

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
 Data File : VW005676.D
 Acq On : 27 Sep 2018 01:27
 Operator : VA/AP
 Sample : J5097-05
 Misc : 4.80G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

Quant Time: Sep 27 06:58:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	450540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	426420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188983	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	181428	57.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.44%	
35) Dibromofluoromethane	7.89	113	151887	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	10.33	98	599609	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.62	95	198143	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	

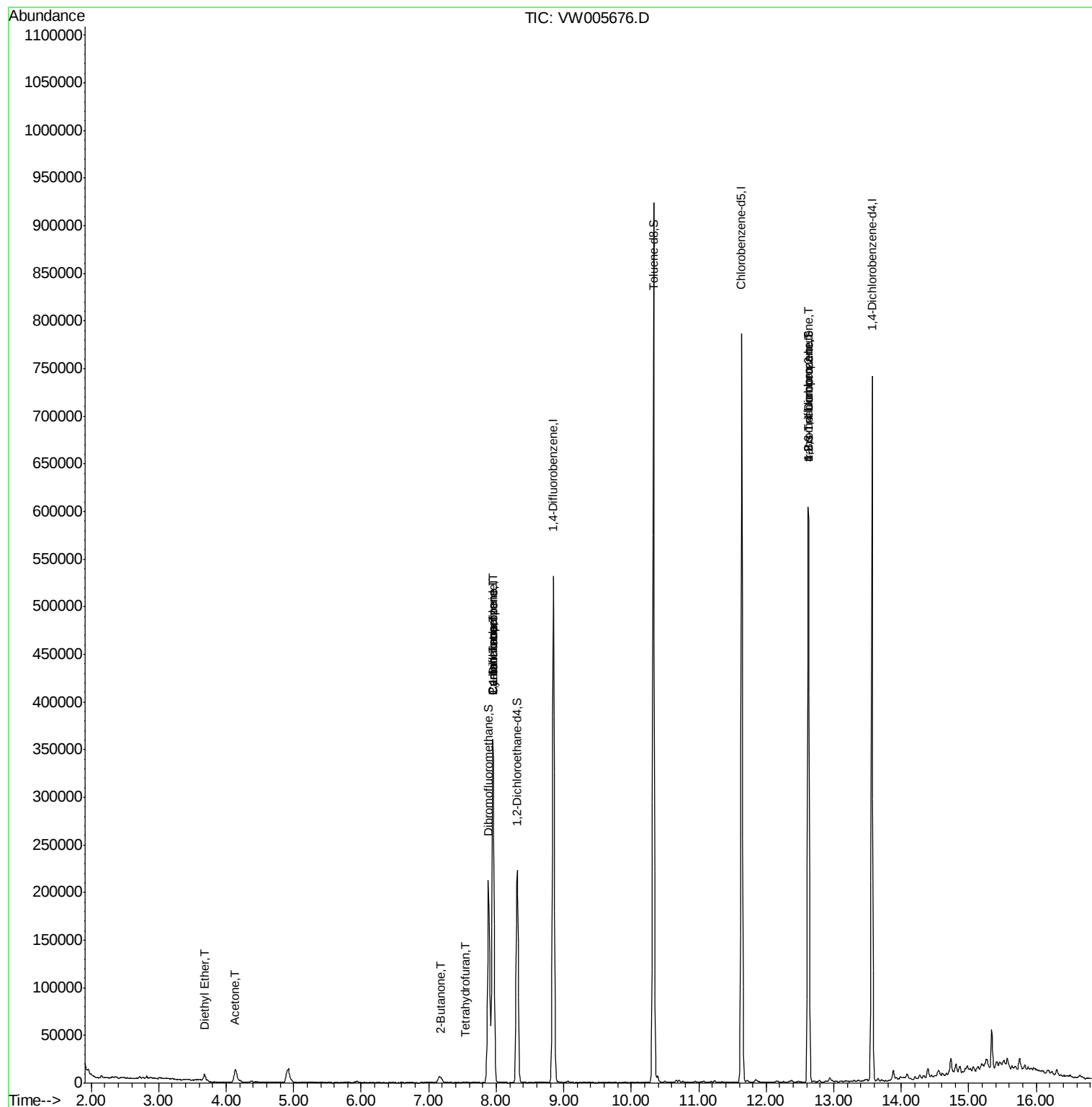
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	19	Below Cal	#	41
8) Diethyl Ether	3.68	74	2857	2.181	ug/l	80
11) Tert butyl alcohol	5.20	59	266	Below Cal	#	72
13) Acrolein	3.90	56	28	Below Cal	#	1
16) Acetone	4.14	43	26773	46.498	ug/l	95
25) 2-Butanone	7.18	43	5162	6.761	ug/l	100
29) Tetrahydrofuran	7.54	42	565	1.185	ug/l #	62
31) Cyclohexane	7.95	56	6063	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21015	4.634	ug/l #	50
38) Carbon Tetrachloride	7.95	117	26581	5.469	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	103216	64.071	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	103216	144.308	ug/l #	7

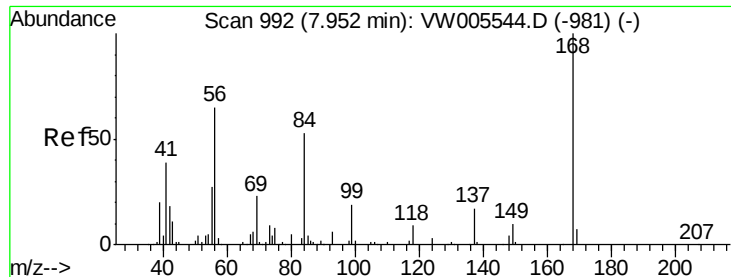
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005676.D

Acq: 27 Sep 2018 01:27

Instrument :

MSVOA_W

ClientSampled :

