

Data File : VW013172.D
Acq On : 19 Sep 2019 20:01
Operator : SY/VA
Sample : K4925-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SS-1

Quant Time: Sep 20 07:49:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	163924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	136362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49585	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	48036	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
35) Dibromofluoromethane	7.88	113	47727	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	10.32	98	189368	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.62	95	52658	42.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.14%	

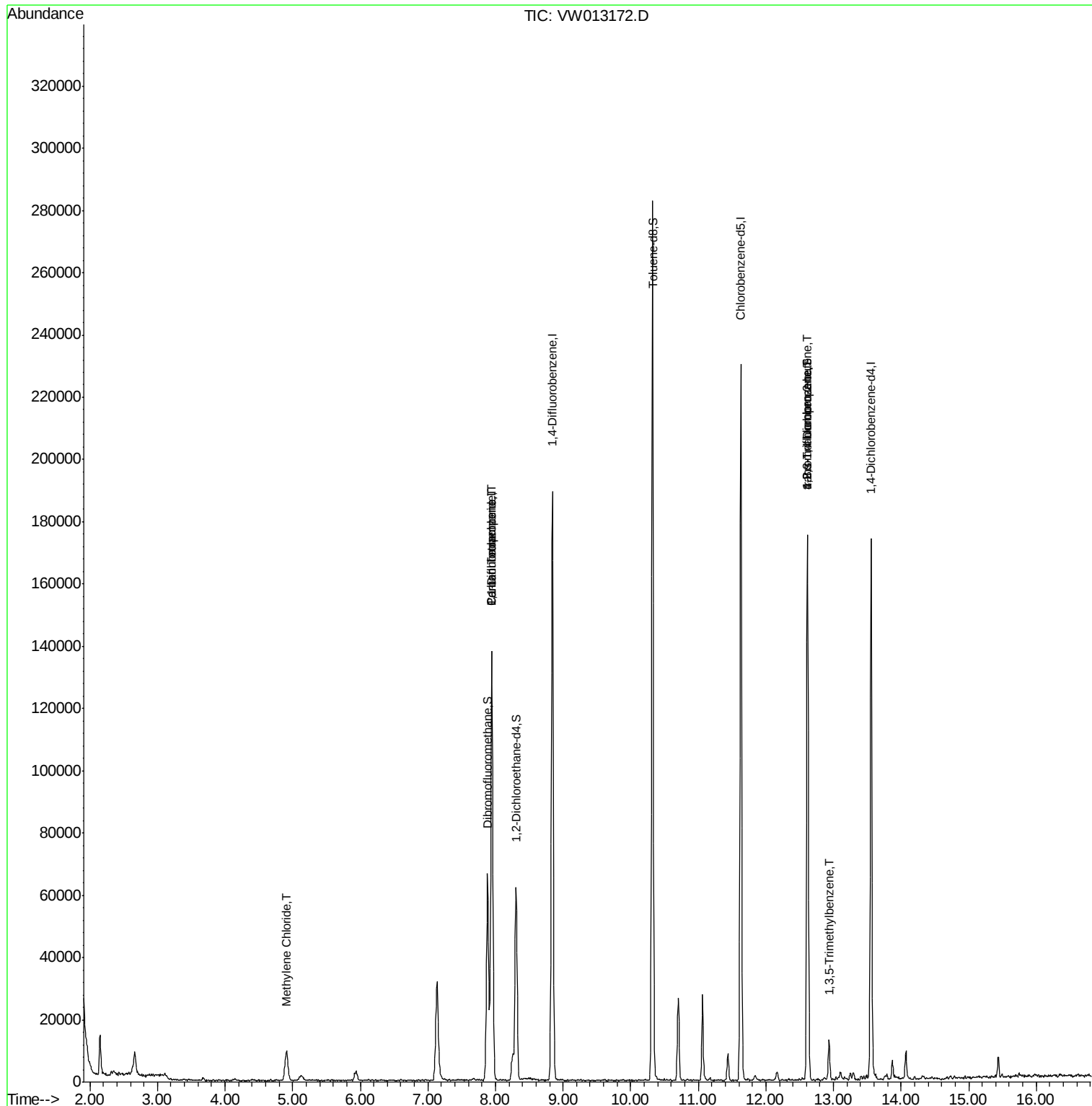
Target Compounds			Qvalue			
3) Chloromethane	2.20	50	53	Below Cal	#	41
11) Tert butyl alcohol	5.19	59	95	Below Cal	#	72
16) Acetone	4.14	43	472	Below Cal	#	63
20) Methylene Chloride	4.91	84	7323	3.881	ug/l	97
26) 2,2-Dichloropropane	7.14	77	2339	Below Cal	#	55
31) Cyclohexane	7.95	56	2030	Below Cal	#	6
36) 1,1-Dichloropropene	7.95	75	7290	5.565	ug/l	# 53
38) Carbon Tetrachloride	7.95	117	9832	7.324	ug/l	# 14
76) 1,2,3-Trichloropropane	12.62	75	25866	59.554	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.94	105	2951	1.061	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	25866	135.098	ug/l	# 7

