

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006226.D
 Acq On : 19 Oct 2018 15:46
 Operator : VA/AP
 Sample : J5575-03RE
 Misc : 5.77G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-27

Quant Time: Oct 20 01:19:31 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	258682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	373756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176668	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	100876	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
35) Dibromofluoromethane	7.88	113	102614	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
50) Toluene-d8	10.33	98	385353	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	12.62	95	141345	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	

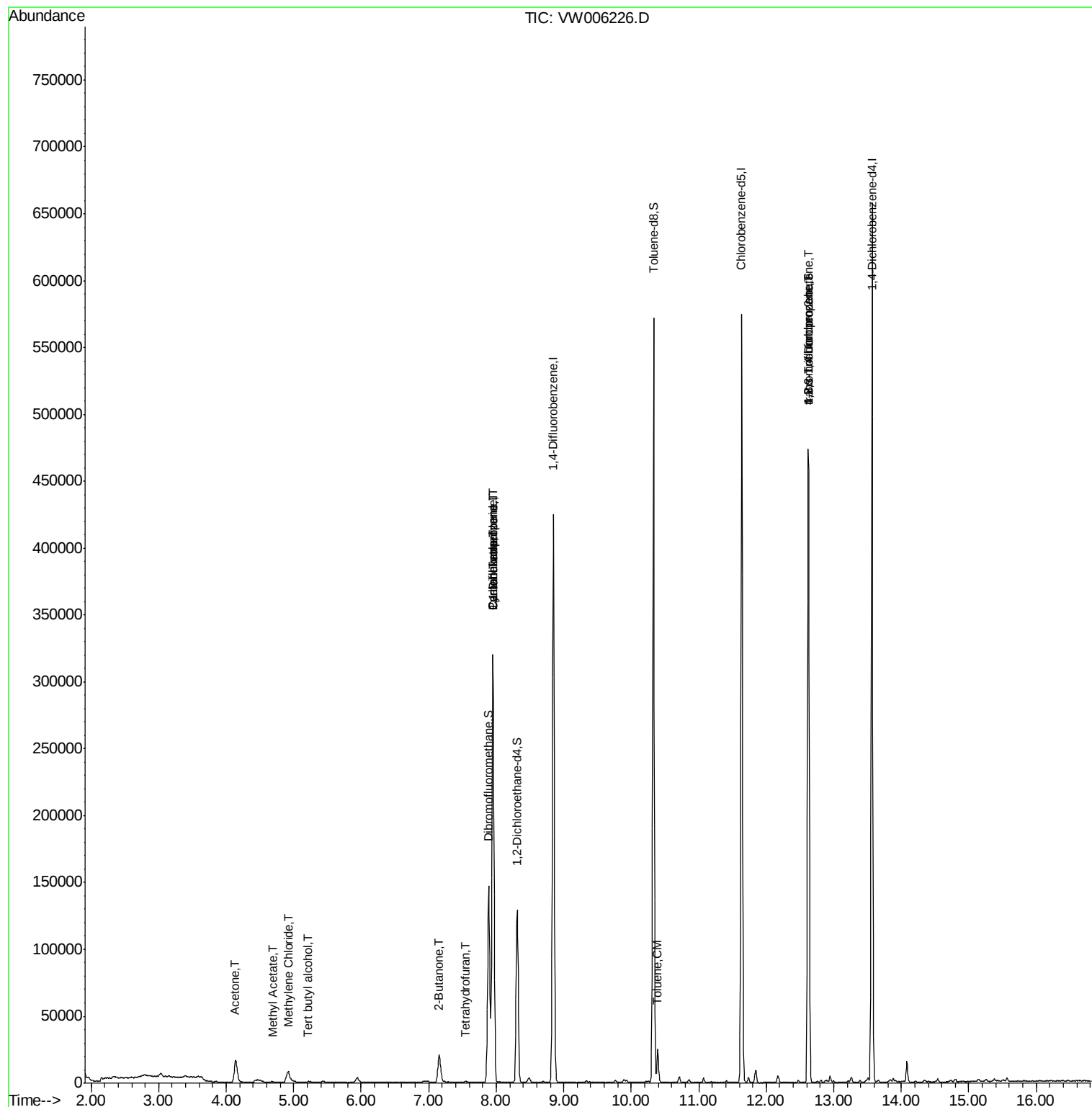
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	1740	12.064	ug/l #	79
16) Acetone	4.14	43	32621	70.445	ug/l	97
18) Methyl Acetate	4.69	43	1385	1.283	ug/l #	82
20) Methylene Chloride	4.92	84	6825	1.426	ug/l	87
25) 2-Butanone	7.15	43	1135	1.959	ug/l #	46
29) Tetrahydrofuran	7.54	42	441	1.238	ug/l #	61
31) Cyclohexane	7.95	56	4909	1.251	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	17023	4.941	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23290	6.167	ug/l #	16
52) Toluene	10.39	92	10501	1.658	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	72582	53.789	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72582	128.576	ug/l #	10

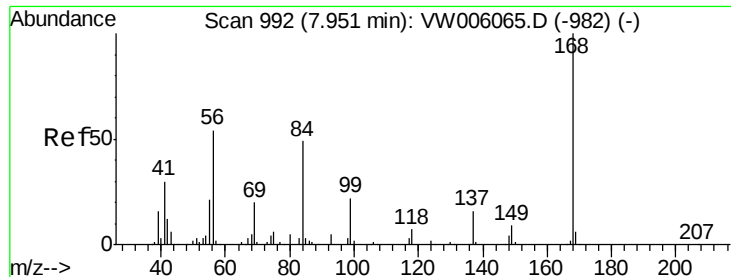
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006226.D
Acq On : 19 Oct 2018 15:46
Operator : VA/AP
Sample : J5575-03RE
Misc : 5.77G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-27

Quant Time: Oct 20 01:19:31 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: VW006226.D

Acq: 19 Oct 2018 15:46

Instrument :

MSVOA_W

ClientSampleId :

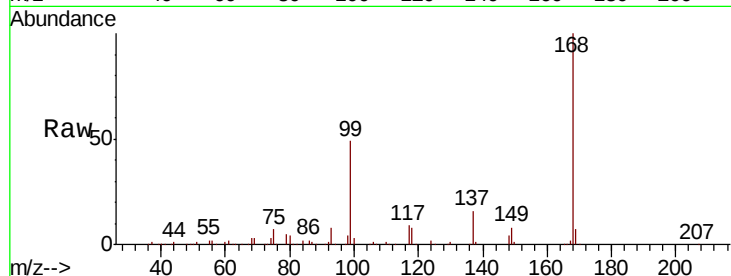
SSSI-1015-S-DH-27

Tot Ion:168 Resp: 258682

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

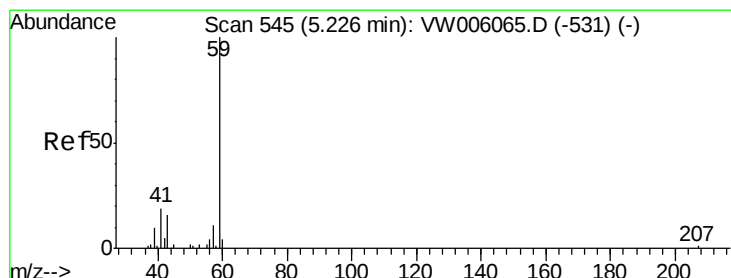
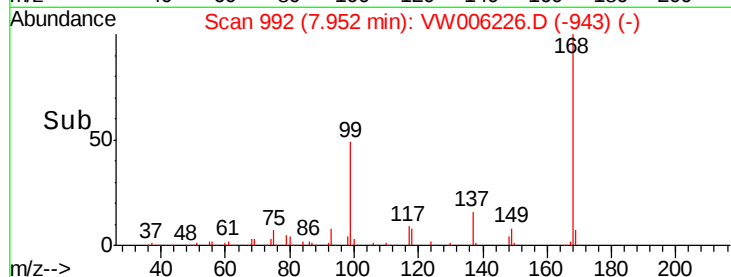
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 12.064 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006226.D

