

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006132.D
 Acq On : 17 Oct 2018 17:45
 Operator : VA/AP
 Sample : J5577-01
 Misc : 5.5G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1016-S-DH-22

Quant Time: Oct 18 10:43:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	410904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198125	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114631	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.89	113	115494	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	10.33	98	429622	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
62) 4-Bromofluorobenzene	12.62	95	160579	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

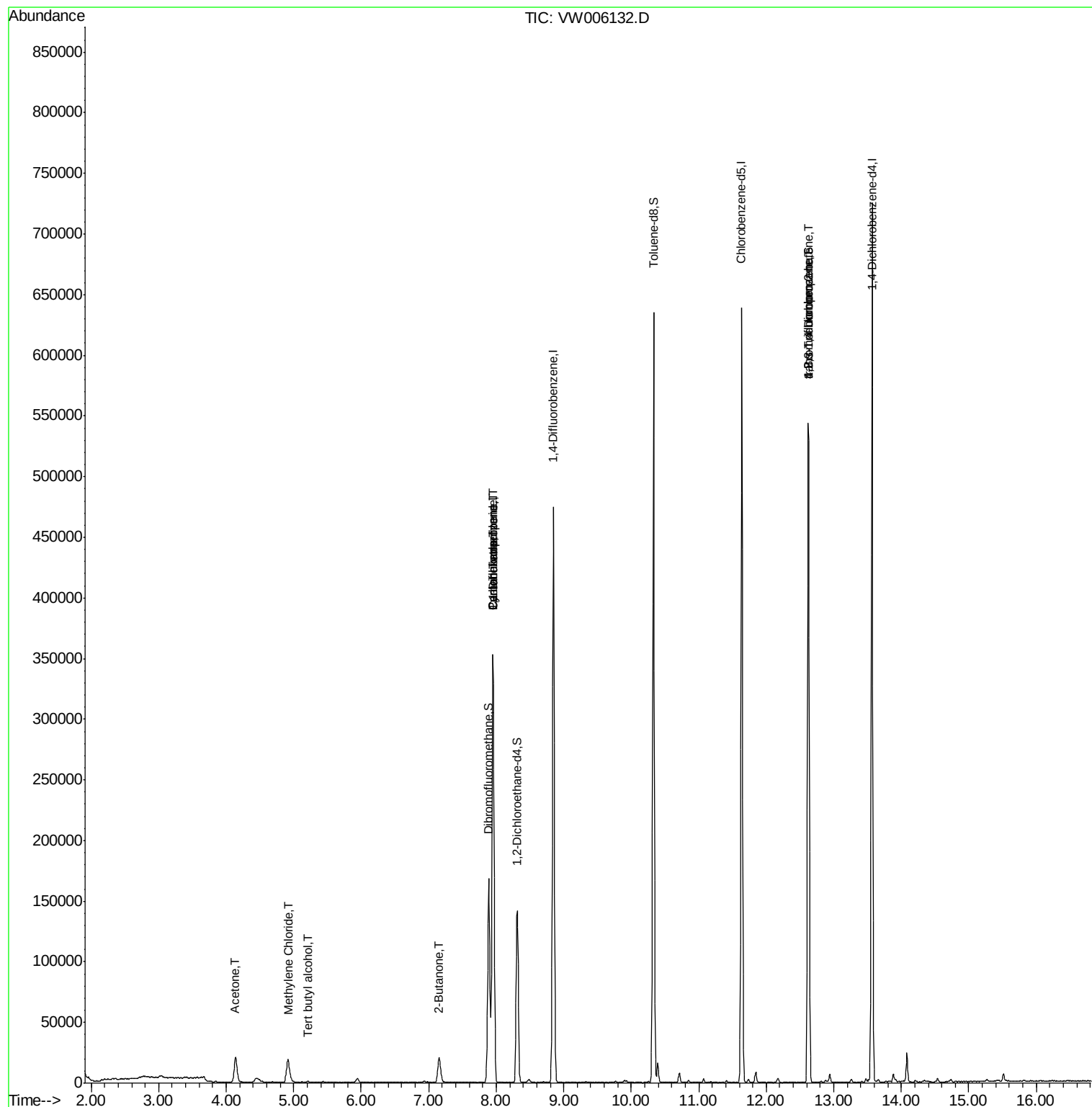
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	854	5.38	ug/l #	71
16) Acetone	4.14	43	40041	80.37	ug/l	98
20) Methylene Chloride	4.92	84	15697	4.81	ug/l	93
25) 2-Butanone	7.16	43	1534	2.41	ug/l	93
31) Cyclohexane	7.95	56	5423	1.26	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	18730	4.95	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25316	6.10	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	82614	54.59	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82614	130.50	ug/l #	10

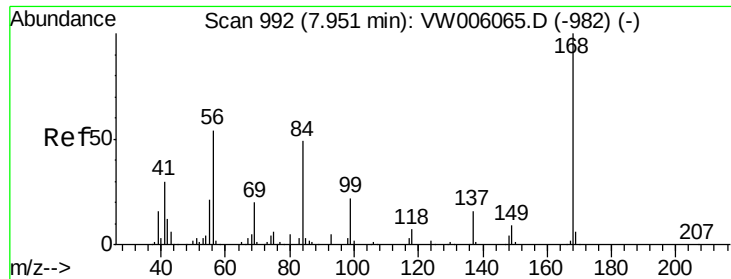
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006132.D

