

Data File : VW005901.D
Acq On : 08 Oct 2018 17:43
Operator : SY/AP
Sample : J5223-02RE
Misc : 5.40G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1002-S-DH-02RE

Quant Time: Oct 09 06:10:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	428567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	132332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94384	33.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.26%	
35) Dibromofluoromethane	7.89	113	95170	34.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.56%	
50) Toluene-d8	10.33	98	301160	28.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.22%	
62) 4-Bromofluorobenzene	12.62	95	98669	24.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.26%	

Target Compounds

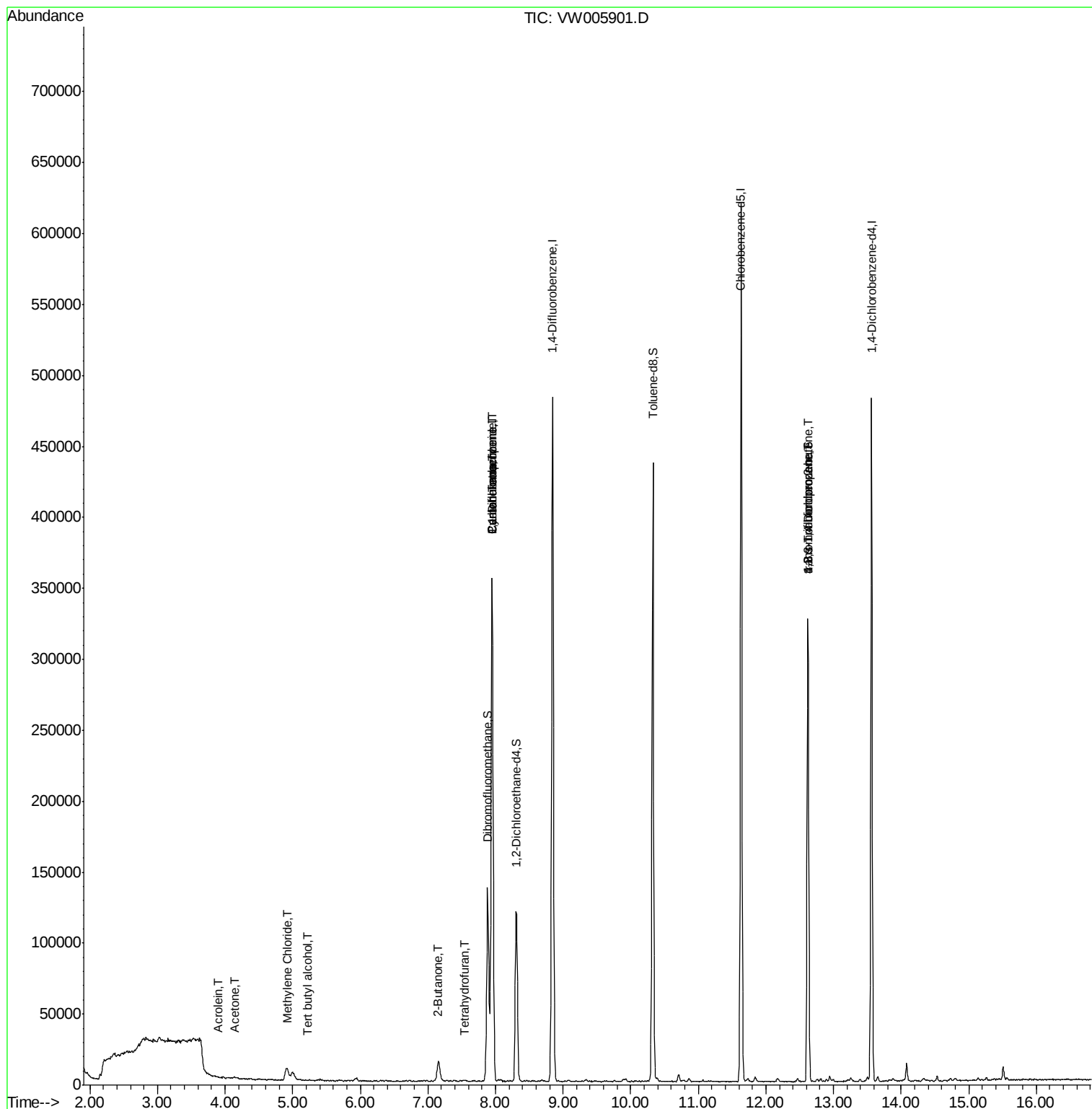
						Qvalue
11) Tert butyl alcohol	5.21	59	383	1.862	ug/l #	74
13) Acrolein	3.90	56	242	1.320	ug/l #	16
16) Acetone	4.15	43	2108	3.760	ug/l	94
20) Methylene Chloride	4.92	84	8047	2.865	ug/l #	85
25) 2-Butanone	7.15	43	1082	1.357	ug/l	93
29) Tetrahydrofuran	7.53	42	561	1.113	ug/l #	78
31) Cyclohexane	7.95	56	5938	1.208	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	19204	4.676	ug/l #	49
38) Carbon Tetrachloride	7.95	117	26023	5.898	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	50021	42.316	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50021	89.333	ug/l #	11

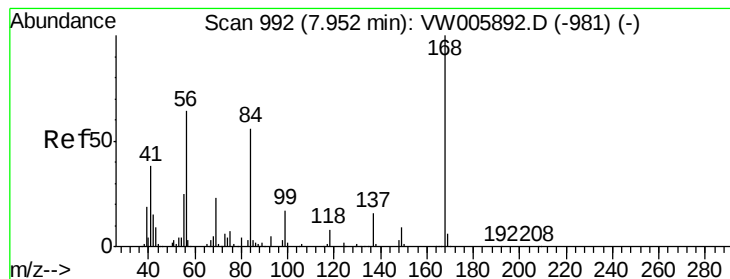
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005901.D

Acq: 08 Oct 2018 17:43

Instrument :

MSVOA_W

ClientSampleId :