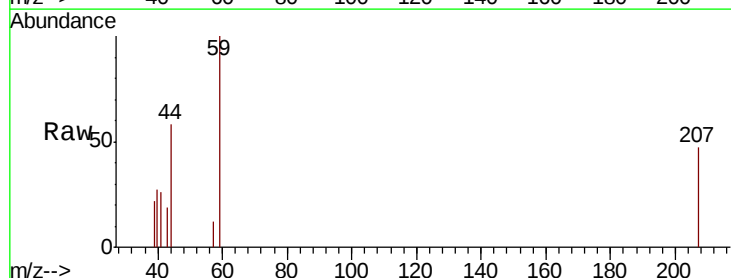
Acq: 19 Oct 2018 15:46

Tgt Ion: 59 Resp: 1740

Ion Ratio Lower Upper

59 100

57 3.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

500

400

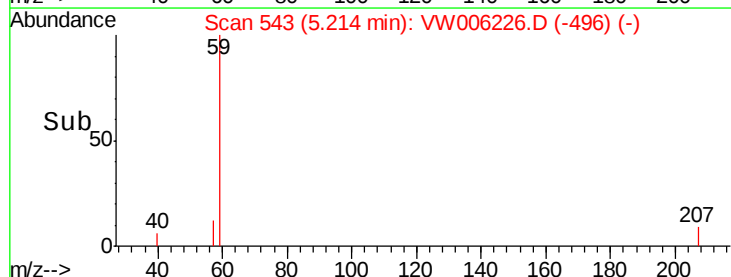
300

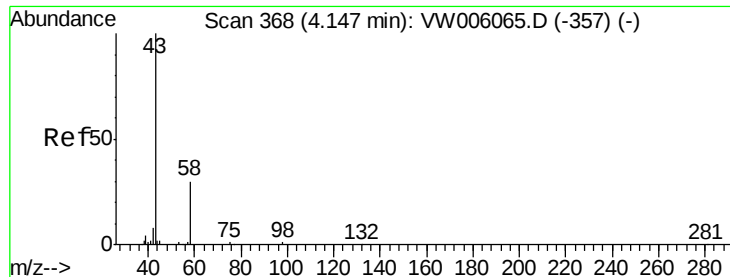
200

100

0

Time--> 5.15 5.20 5.25 5.30





#16

Acetone

Concen: 70.445 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006226.D

Acq: 19 Oct 2018 15:46

Instrument :

MSVOA_W

ClientSampleId :

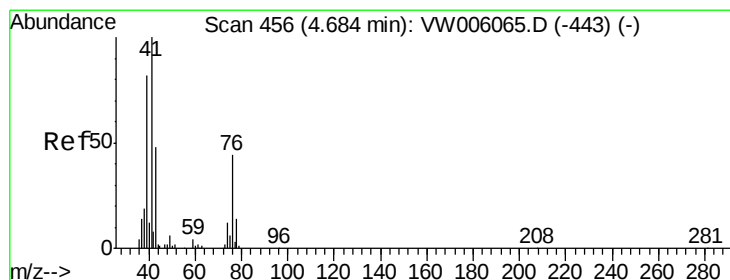
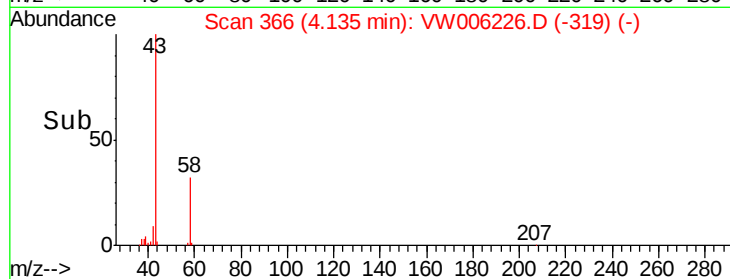
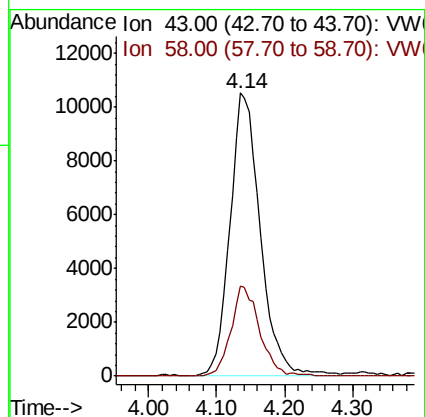
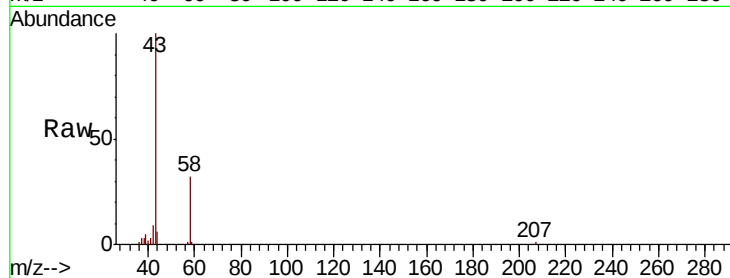
SSSI-1015-S-DH-27

Tot Ion: 43 Resp: 32621

Ion Ratio Lower Upper

43 100

58 31.8 24.0 36.0



#18

Methyl Acetate

Concen: 1.283 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW006226.D

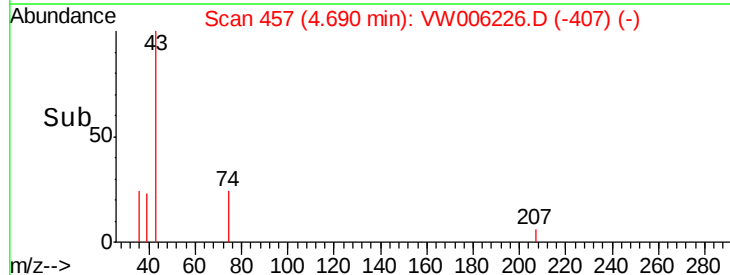
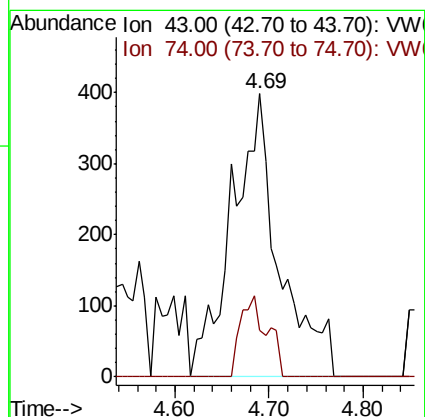
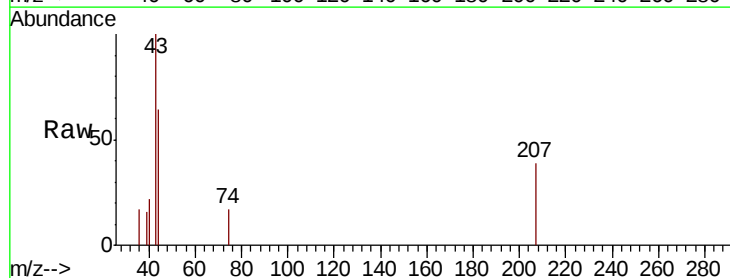
Acq: 19 Oct 2018 15:46