Acq: 17 Oct 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

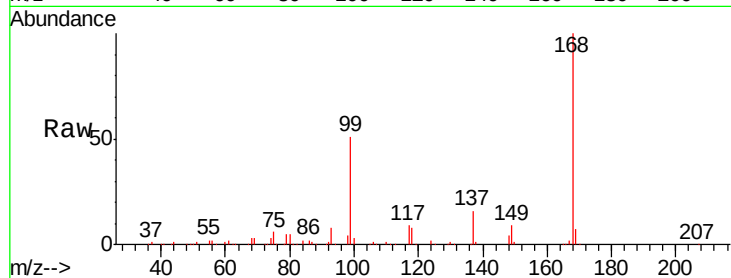
SSSI-1016-S-DH-22

Tgt Ion: 168 Resp: 284729

Ion Ratio Lower Upper

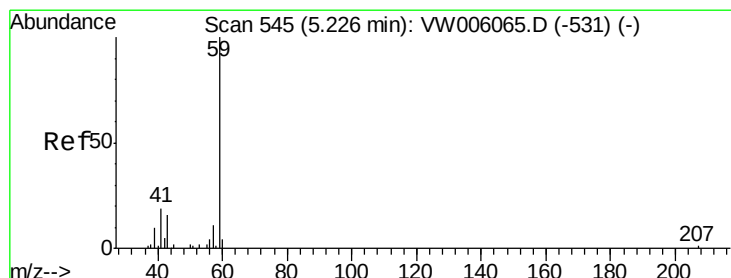
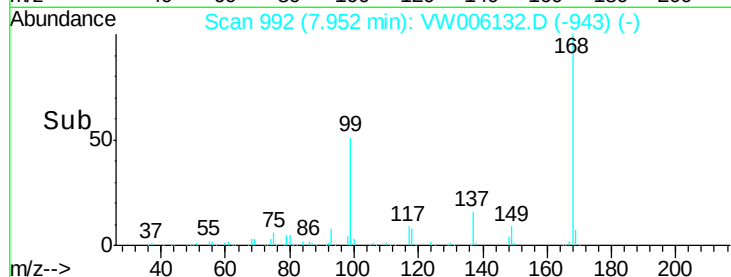
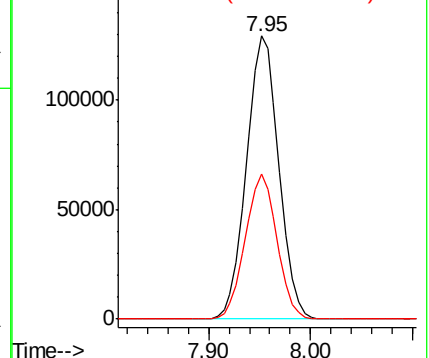
168 100

99 51.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.38 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.02 min

Lab File: VW006132.D

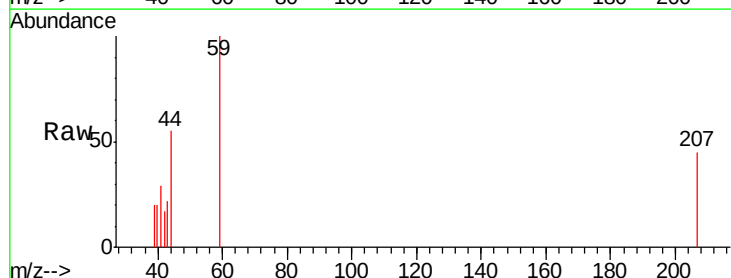
Acq: 17 Oct 2018 17:45

Tgt Ion: 59 Resp: 854

Ion Ratio Lower Upper

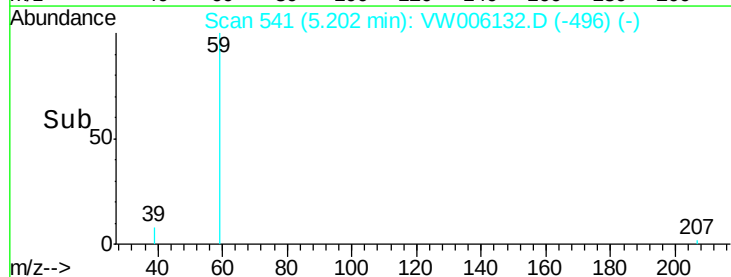
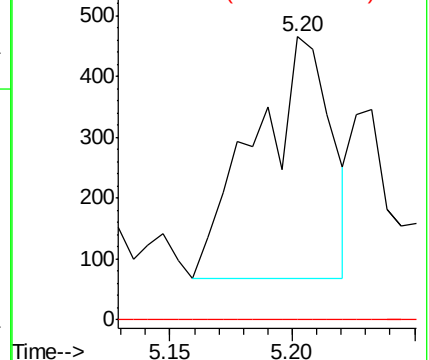
59 100

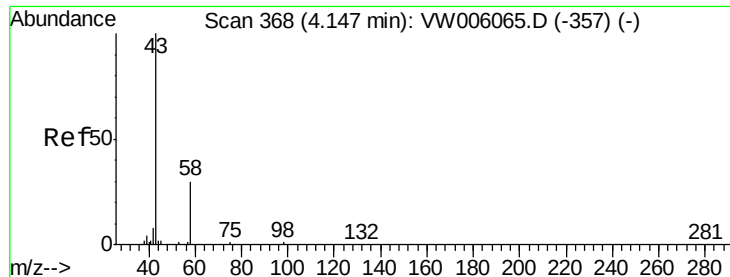
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 80.37 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006132.D

Acq: 17 Oct 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

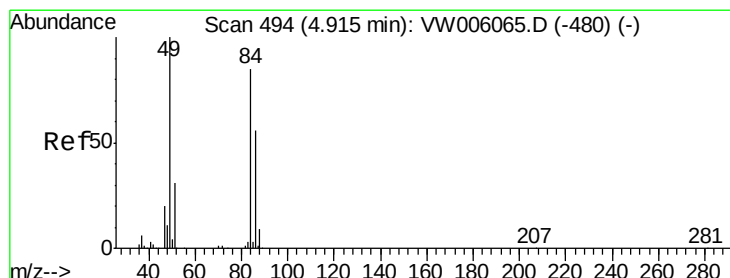
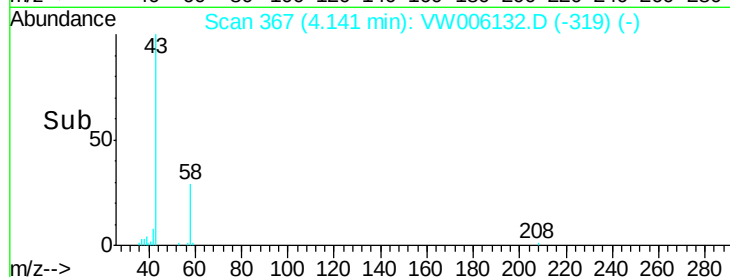
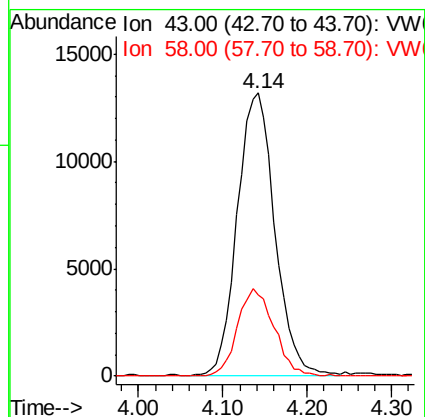
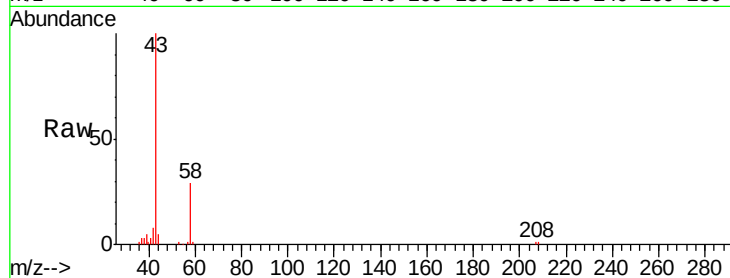
SSSI-1016-S-DH-22