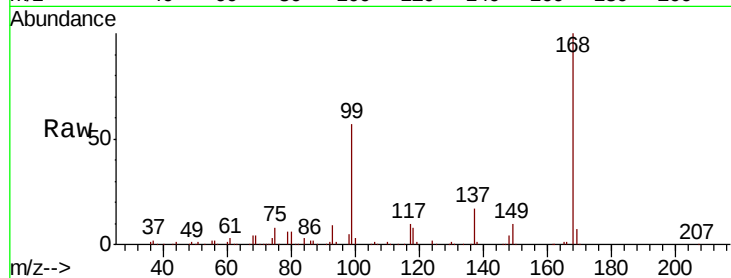
TP-3

Tgt Ion:168 Resp: 266820

Ion Ratio Lower Upper

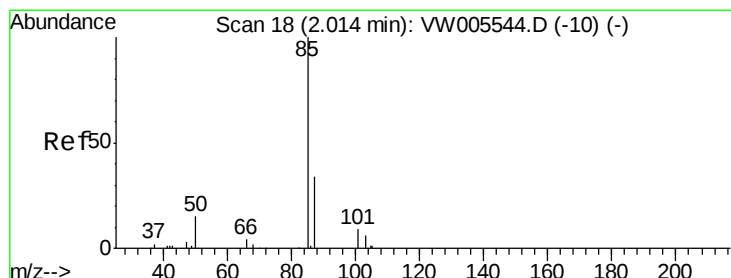
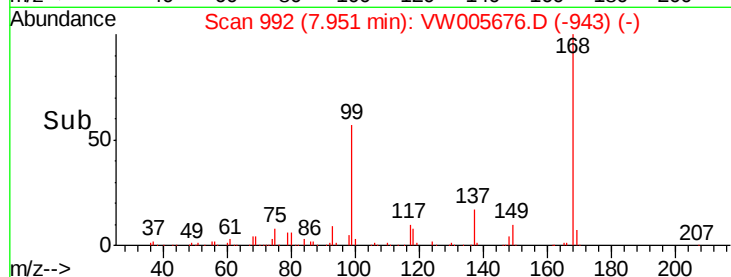
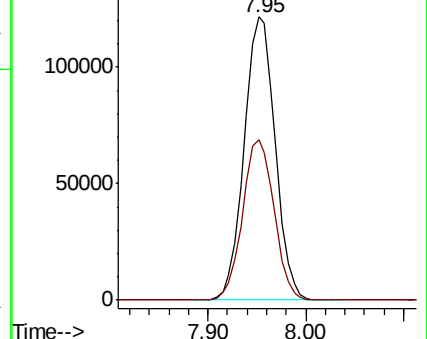
168 100

99 56.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW005676.D

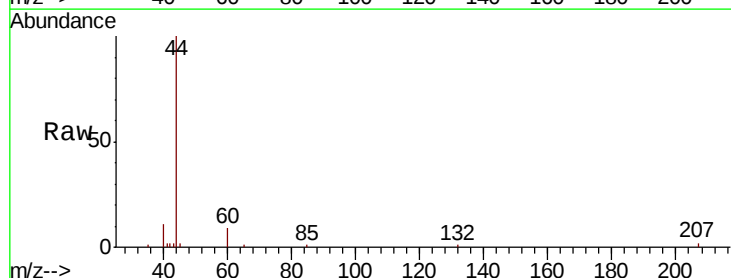
Acq: 27 Sep 2018 01:27

Tgt Ion: 85 Resp: 19

Ion Ratio Lower Upper

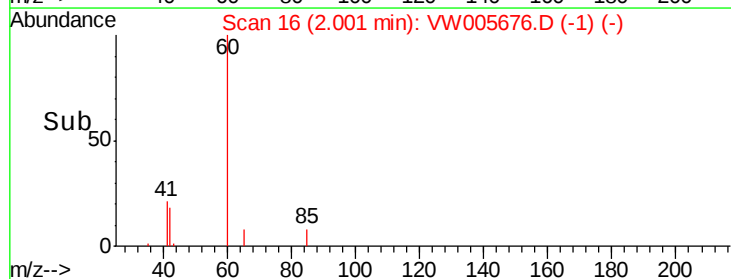
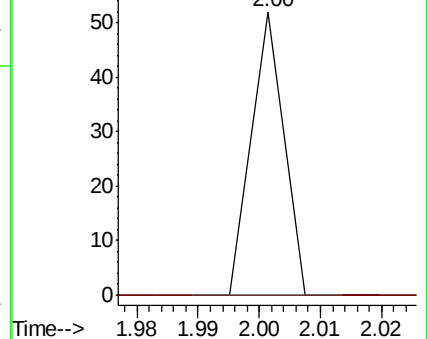
85 100

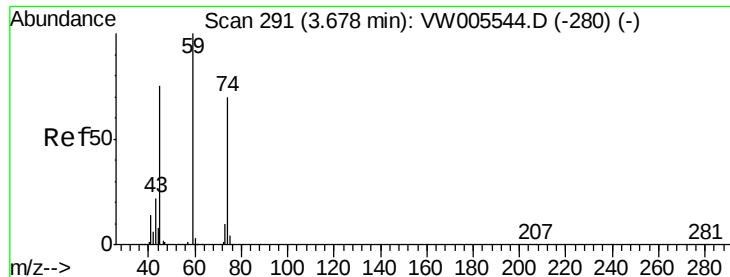
87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#8

Diethyl Ether

Concen: 2.181 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW005676.D

Acq: 27 Sep 2018 01:27

Instrument :

MSVOA_W

ClientSampled :

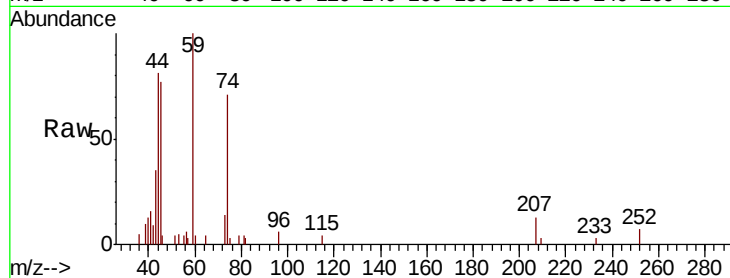
TP-3

Tgt Ion: 74 Resp: 2857

Ion Ratio Lower Upper

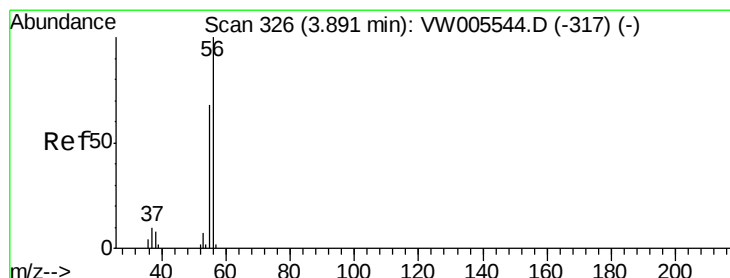
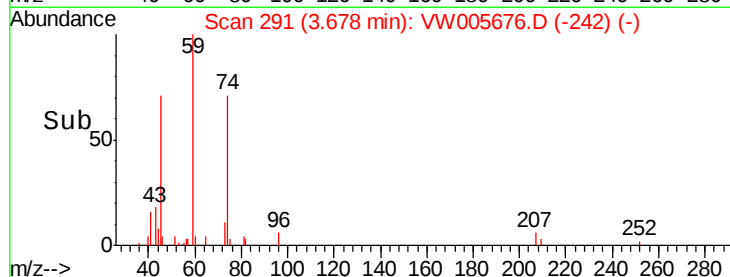
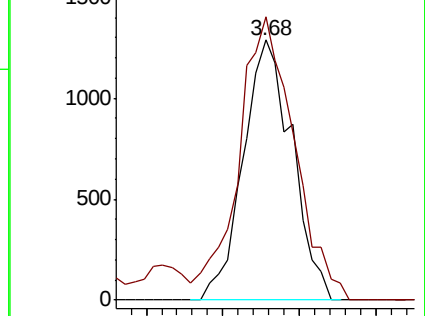
74 100

