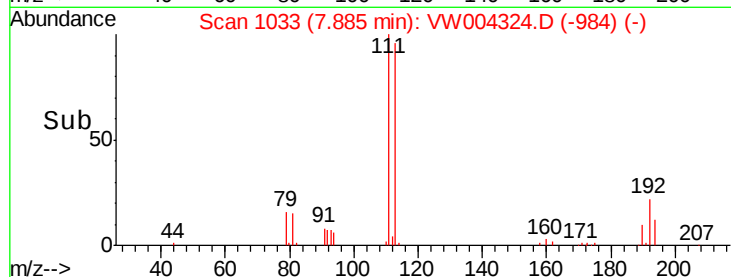
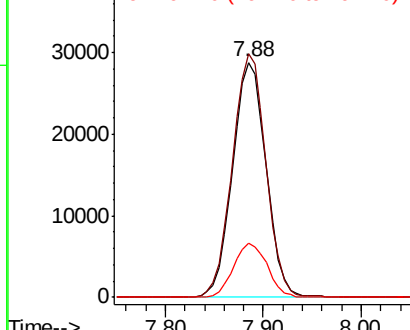
#35
 Dibromofluoromethane
 Concen: 50.144 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004324.D
 Acq: 29 Jul 2018 19:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 68362
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.1 123.1
 192 23.0 16.2 24.4

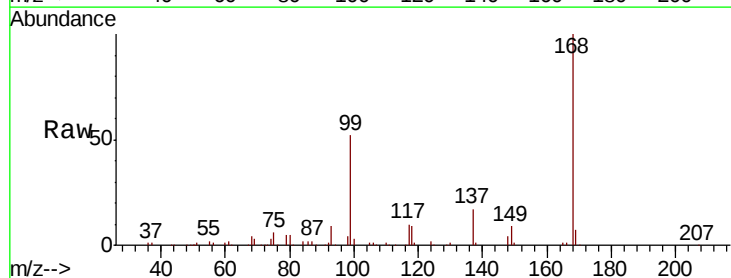


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

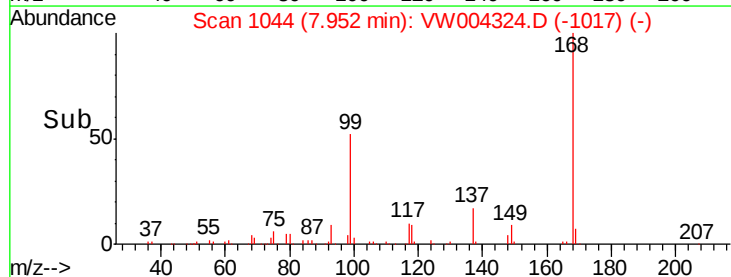
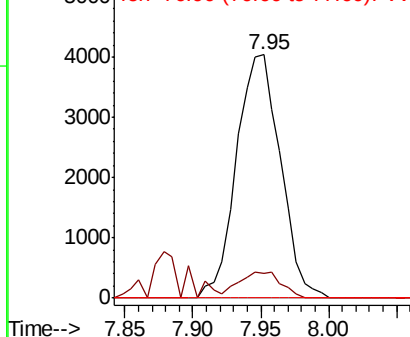


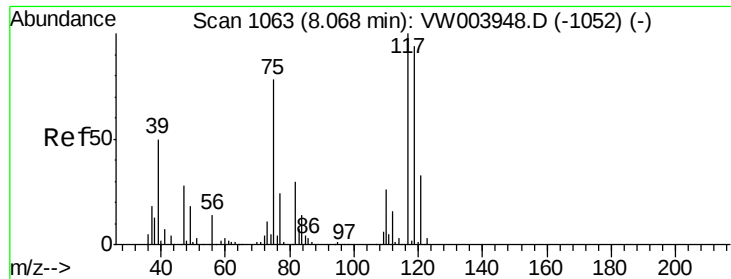
#36
 1,1-Dichloropropene
 Concen: 4.225 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004324.D
 Acq: 29 Jul 2018 19:57