Tgt Ion: 43 Resp: 40041

Ion Ratio Lower Upper

43 100

58 28.7 24.0 36.0



#20

Methylene Chloride

Concen: 4.81 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006132.D

Acq: 17 Oct 2018 17:45

Tgt Ion: 84 Resp: 15697

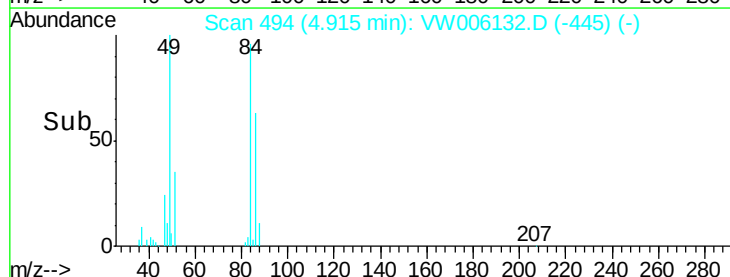
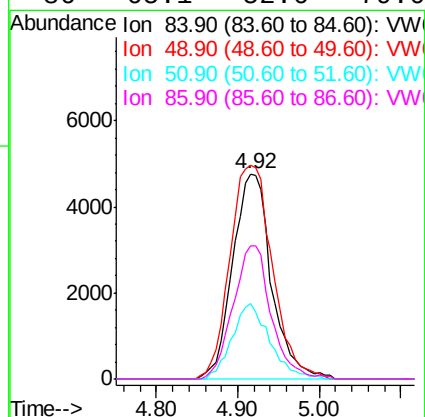
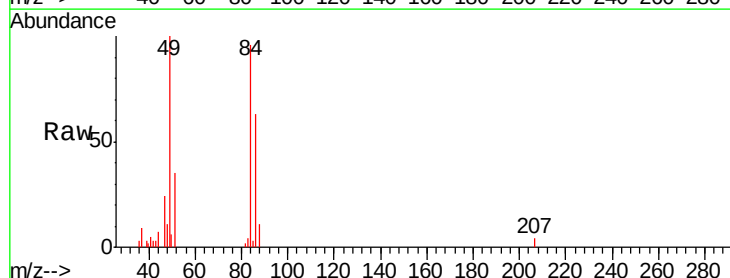
Ion Ratio Lower Upper

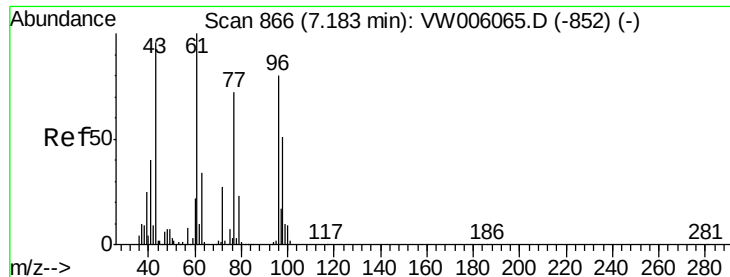
84 100

49 104.1 93.6 140.4

51 36.7 29.0 43.4

86 65.1 52.6 79.0





#25

2-Butanone

Concen: 2.41 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006132.D

Acq: 17 Oct 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

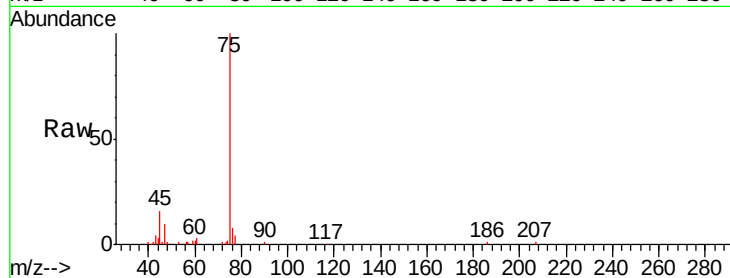
SSSI-1016-S-DH-22

Tgt Ion: 43 Resp: 1534

Ion Ratio Lower Upper

43 100

72 24.5 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.16

400

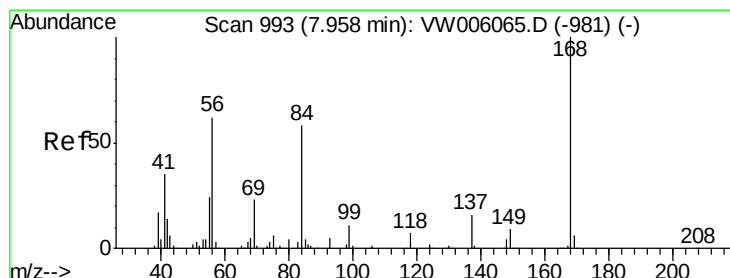
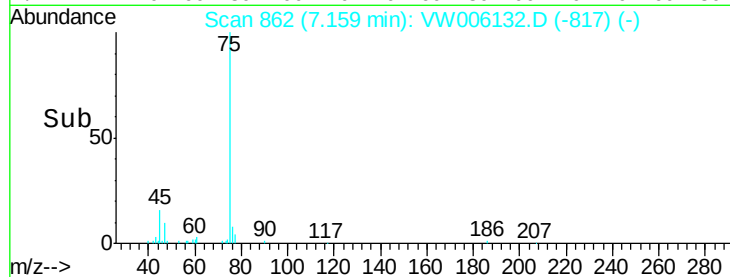
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 1.26 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006132.D