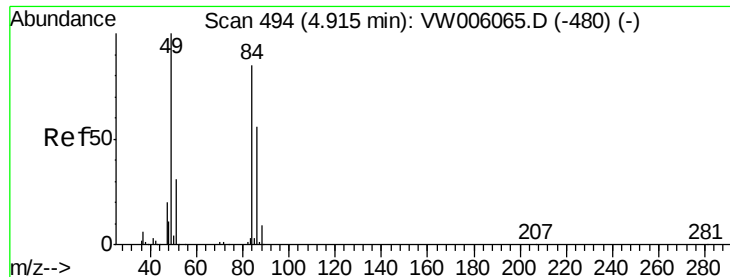
Tgt Ion: 43 Resp: 1385

Ion Ratio Lower Upper

43 100

74 16.3 20.5 30.7#

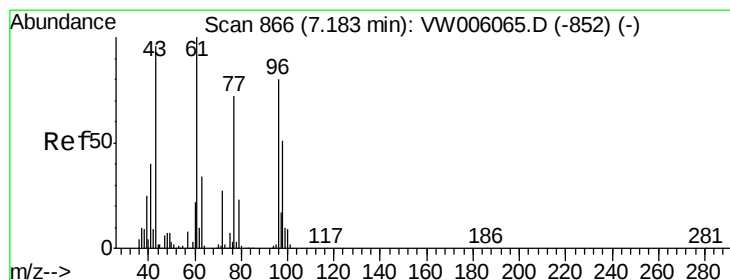
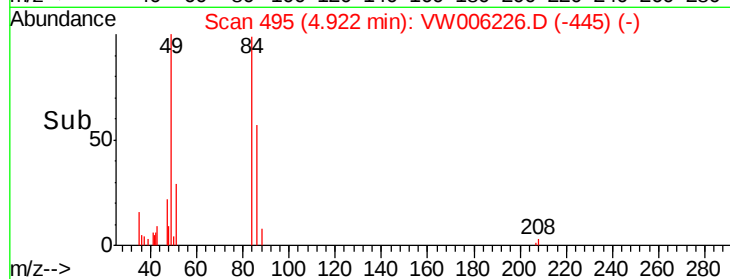
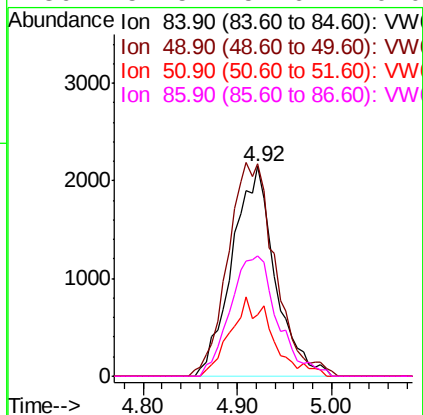
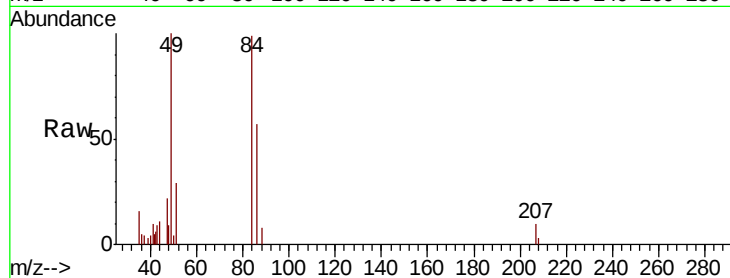




#20
Methvlene Chloride
Concen: 1.426 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006226.D
Acq: 19 Oct 2018 15:46

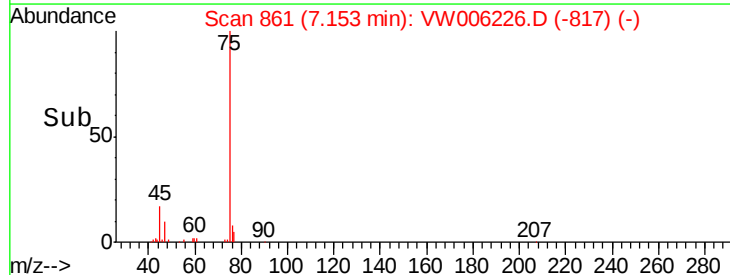
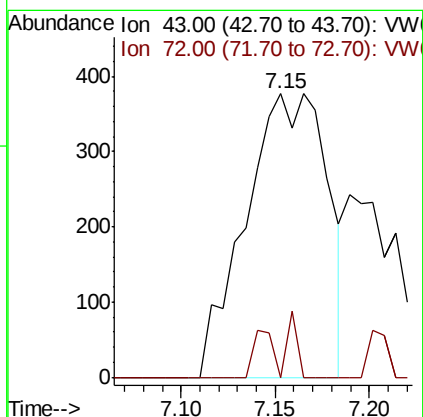
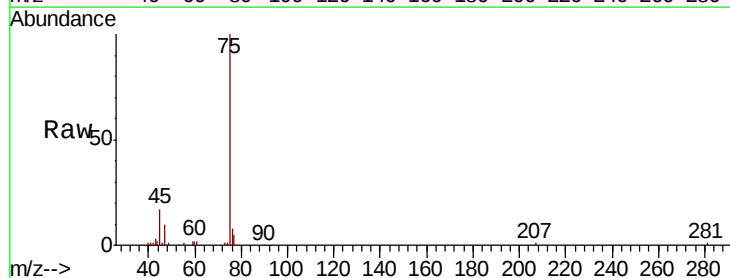
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-27

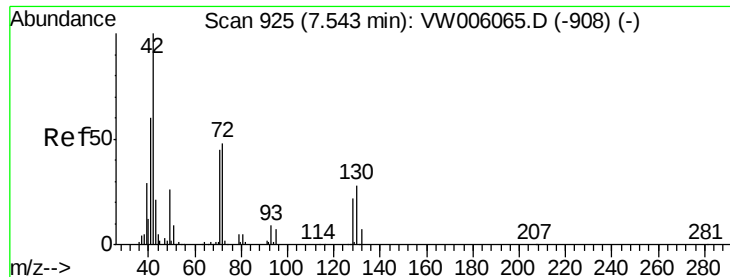
Tot Ion:	84	Resp:	6825
Ion	Ratio	Lower	Upper
84	100		
49	101.3	93.6	140.4
51	29.6	29.0	43.4
86	57.5	52.6	79.0