Tgt Ion: 75 Resp: 9119
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.3 52.0#
 77 0.0 25.0 37.6#



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: 5.985 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampled :

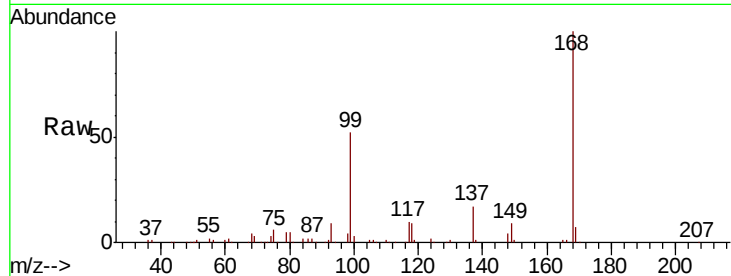
Tot Ion:117 Resp: 12755

Ion Ratio Lower Upper

117 100

119 6.0 79.7 119.5#

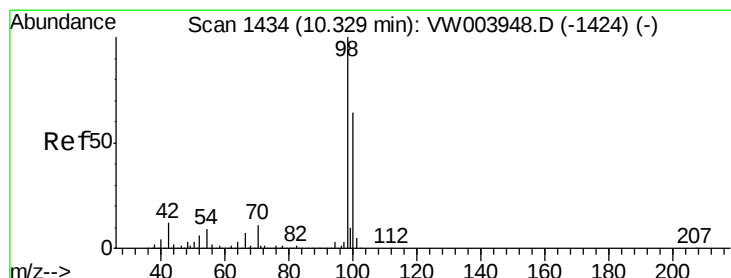
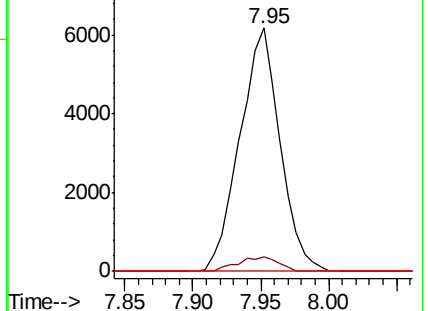
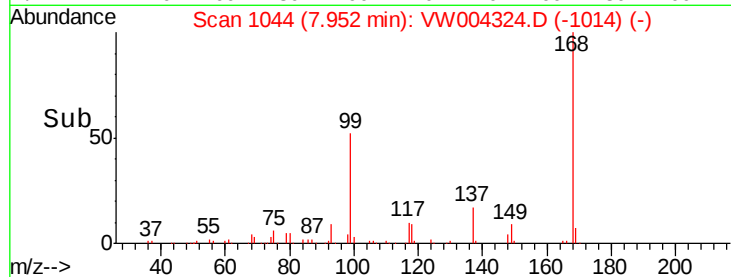
121 0.0 25.7 38.5#



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: 39.796 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004324.D