Acq: 17 Oct 2018 17:45

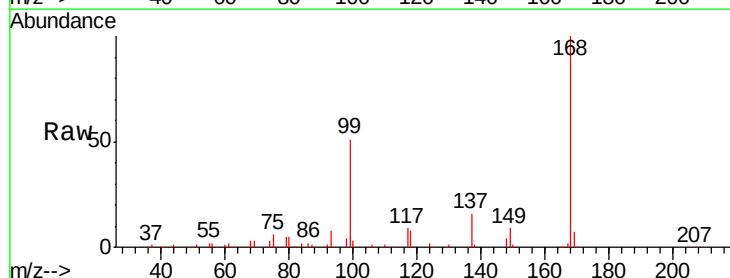
Tgt Ion: 56 Resp: 5423

Ion Ratio Lower Upper

56 100

69 176.1 29.4 44.0#

84 131.5 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

5000

4000

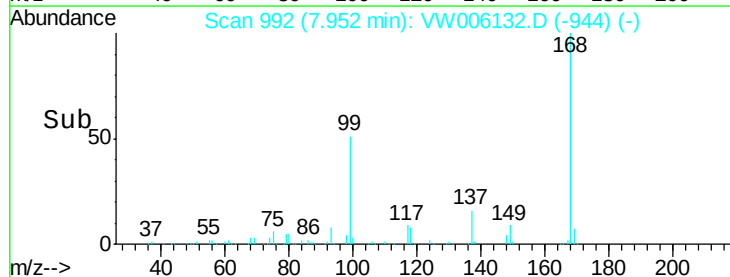
3000

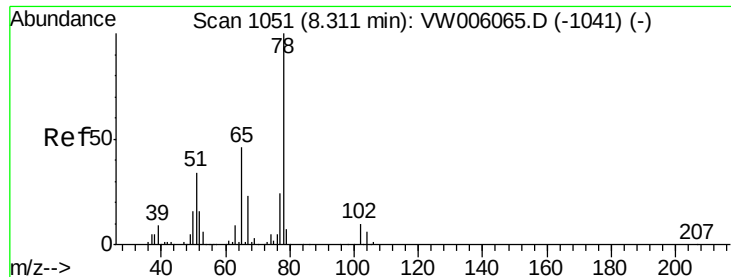
2000

1000

0

Time-->

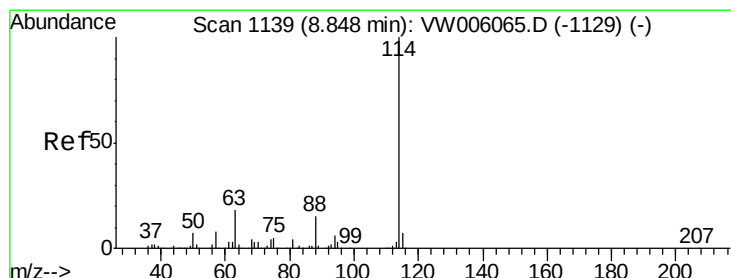
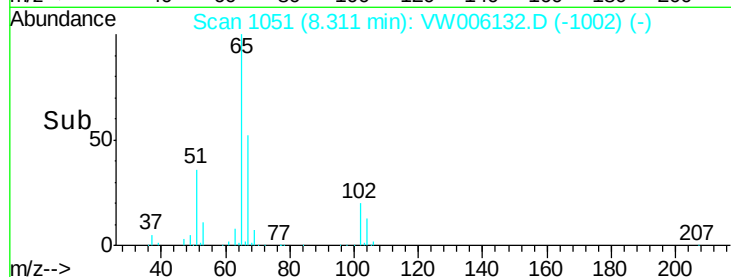
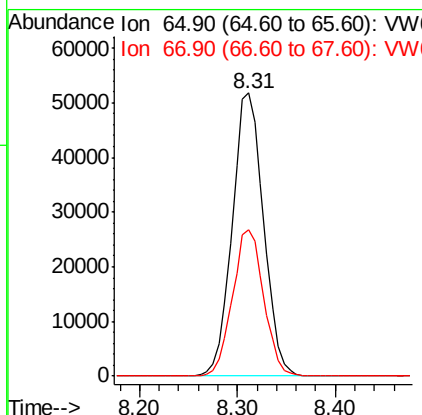
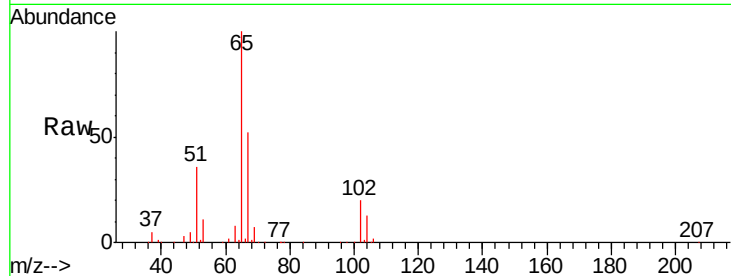




#33
 1,2-Dichloroethane-d4
 Concen: 48.56 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006132.D
 Acq: 17 Oct 2018 17:45

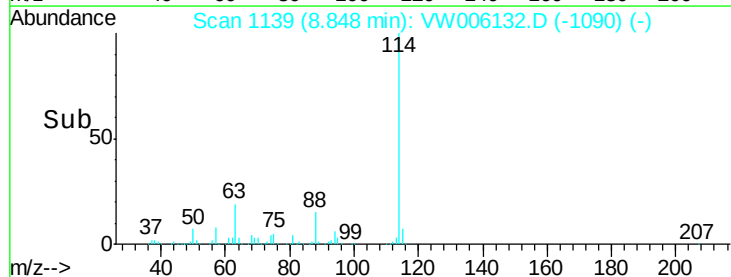
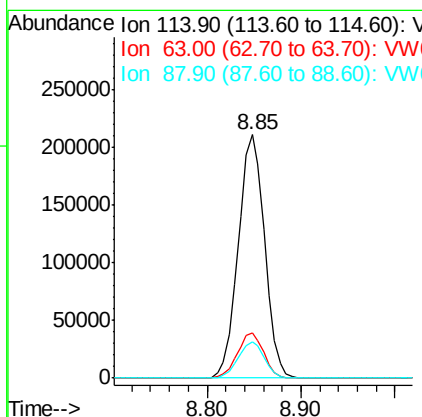
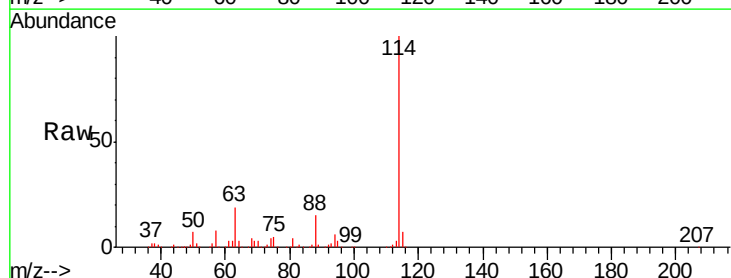
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1016-S-DH-22