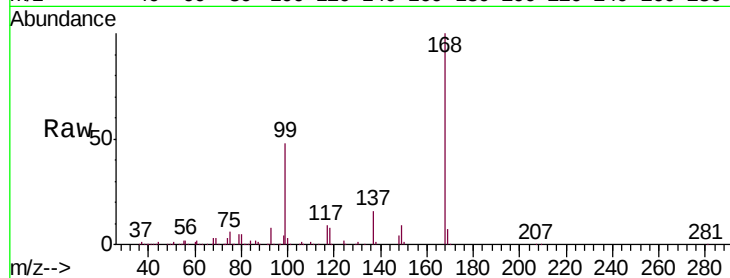
SSSI-1002-S-DH-02RE

Tgt Ion:168 Resp: 289120

Ion Ratio Lower Upper

168 100

99 48.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

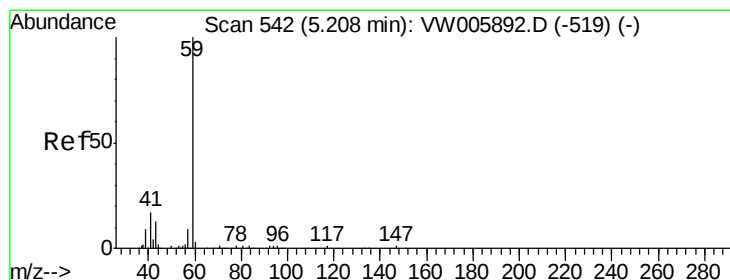
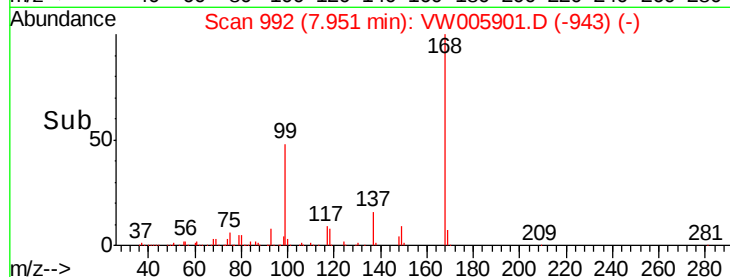
100000

50000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 1.862 ug/l

RT: 5.21 min Scan# 543

Delta R.T. 0.01 min

Lab File: VW005901.D

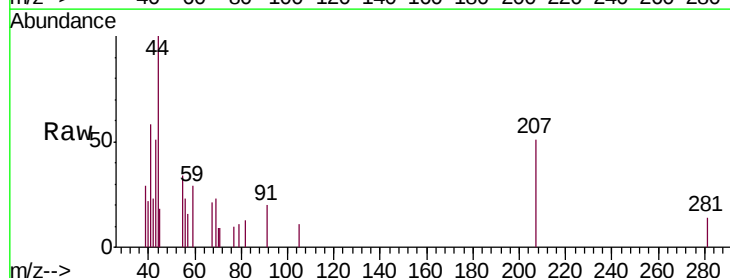
Acq: 08 Oct 2018 17:43

Tgt Ion: 59 Resp: 383

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

150

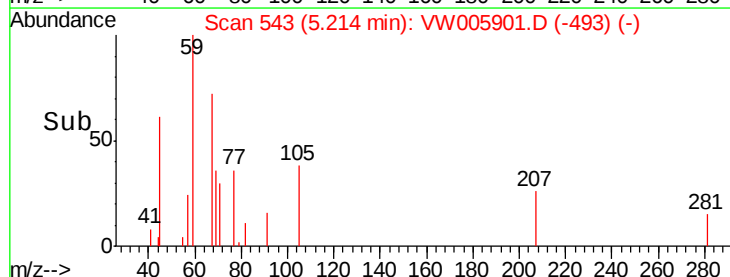
100

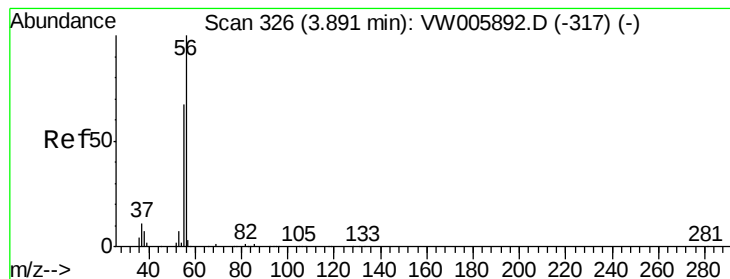
50

0

5.20 5.25

Time-->





#13

Acrolein

Concen: 1.320 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005901.D

Acq: 08 Oct 2018 17:43

Instrument :

MSVOA_W

ClientSampleId :

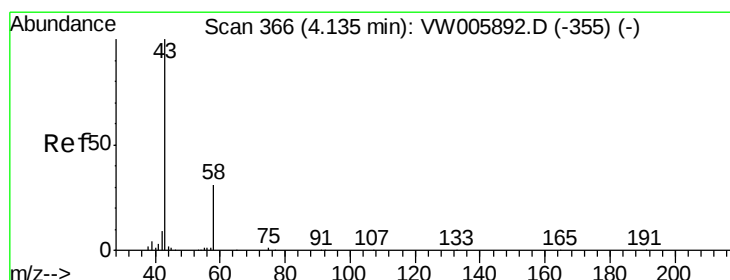
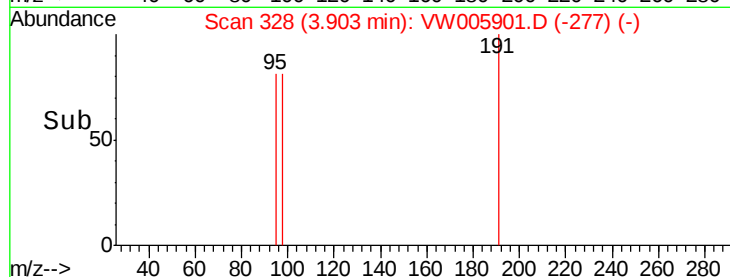
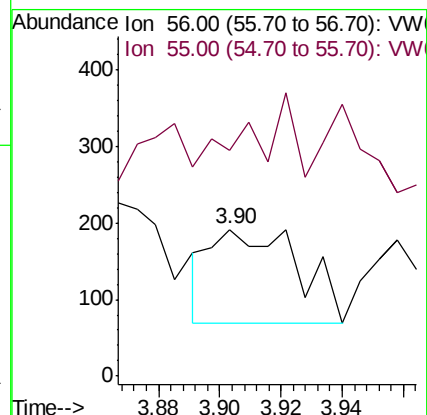
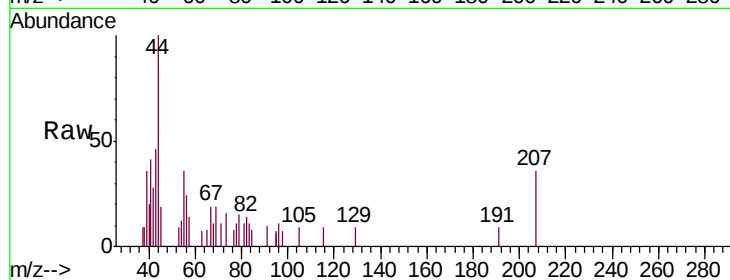
SSSI-1002-S-DH-02RE