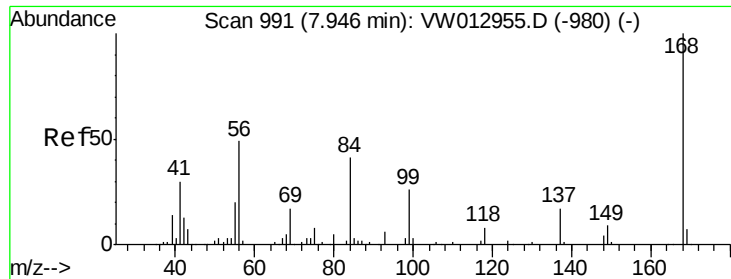
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013172.D

Acq: 19 Sep 2019 20:01

Instrument :

MSVOA_W

ClientSampleId :

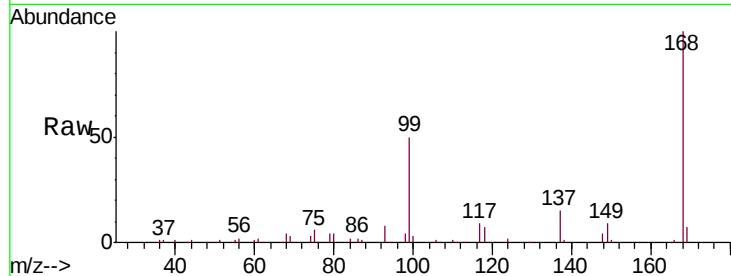
SS-1

Tgt Ion:168 Resp: 113265

Ion Ratio Lower Upper

168 100

99 50.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

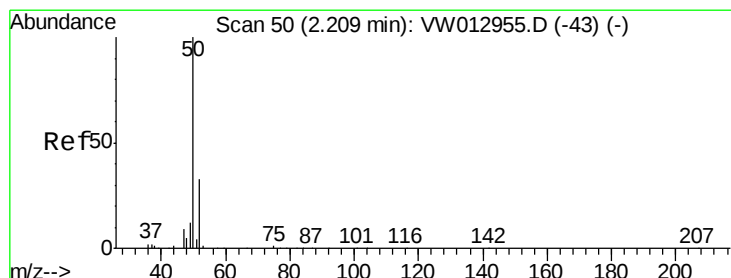
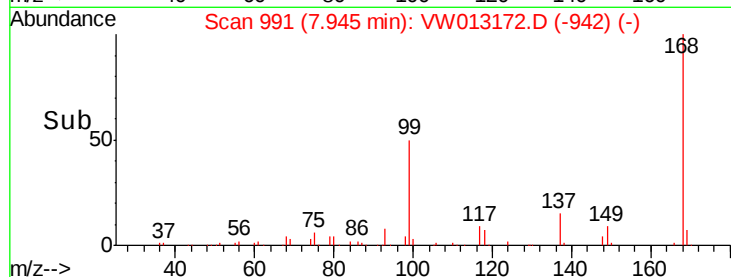
20000