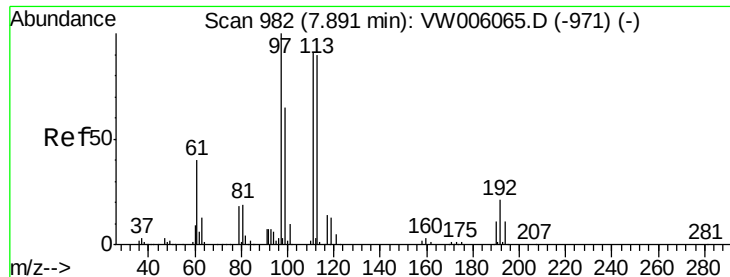
Tgt Ion: 65 Resp: 114631
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006132.D
 Acq: 17 Oct 2018 17:45

Tgt Ion: 114 Resp: 410904
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.8
 88 15.0 0.0 29.0

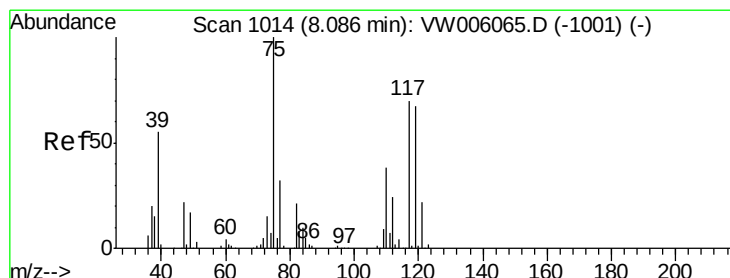
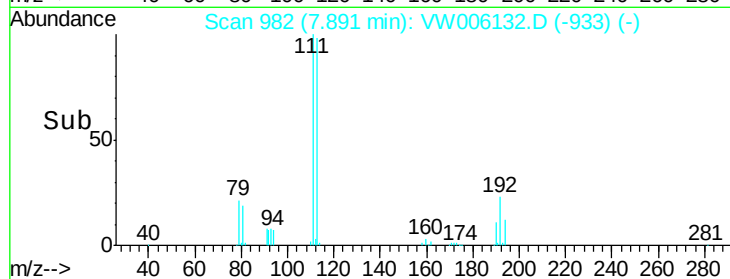
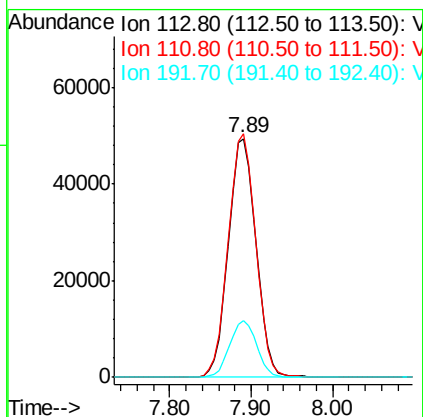
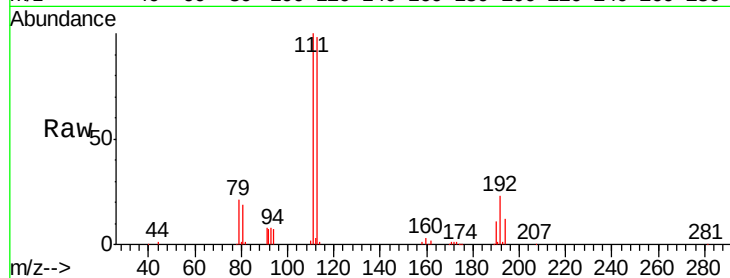




#35
 Dibromofluoromethane
 Concen: 47.57 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006132.D
 Acq: 17 Oct 2018 17:45

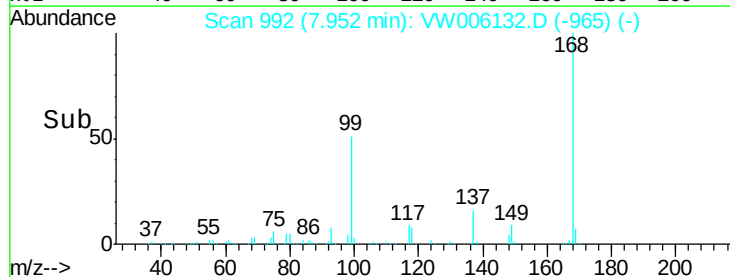
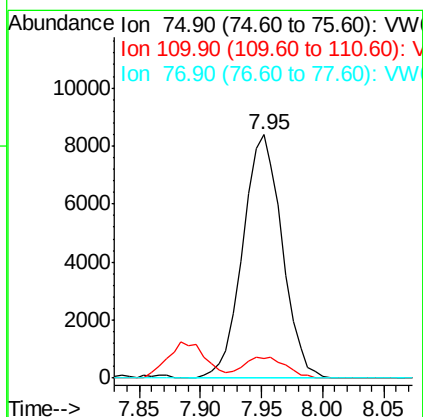
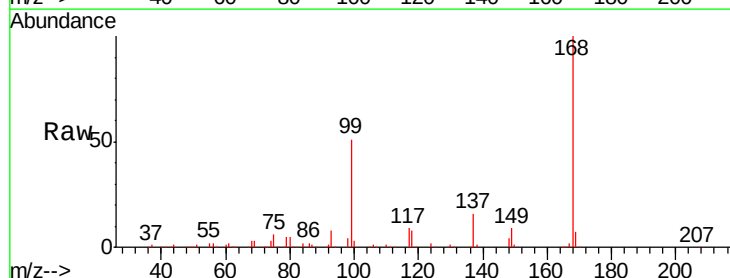
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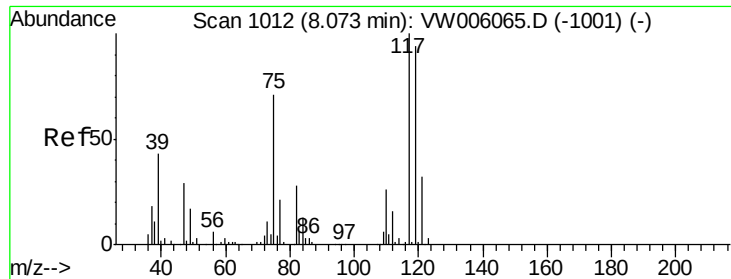
Tgt Ion:113 Resp: 115494
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.95 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006132.D
 Acq: 17 Oct 2018 17:45

