

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006174.D
 Acq On : 18 Oct 2018 14:35
 Operator : VA/AP
 Sample : J5575-01
 Misc : 5.29G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-28

Quant Time: Oct 19 06:01:40 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	281312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	401529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194434	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	109135	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
35) Dibromofluoromethane	7.89	113	110408	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
50) Toluene-d8	10.33	98	409700	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.62	95	152359	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	

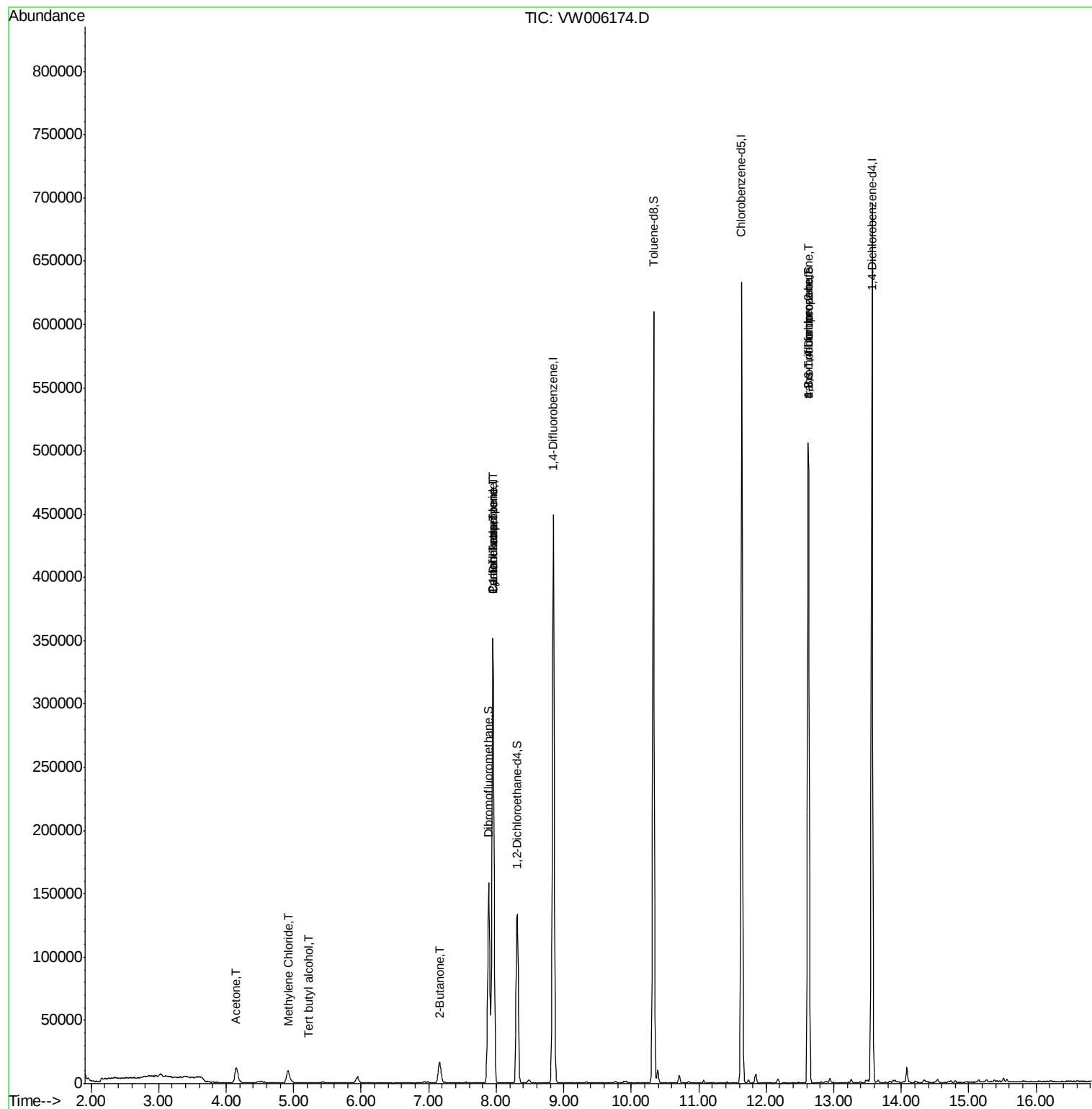
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	1293	8.243	ug/l #	71
16) Acetone	4.14	43	25045	45.107	ug/l	94
20) Methylene Chloride	4.91	84	7784	1.578	ug/l	94
25) 2-Butanone	7.15	43	780	1.238	ug/l #	46
31) Cyclohexane	7.95	56	5199	1.218	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	18385	4.968	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25071	6.179	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	77924	52.471	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77924	125.426	ug/l #	10

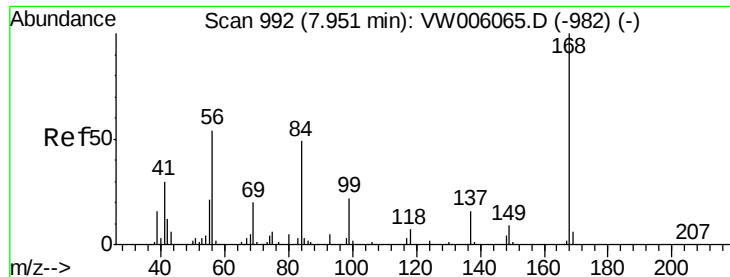
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006174.D

Acq: 18 Oct 2018 14:35

Instrument :

MSVOA_W

ClientSampleId :