10000

0

7.90 8.00 8.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VW013172.D

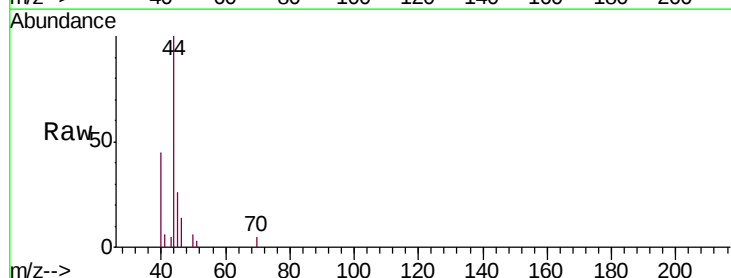
Acq: 19 Sep 2019 20:01

Tgt Ion: 50 Resp: 53

Ion Ratio Lower Upper

50 100

52 0.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

150

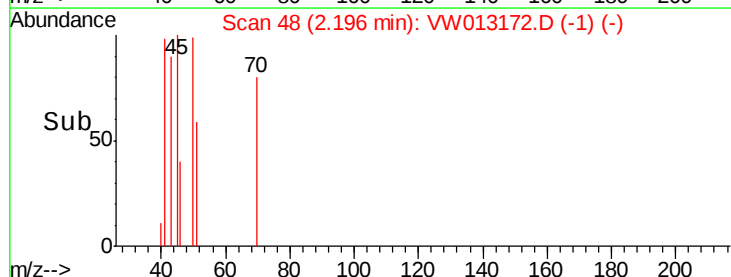
100

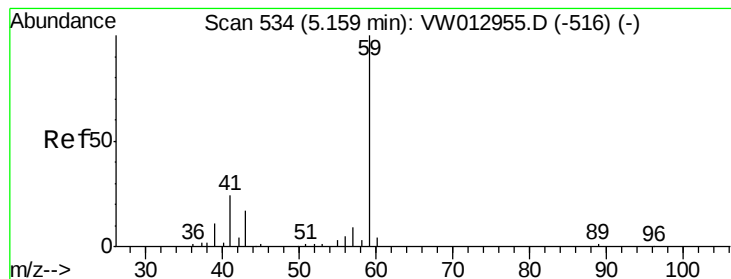
50

0

2.17 2.18 2.19 2.20 2.21

Time-->



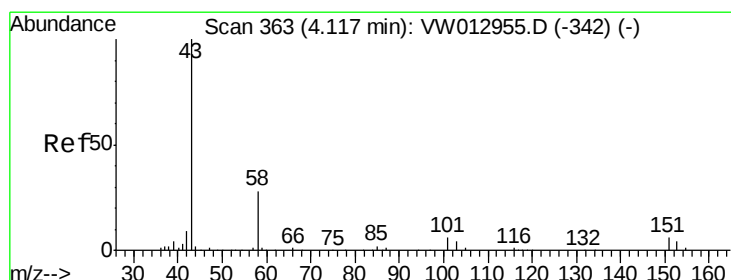
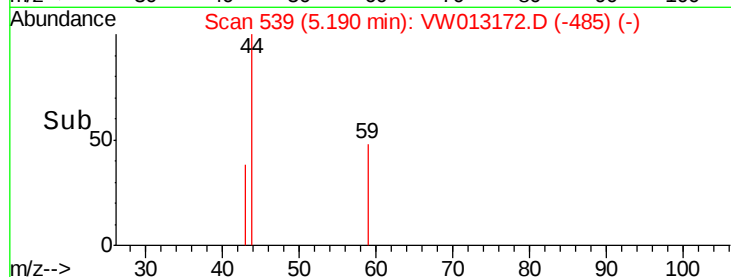
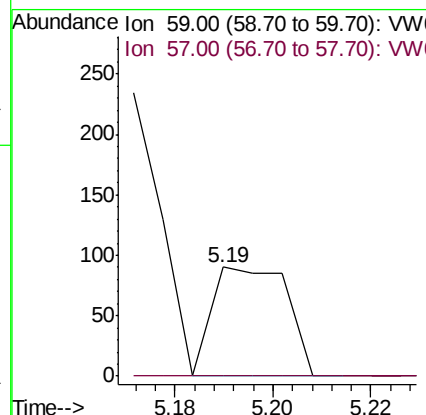
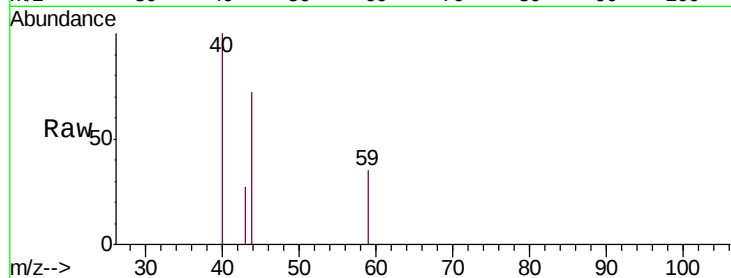


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.19 min Scan# 539
 Delta R.T. 0.03 min
 Lab File: VW013172.D
 Acq: 19 Sep 2019 20:01

Instrument :
 MSVOA_W
 ClientSampled :
 SS-1

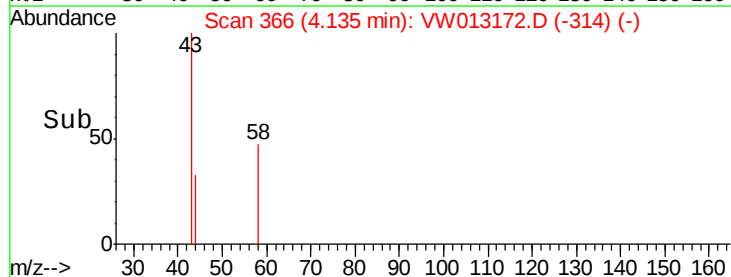
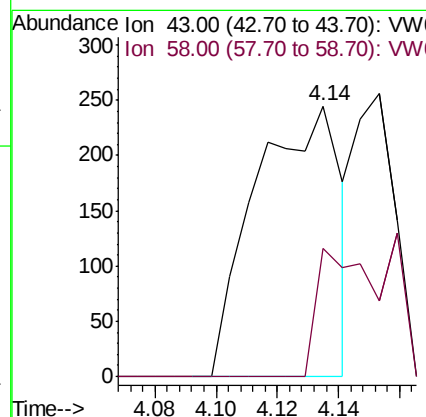
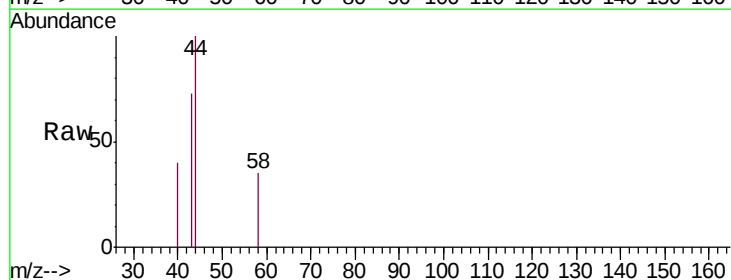
Tgt Ion: 59 Resp: 95
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

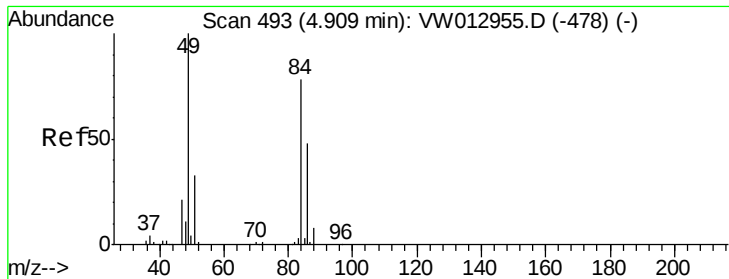


#16

Acetone
 Concen: Below Cal
 RT: 4.14 min Scan# 366
 Delta R.T. 0.02 min
 Lab File: VW013172.D
 Acq: 19 Sep 2019 20:01

