

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006228.D
 Acq On : 19 Oct 2018 16:37
 Operator : VA/AP
 Sample : J5585-03RE
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1017-S-DH-19RE

Quant Time: Oct 20 01:19:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	160765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	231371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	200300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	90903	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	100952	75.74	ug/l	0.00
Spiked Amount			Recovery	=	151.48%	
35) Dibromofluoromethane	7.89	113	97881	71.59	ug/l	0.00
Spiked Amount			Recovery	=	143.18%	
50) Toluene-d8	10.33	98	353773	68.02	ug/l	0.00
Spiked Amount			Recovery	=	136.04%	
62) 4-Bromofluorobenzene	12.62	95	119095	60.96	ug/l	0.00
Spiked Amount			Recovery	=	121.92%	

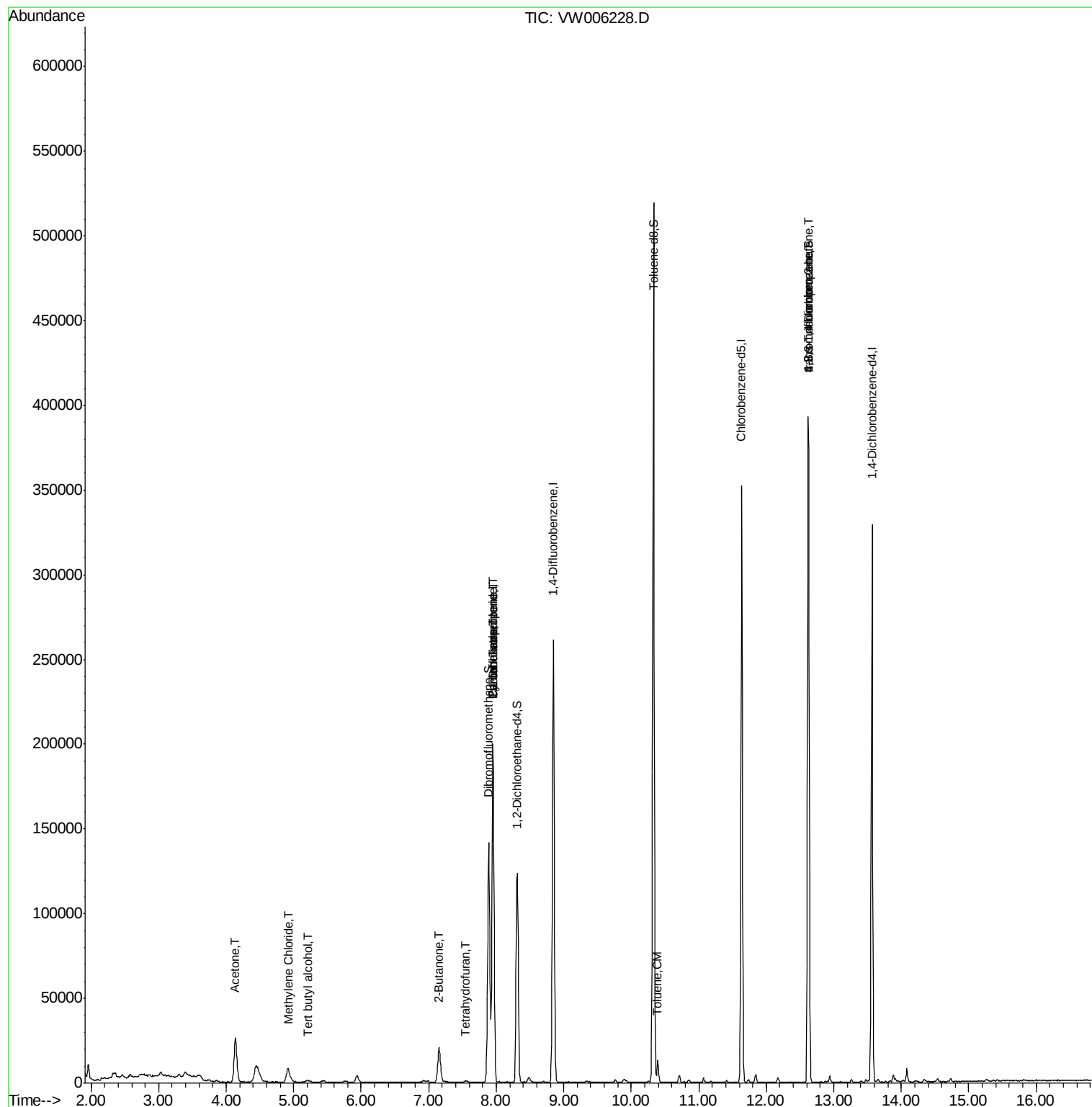
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	2230	24.878	ug/l #	71
16) Acetone	4.14	43	47948	188.089	ug/l	99
20) Methylene Chloride	4.92	84	6884	3.363	ug/l #	88
25) 2-Butanone	7.15	43	1881	5.224	ug/l #	72
29) Tetrahydrofuran	7.54	42	261	1.179	ug/l #	52
31) Cyclohexane	7.95	56	3063	1.256	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	10805	5.067	ug/l #	49
38) Carbon Tetrachloride	7.95	117	14430	6.172	ug/l #	16
52) Toluene	10.39	92	5447	1.389	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	60732	87.470	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60732	209.087	ug/l #	10

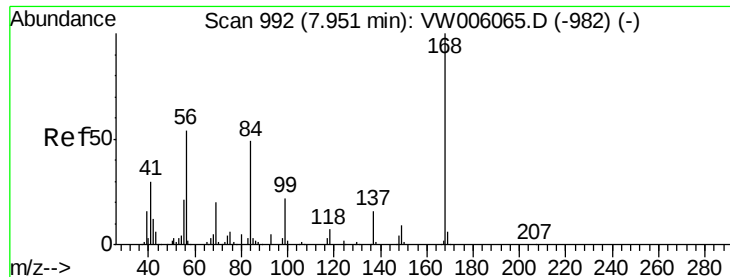
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006228.D
Acq On : 19 Oct 2018 16:37
Operator : VA/AP
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Instrument :
MSVOA_W
ClientSampleId :
SSSI-1017-S-DH-19RE

Quant Time: Oct 20 01:19:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006228.D

Acq: 19 Oct 2018 16:37

Instrument :

MSVOA_W

ClientSampleId :