45 124.0 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



#13

Acrolein

Concen: Below Cal

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005676.D

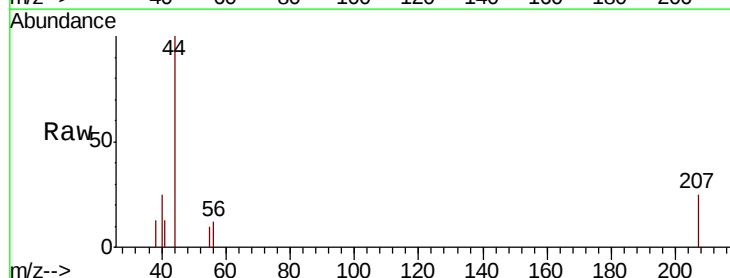
Acq: 27 Sep 2018 01:27

Tgt Ion: 56 Resp: 28

Ion Ratio Lower Upper

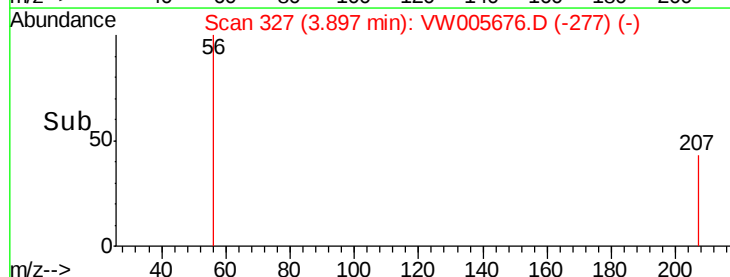
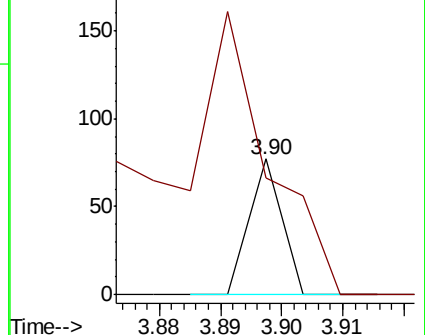
56 100

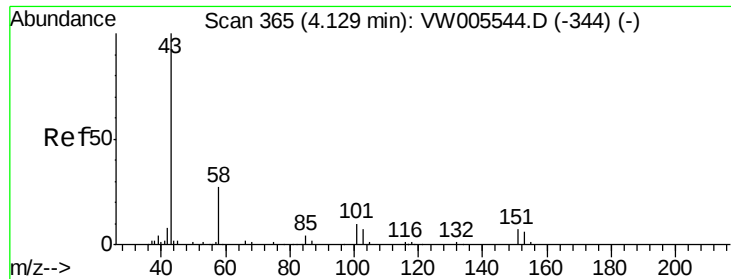
55 717.9 57.8 86.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 46.498 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005676.D

Acq: 27 Sep 2018 01:27

Instrument :

MSVOA_W

ClientSampleId :

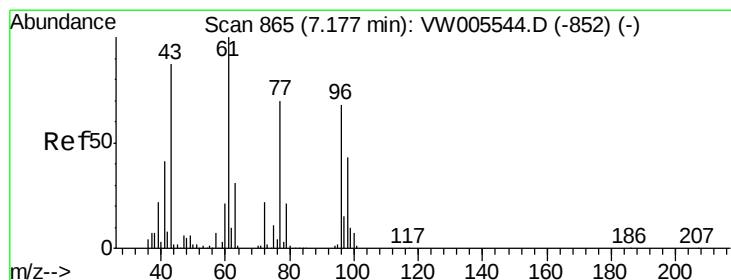
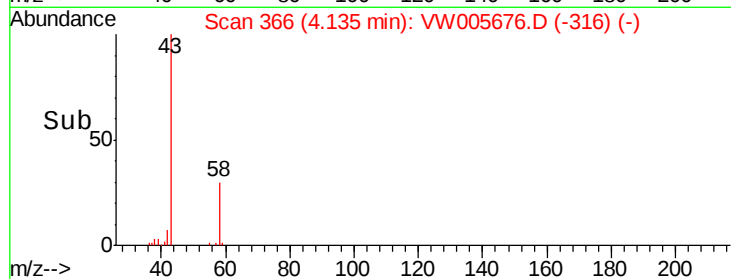
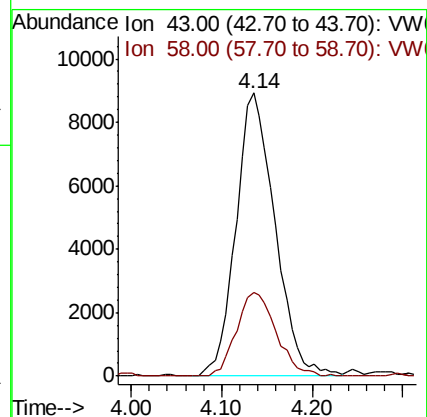
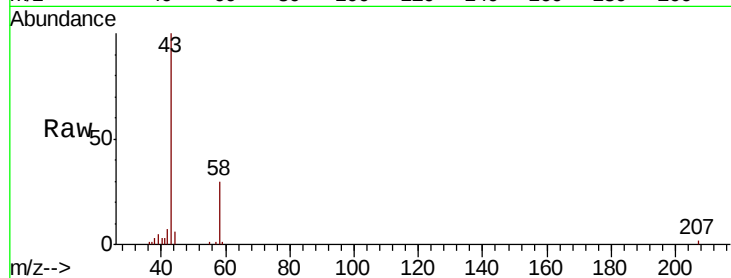
TP-3

Tgt Ion: 43 Resp: 26773

Ion Ratio Lower Upper

43 100

58 29.7 21.8 32.8



#25

2-Butanone

Concen: 6.761 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005676.D

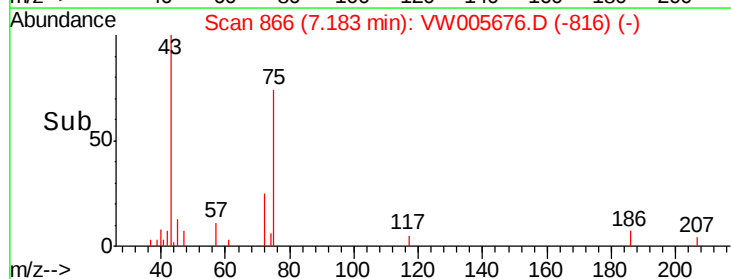
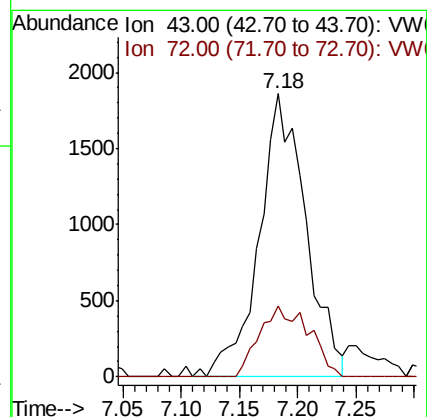
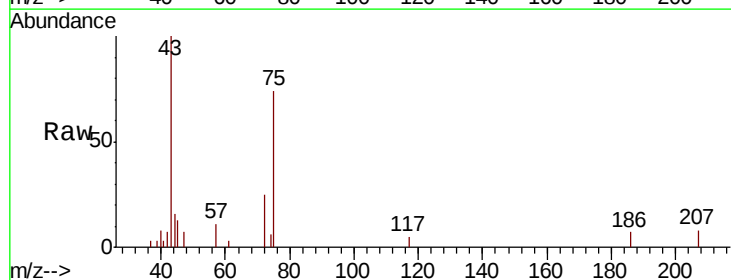
Acq: 27 Sep 2018 01:27