Tgt Ion: 43 Resp: 472
 Ion Ratio Lower Upper
 43 100
 58 47.3 22.3 33.5#

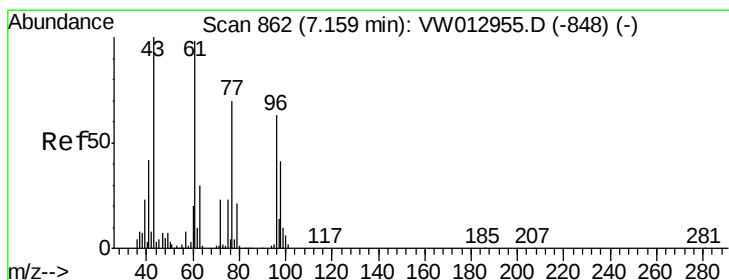
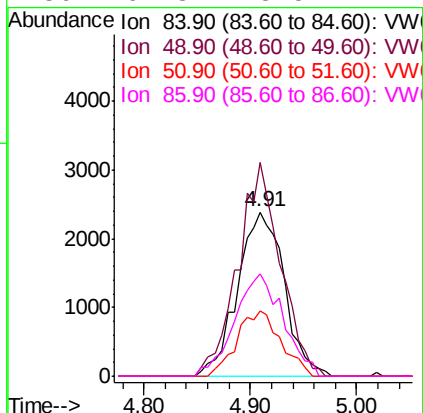
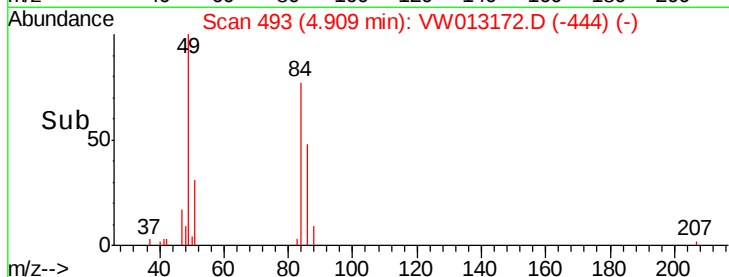
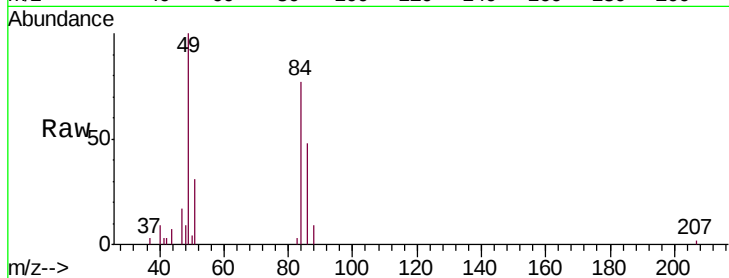




#20
Methylene Chloride
Concen: 3.881 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013172.D
Acq: 19 Sep 2019 20:01

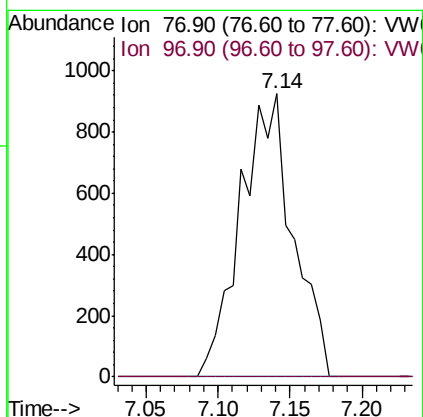
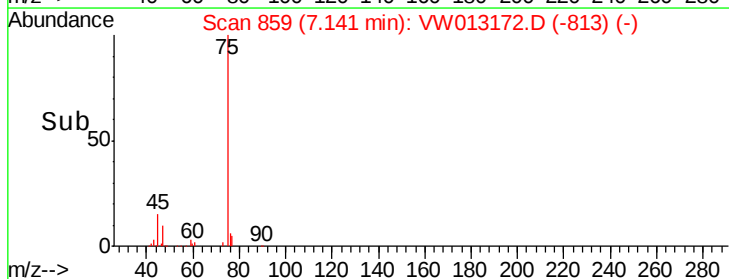
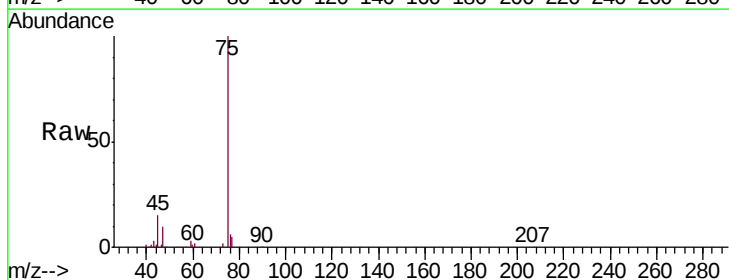
Instrument :
MSVOA_W
ClientSampled :
SS-1