Tgt Ion: 56 Resp: 242

Ion Ratio Lower Upper

56 100

55 0.0 54.6 82.0#



#16

Acetone

Concen: 3.760 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005901.D

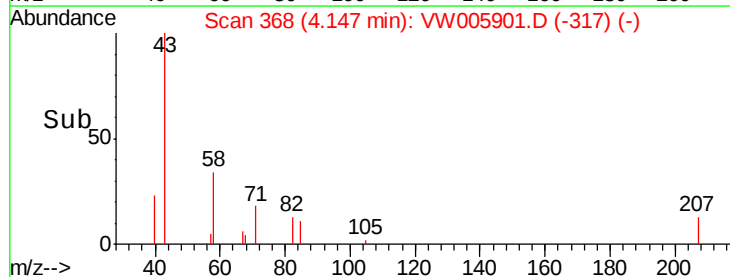
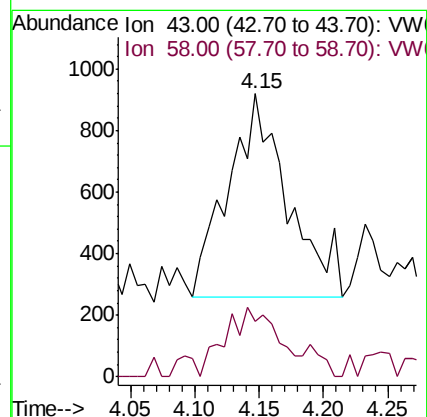
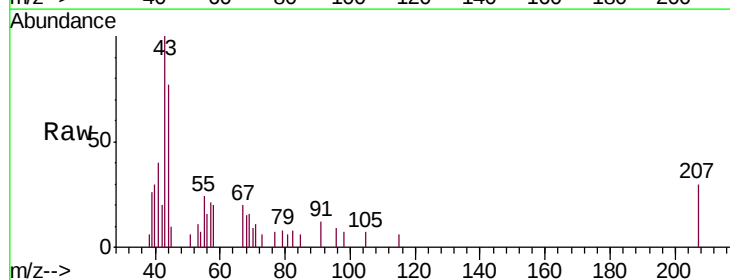
Acq: 08 Oct 2018 17:43

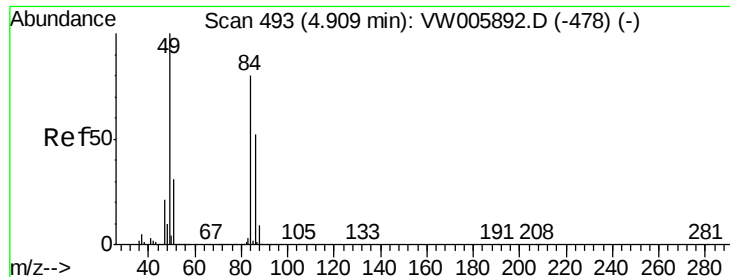
Tgt Ion: 43 Resp: 2108

Ion Ratio Lower Upper

43 100

58 27.5 24.7 37.1

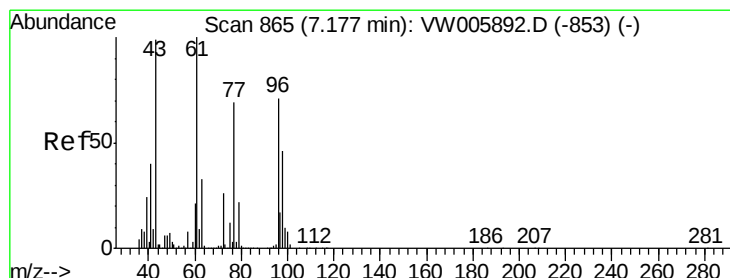
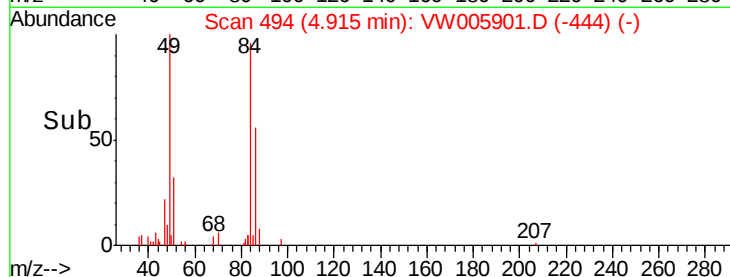
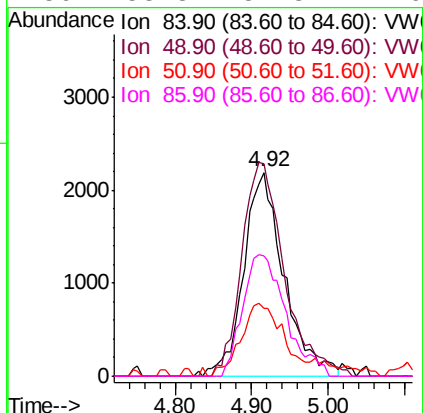
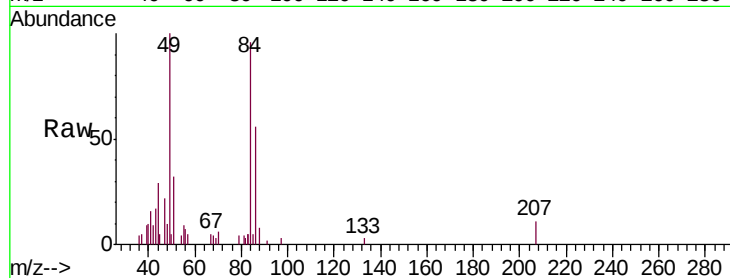




#20
Methylene Chloride
Concen: 2.865 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005901.D
Acq: 08 Oct 2018 17:43

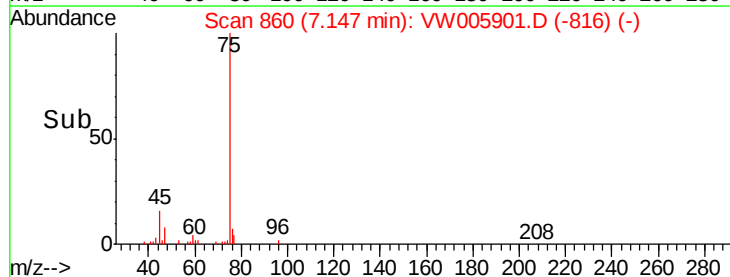
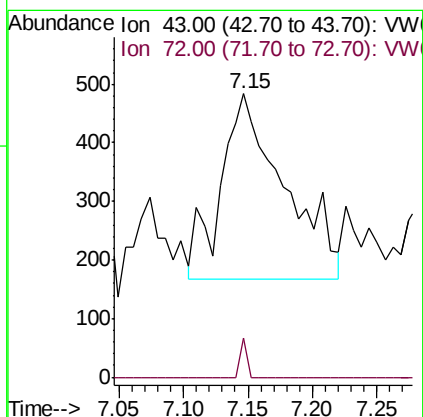
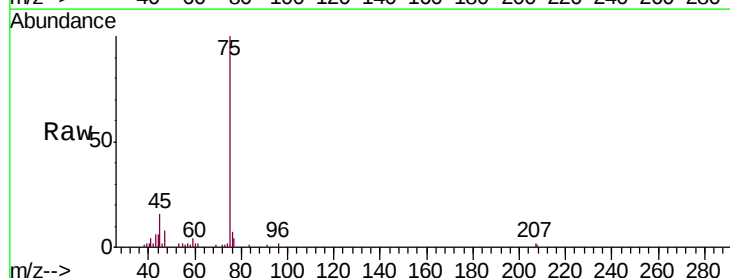
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1002-S-DH-02RE