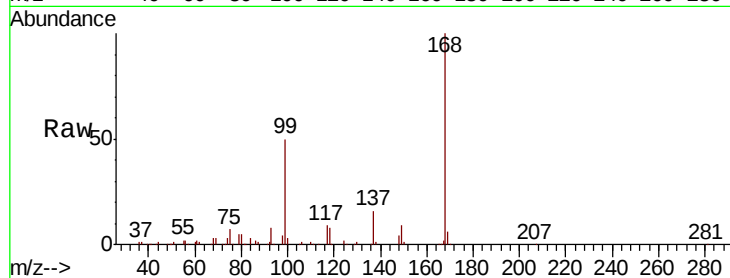
SSSI-1017-S-DH-19RE

Tot Ion:168 Resp: 160765

Ion Ratio Lower Upper

168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

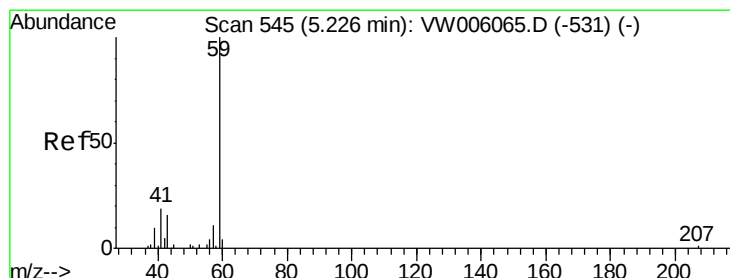
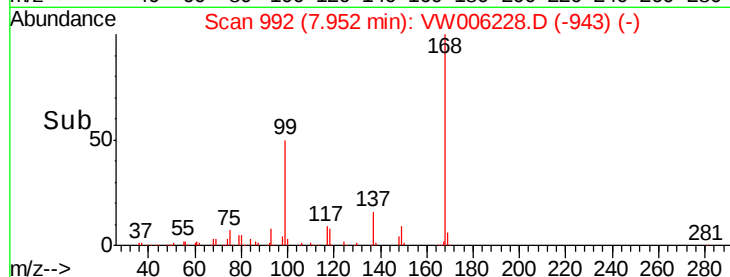
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 24.878 ug/l

RT: 5.20 min Scan# 540

Delta R.T. -0.03 min

Lab File: VW006228.D

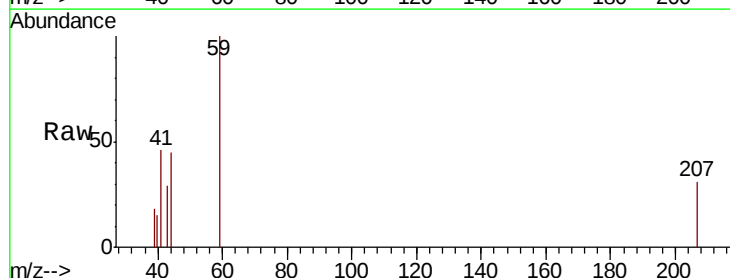
Acq: 19 Oct 2018 16:37

Tgt Ion: 59 Resp: 2230

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

600

500

400

300

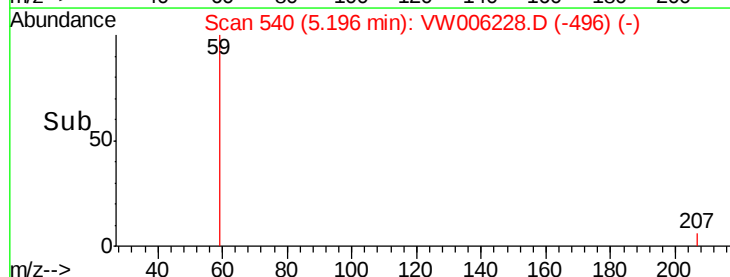
200

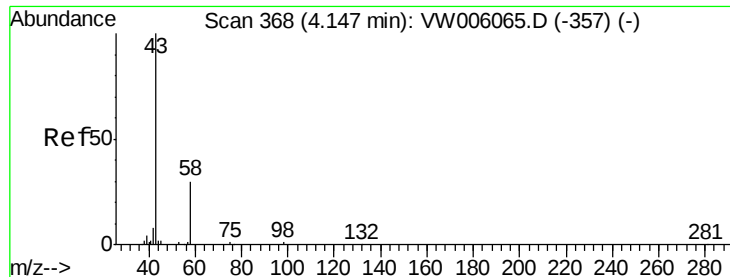
100

0

5.10 5.20 5.30

Time-->

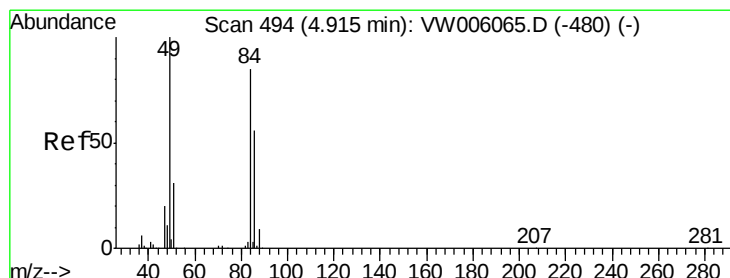
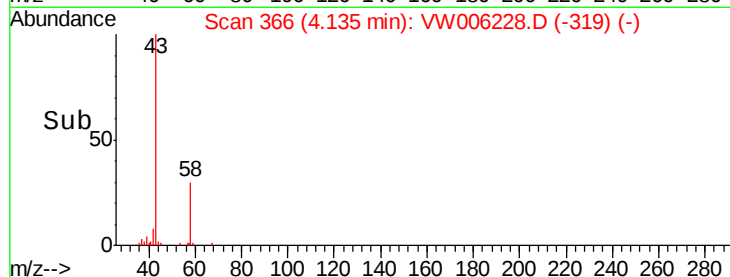
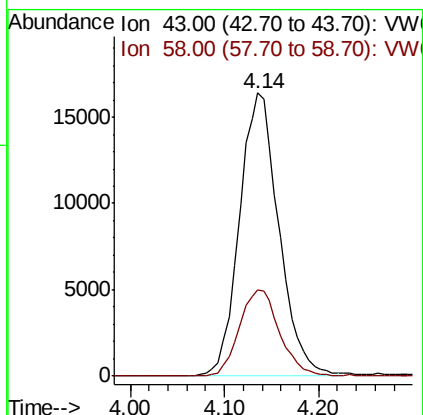
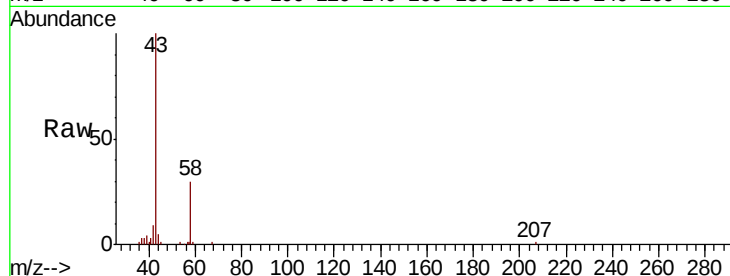




#16
Acetone
Concen: 188.089 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW006228.D
Acq: 19 Oct 2018 16:37