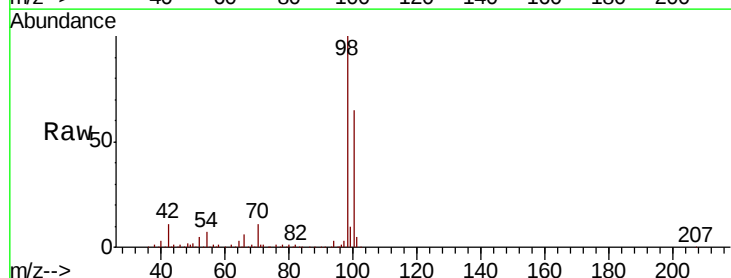
Acq: 29 Jul 2018 19:57

Tgt Ion: 98 Resp: 214421

Ion Ratio Lower Upper

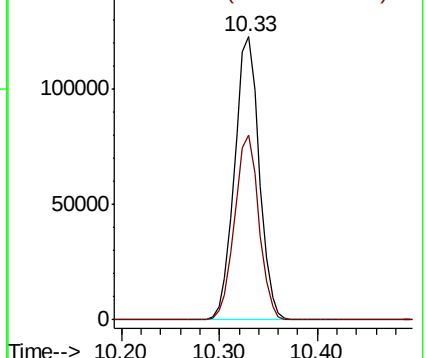
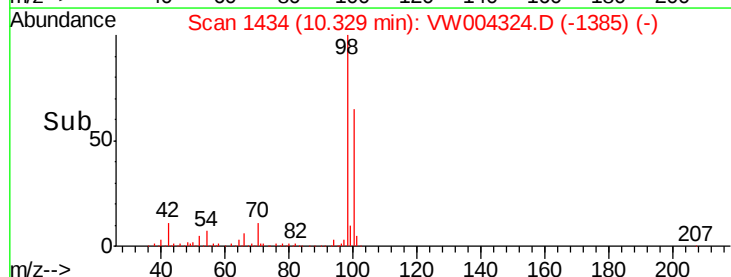
98 100

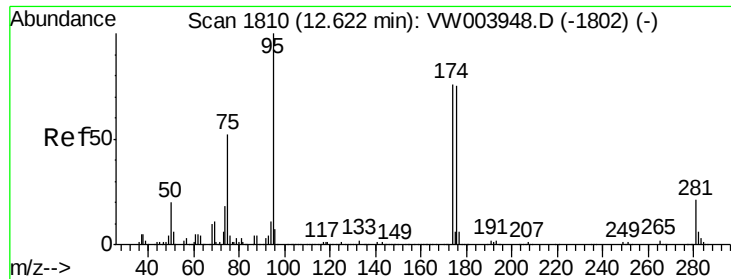
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.010 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

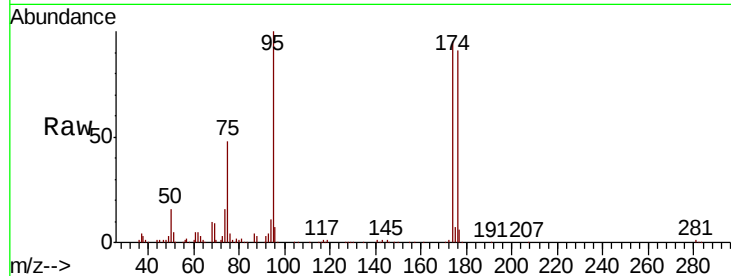
Tot Ion: 95 Resp: 81594

Ion Ratio Lower Upper

95 100

174 93.4 0.0 167.8

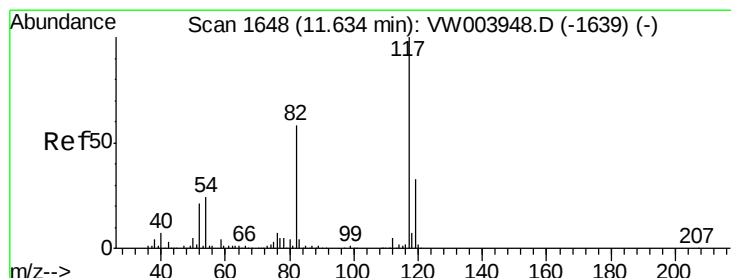
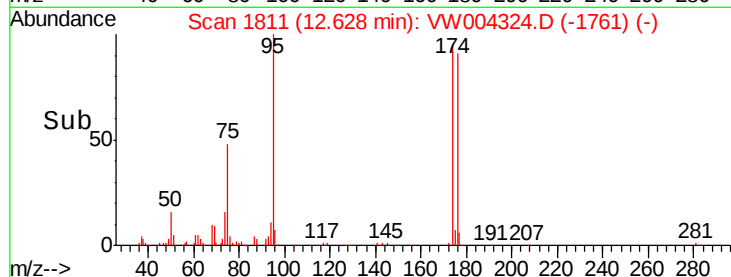
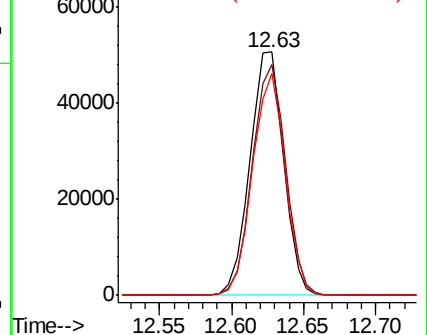
176 88.8 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