#25
2-Butanone
Concen: 1.959 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006226.D
Acq: 19 Oct 2018 15:46

Tgt Ion:	43	Resp:	1135
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#





#29

Tetrahydrofuran

Concen: 1.238 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006226.D

Acq: 19 Oct 2018 15:46

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-27

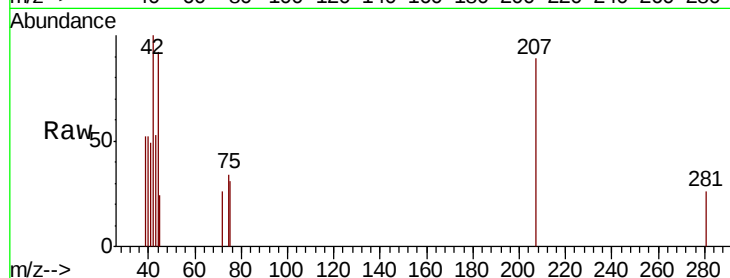
Tot Ion: 42 Resp: 441

Ion Ratio Lower Upper

42 100

72 23.1 38.0 57.0#

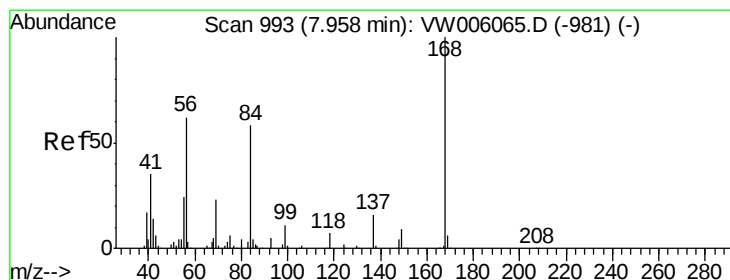
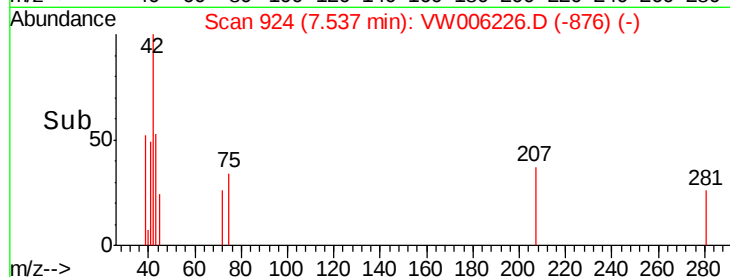
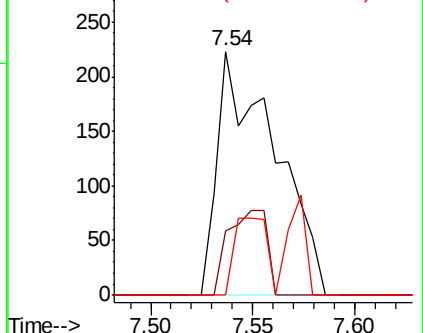
71 17.5 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.251 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006226.D

Acq: 19 Oct 2018 15:46

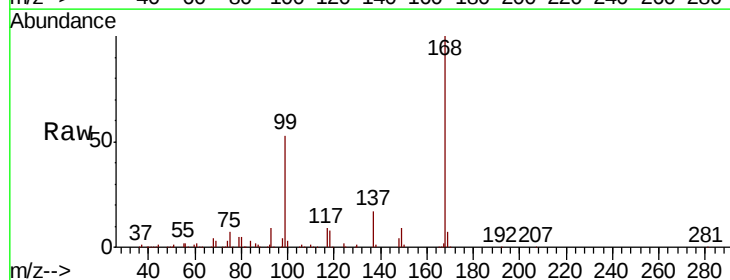
Tgt Ion: 56 Resp: 4909

Ion Ratio Lower Upper

56 100

69 155.1 29.4 44.0#

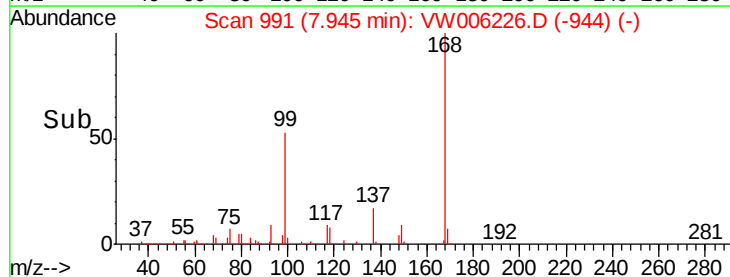
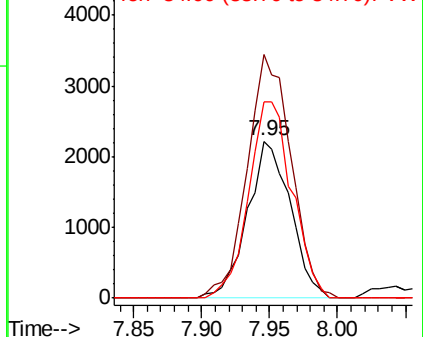
84 124.7 74.0 111.0#

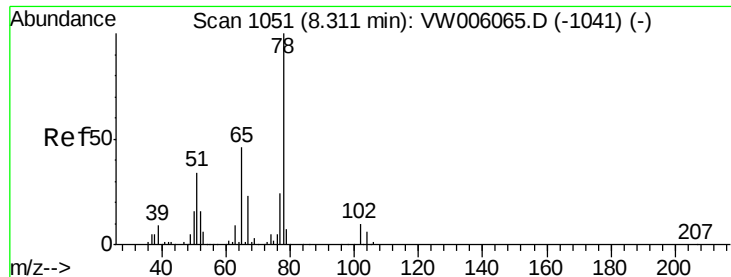


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

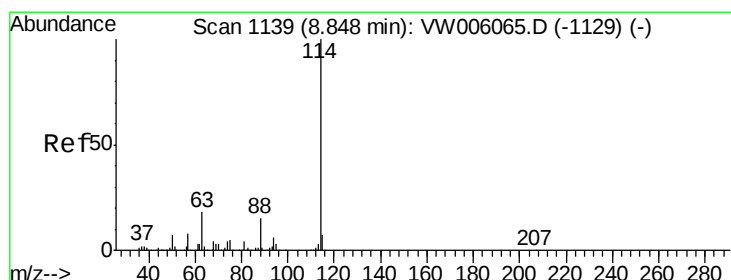
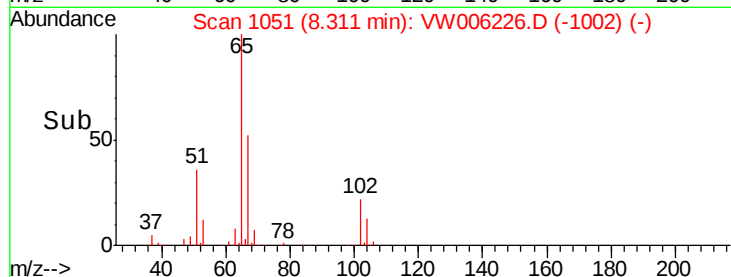
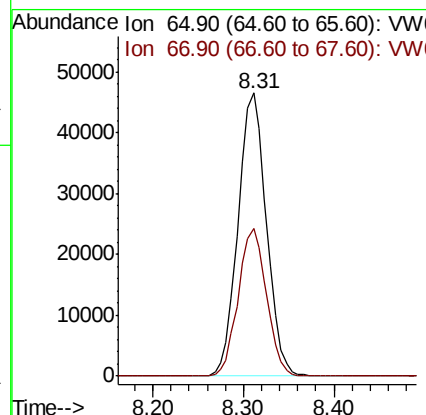
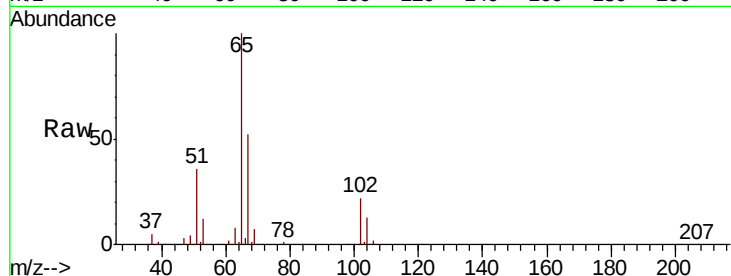