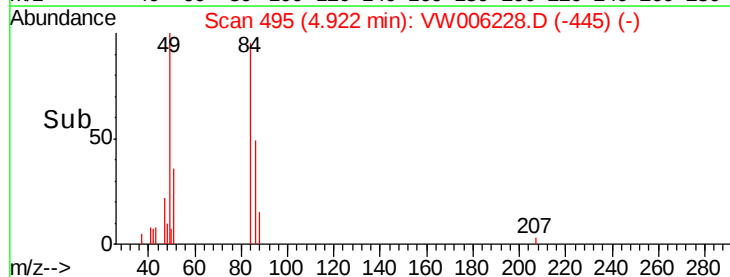
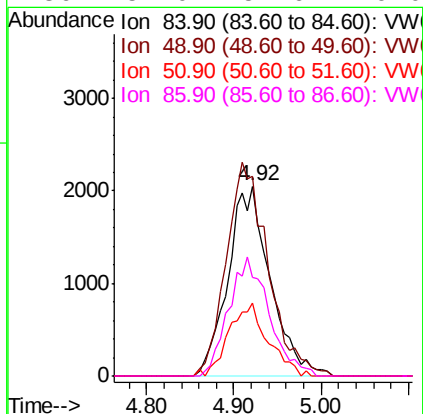
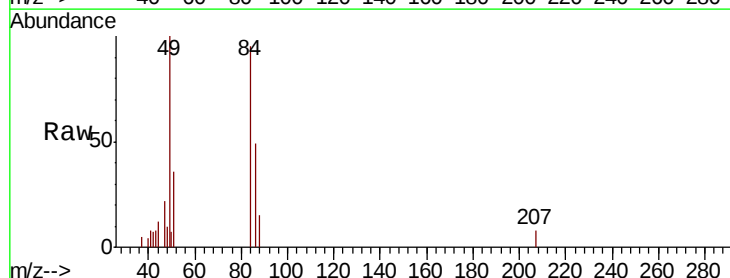
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1017-S-DH-19RE

Tot Ion: 43 Resp: 47948
Ion Ratio Lower Upper
43 100
58 30.4 24.0 36.0



#20
Methylene Chloride
Concen: 3.363 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006228.D
Acq: 19 Oct 2018 16:37

Tgt Ion: 84 Resp: 6884
Ion Ratio Lower Upper
84 100
49 105.2 93.6 140.4
51 38.3 29.0 43.4
86 52.0 52.6 79.0#





#25

2-Butanone

Concen: 5.224 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006228.D

Acq: 19 Oct 2018 16:37

Instrument :

MSVOA_W

ClientSampleId :

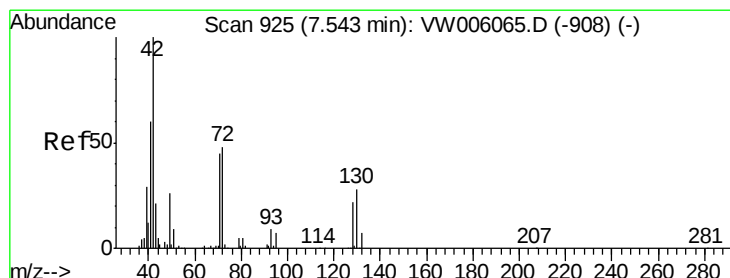
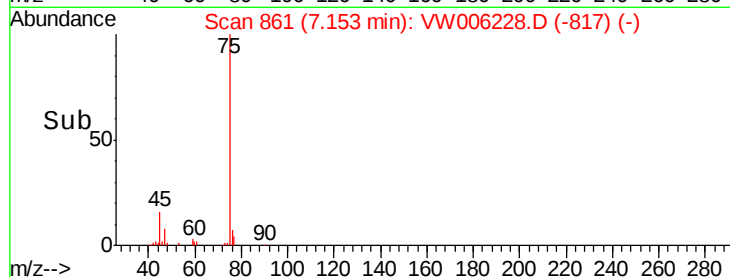
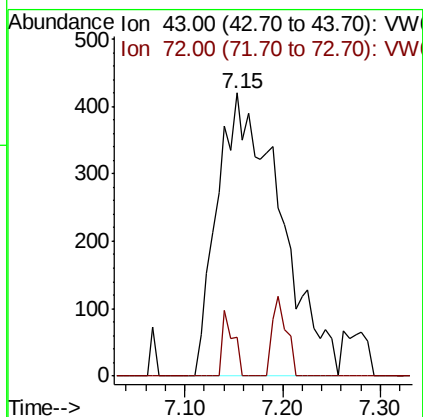
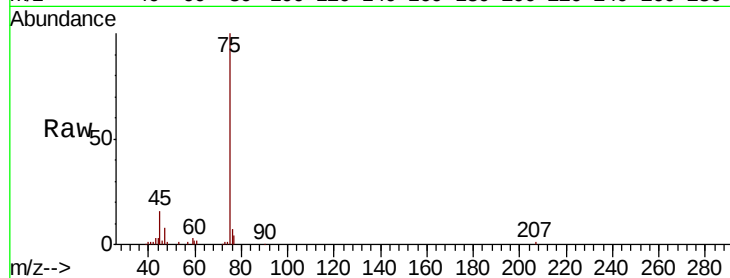
SSSI-1017-S-DH-19RE

Tot Ion: 43 Resp: 1881

Ion Ratio Lower Upper

43 100

72 13.8 22.8 34.2#



#29

Tetrahydrofuran

Concen: 1.179 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006228.D

Acq: 19 Oct 2018 16:37

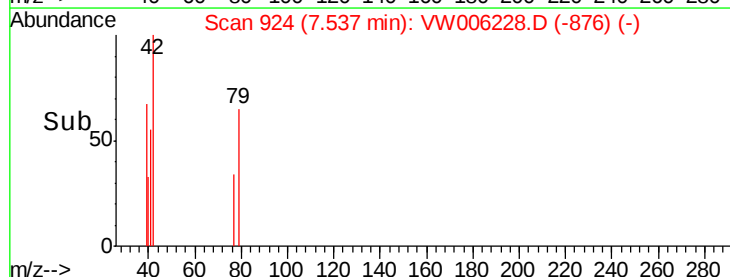
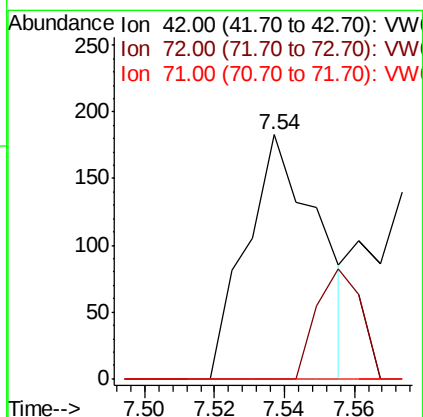
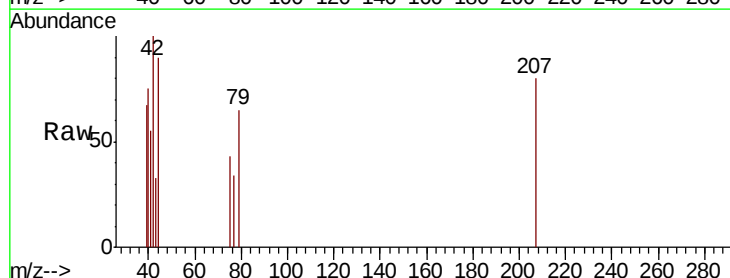
Tgt Ion: 42 Resp: 261