Tgt Ion: 75 Resp: 18730
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.1#
 77 0.0 25.0 37.4#

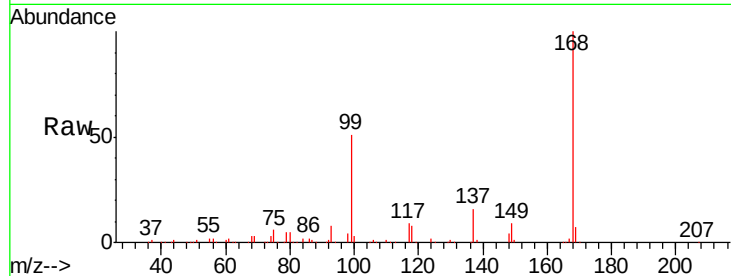




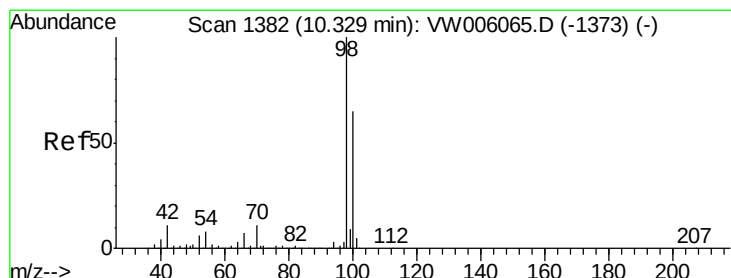
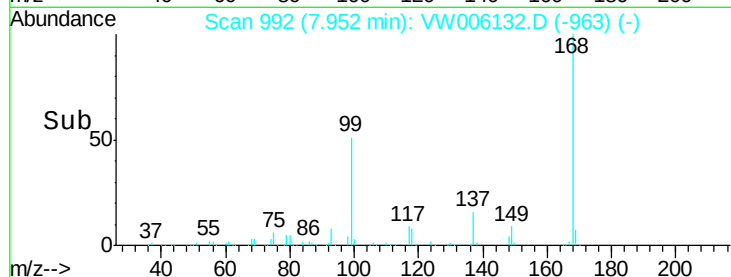
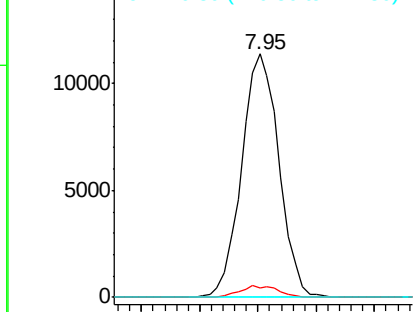
#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006132.D
Acq: 17 Oct 2018 17:45

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1016-S-DH-22

Tgt Ion:117 Resp: 25316
Ion Ratio Lower Upper
117 100
119 4.0 75.2 112.8#
121 0.0 25.3 37.9#

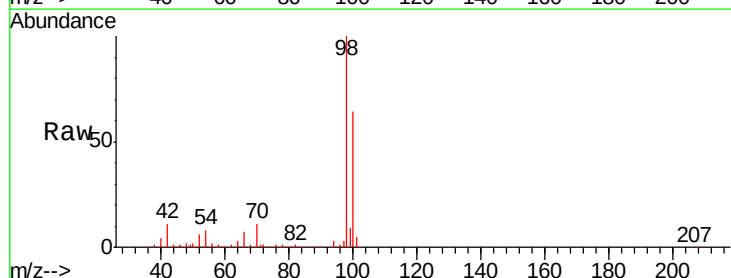


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

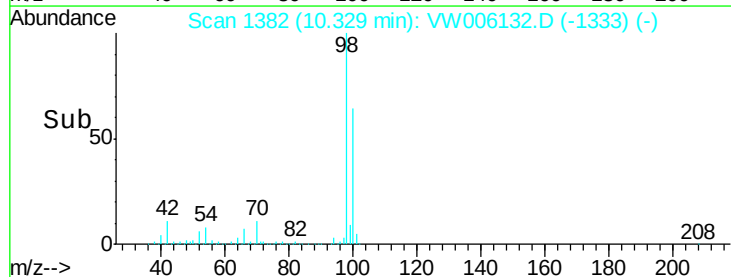
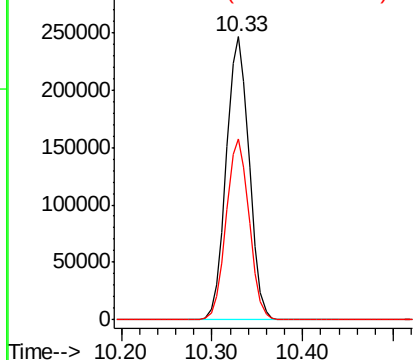


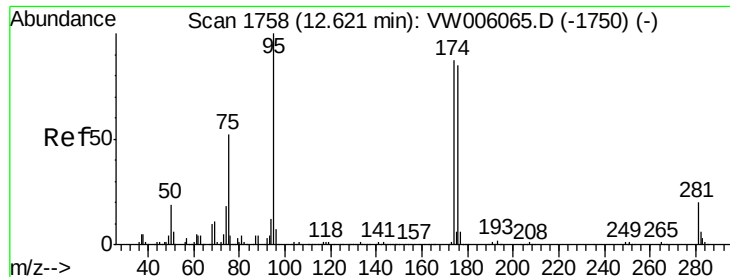
#50
Toluene-d8
Concen: 46.51 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006132.D
Acq: 17 Oct 2018 17:45