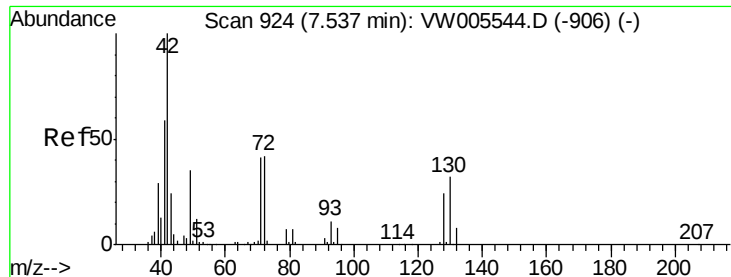
Tgt Ion: 43 Resp: 5162

Ion Ratio Lower Upper

43 100

72 25.1 19.9 29.9

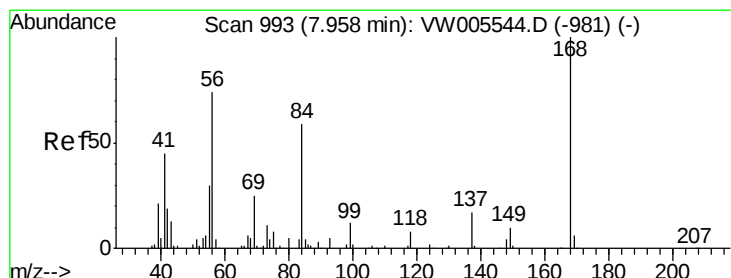
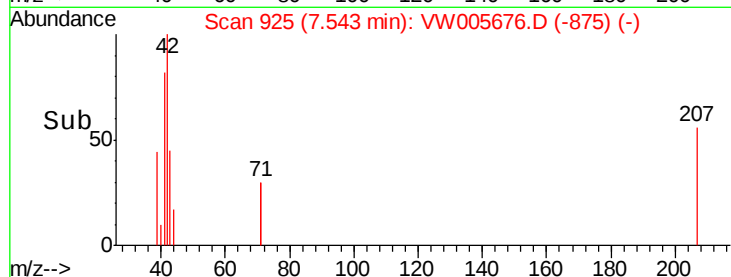
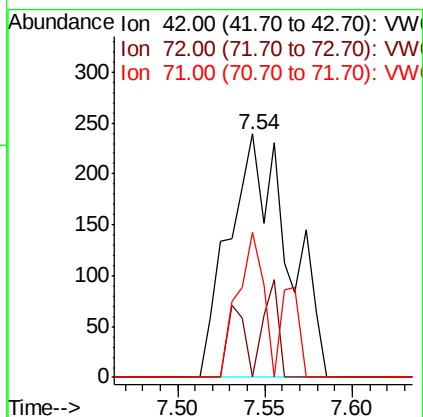
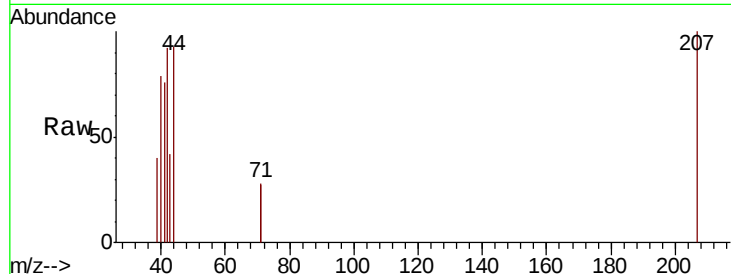




#29
Tetrahydrofuran
Concen: 1.185 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005676.D
Acq: 27 Sep 2018 01:27

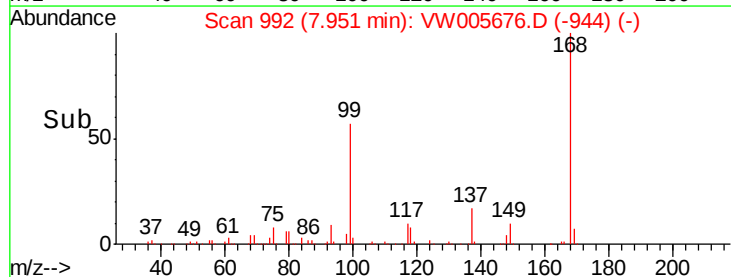
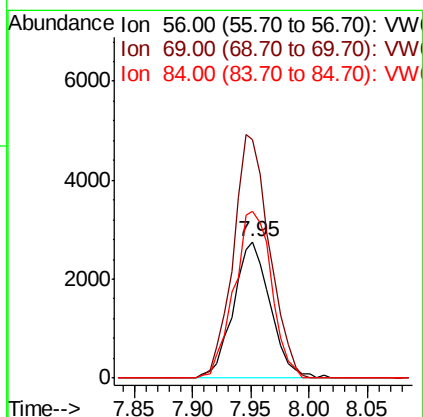
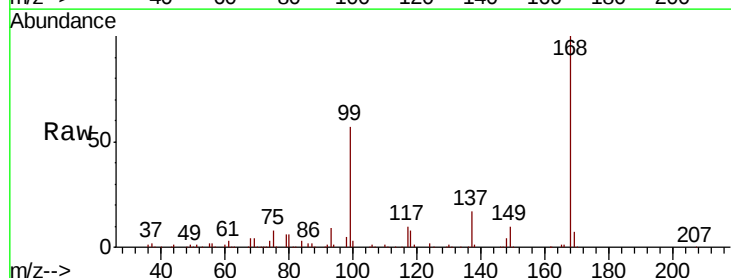
Instrument :
MSVOA_W
ClientSampled :
TP-3

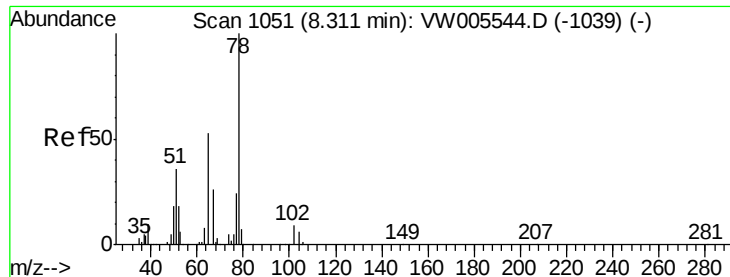
Tgt Ion: 42 Resp: 565
Ion Ratio Lower Upper
42 100
72 8.5 33.6 50.4#
71 25.7 31.8 47.6#



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005676.D
Acq: 27 Sep 2018 01:27

Tgt Ion: 56 Resp: 6063
Ion Ratio Lower Upper
56 100
69 174.8 27.0 40.4#
84 122.8 64.2 96.4#