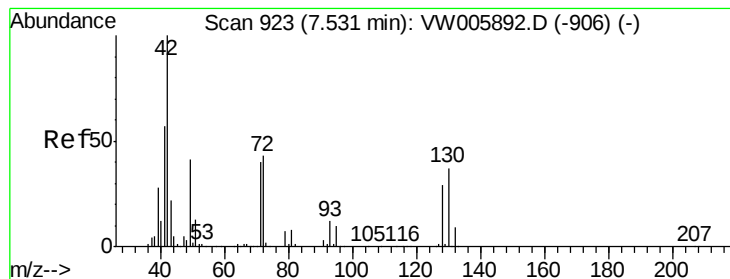
Tgt Ion:	84	Resp:	8047
Ion	Ratio	Lower	Upper
84	100		
49	104.1	99.9	149.9
51	29.3	31.1	46.7#
86	58.8	51.8	77.6



#25
2-Butanone
Concen: 1.357 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005901.D
Acq: 08 Oct 2018 17:43

Tgt Ion:	43	Resp:	1082
Ion	Ratio	Lower	Upper
43	100		
72	22.5	21.0	31.4





#29

Tetrahydrofuran

Concen: 1.113 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW005901.D

Acq: 08 Oct 2018 17:43

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1002-S-DH-02RE

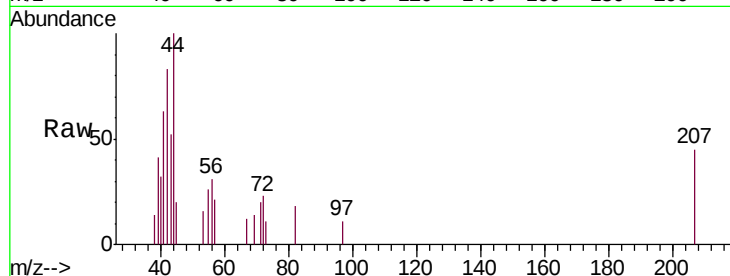
Tgt Ion: 42 Resp: 561

Ion Ratio Lower Upper

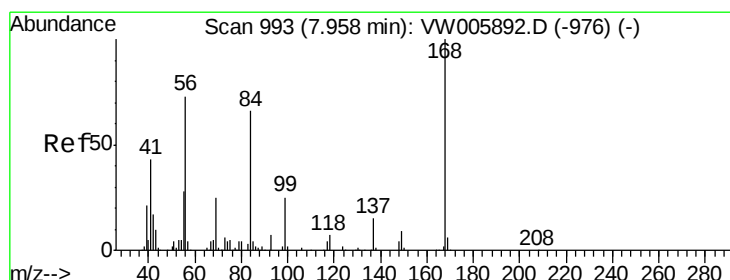
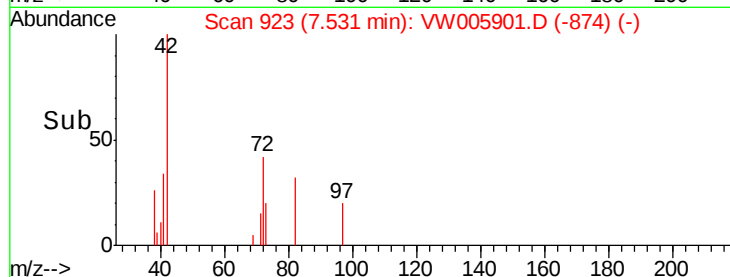
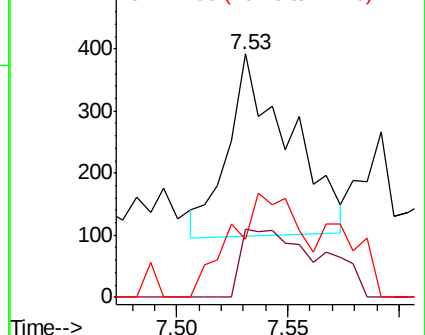
42 100

72 48.5 34.6 51.8

71 63.8 32.6 49.0#



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: 1.208 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005901.D

Acq: 08 Oct 2018 17:43

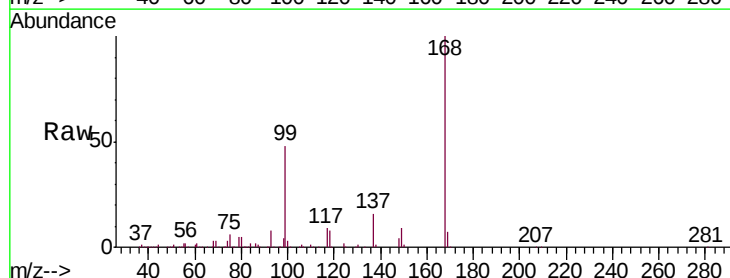
Tgt Ion: 56 Resp: 5938

Ion Ratio Lower Upper

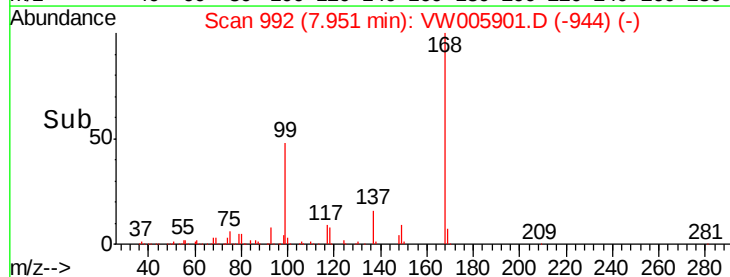
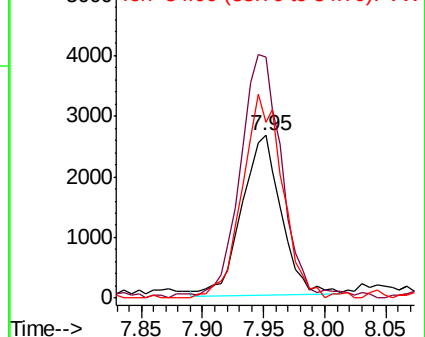
56 100