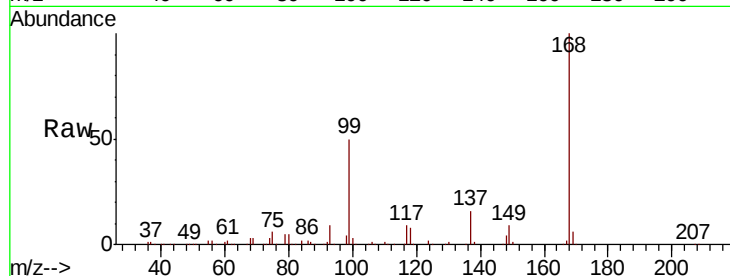
SSSI-1015-S-DH-28

Tot Ion:168 Resp: 281312

Ion Ratio Lower Upper

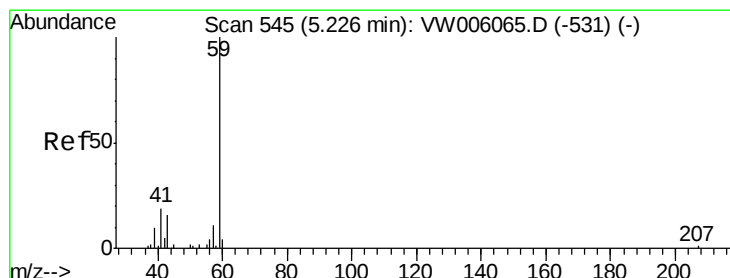
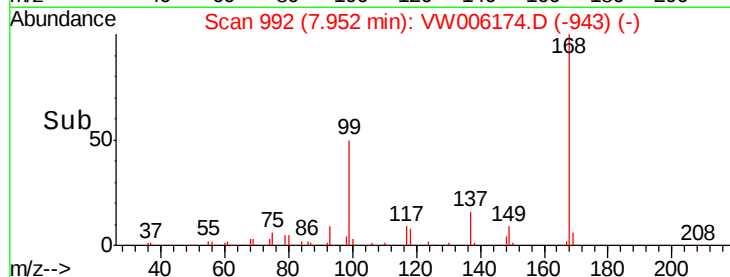
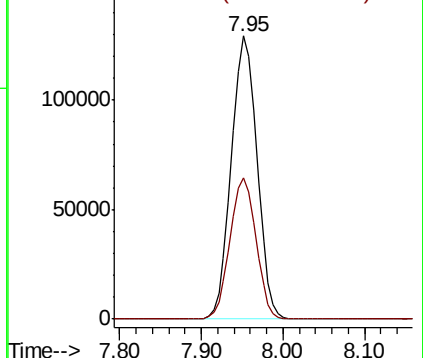
168 100

99 49.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 8.243 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW006174.D

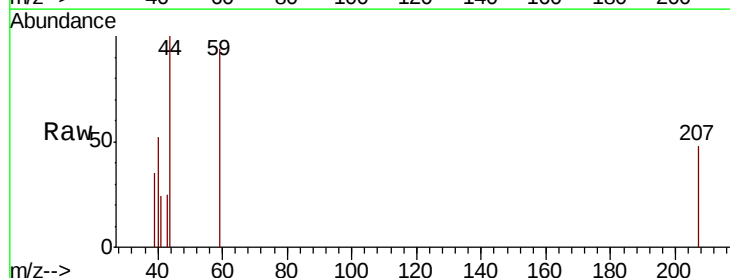
Acq: 18 Oct 2018 14:35

Tgt Ion: 59 Resp: 1293

Ion Ratio Lower Upper

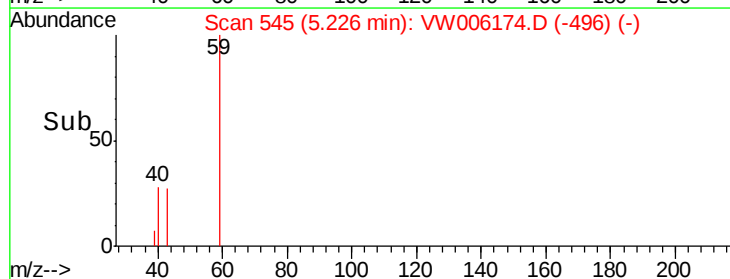
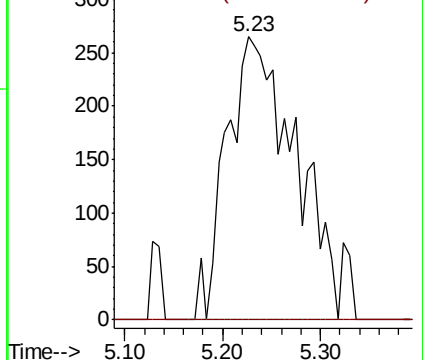
59 100

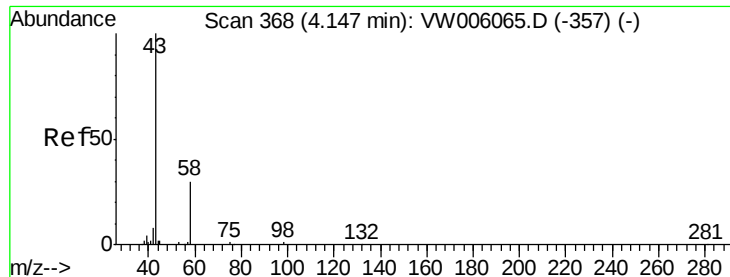
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 45.107 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006174.D

Acq: 18 Oct 2018 14:35

Instrument :

MSVOA_W

ClientSampleId :