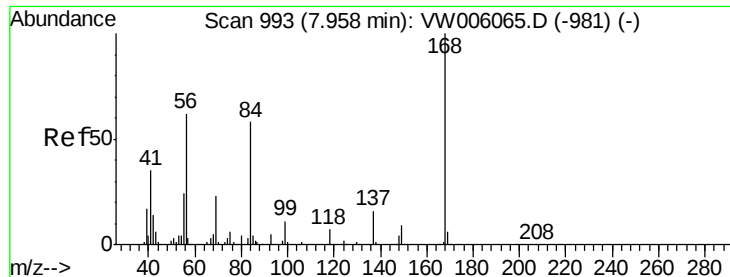
Ion Ratio Lower Upper

42 100

72 28.0 38.0 57.0#

71 0.0 35.3 52.9#

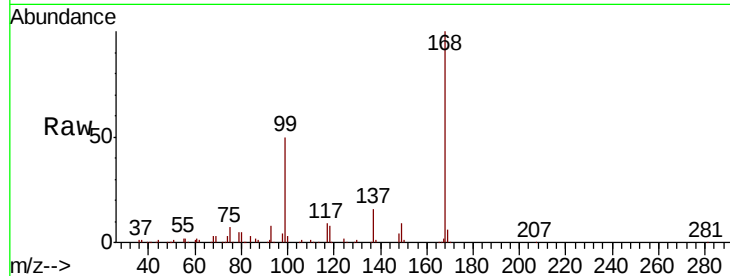




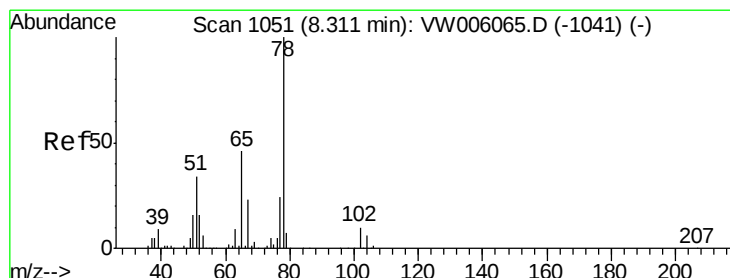
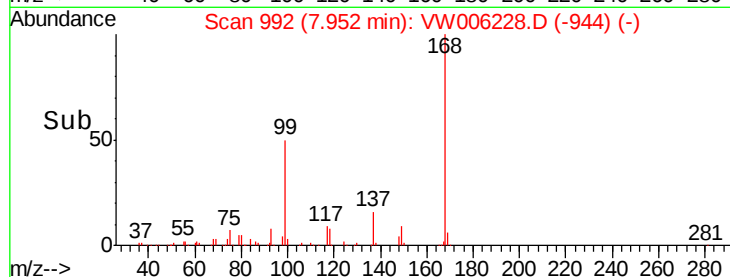
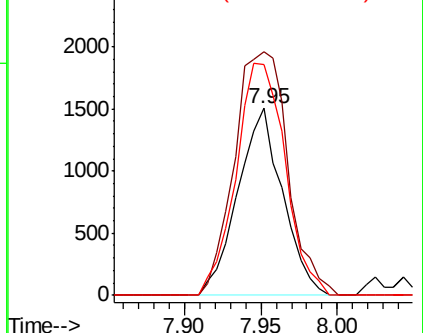
#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006228.D
Acq: 19 Oct 2018 16:37

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1017-S-DH-19RE

Tot Ion: 56 Resp: 3063
Ion Ratio Lower Upper
56 100
69 130.2 29.4 44.0#
84 123.1 74.0 111.0#

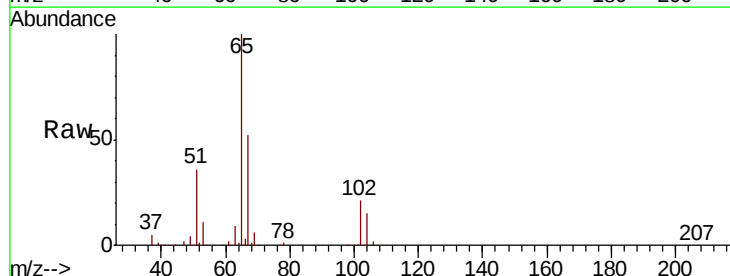


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

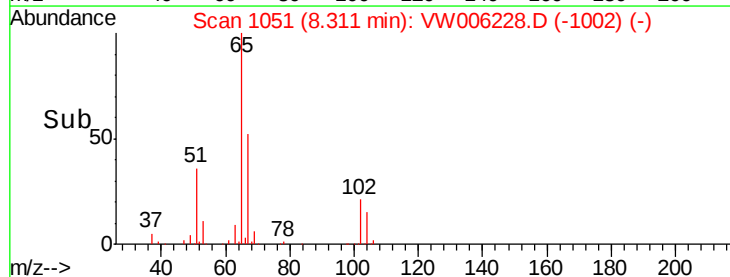
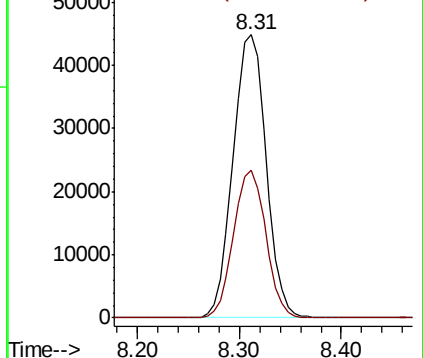


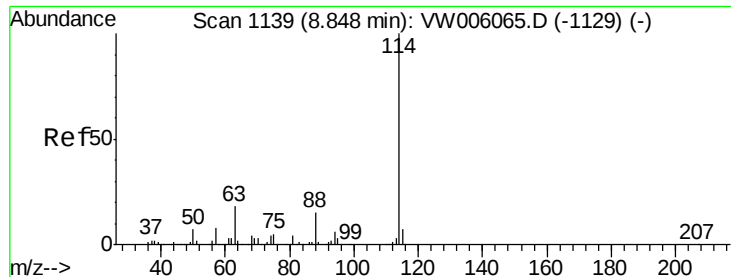
#33
1,2-Dichloroethane-d4
Concen: 75.743 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006228.D
Acq: 19 Oct 2018 16:37