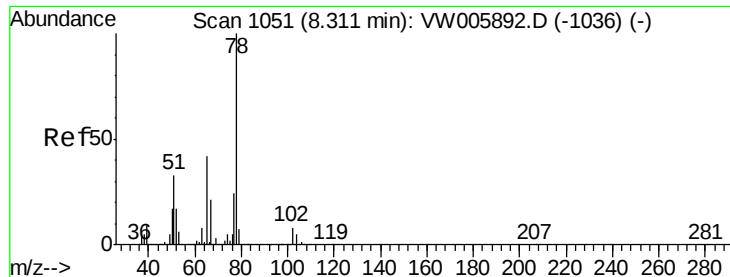
69 149.6 27.9 41.9#

84 111.0 72.3 108.5#



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

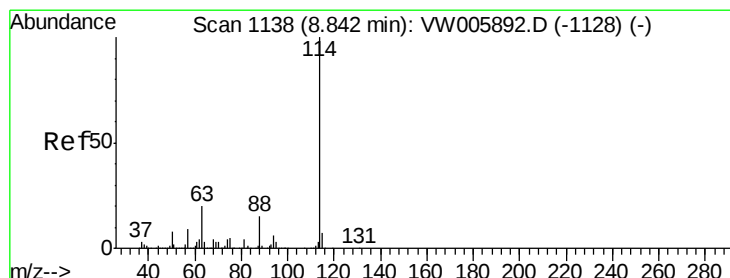
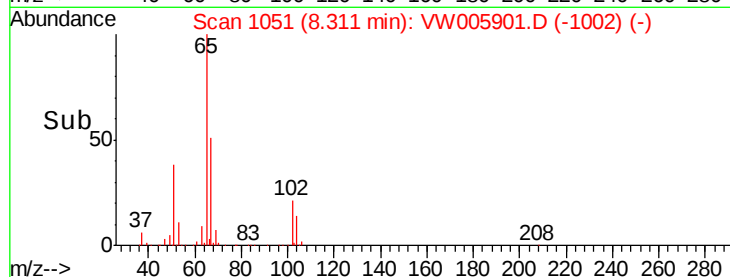
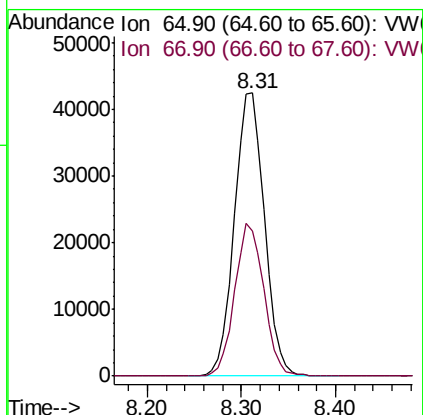
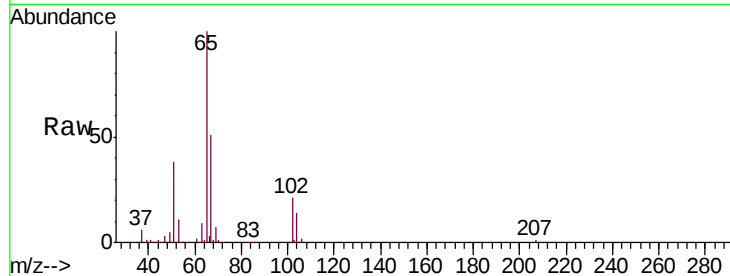




#33
 1,2-Dichloroethane-d4
 Concen: 33.628 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005901.D
 Acq: 08 Oct 2018 17:43

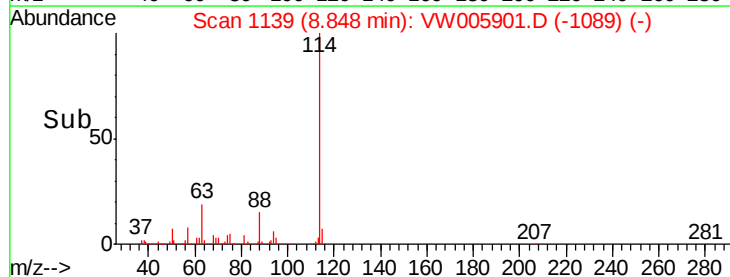
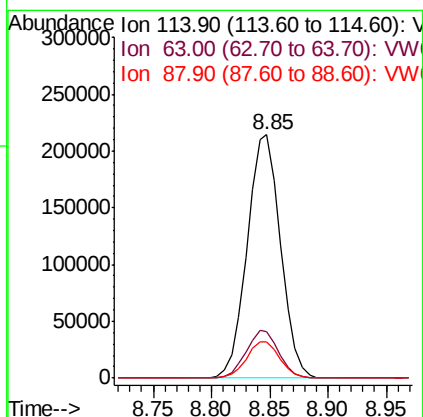
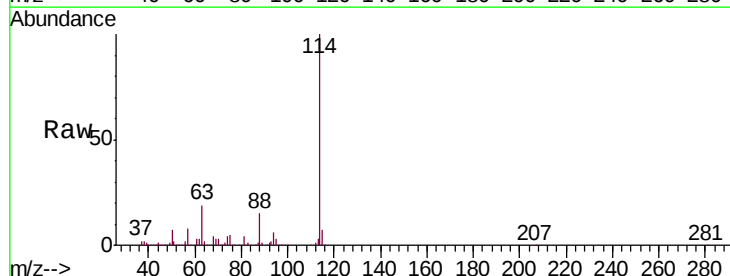
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1002-S-DH-02RE

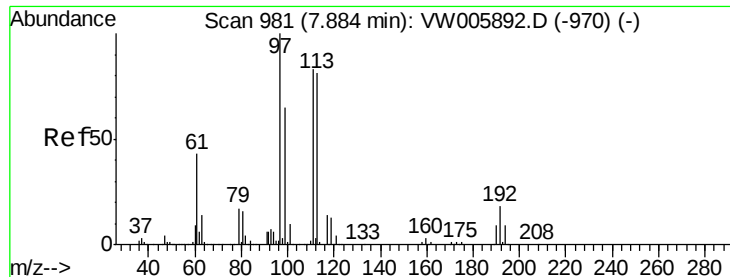
Tgt Ion: 65 Resp: 94384
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005901.D
 Acq: 08 Oct 2018 17:43

Tgt Ion: 114 Resp: 428567
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 14.9 0.0 30.8

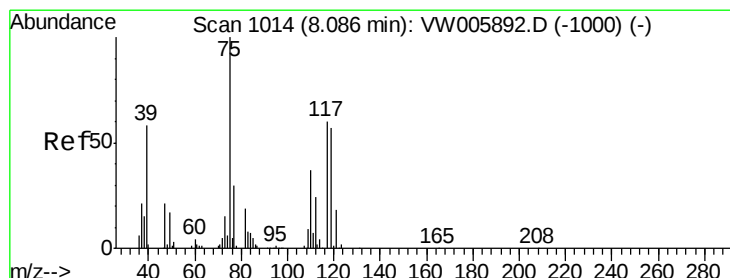
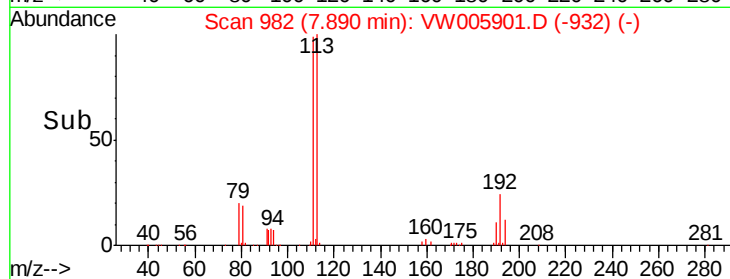
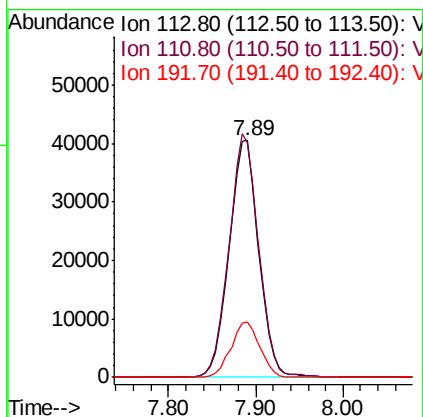
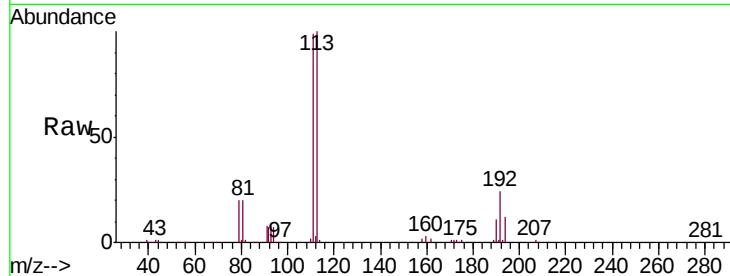