#33
 1,2-Dichloroethane-d4
 Concen: 47.037 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006226.D
 Acq: 19 Oct 2018 15:46

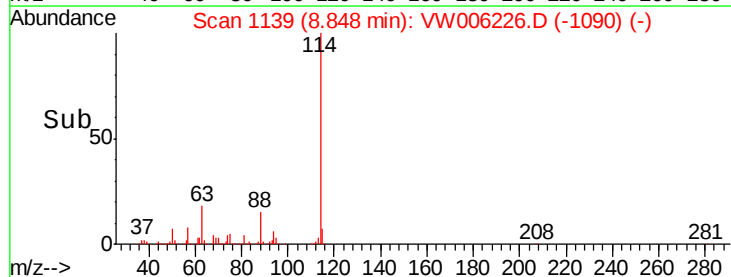
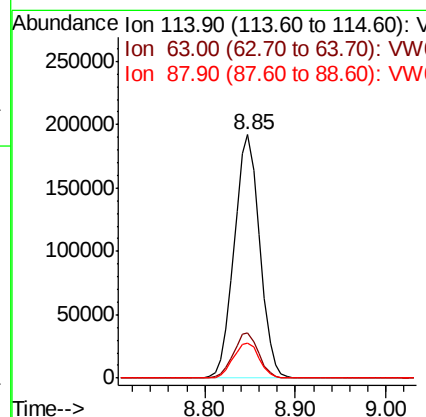
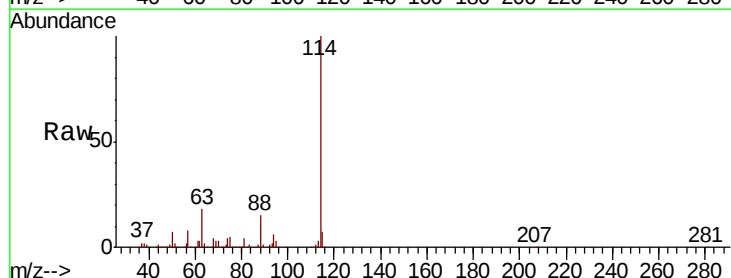
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-27

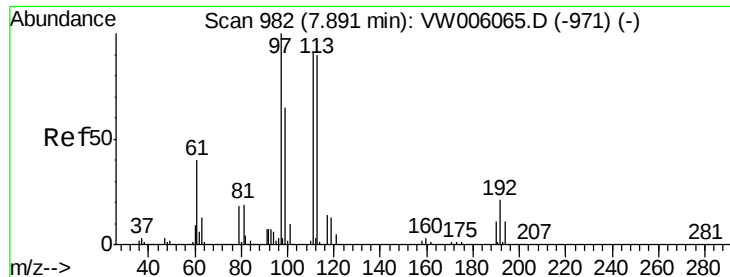
Tot Ion: 65 Resp: 100876
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006226.D
 Acq: 19 Oct 2018 15:46

Tgt Ion: 114 Resp: 373756
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.6 0.0 29.0

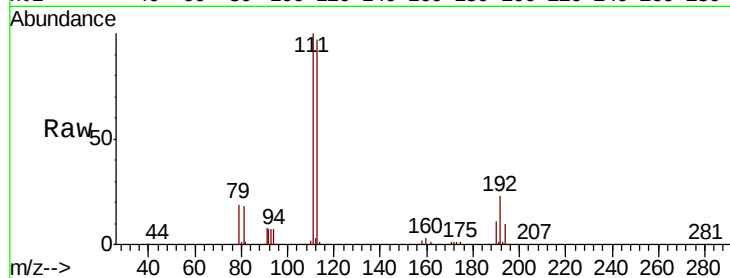




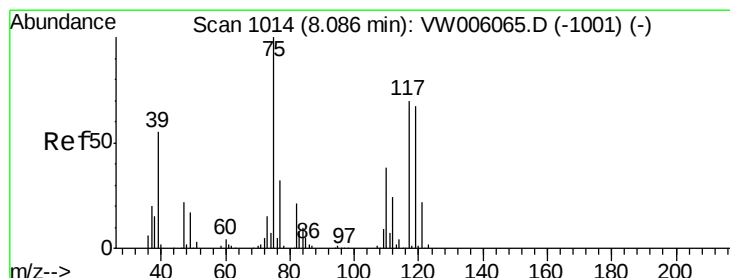
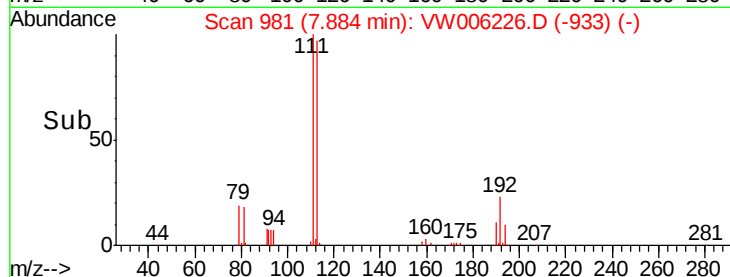
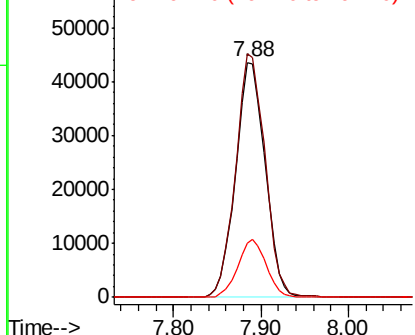
#35
 Dibromofluoromethane
 Concen: 46.463 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006226.D
 Acq: 19 Oct 2018 15:46

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-27

Tot Ion:113 Resp: 102614
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 23.4 18.7 28.1