Tgt Ion: 65 Resp: 100952
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.0



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

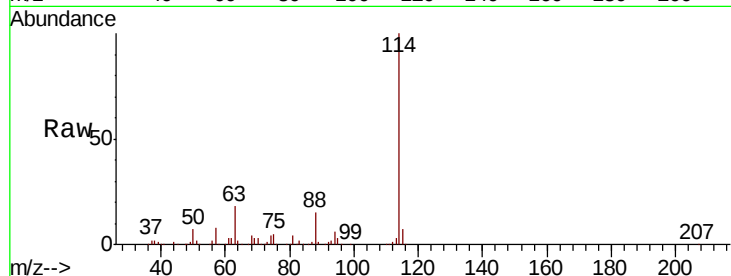




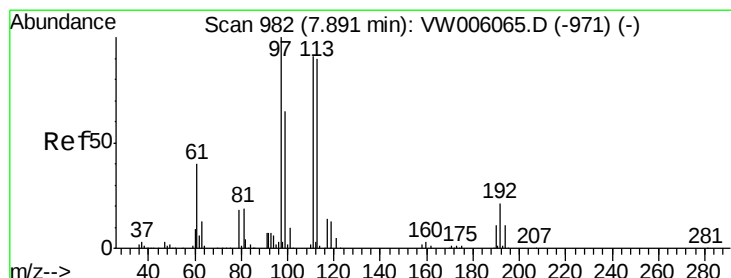
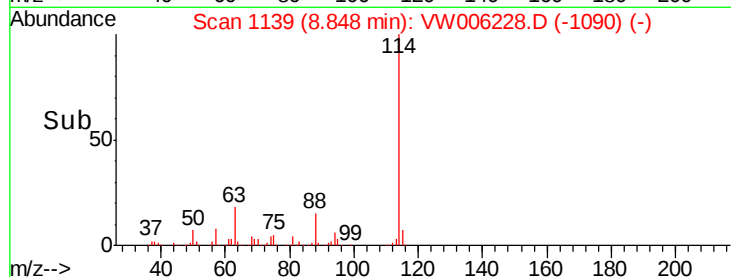
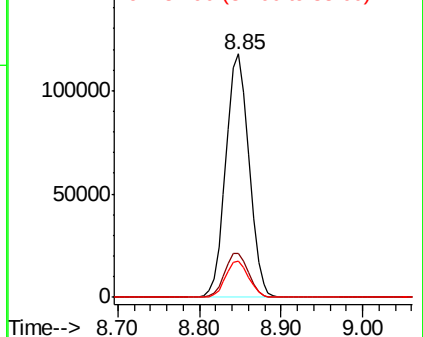
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006228.D
 Acq: 19 Oct 2018 16:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1017-S-DH-19RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.8
88	15.1	0.0	29.0

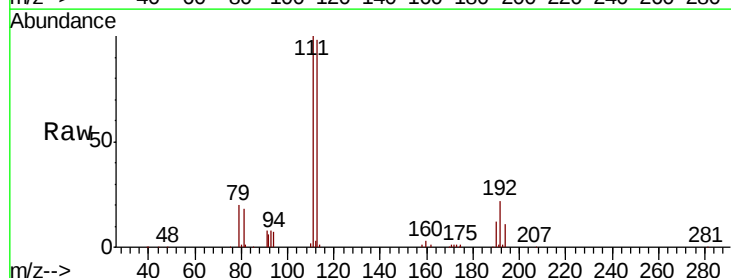


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

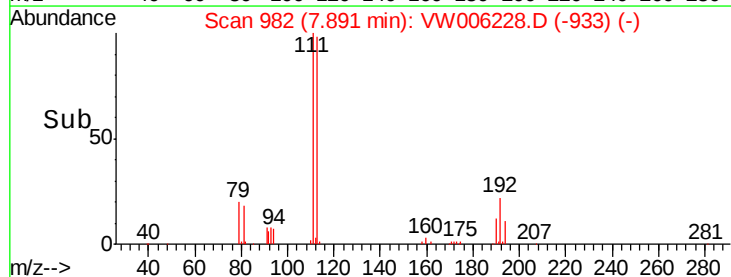
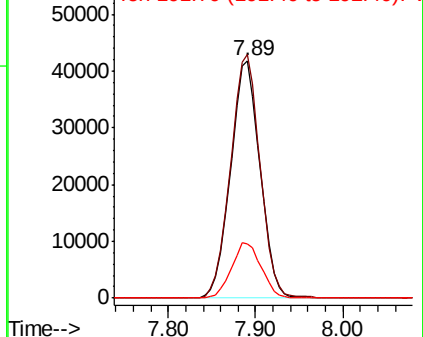


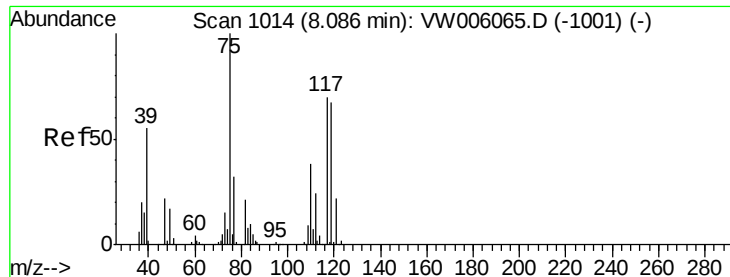
#35
 Dibromofluoromethane
 Concen: 71.594 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006228.D
 Acq: 19 Oct 2018 16:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.0
192	23.5	18.7	28.1



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

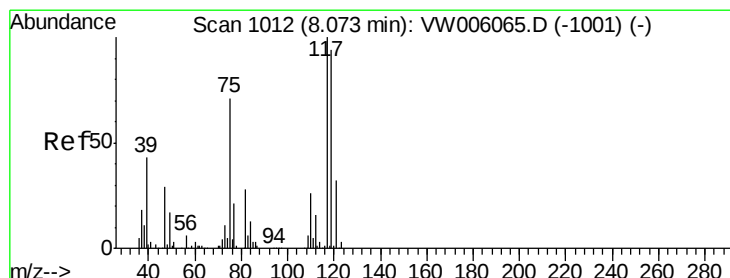
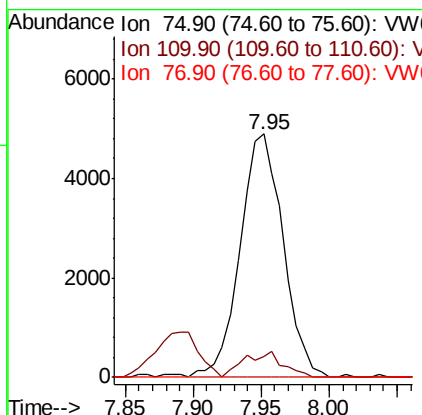
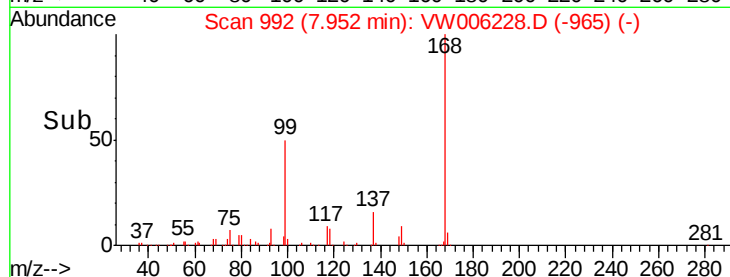
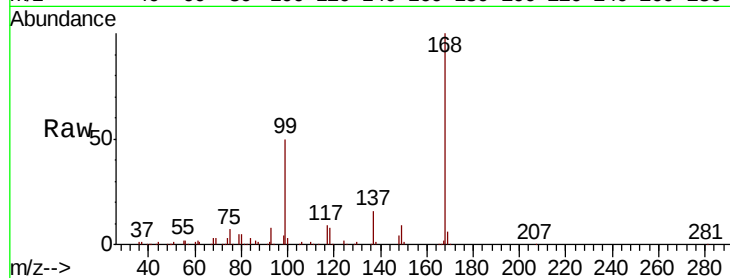