#35
 Dibromofluoromethane
 Concen: 34.782 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005901.D
 Acq: 08 Oct 2018 17:43

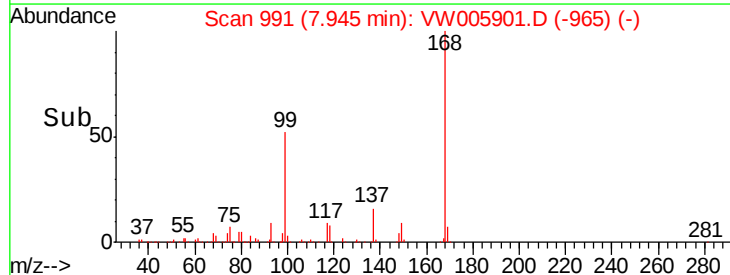
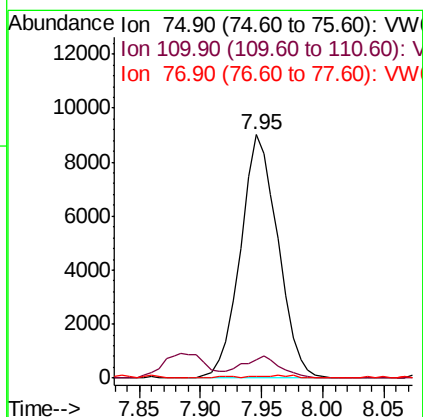
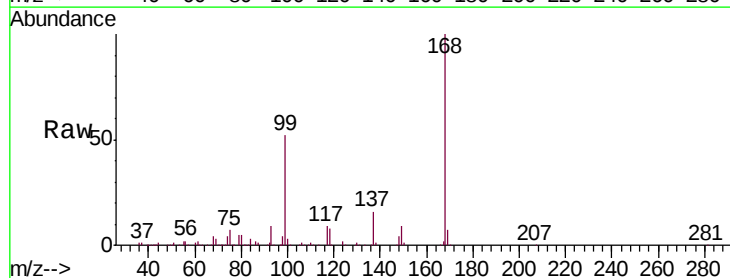
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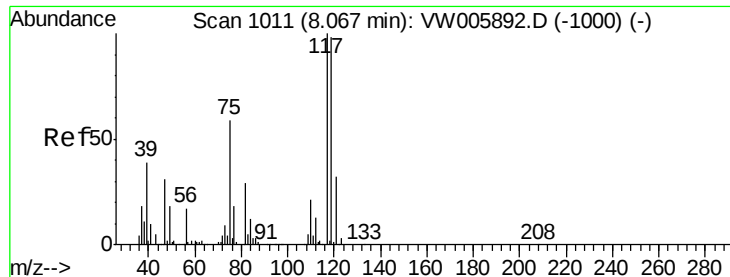
Tgt Ion: 113 Resp: 95170
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 22.9 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.676 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005901.D
 Acq: 08 Oct 2018 17:43

Tgt Ion: 75 Resp: 19204
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 56.0#
 77 0.9 24.7 37.1#

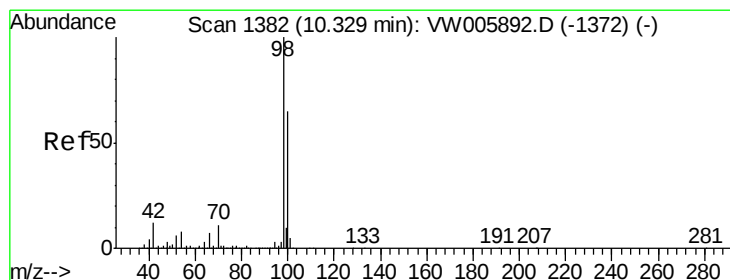
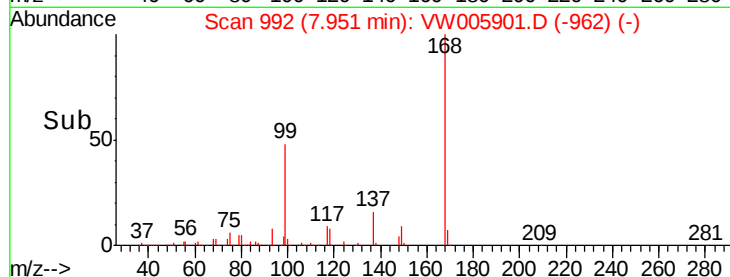
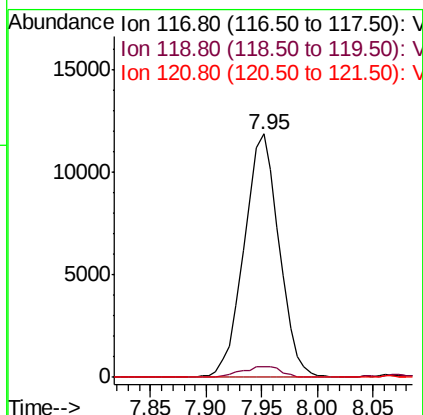
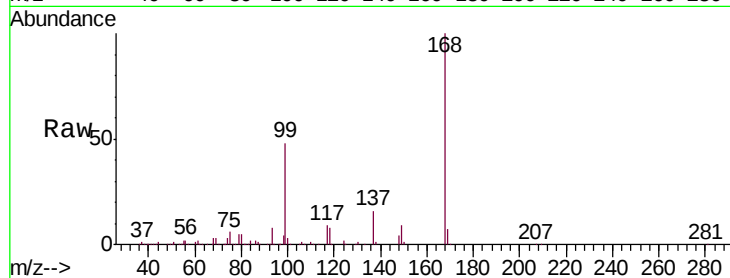




#38
Carbon Tetrachloride
Concen: 5.898 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005901.D
Acq: 08 Oct 2018 17:43