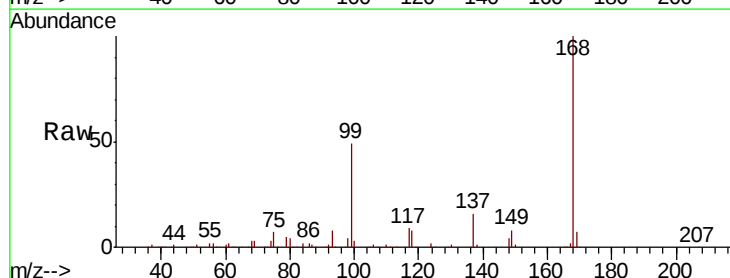


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

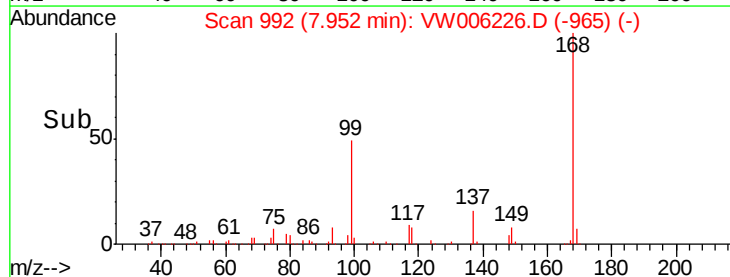
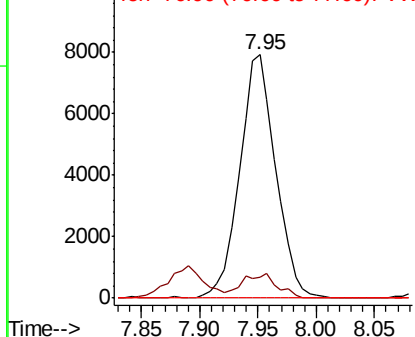


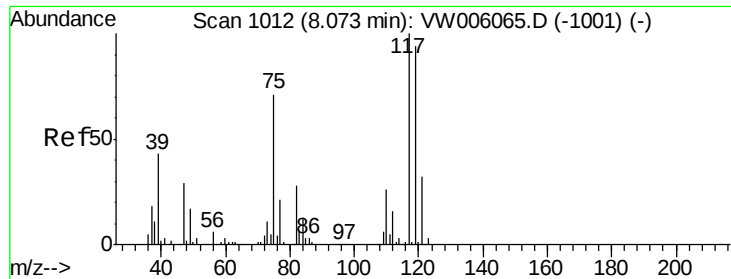
#36
 1,1-Dichloropropene
 Concen: 4.941 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006226.D
 Acq: 19 Oct 2018 15:46

Tgt Ion: 75 Resp: 17023
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.1 57.1#
 77 0.0 25.0 37.4#



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: 6.167 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006226.D

Acq: 19 Oct 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-27

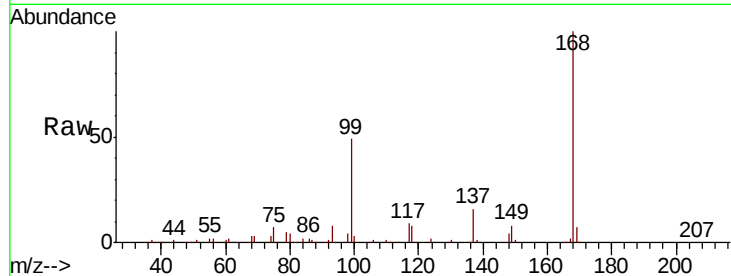
Tot Ion:117 Resp: 23290

Ion Ratio Lower Upper

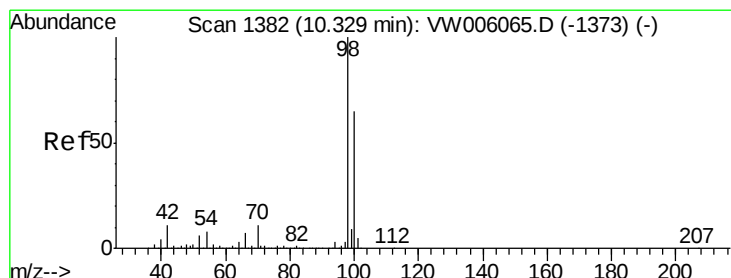
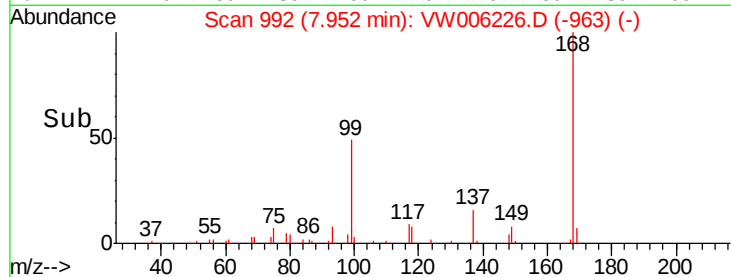
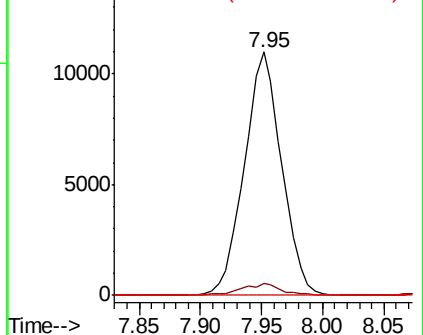
117 100

119 4.7 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: 45.863 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006226.D

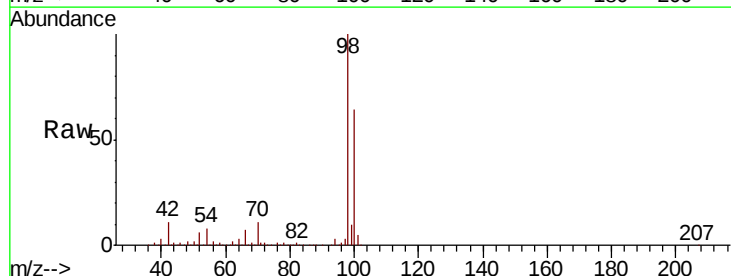
Acq: 19 Oct 2018 15:46

Tgt Ion: 98 Resp: 385353

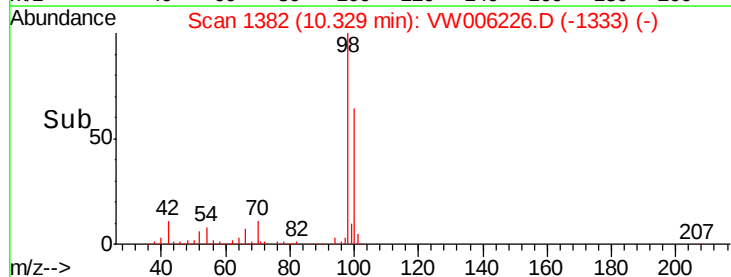
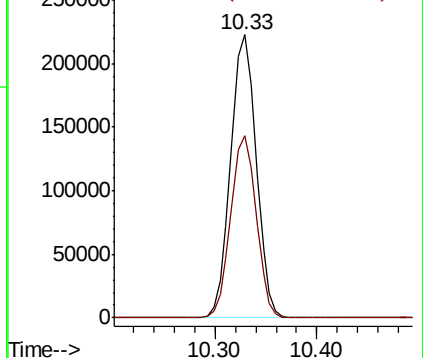
Ion Ratio Lower Upper