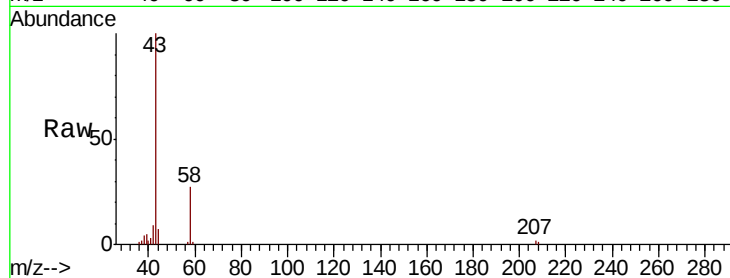
SSSI-1015-S-DH-28

Tot Ion: 43 Resp: 25045

Ion Ratio Lower Upper

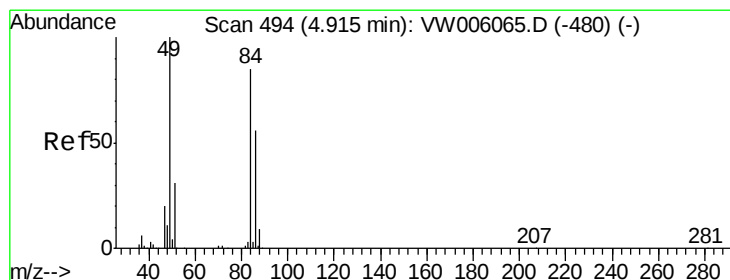
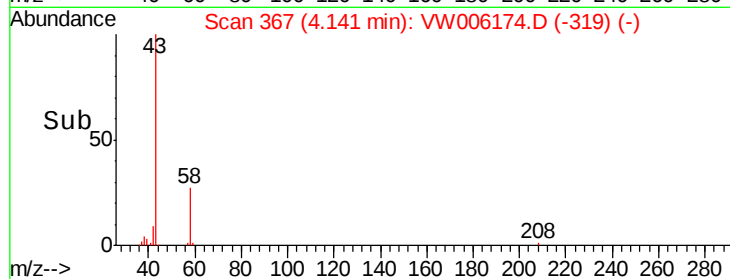
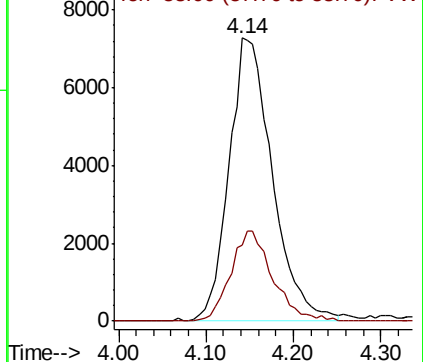
43 100

58 26.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.578 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006174.D

Acq: 18 Oct 2018 14:35

Tgt Ion: 84 Resp: 7784

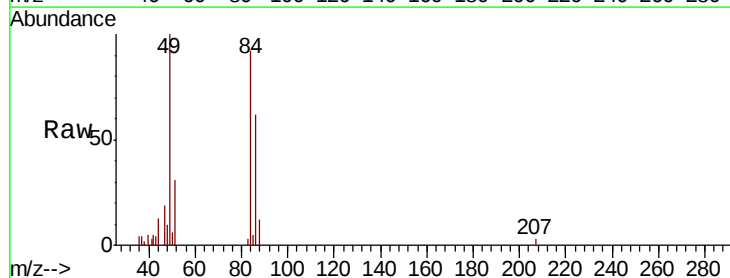
Ion Ratio Lower Upper

84 100

49 108.2 93.6 140.4

51 33.0 29.0 43.4

86 66.9 52.6 79.0

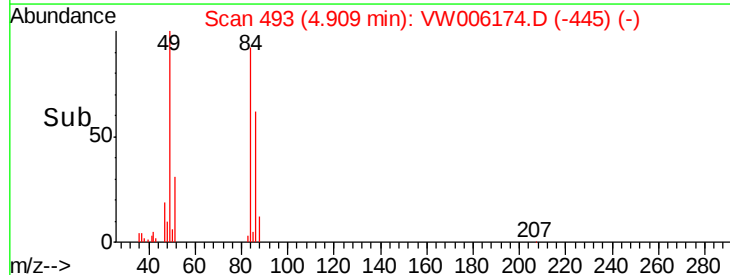
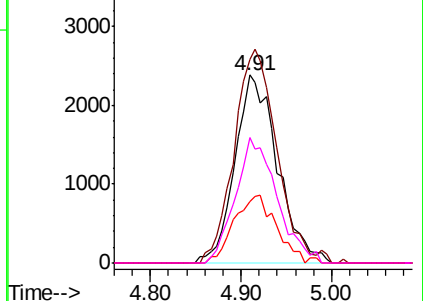


Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 1.238 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006174.D

Acq: 18 Oct 2018 14:35

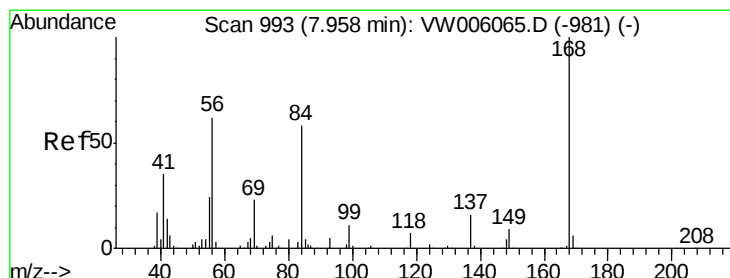
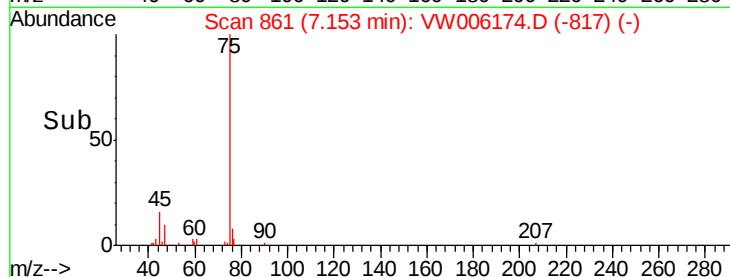
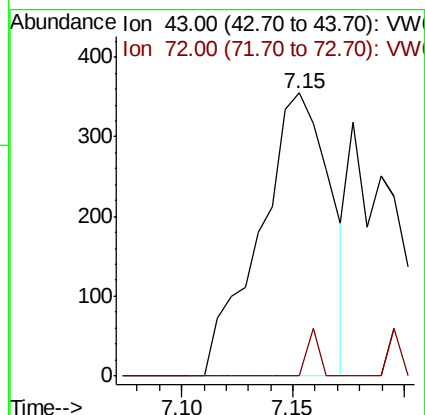
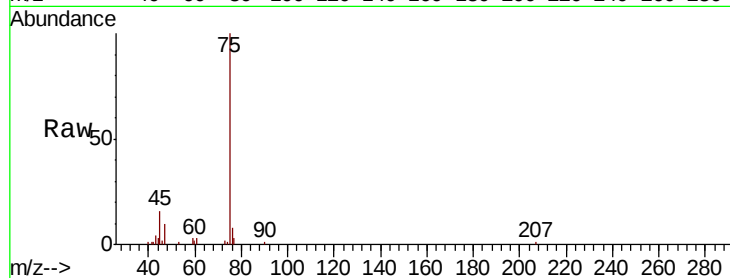
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-28