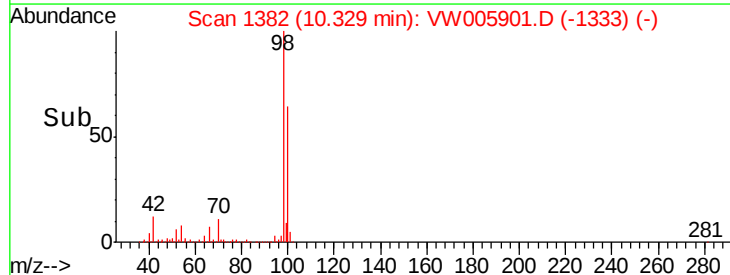
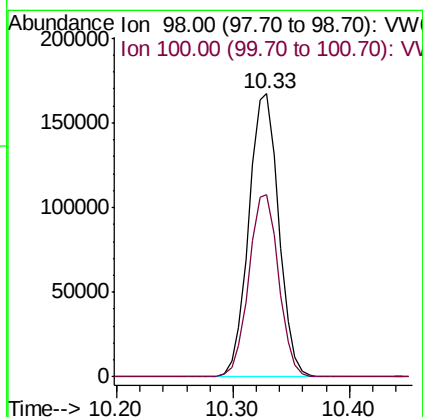
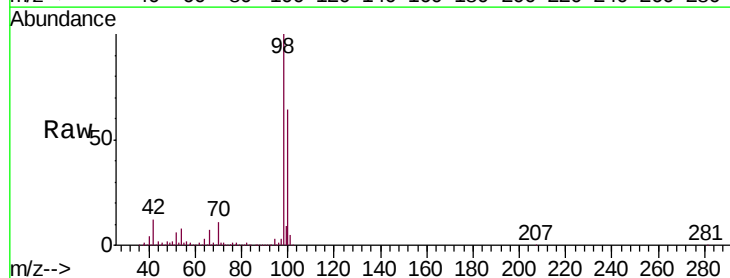
Instrument :
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SSSI-1002-S-DH-02RE

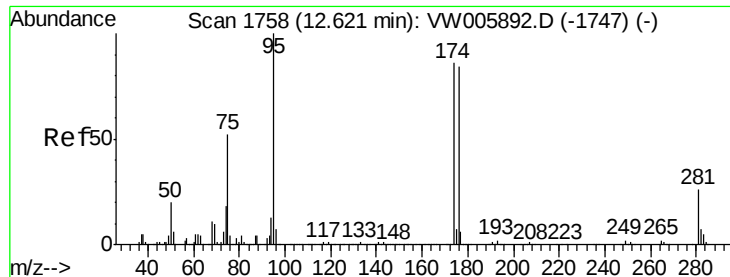
Tgt Ion:117 Resp: 26023
Ion Ratio Lower Upper
117 100
119 4.4 78.6 117.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 28.607 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005901.D
Acq: 08 Oct 2018 17:43

Tgt Ion: 98 Resp: 301160
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

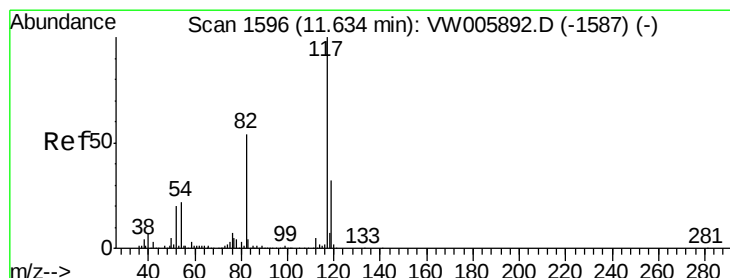
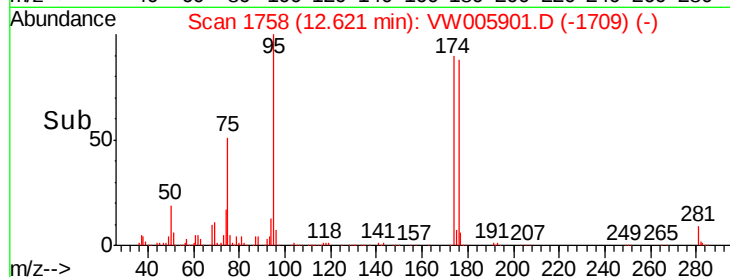
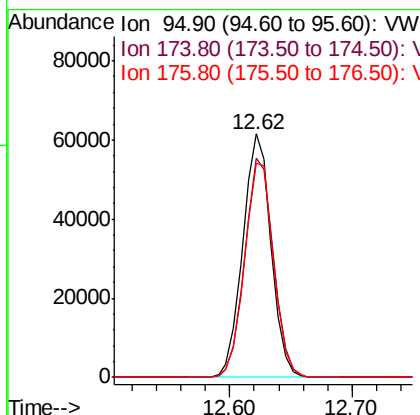
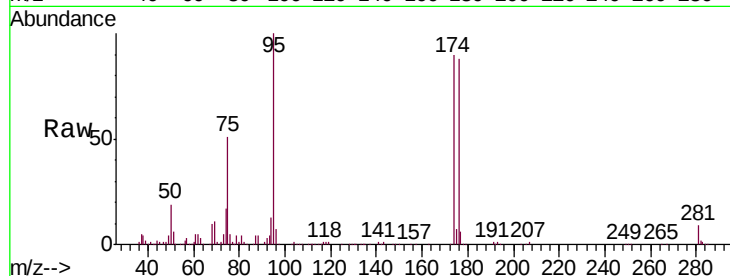




#62
4-Bromofluorobenzene
Concen: 24.635 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005901.D
Acq: 08 Oct 2018 17:43

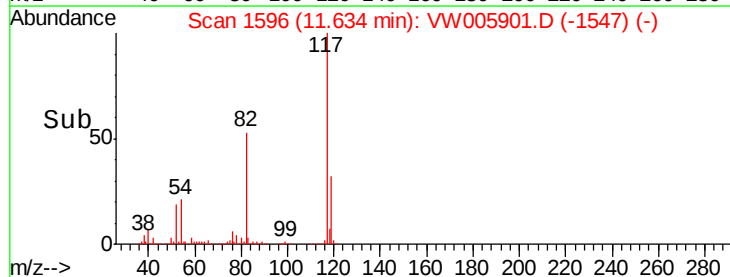
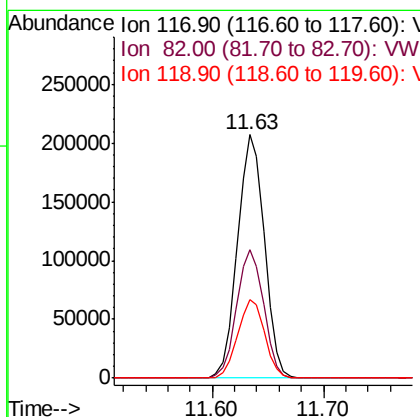
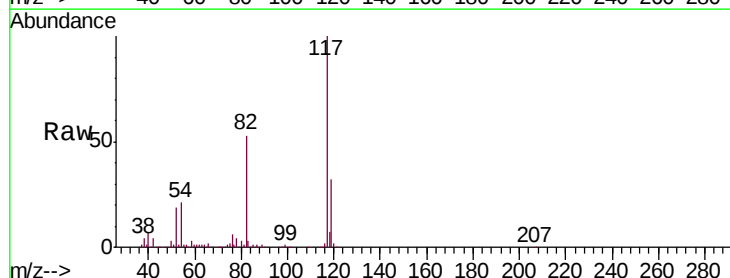
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1002-S-DH-02RE