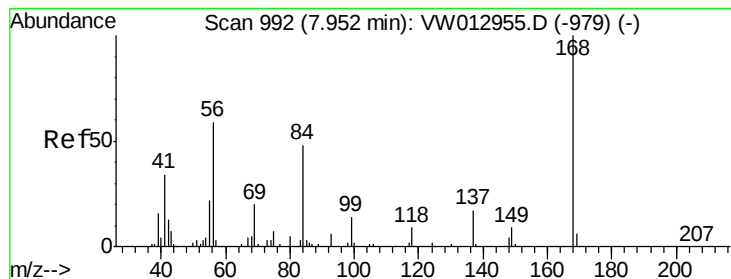
Tgt Ion: 84 Resp: 7323
Ion Ratio Lower Upper
84 100
49 130.0 102.0 153.0
51 39.8 34.0 51.0
86 62.3 48.5 72.7



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW013172.D
Acq: 19 Sep 2019 20:01

Tgt Ion: 77 Resp: 2339
Ion Ratio Lower Upper
77 100
97 0.0 10.7 32.1#





#31

Cyclohexane

Concen: Below Cal

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013172.D

Acq: 19 Sep 2019 20:01

Instrument :

MSVOA_W

ClientSampled :

SS-1

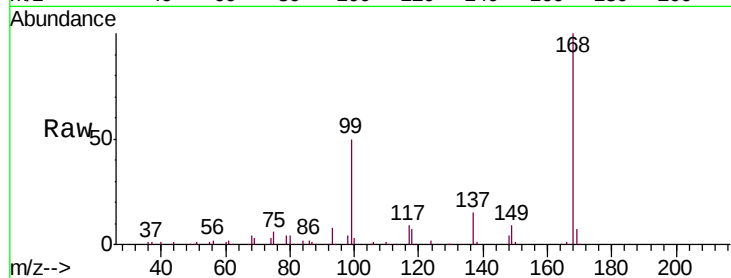
Tgt Ion: 56 Resp: 2030

Ion Ratio Lower Upper

56 100

69 153.1 27.0 40.6#

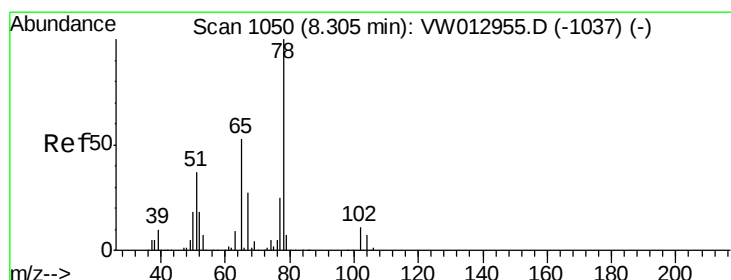
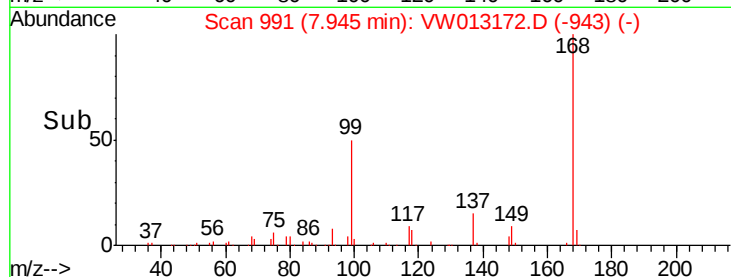
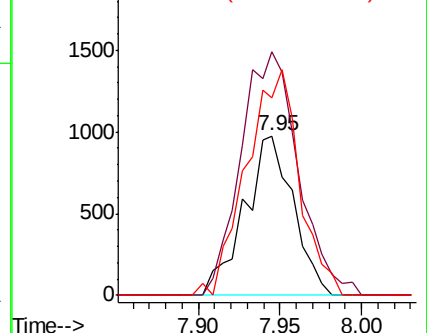
84 124.4 66.2 99.2#



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: 45.920 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013172.D

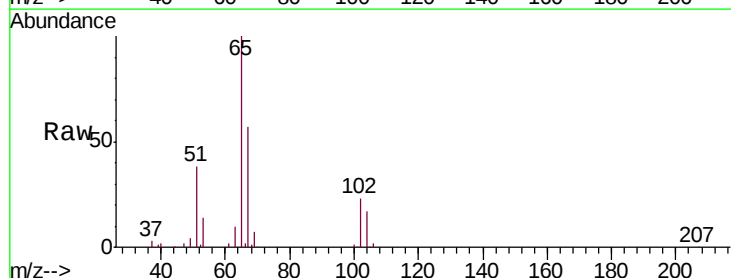
Acq: 19 Sep 2019 20:01

Tgt Ion: 65 Resp: 48036

Ion Ratio Lower Upper

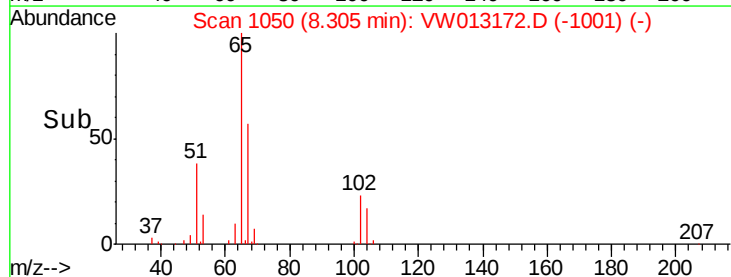
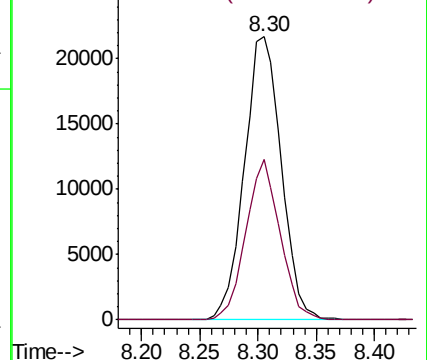
65 100