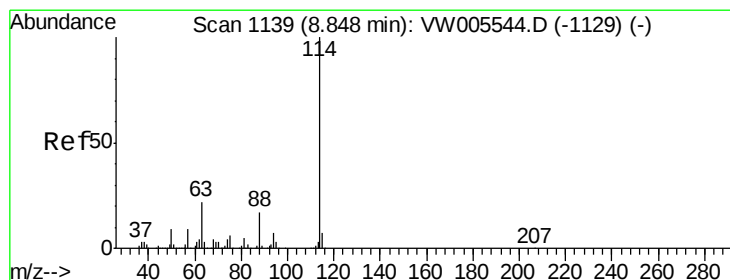
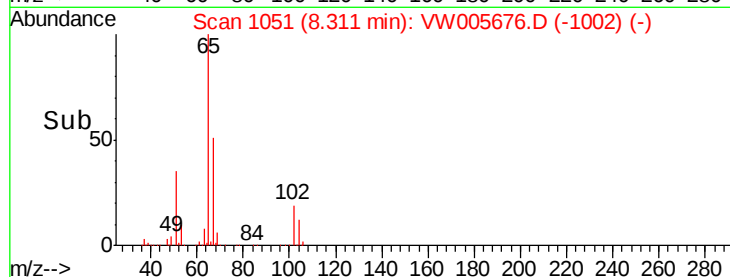
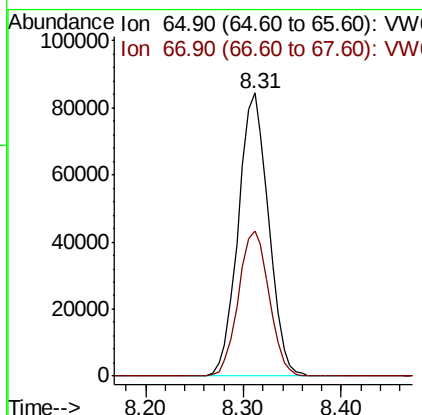
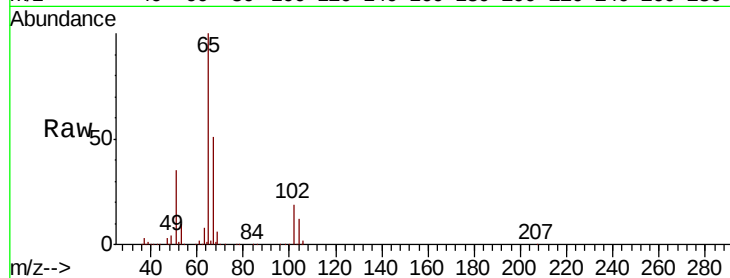




#33
 1,2-Dichloroethane-d4
 Concen: 57.718 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005676.D
 Acq: 27 Sep 2018 01:27

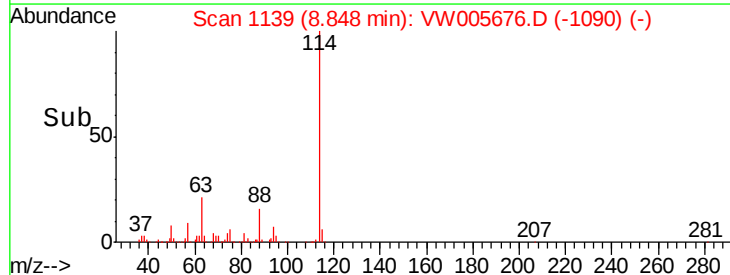
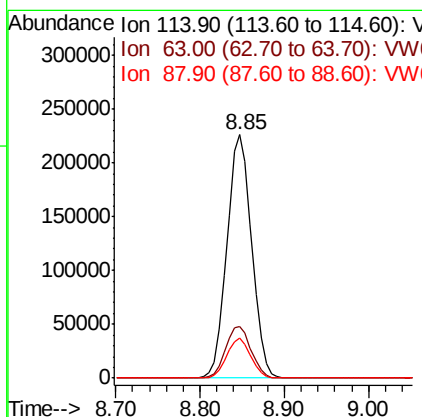
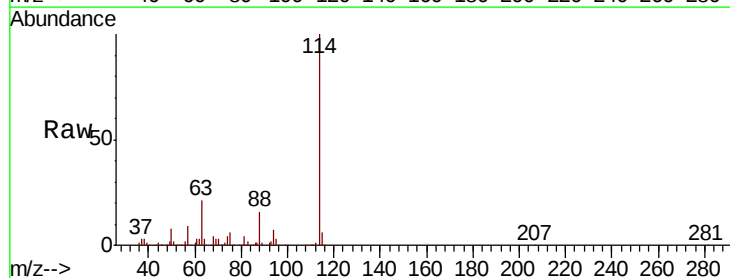
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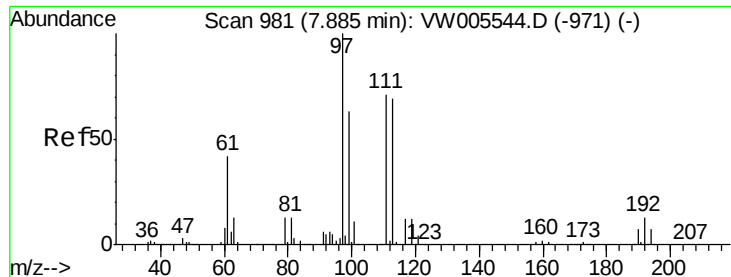
Tgt Ion: 65 Resp: 181428
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005676.D
 Acq: 27 Sep 2018 01:27

Tgt Ion: 114 Resp: 450540
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 16.3 0.0 33.0

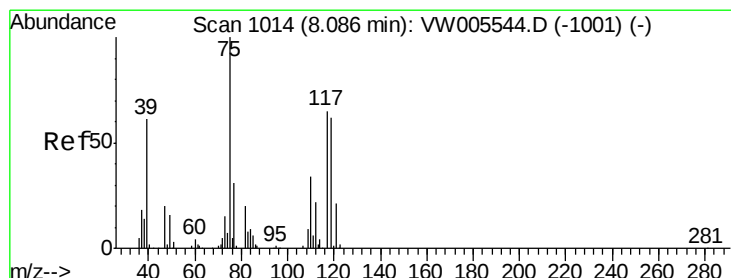
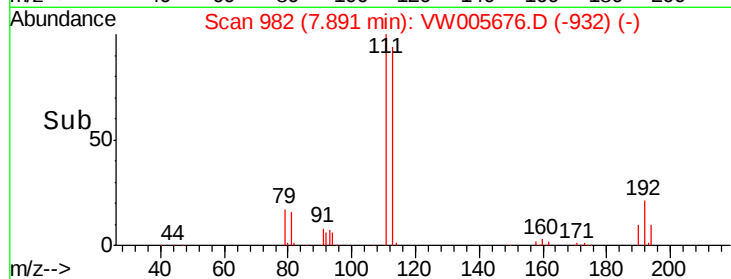
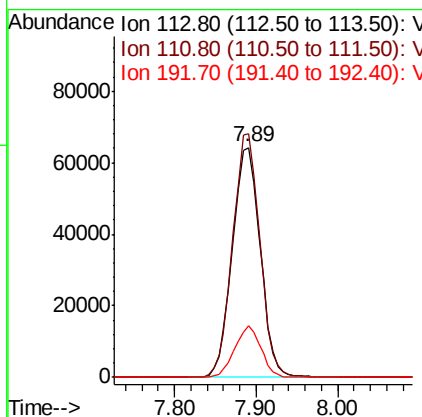
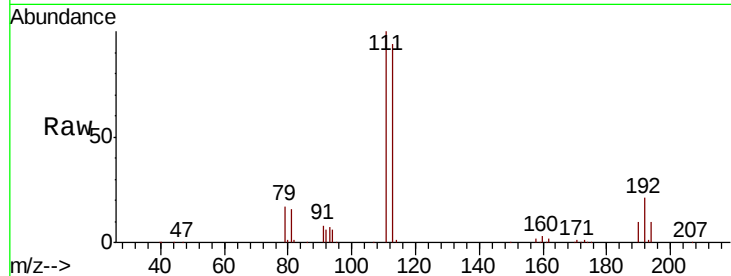