#36
 1,1-Dichloropropene
 Concen: 5.067 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006228.D
 Acq: 19 Oct 2018 16:37

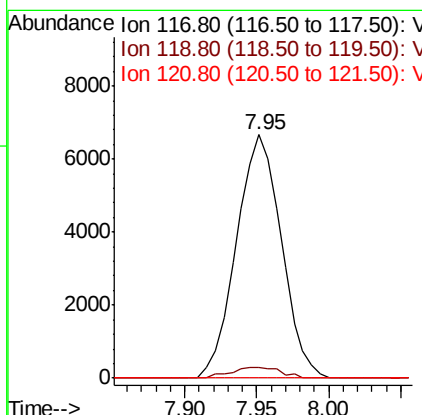
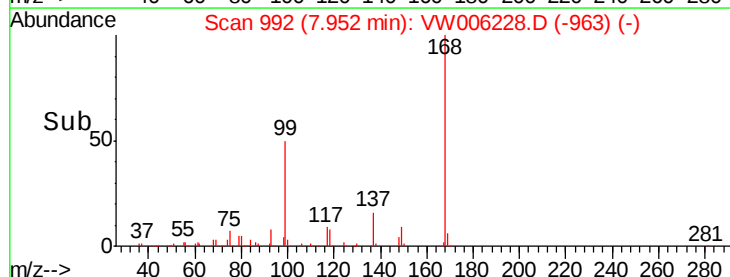
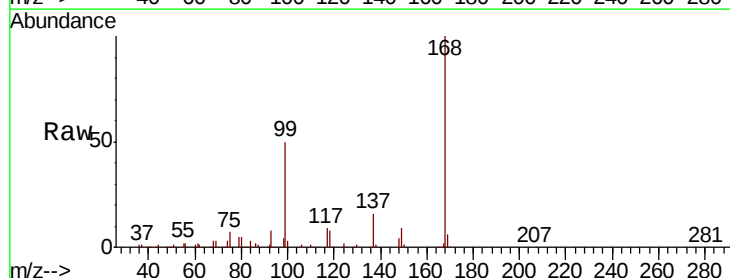
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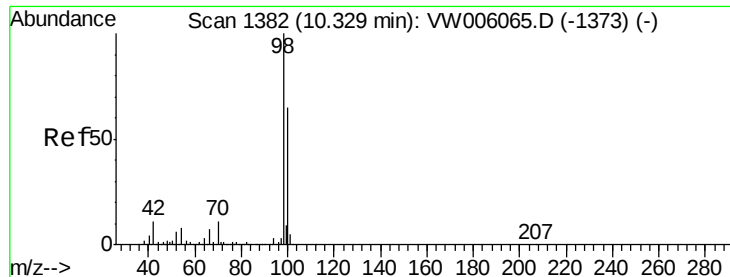
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.172 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006228.D
 Acq: 19 Oct 2018 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 68.015 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006228.D

Acq: 19 Oct 2018 16:37

Instrument :

MSVOA_W

ClientSampleId :

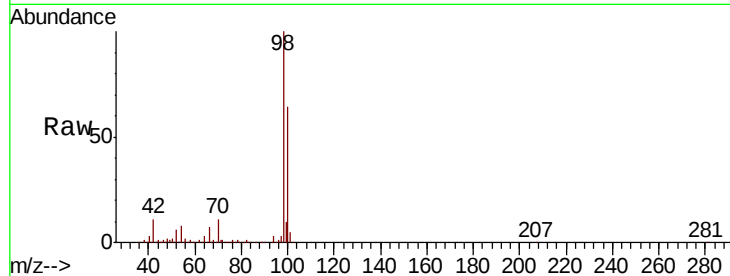
SSSI-1017-S-DH-19RE

Tot Ion: 98 Resp: 353773

Ion Ratio Lower Upper

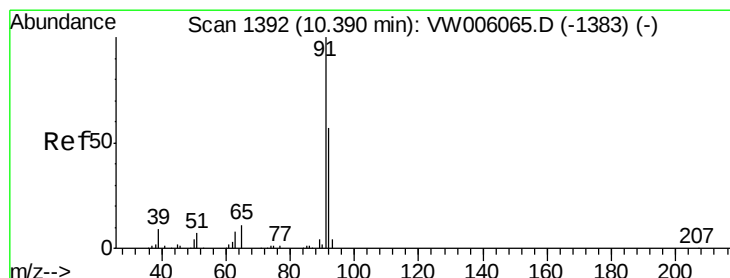
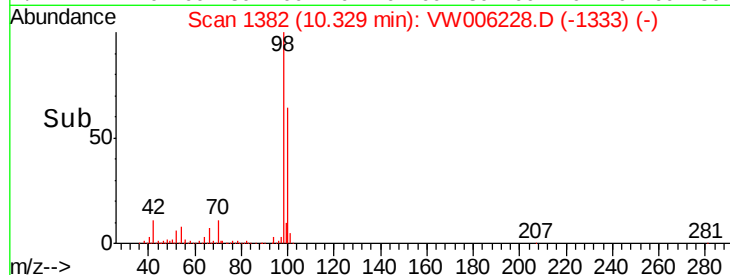
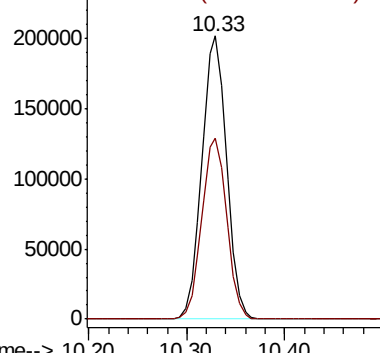
98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.389 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006228.D