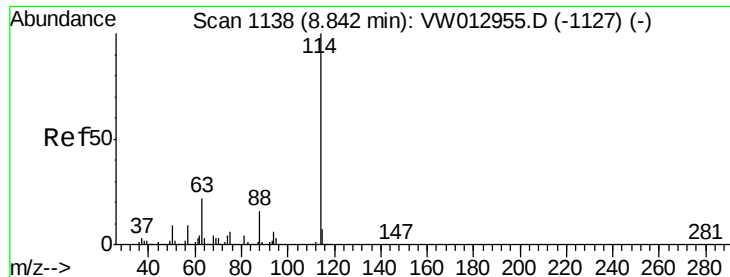
67 52.6 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

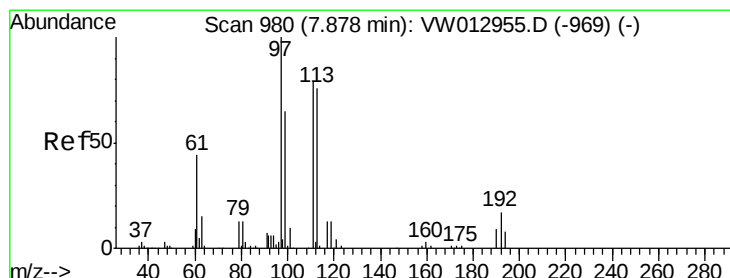
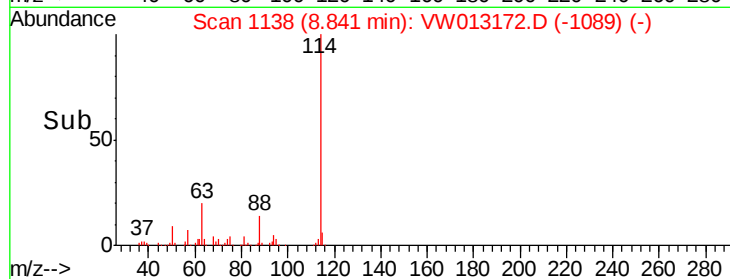
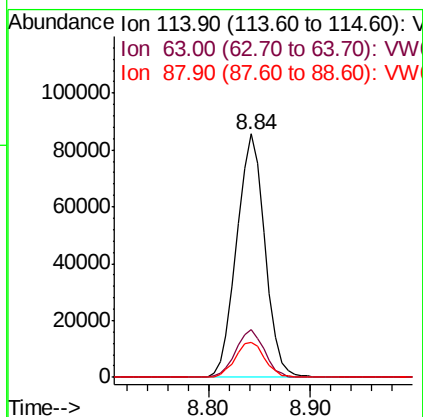
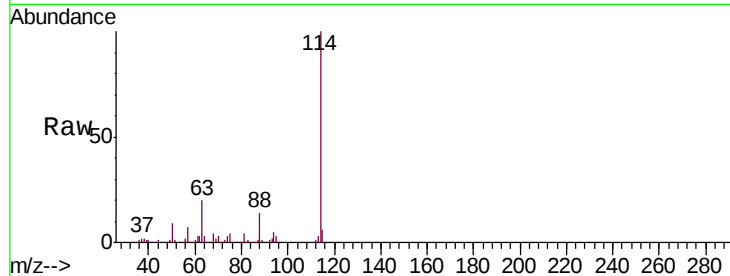




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013172.D
 Acq: 19 Sep 2019 20:01

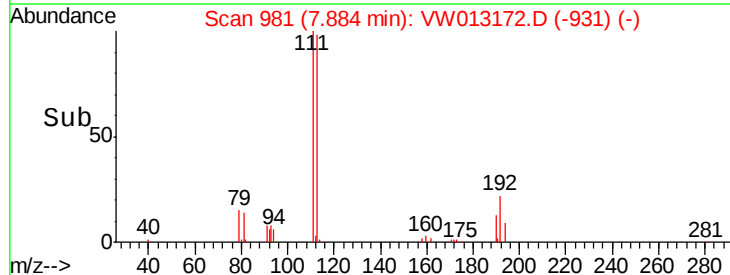
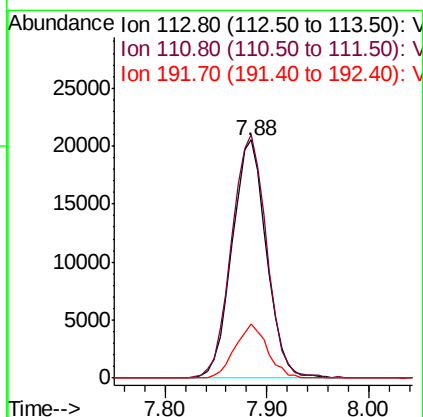
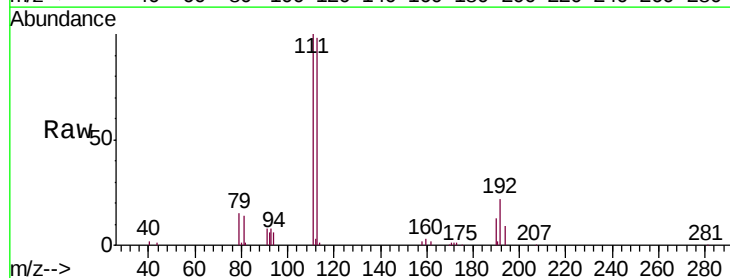
Instrument :
 MSVOA_W
 ClientSampleId :
 SS-1