#35
 Dibromofluoromethane
 Concen: 53.608 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005676.D
 Acq: 27 Sep 2018 01:27

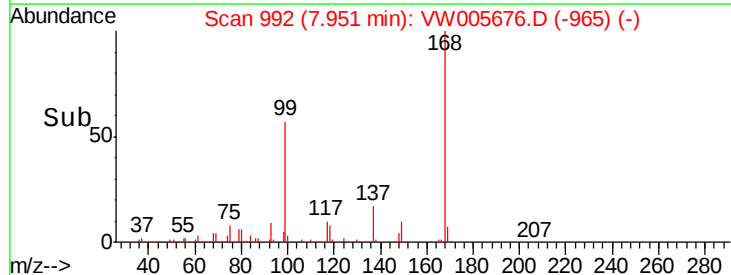
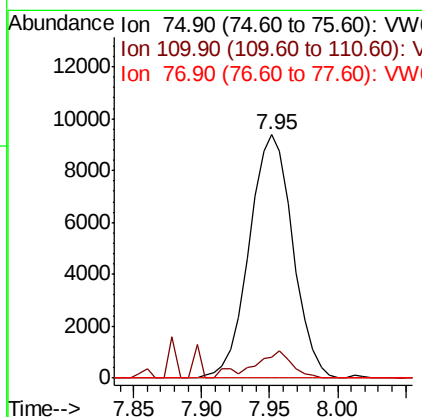
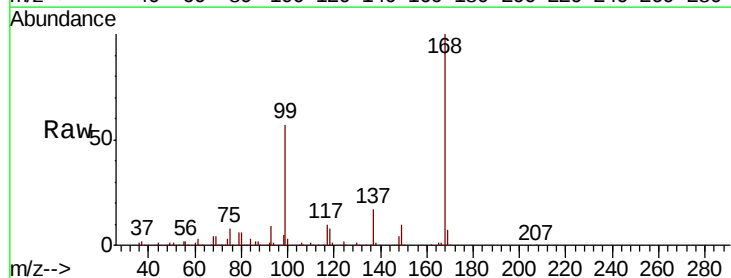
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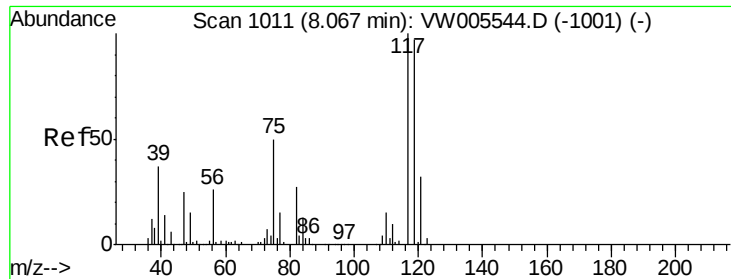
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	21.0	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.634 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005676.D
 Acq: 27 Sep 2018 01:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.0	50.9#
77	0.0	24.8	37.2#

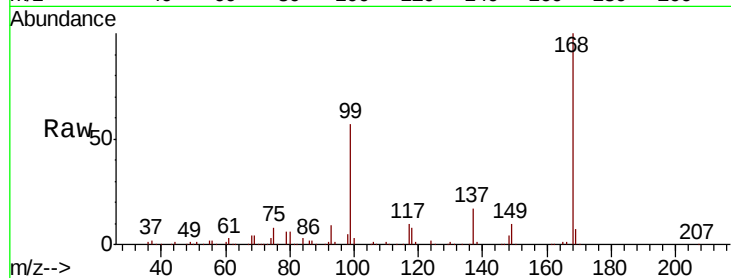




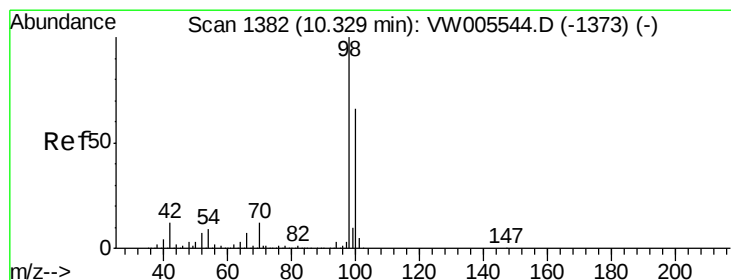
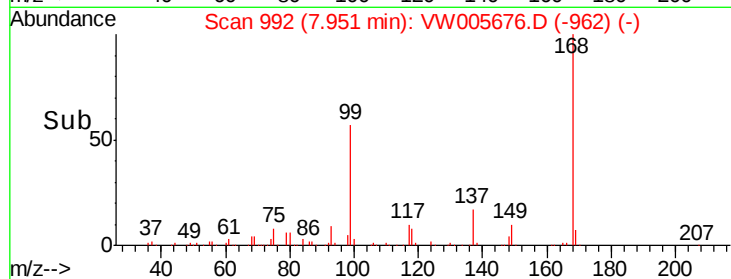
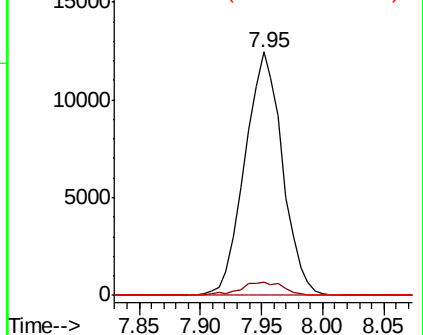
#38
 Carbon Tetrachloride
 Concen: 5.469 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005676.D
 Acq: 27 Sep 2018 01:27

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

Tgt Ion:117 Resp: 26581
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.6 116.4#
 121 0.0 25.7 38.5#