Tgt Ion: 98 Resp: 429622
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): VW

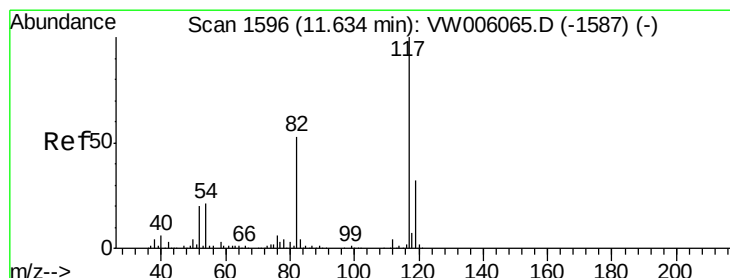
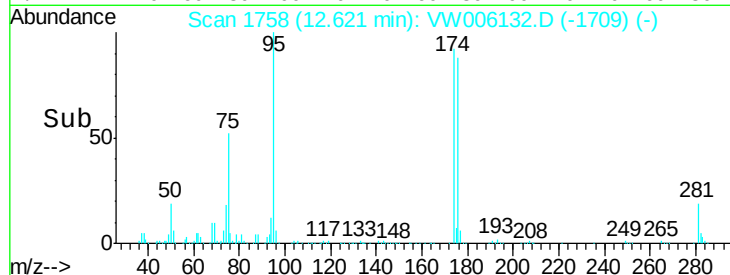
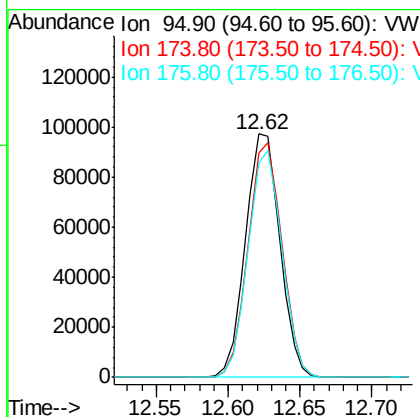
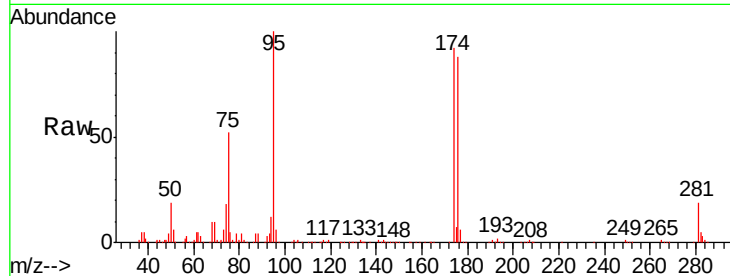




#62
4-Bromofluorobenzene
Concen: 46.28 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006132.D
Acq: 17 Oct 2018 17:45

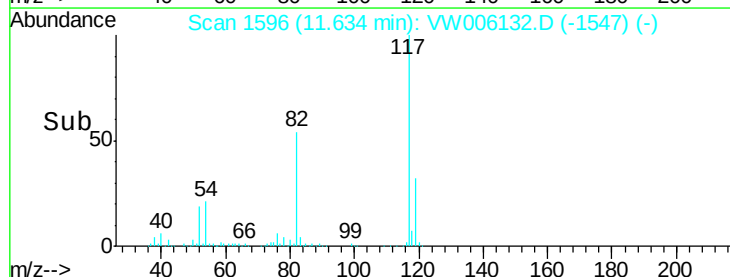
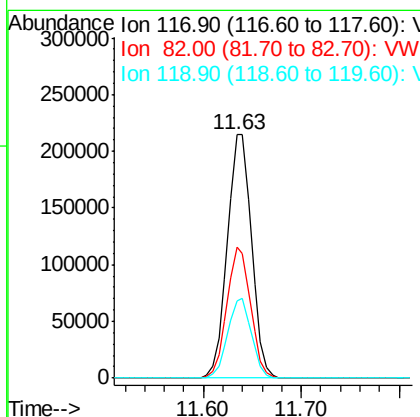
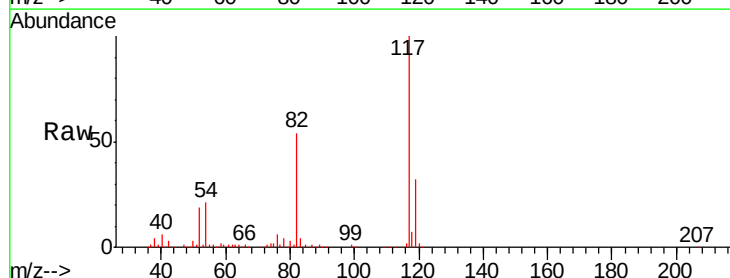
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1016-S-DH-22

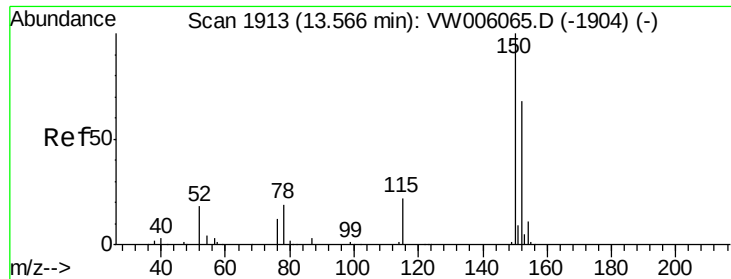
Tgt Ion: 95 Resp: 160579
Ion Ratio Lower Upper
95 100
174 95.0 0.0 186.0
176 91.7 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006132.D
Acq: 17 Oct 2018 17:45

Tgt Ion: 117 Resp: 369402
Ion Ratio Lower Upper
117 100
82 53.6 42.1 63.1
119 31.8 25.8 38.6