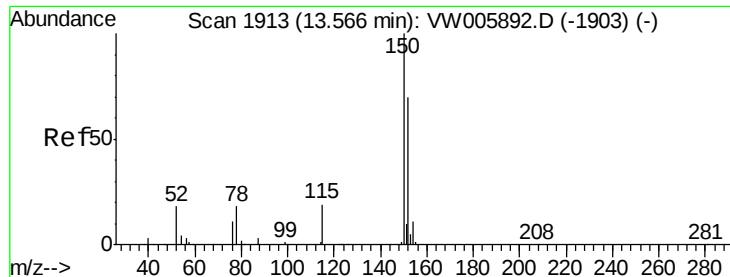
Tgt Ion: 95 Resp: 98669
Ion Ratio Lower Upper
95 100
174 91.5 0.0 176.4
176 90.2 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005901.D
Acq: 08 Oct 2018 17:43

Tgt Ion: 117 Resp: 345488
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 32.4 25.4 38.2



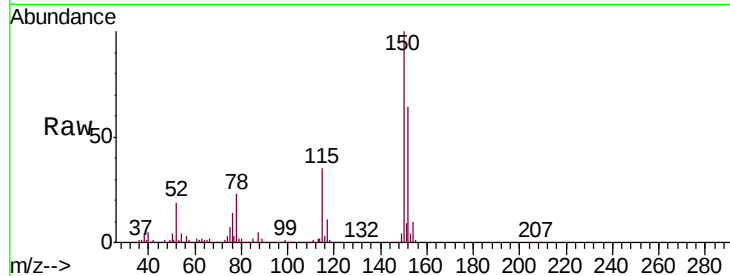


#72

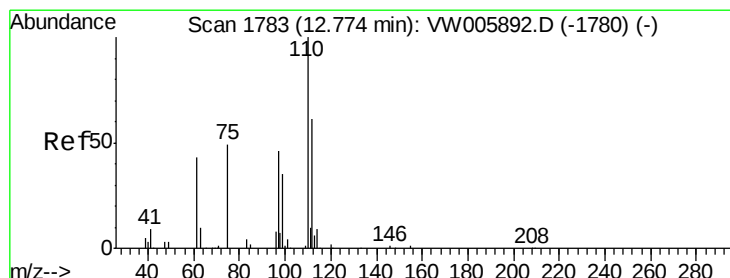
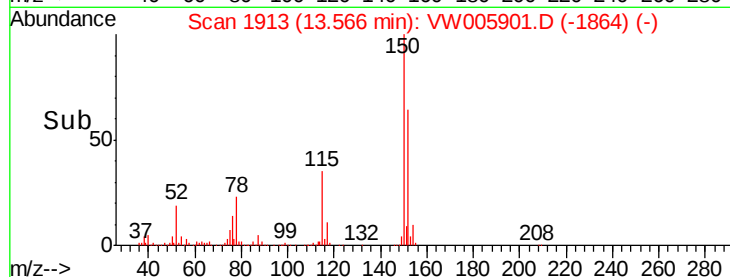
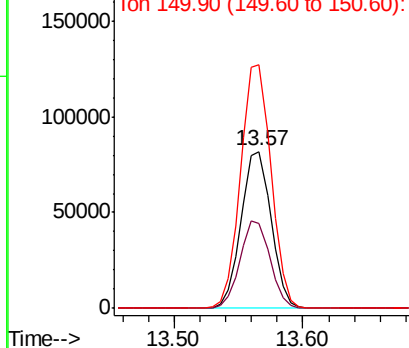
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005901.D
Acq: 08 Oct 2018 17:43

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1002-S-DH-02RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.3	85.0
150	156.8	0.0	349.2



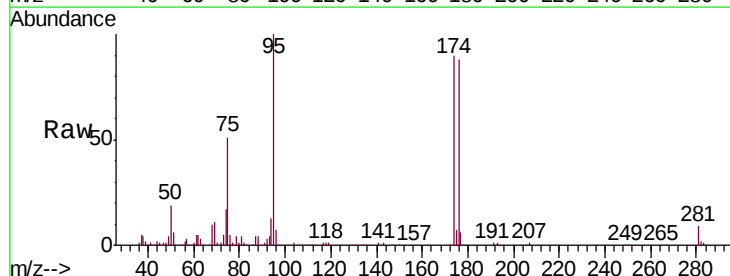
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



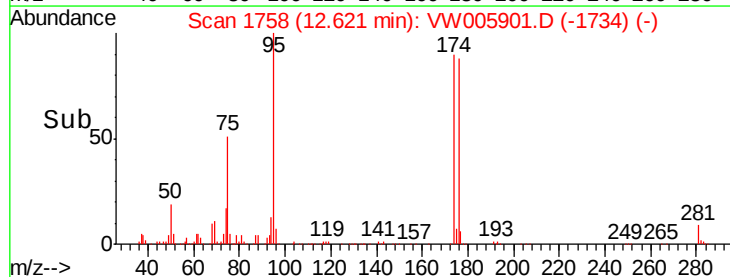
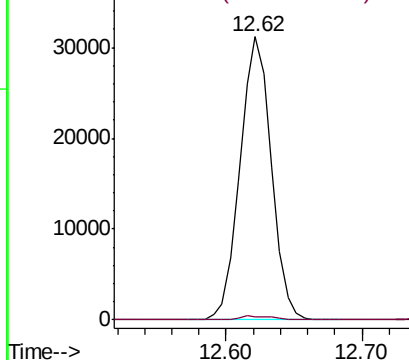
#76

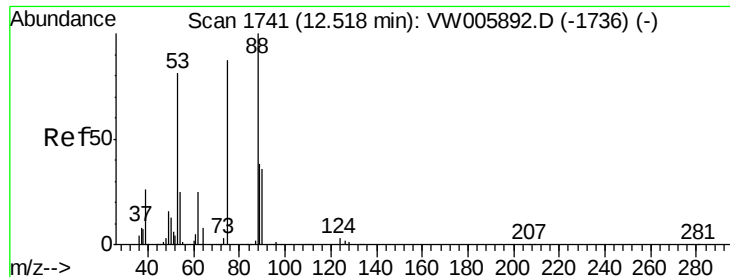
1,2,3-Trichloropropane
Concen: 42.316 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005901.D
Acq: 08 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	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: 89.333 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005901.D

Acq: 08 Oct 2018 17:43

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1002-S-DH-02RE

Tgt Ion: 75 Resp: 50021

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