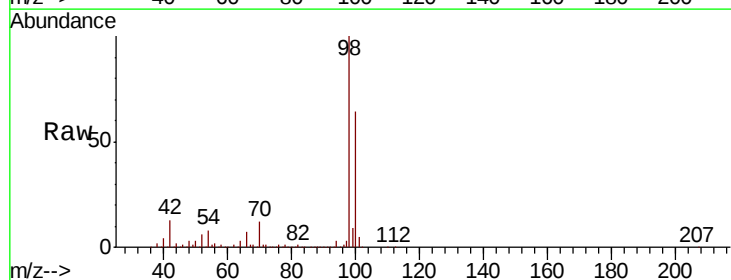


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

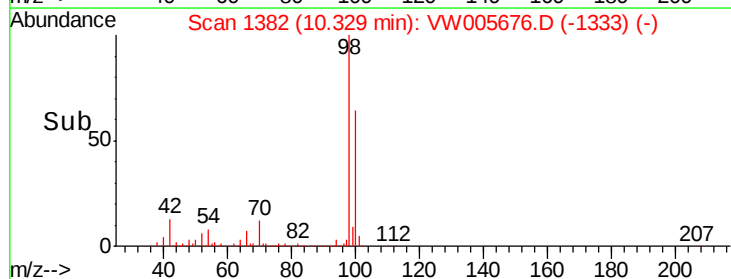
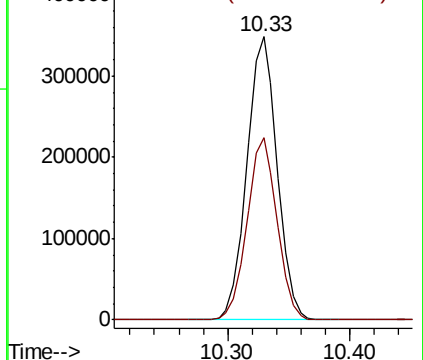


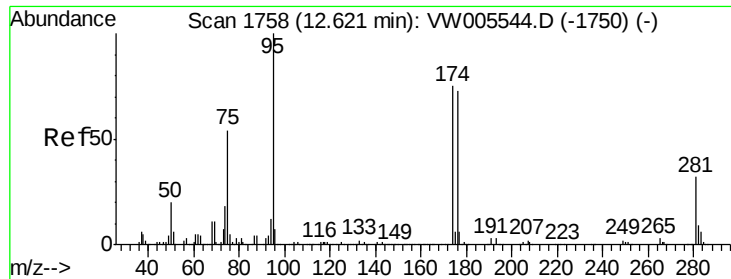
#50
 Toluene-d8
 Concen: 51.975 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005676.D
 Acq: 27 Sep 2018 01:27

Tgt Ion: 98 Resp: 599609
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.6 77.4



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

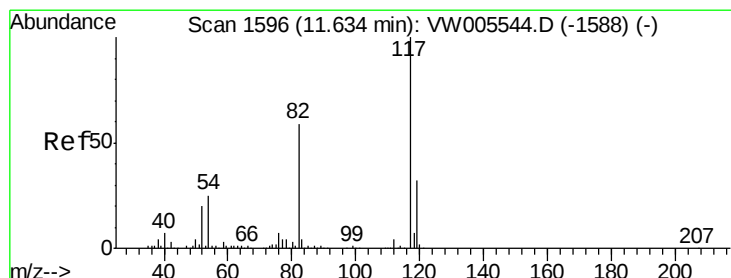
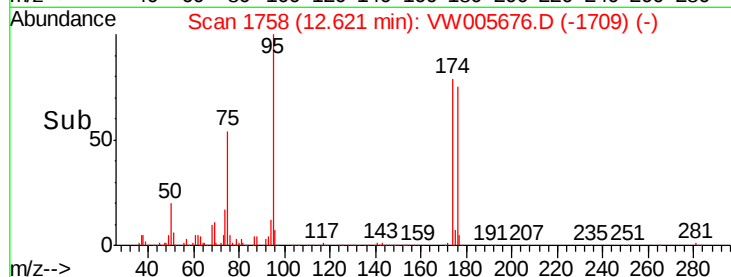
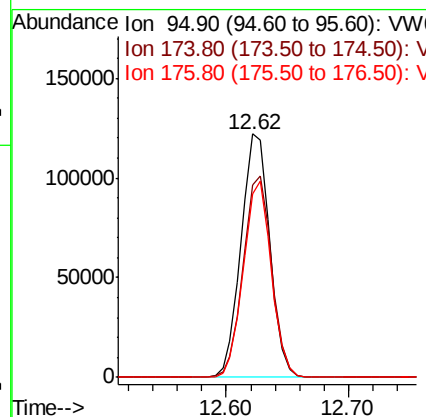
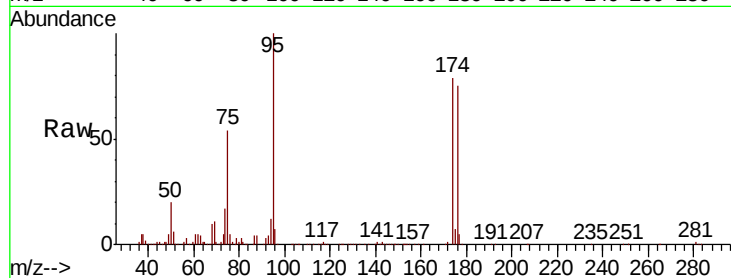




#62
4-Bromofluorobenzene
Concen: 46.417 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005676.D
Acq: 27 Sep 2018 01:27

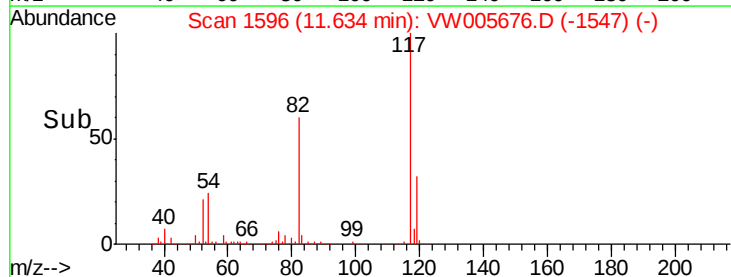
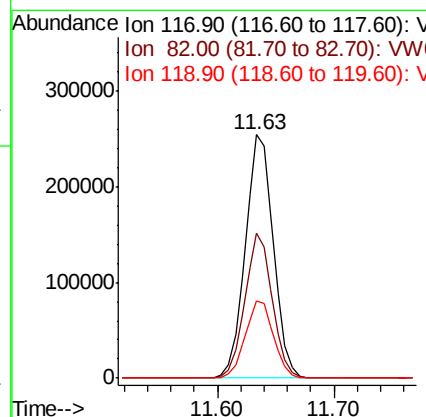
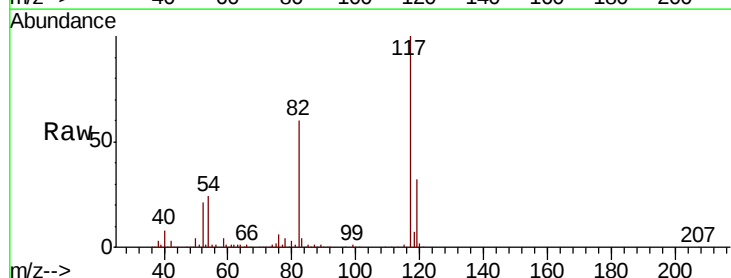
Instrument :
MSVOA_W
ClientSampleId :
TP-3