Tot Ion: 43 Resp: 780

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



#31

Cyclohexane

Concen: 1.218 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006174.D

Acq: 18 Oct 2018 14:35

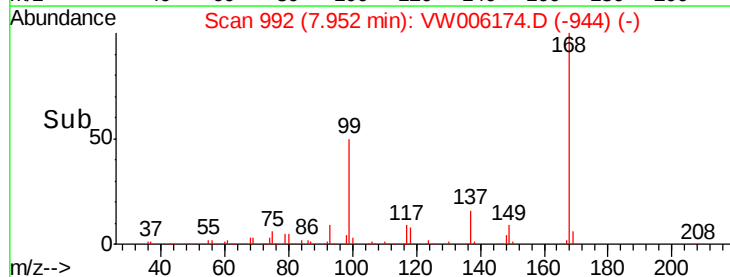
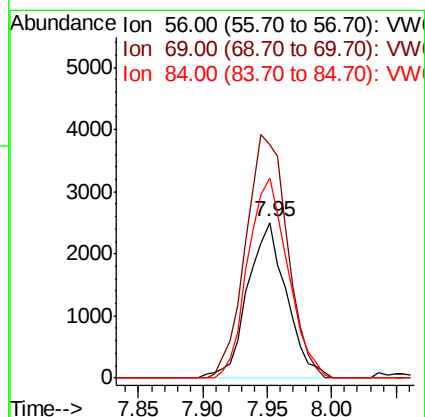
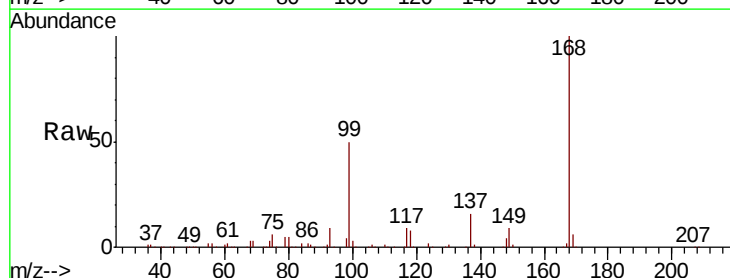
Tgt Ion: 56 Resp: 5199

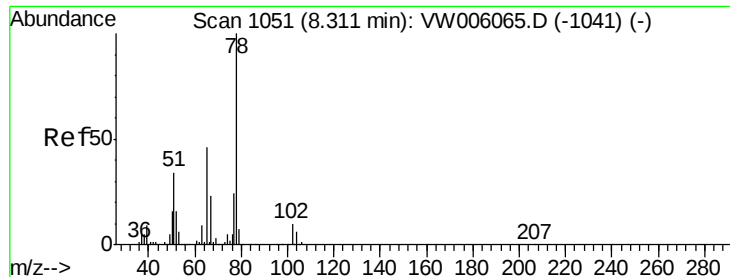
Ion Ratio Lower Upper

56 100

69 150.0 29.4 44.0#

84 128.8 74.0 111.0#





#33

1,2-Dichloroethane-d4

Concen: 46.794 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006174.D

Acq: 18 Oct 2018 14:35

Instrument :

MSVOA_W

ClientSampleId :

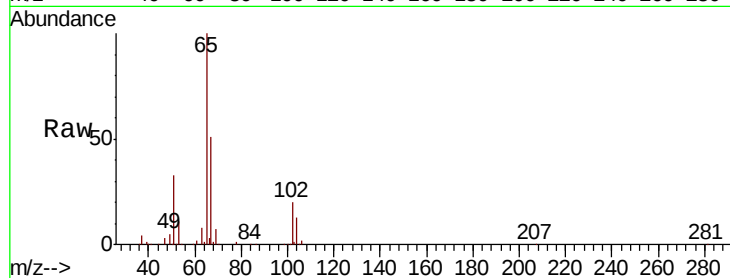
SSSI-1015-S-DH-28

Tot Ion: 65 Resp: 109135

Ion Ratio Lower Upper

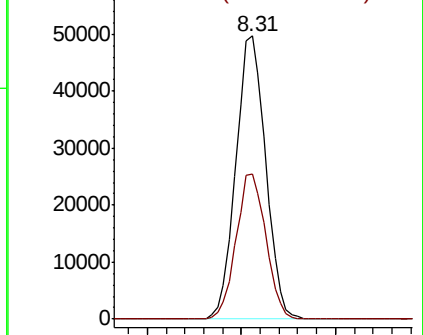
65 100

67 51.2 0.0 101.0

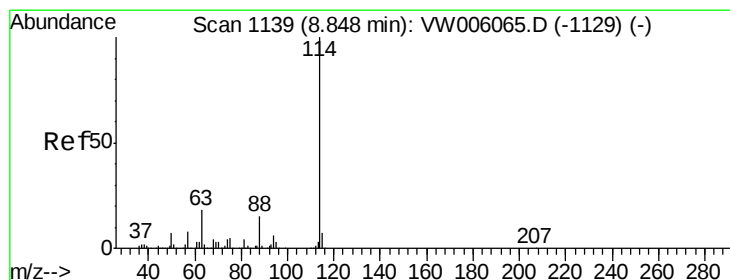
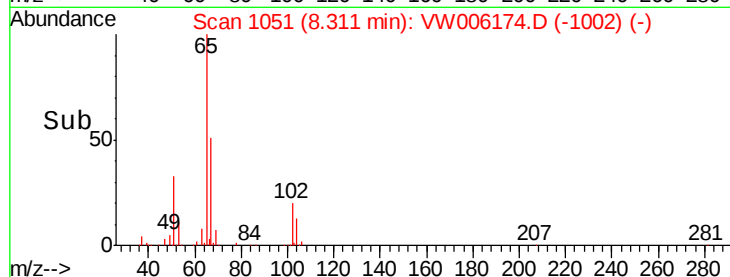