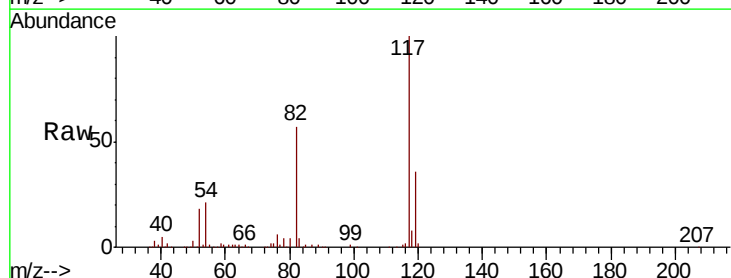
Tgt Ion: 117 Resp: 179839

Ion Ratio Lower Upper

117 100

82 56.8 47.9 71.9

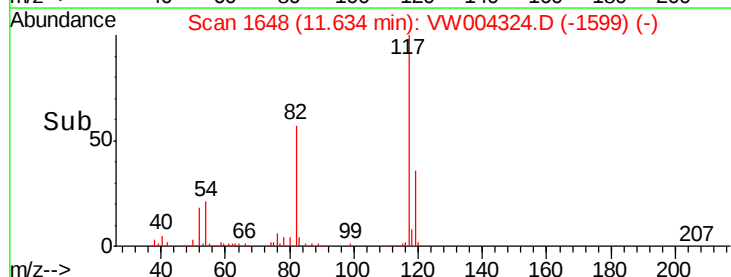
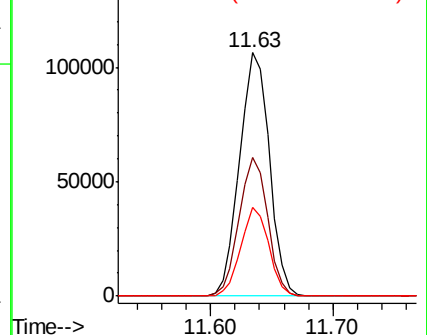
119 36.2 27.1 40.7