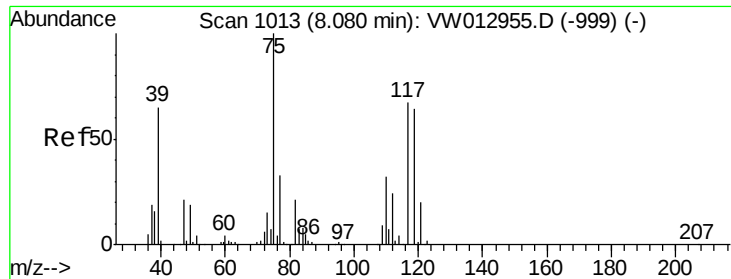
Tgt Ion:114 Resp: 163924
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.4
 88 14.3 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 53.658 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013172.D
 Acq: 19 Sep 2019 20:01

Tgt Ion:113 Resp: 47727
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.8 124.2
 192 21.2 17.8 26.8

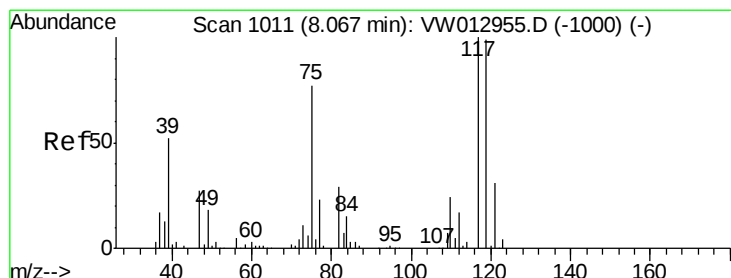
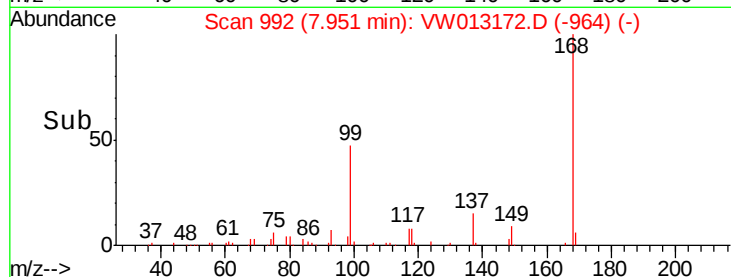
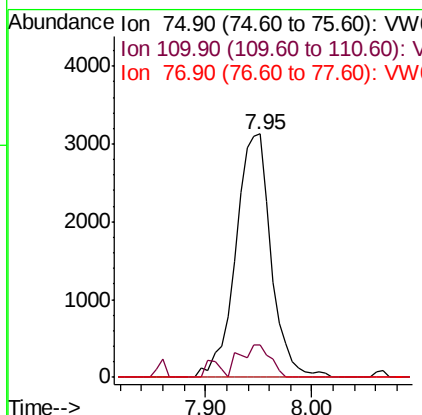
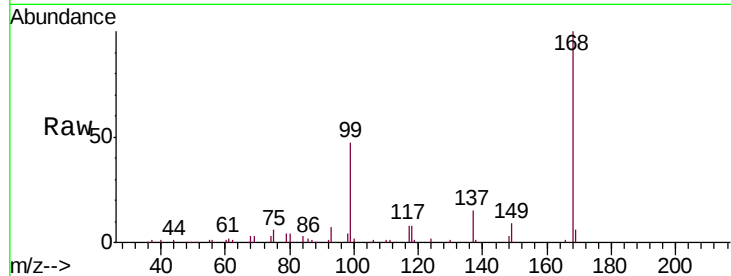




#36
 1,1-Dichloropropene
 Concen: 5.565 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW013172.D
 Acq: 19 Sep 2019 20:01