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006174.D

Acq: 18 Oct 2018 14:35

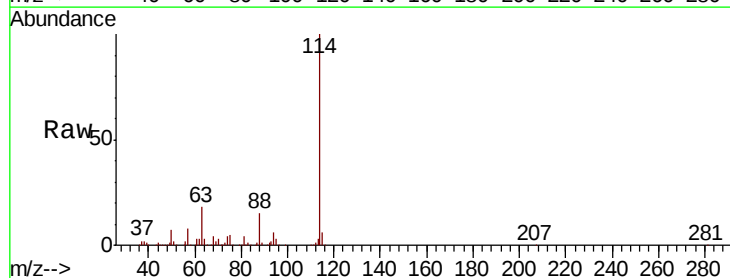
Tgt Ion: 114 Resp: 401529

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

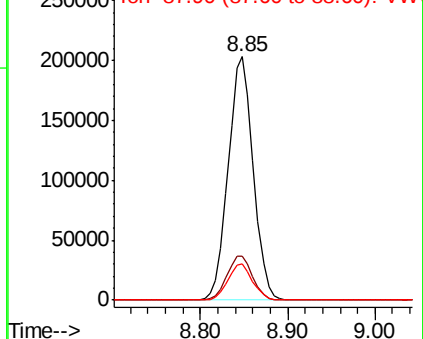
88 15.0 0.0 29.0



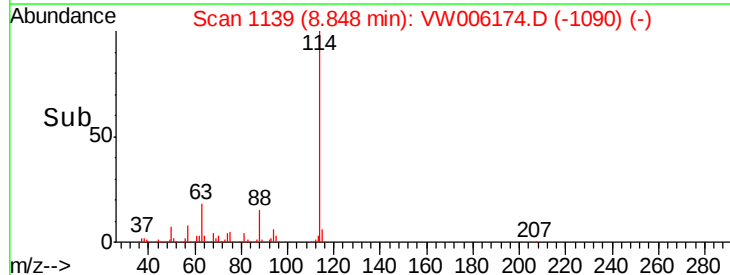
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time-->

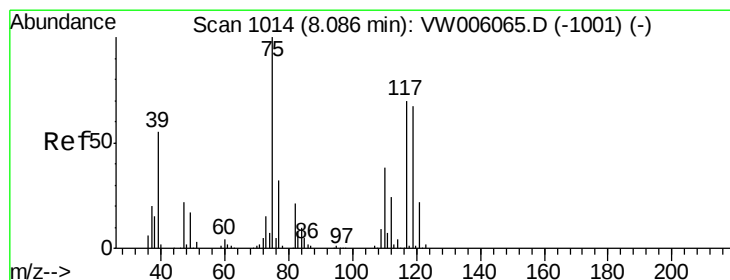
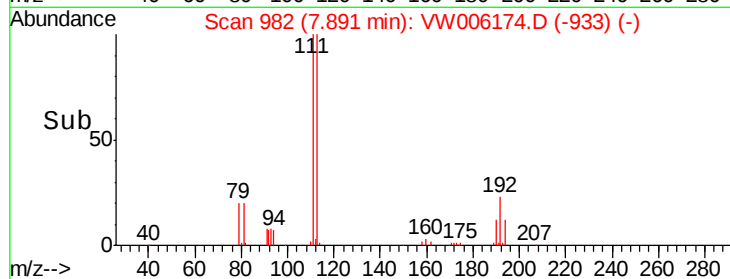
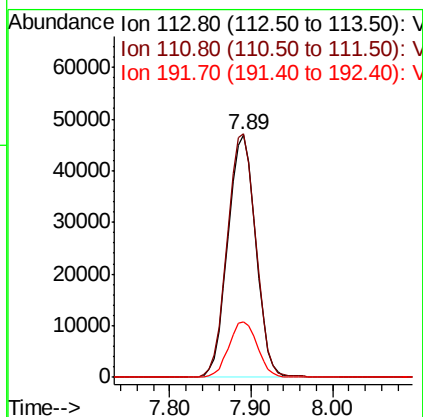
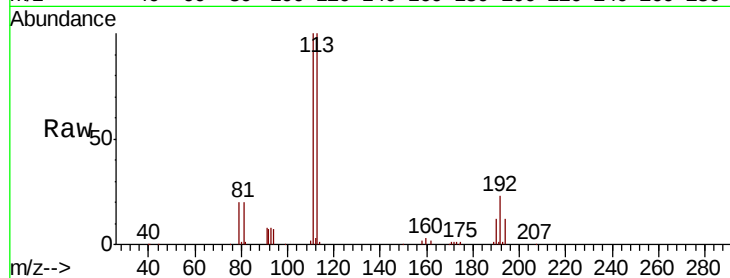




#35
 Dibromofluoromethane
 Concen: 46.534 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006174.D
 Acq: 18 Oct 2018 14:35

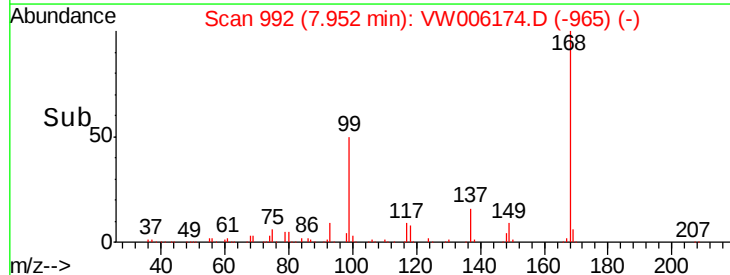
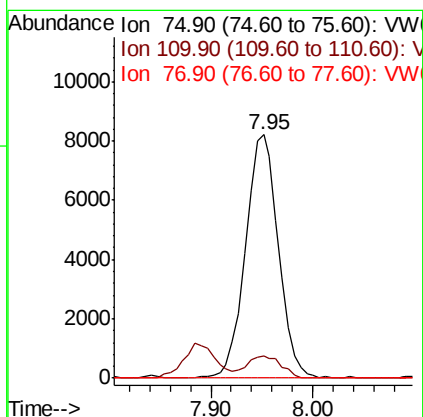
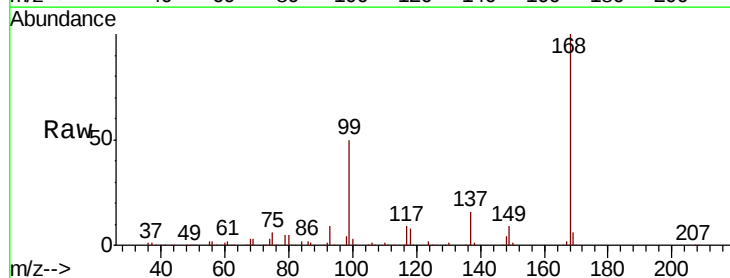
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-28