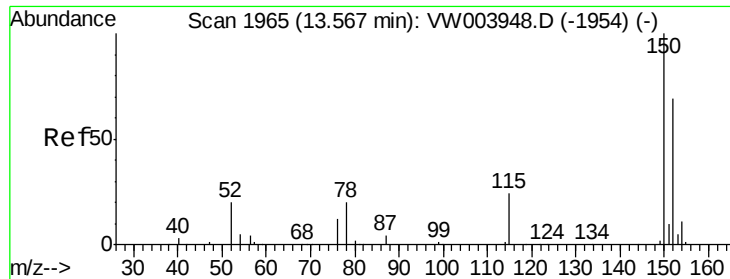


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

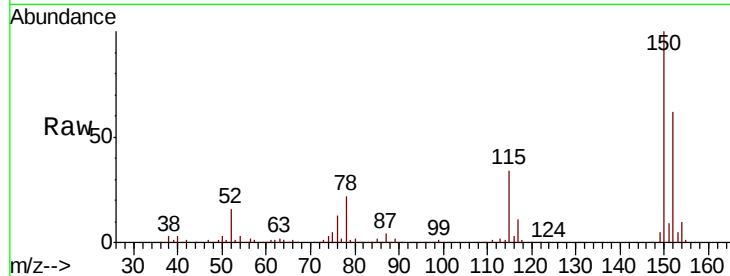
Tot Ion:152 Resp: 96237

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.4

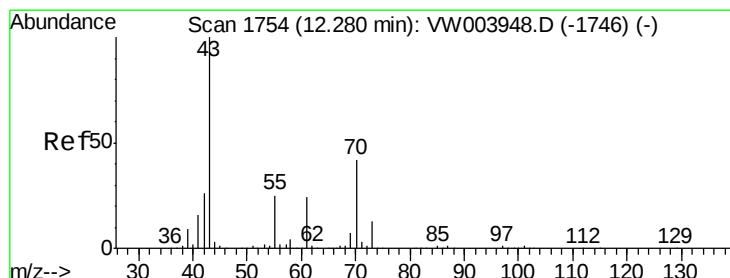
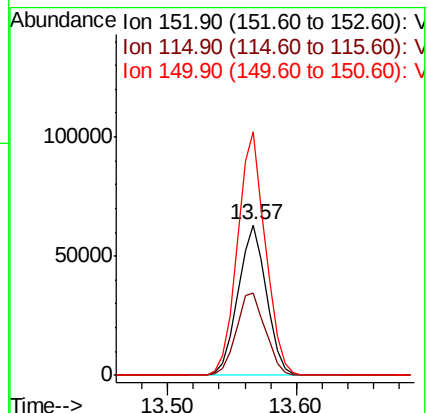
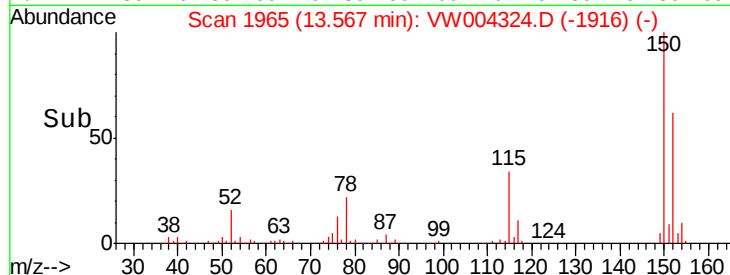
150 158.9 0.0 346.4



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



#74

N-ethyl acetate

Concen: 1.887 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.24 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

Tgt Ion: 43 Resp: 21

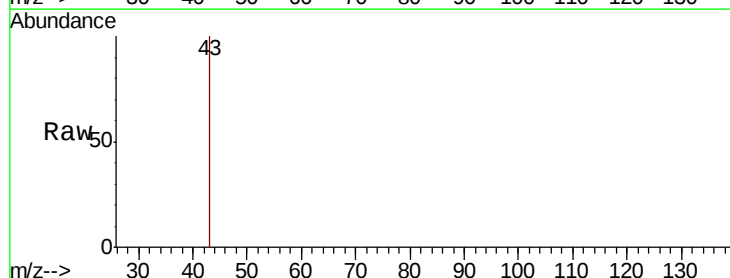
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.4#

55 0.0 21.8 32.8#

61 0.0 18.9 28.3#

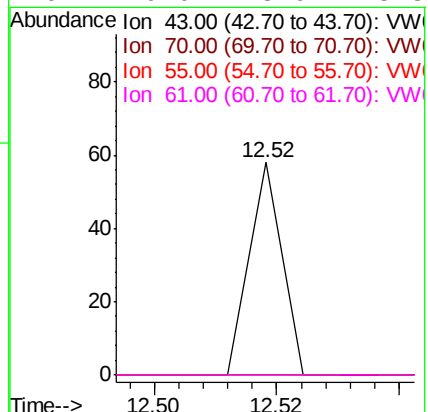
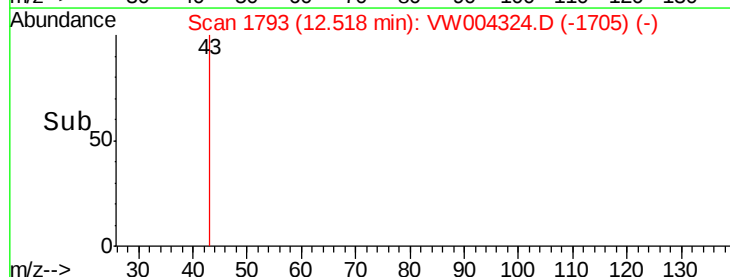