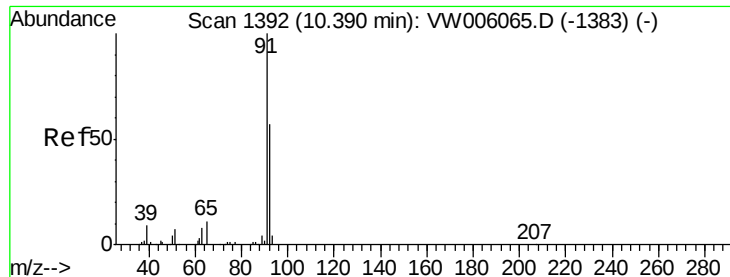
98 100

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





#52

Toluene

Concen: 1.658 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006226.D

Acq: 19 Oct 2018 15:46

Instrument :

MSVOA_W

ClientSampleId :

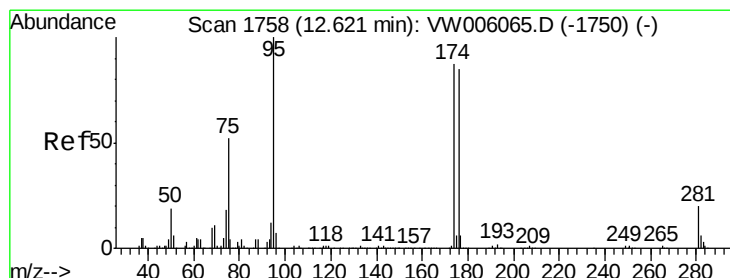
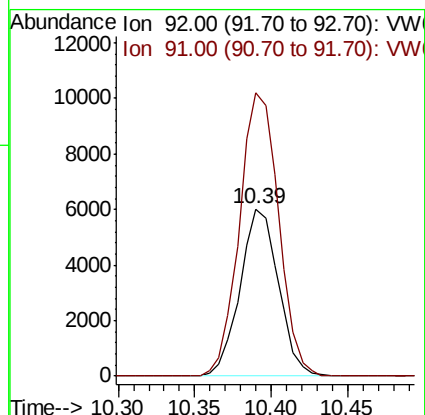
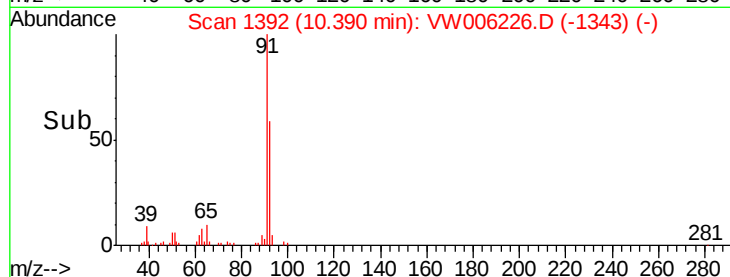
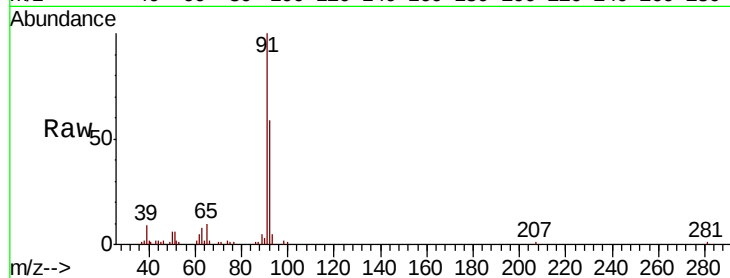
SSSI-1015-S-DH-27

Tot Ion: 92 Resp: 10501

Ion Ratio Lower Upper

92 100

91 172.8 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 44.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006226.D

Acq: 19 Oct 2018 15:46

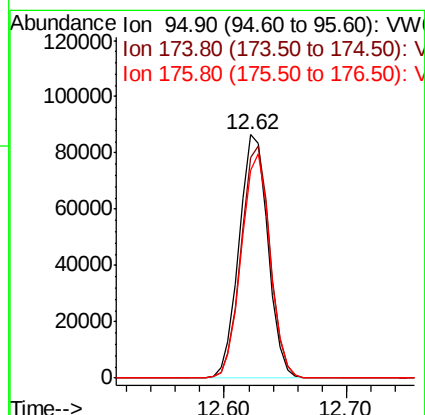
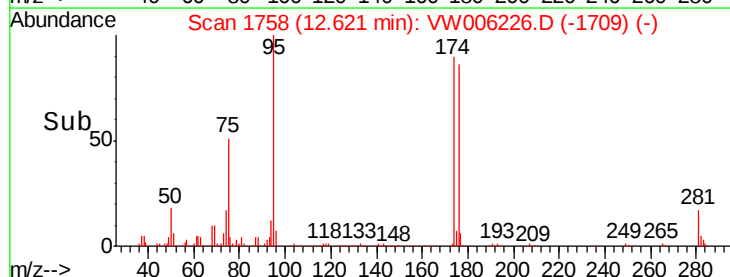
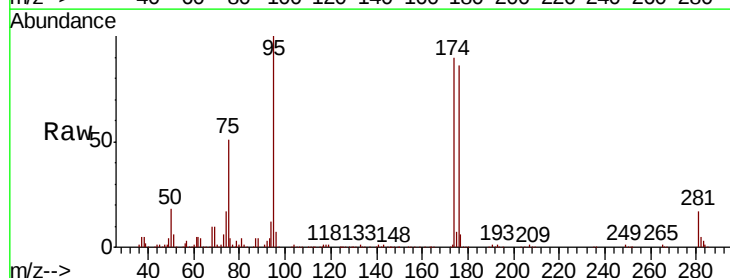
Tgt Ion: 95 Resp: 141345

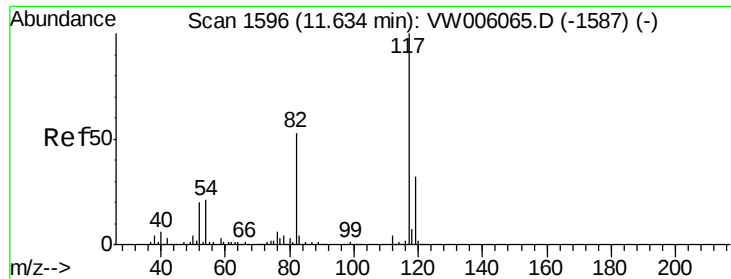
Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.0