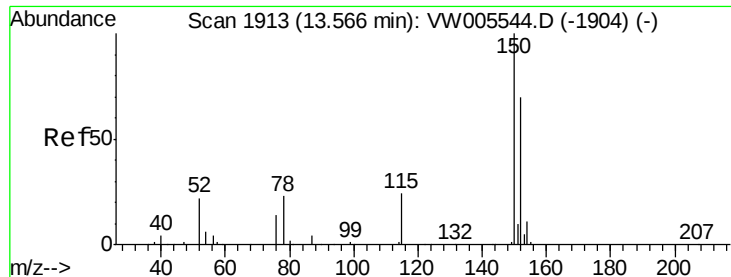
Tgt Ion: 95 Resp: 198143
Ion Ratio Lower Upper
95 100
174 82.4 0.0 163.8
176 78.5 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005676.D
Acq: 27 Sep 2018 01:27

Tgt Ion: 117 Resp: 426420
Ion Ratio Lower Upper
117 100
82 59.6 46.9 70.3
119 32.0 25.7 38.5



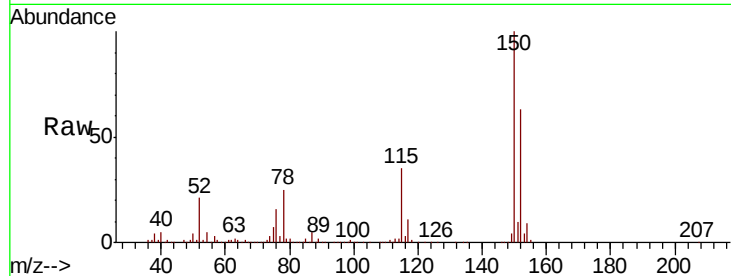


#72

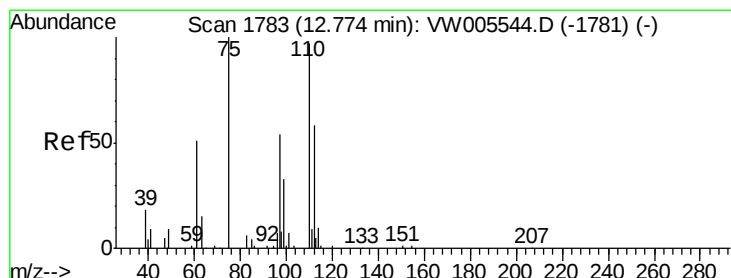
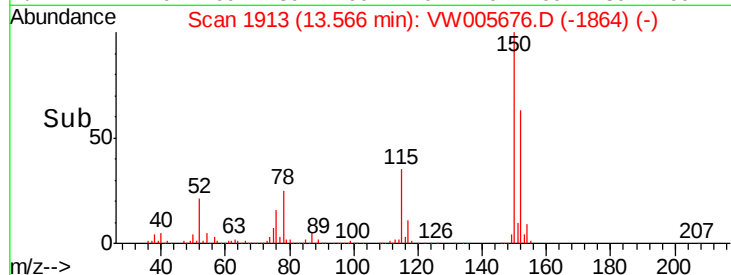
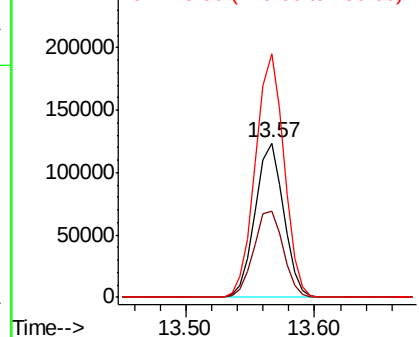
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005676.D
Acq: 27 Sep 2018 01:27

Instrument :
MSVOA_W
ClientSampled :
TP-3

Tgt Ion:152 Resp: 188983
Ion Ratio Lower Upper
152 100
115 58.1 30.0 90.0
150 158.0 0.0 348.6



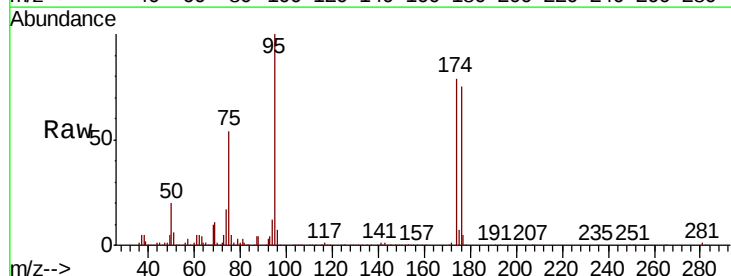
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



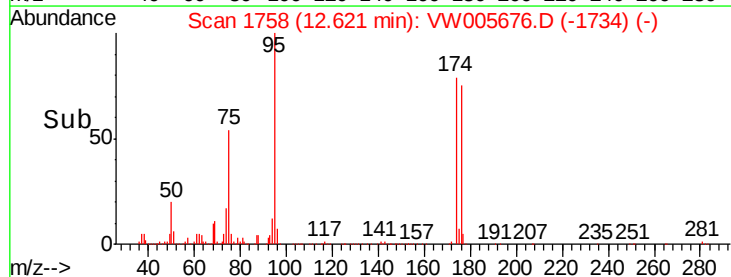
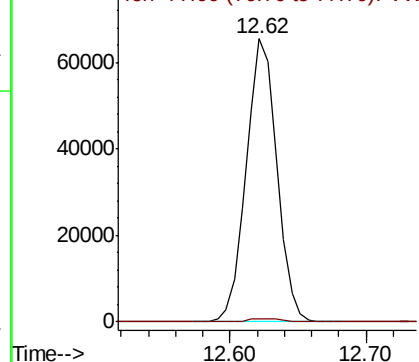
#76

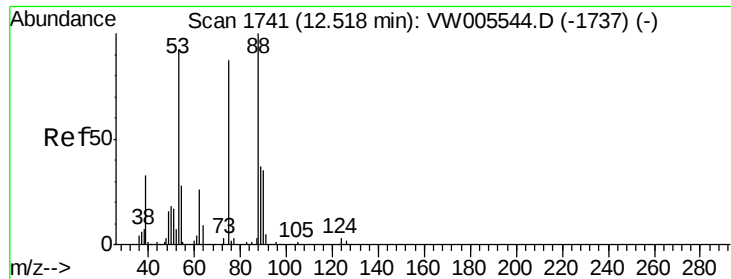
1,2,3-Trichloropropane
Concen: 64.071 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005676.D
Acq: 27 Sep 2018 01:27

Tgt Ion: 75 Resp: 103216
Ion Ratio Lower Upper
75 100
77 1.2 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: 144.308 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005676.D

Acq: 27 Sep 2018 01:27

Instrument :

MSVOA_W

ClientSampleId :

TP-3

Tgt Ion: 75 Resp: 103216

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.0 37.3 55.9#