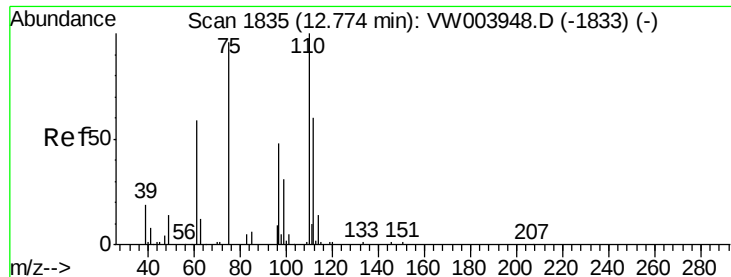
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 45.367 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

Instrument :

MSVOA_W

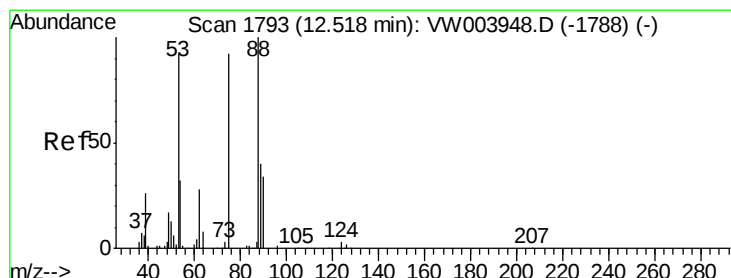
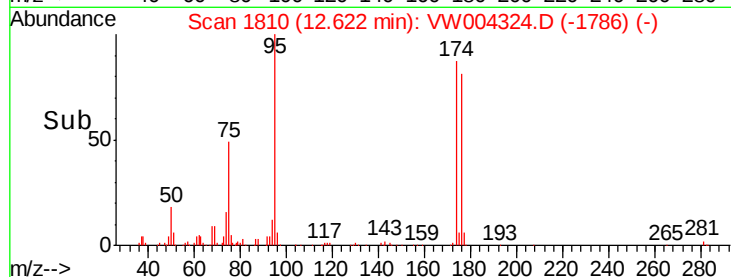
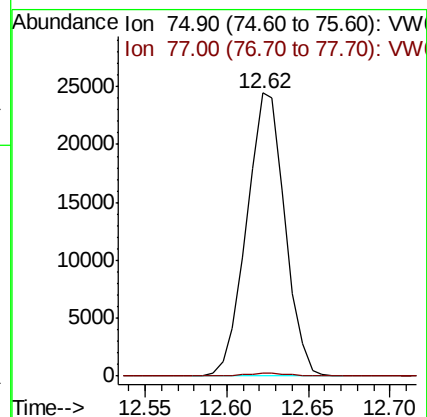
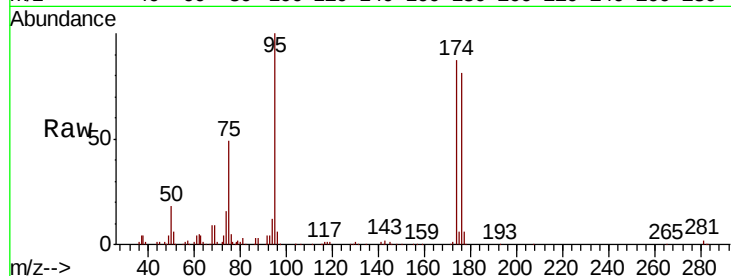
ClientSampled :

Tot Ion: 75 Resp: 39846

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.563 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004324.D

Acq: 29 Jul 2018 19:57

Tgt Ion: 75 Resp: 39846

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.0 54.0#