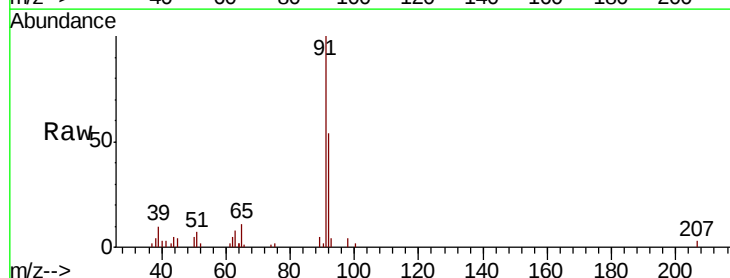
Acq: 19 Oct 2018 16:37

Tgt Ion: 92 Resp: 5447

Ion Ratio Lower Upper

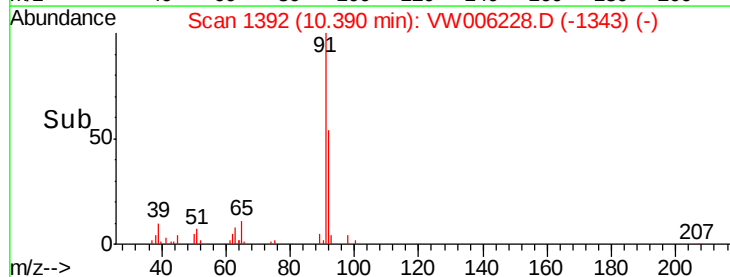
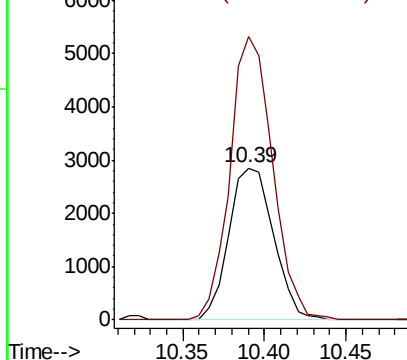
92 100

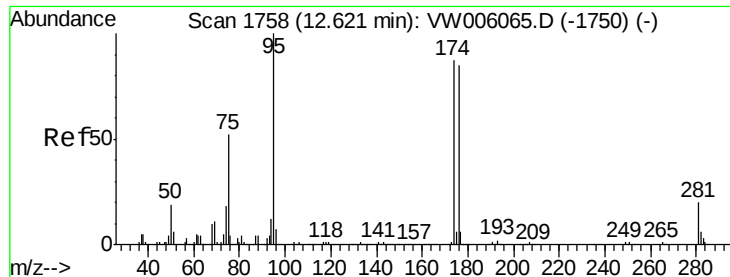
91 177.9 140.0 210.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

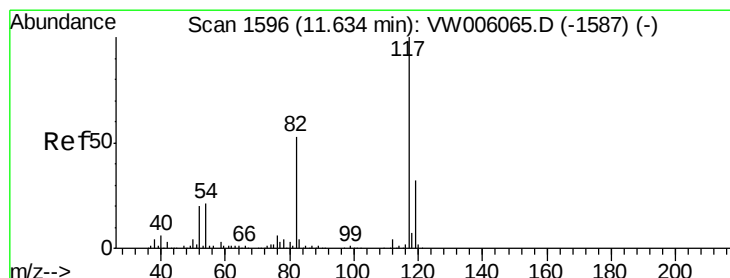
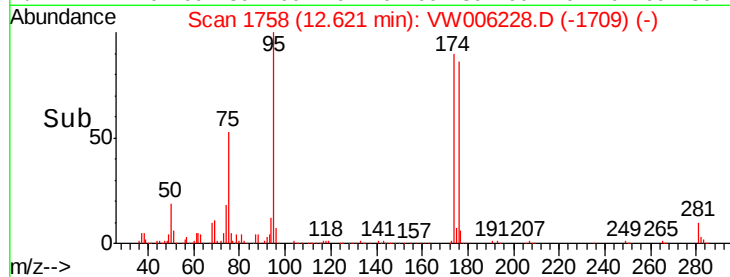
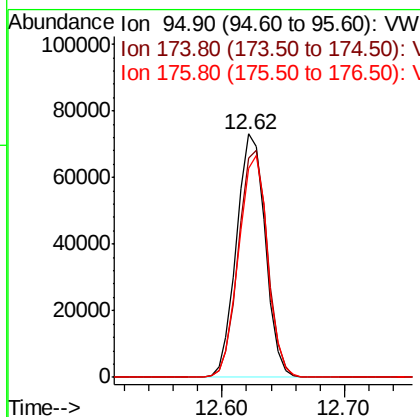
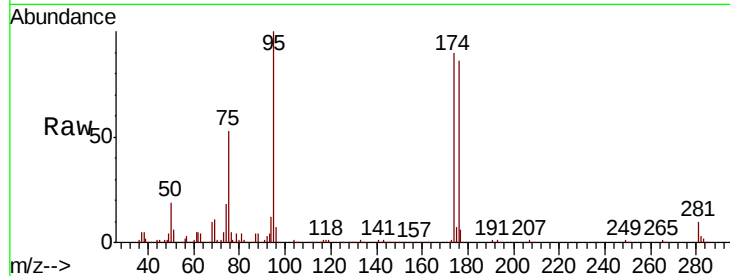




#62
4-Bromofluorobenzene
Concen: 60.963 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006228.D
Acq: 19 Oct 2018 16:37

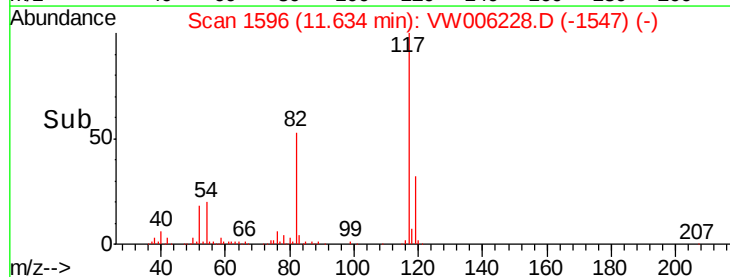
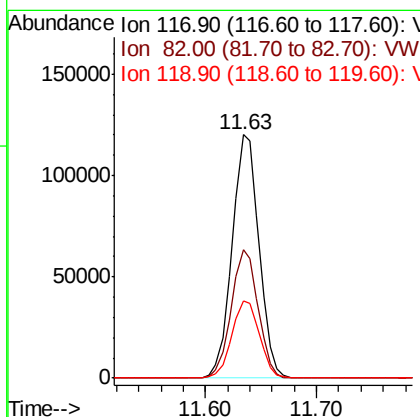
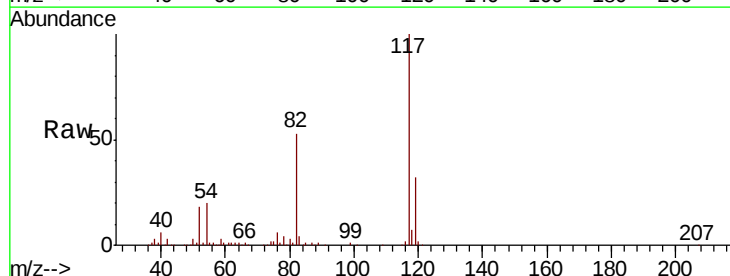
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1017-S-DH-19RE