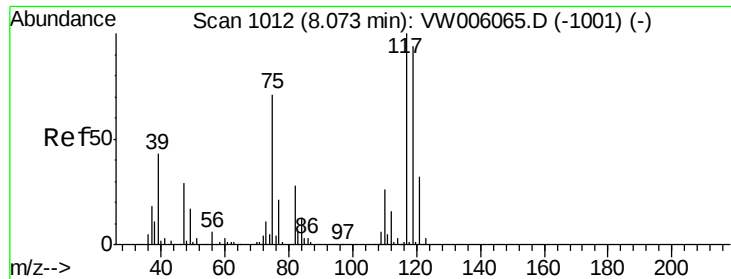
Tot Ion:113 Resp: 110408
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.4 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.968 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006174.D
 Acq: 18 Oct 2018 14:35

Tgt Ion: 75 Resp: 18385
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.1 57.1#
 77 0.0 25.0 37.4#

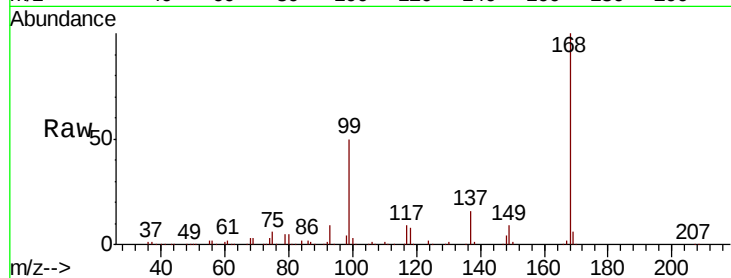




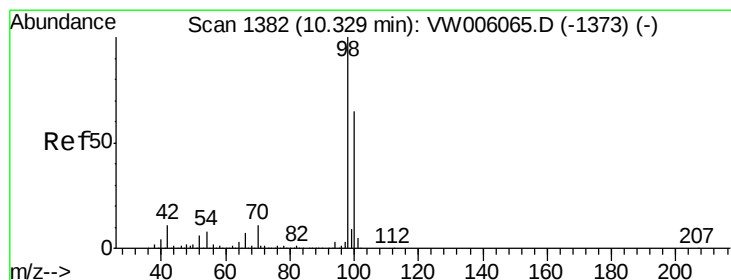
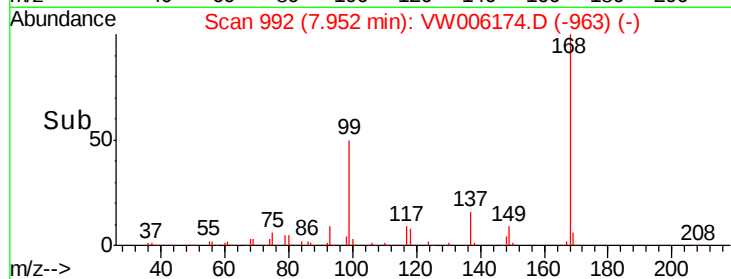
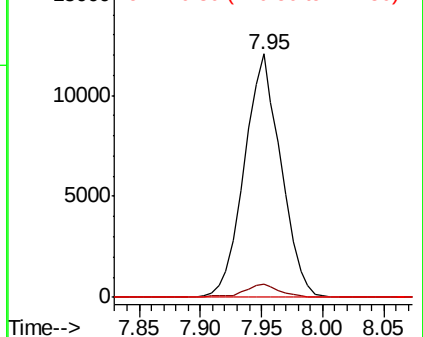
#38
Carbon Tetrachloride
Concen: 6.179 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006174.D
Acq: 18 Oct 2018 14:35

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-28

Tot Ion:117 Resp: 25071
Ion Ratio Lower Upper
117 100
119 5.3 75.2 112.8#
121 0.0 25.3 37.9#

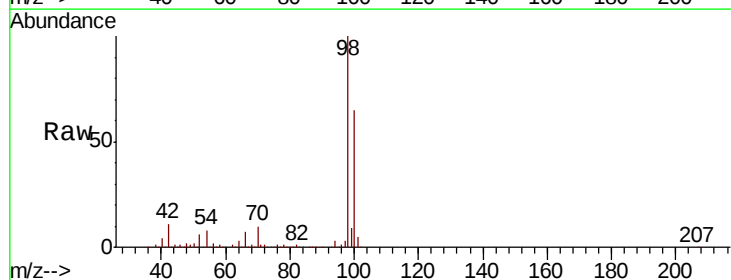


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

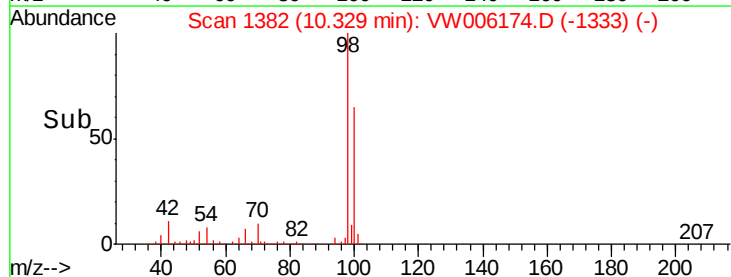
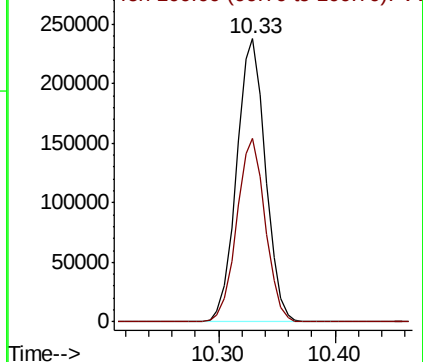


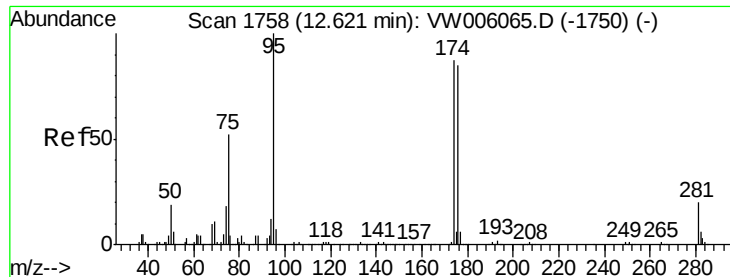
#50
Toluene-d8
Concen: 45.388 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006174.D
Acq: 18 Oct 2018 14:35