176 92.0 0.0 181.6

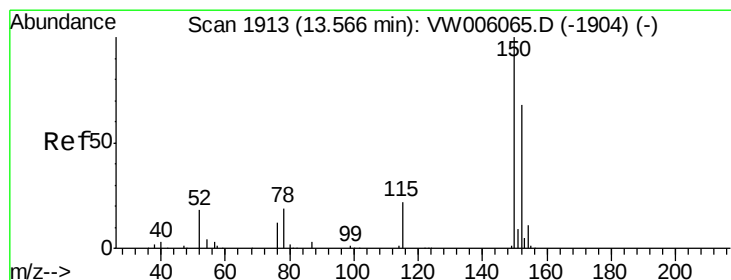
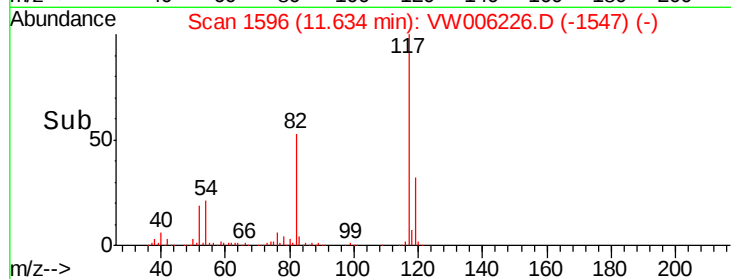
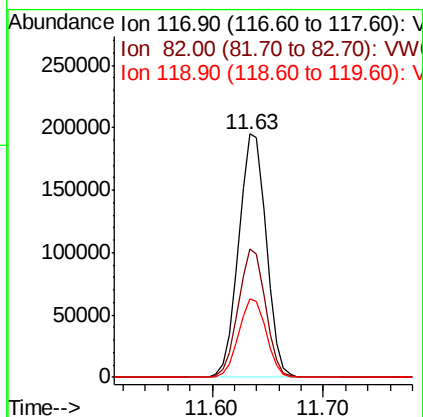
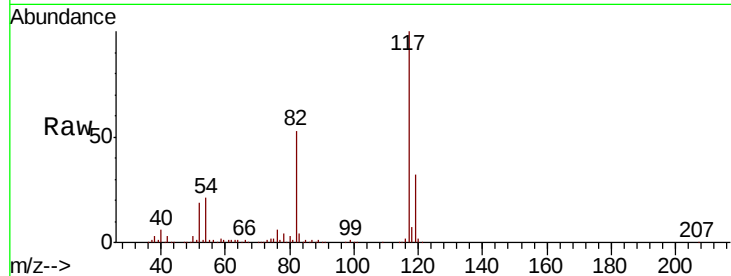




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006226.D
Acq: 19 Oct 2018 15:46

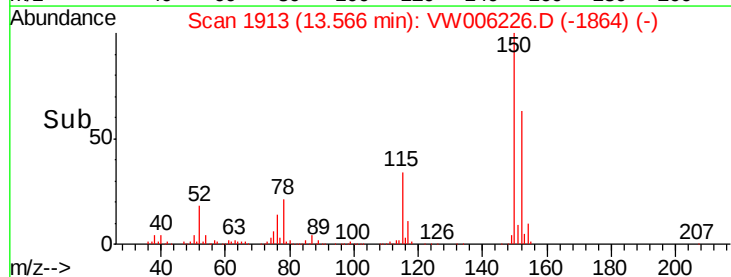
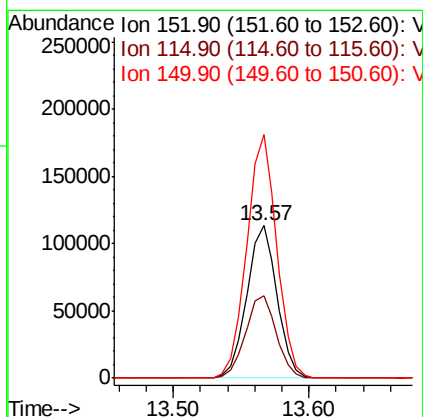
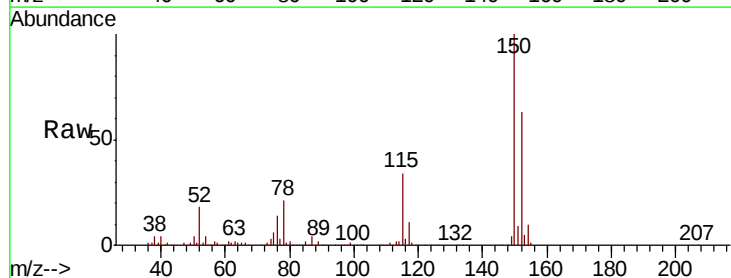
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-27

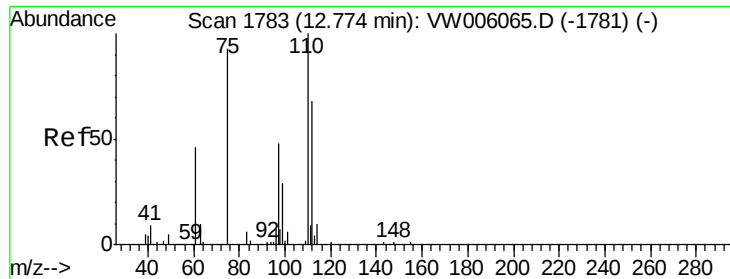
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.2	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006226.D
Acq: 19 Oct 2018 15:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.3
150	158.5	0.0	349.2





#76

1,2,3-Trichloropropane

Concen: 53.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006226.D

Acq: 19 Oct 2018 15:46

Instrument :

MSVOA_W

ClientSampleId :

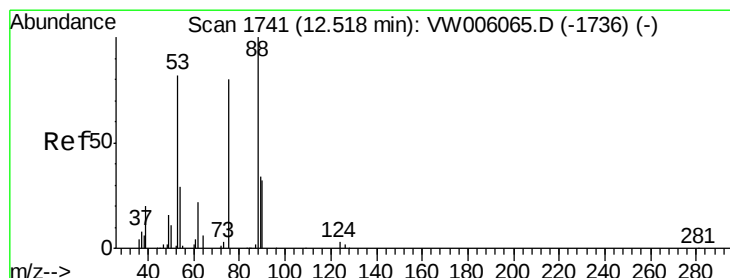
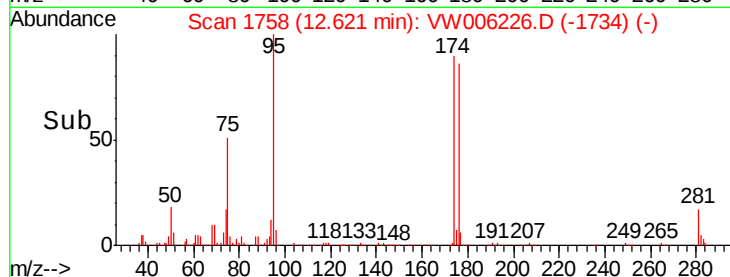
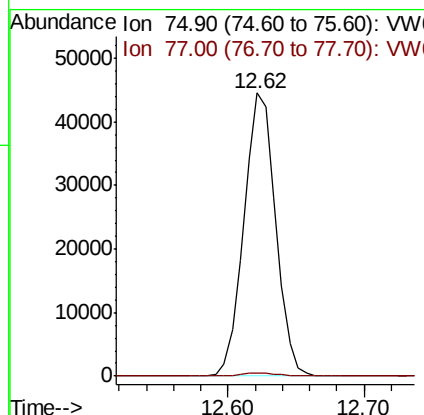
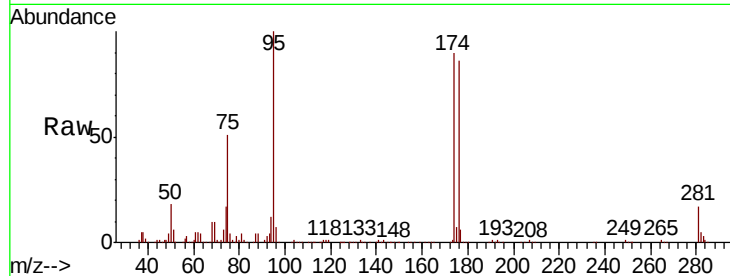
SSSI-1015-S-DH-27

Tot Ion: 75 Resp: 72582

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.576 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006226.D

Acq: 19 Oct 2018 15:46

Tgt Ion: 75 Resp: 72582

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