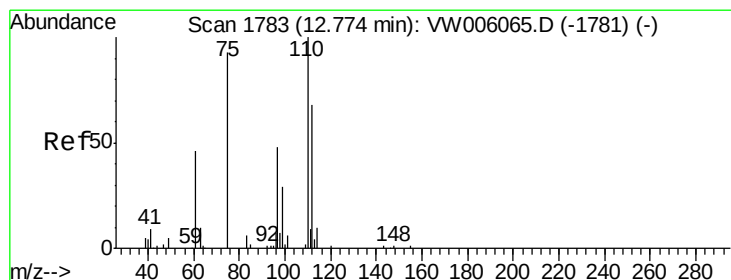
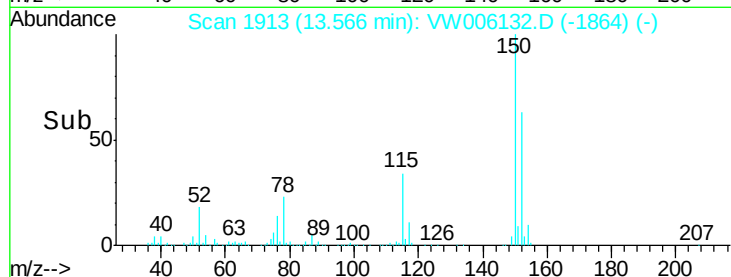
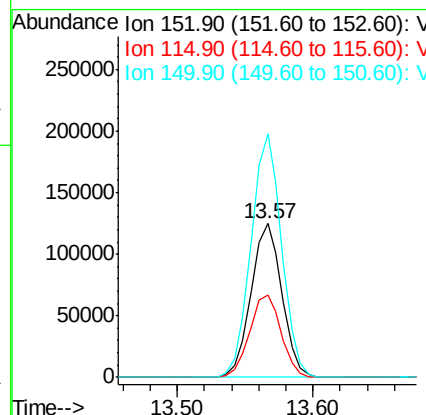
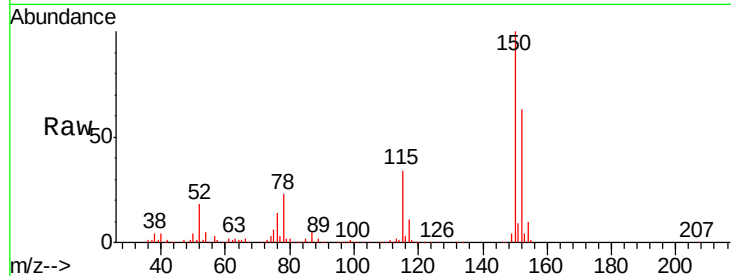




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006132.D
 Acq: 17 Oct 2018 17:45

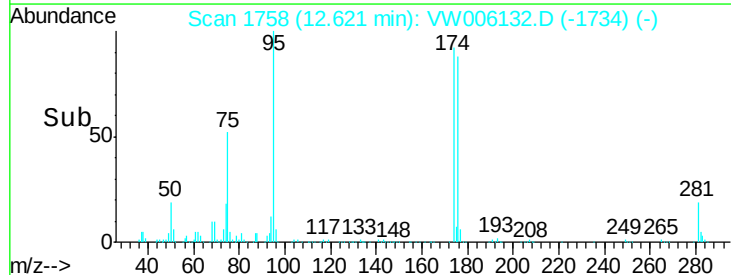
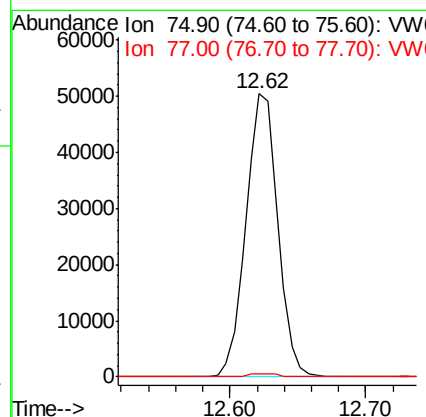
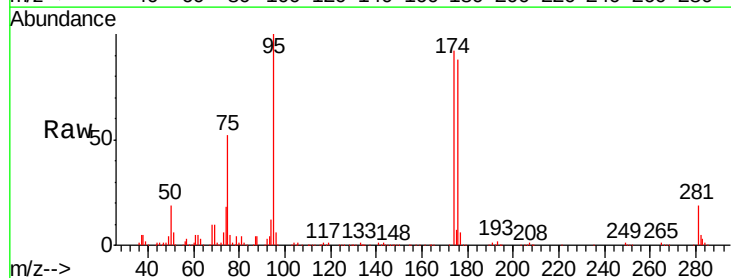
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1016-S-DH-22

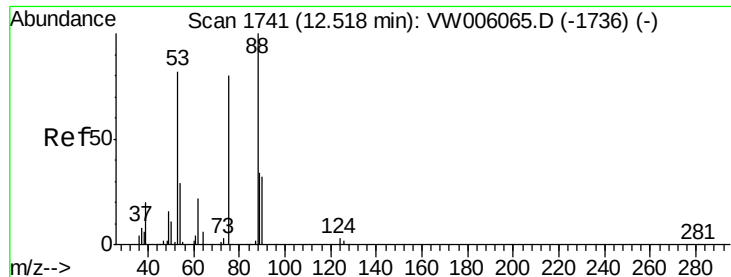
Tgt Ion:152 Resp: 198125
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.8 83.3
 150 157.3 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 54.59 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006132.D
 Acq: 17 Oct 2018 17:45

Tgt Ion: 75 Resp: 82614
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 130.50 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006132.D

Acq: 17 Oct 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1016-S-DH-22

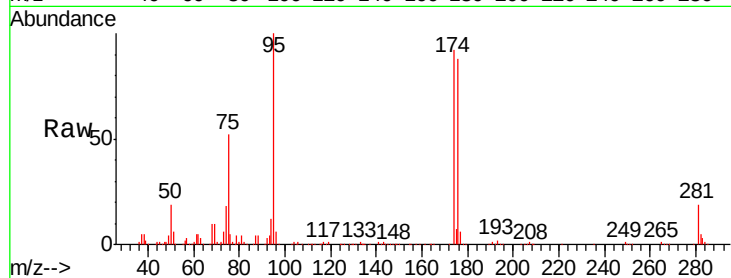
Tgt Ion: 75 Resp: 82614

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