Tgt Ion: 98 Resp: 409700
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



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

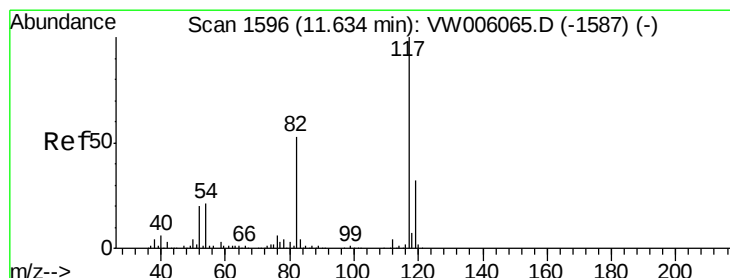
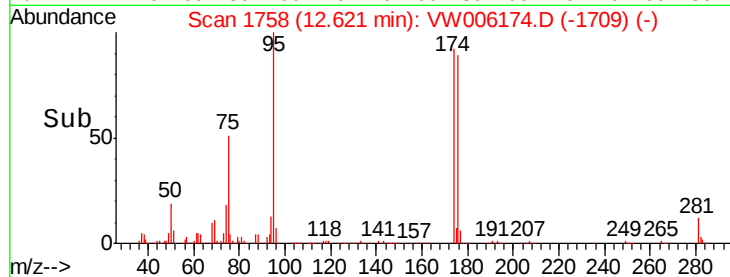
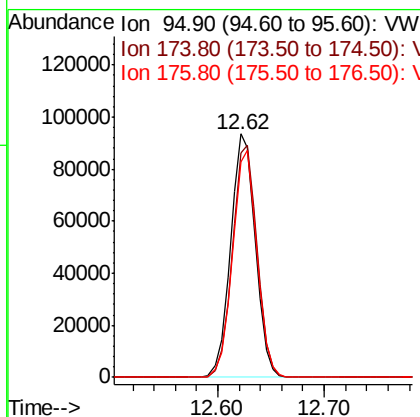
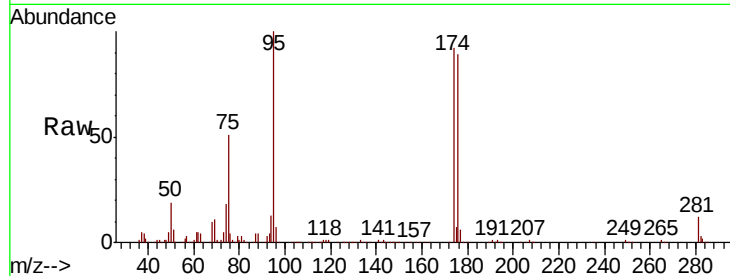




#62
4-Bromofluorobenzene
Concen: 44.940 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006174.D
Acq: 18 Oct 2018 14:35

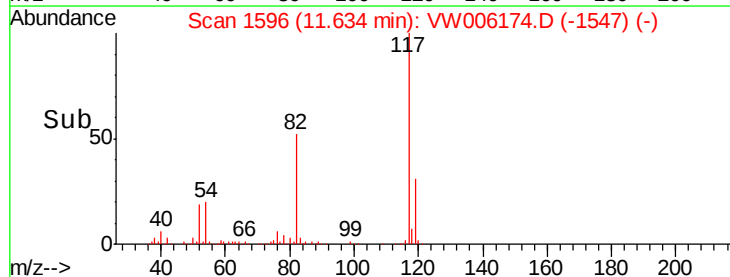
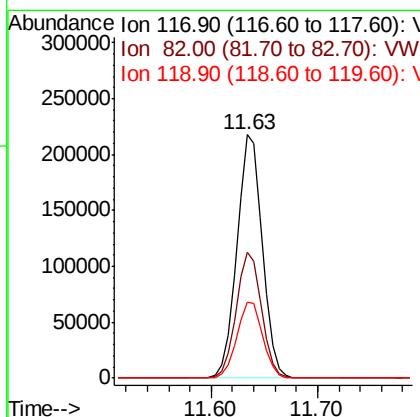
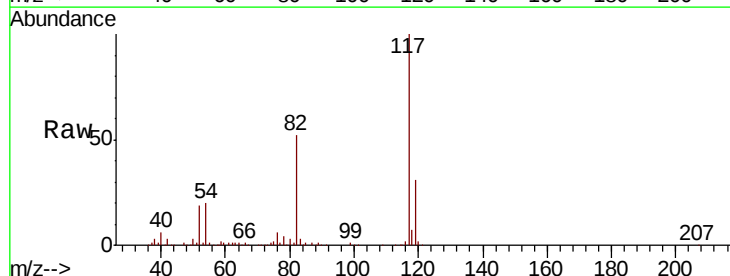
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-28

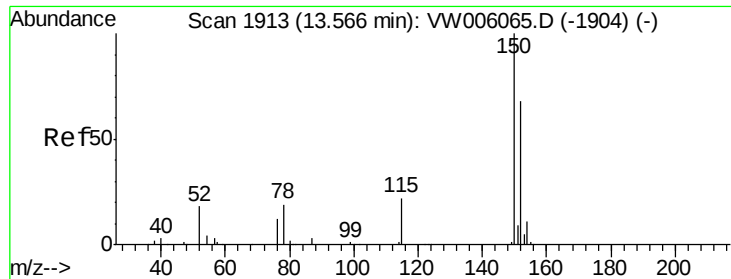
Tot Ion	95	Resp	152359
Ion Ratio	Lower	Upper	
95	100		
174	95.1	0.0	186.0
176	92.1	0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006174.D
Acq: 18 Oct 2018 14:35

Tgt Ion	117	Resp	363417
Ion Ratio	Lower	Upper	
117	100		
82	51.9	42.1	63.1
119	31.4	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: VW006174.D