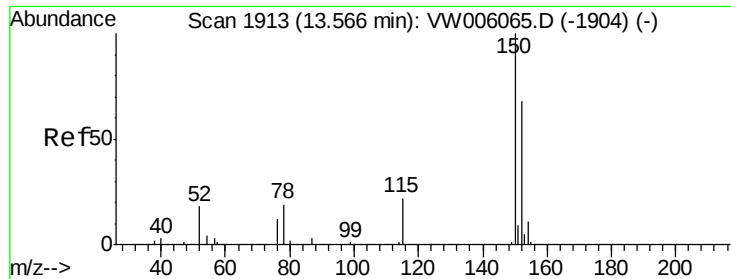
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	186.0
176	91.7	0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006228.D
Acq: 19 Oct 2018 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	31.8	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006228.D

Acq: 19 Oct 2018 16:37

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1017-S-DH-19RE

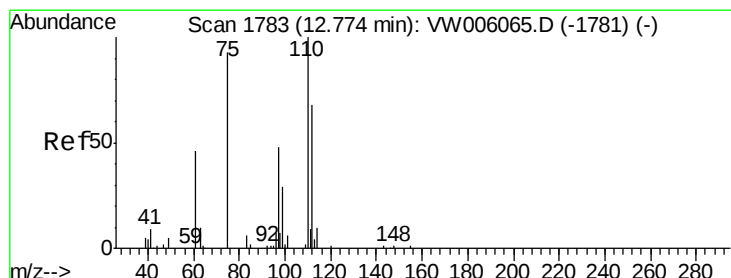
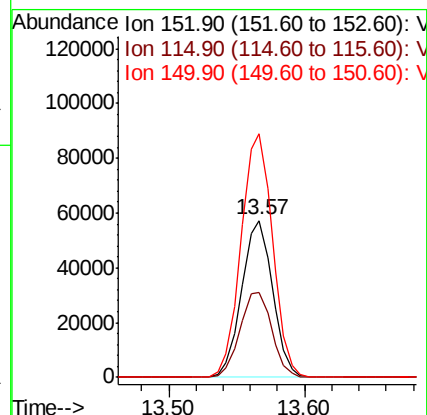
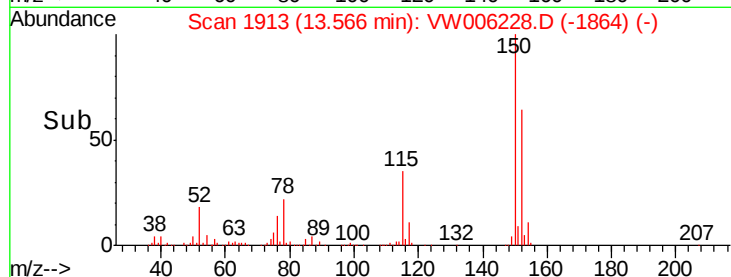
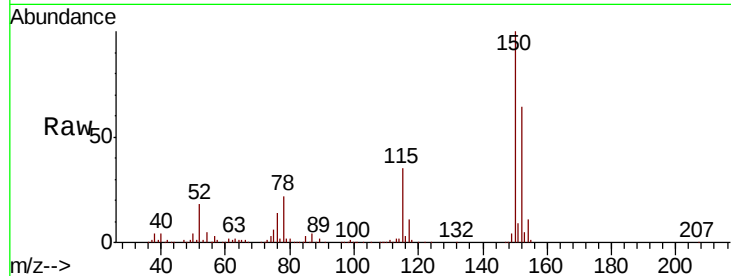
Tot Ion:152 Resp: 90903

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

150 158.4 0.0 349.2



#76

1,2,3-Trichloropropane

Concen: 87.470 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006228.D

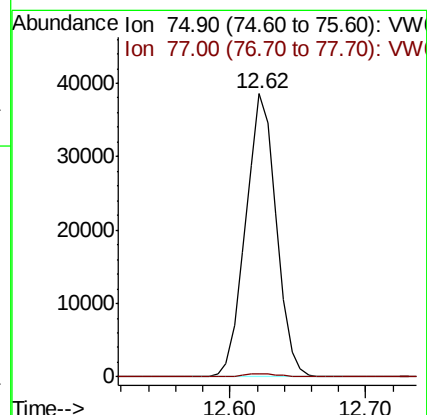
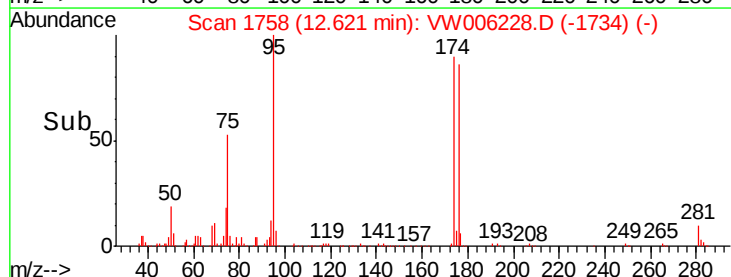
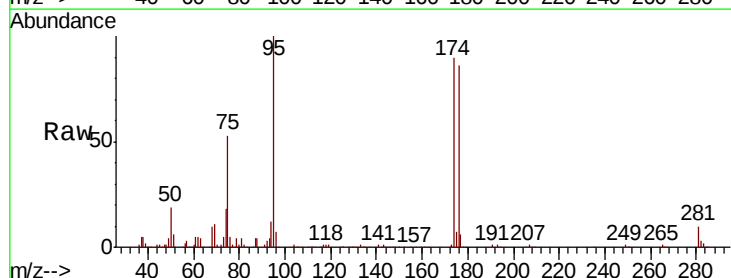
Acq: 19 Oct 2018 16:37

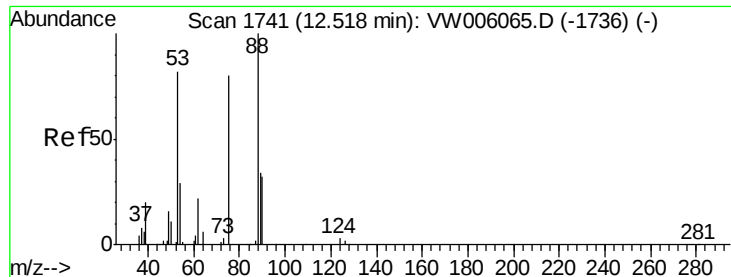
Tgt Ion: 75 Resp: 60732

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 209.087 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006228.D

Acq: 19 Oct 2018 16:37

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1017-S-DH-19RE

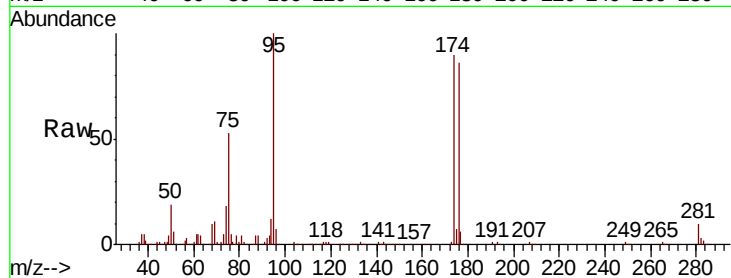
Tot Ion: 75 Resp: 60732

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