Acq: 18 Oct 2018 14:35

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-28

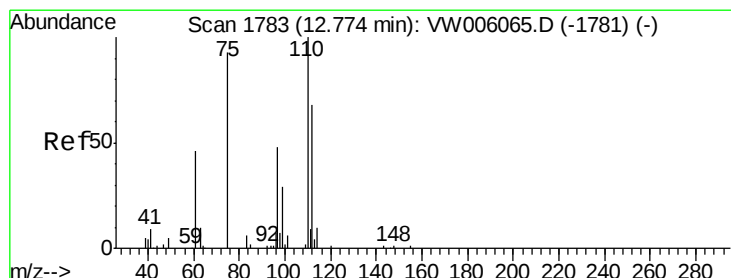
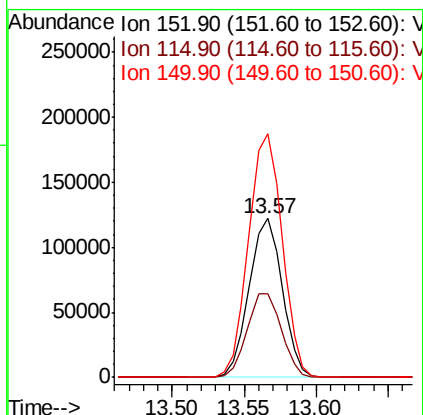
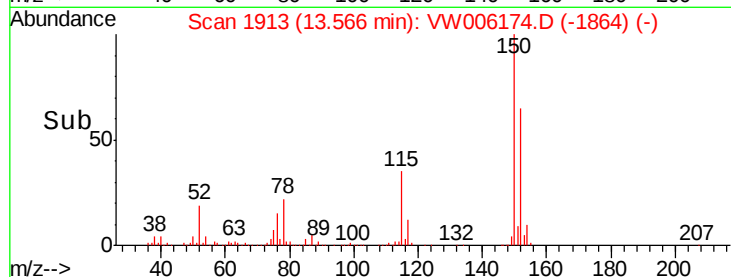
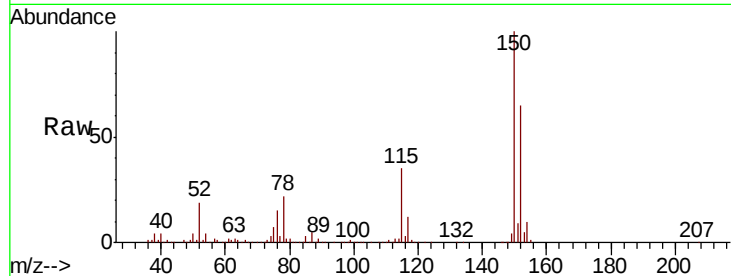
Tot Ion:152 Resp: 194434

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

150 155.3 0.0 349.2



#76

1,2,3-Trichloropropane

Concen: 52.471 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006174.D

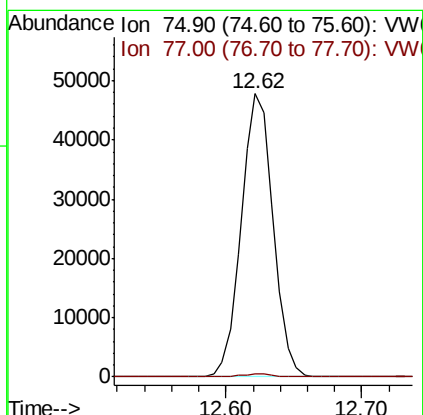
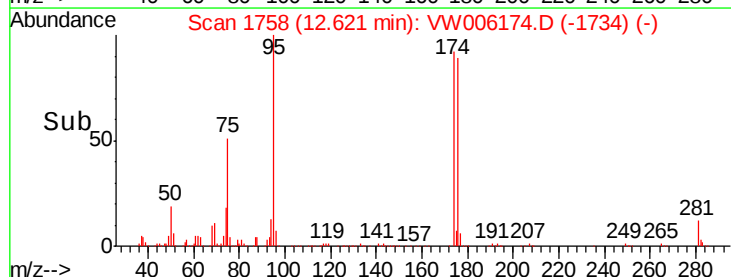
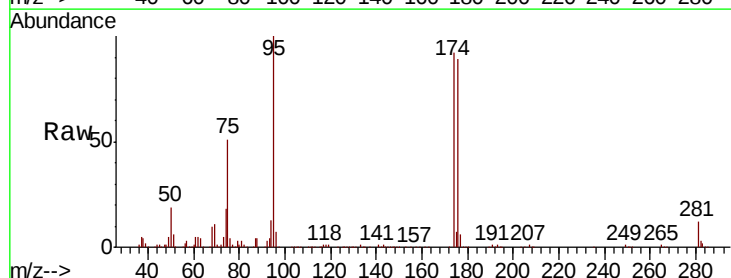
Acq: 18 Oct 2018 14:35

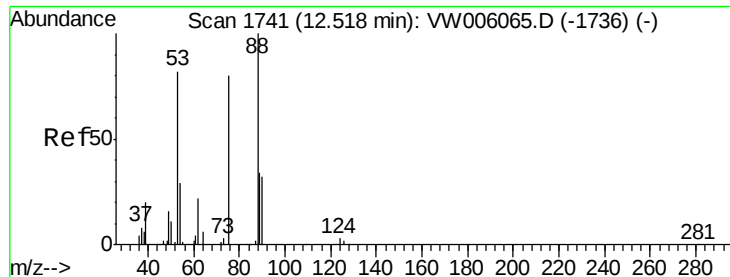
Tgt Ion: 75 Resp: 77924

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 125.426 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006174.D

Acq: 18 Oct 2018 14:35

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-28

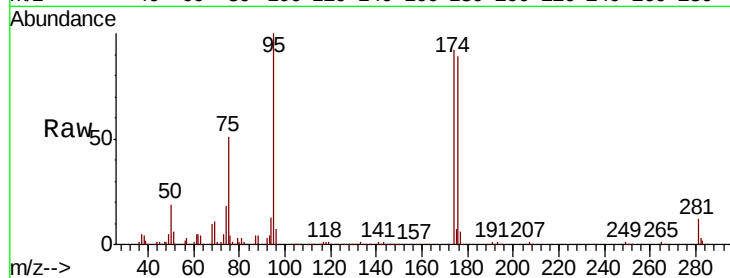
Tot Ion: 75 Resp: 77924

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 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