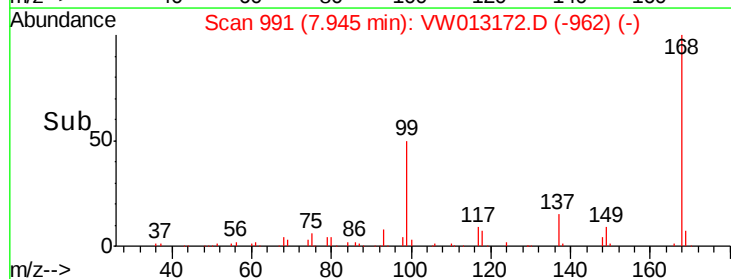
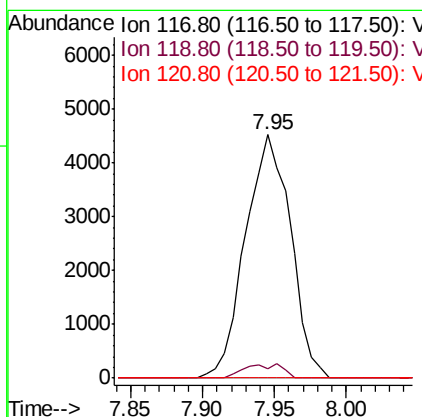
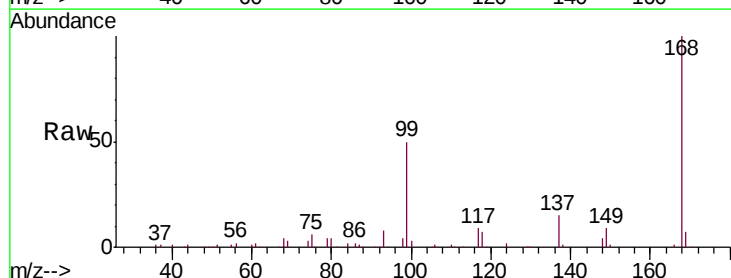
Instrument :
 MSVOA_W
 ClientSampleId :
 SS-1

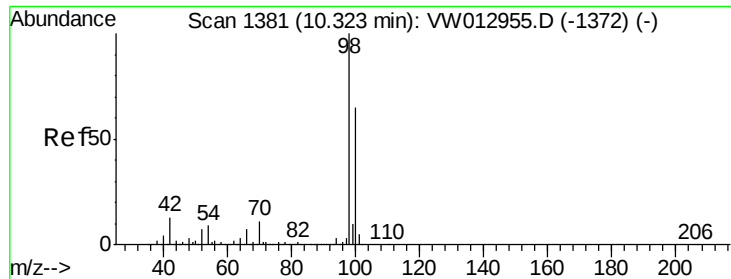
Tgt Ion: 75 Resp: 7290
 Ion Ratio Lower Upper
 75 100
 110 11.4 16.4 49.1#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 7.324 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013172.D
 Acq: 19 Sep 2019 20:01

Tgt Ion: 117 Resp: 9832
 Ion Ratio Lower Upper
 117 100
 119 4.0 79.4 119.0#
 121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 54.407 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013172.D

Acq: 19 Sep 2019 20:01

Instrument :

MSVOA_W

ClientSampleId :

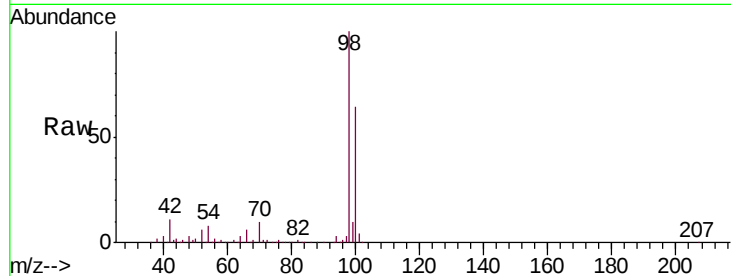
SS-1

Tgt Ion: 98 Resp: 189368

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

120000

100000

80000

60000

40000

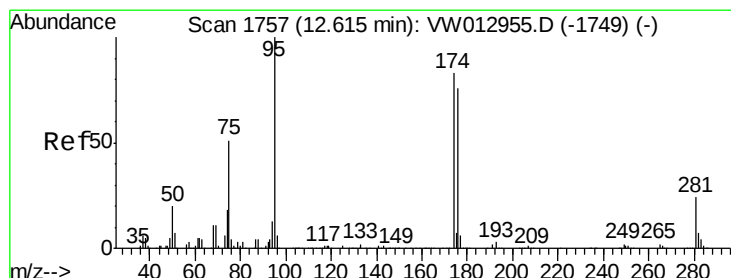
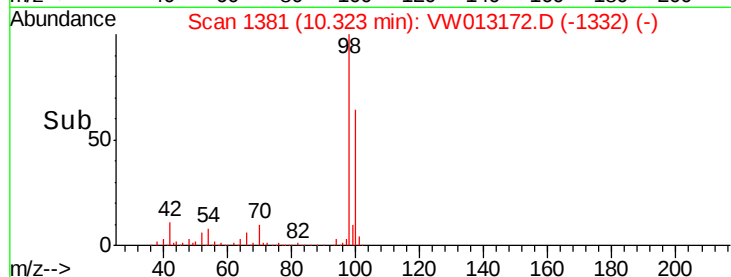
20000

0

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 42.074 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013172.D

Acq: 19 Sep 2019 20:01

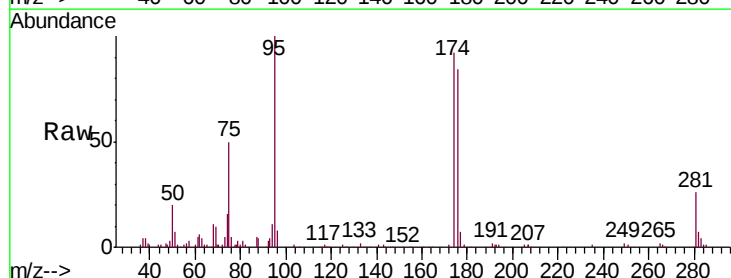
Tgt Ion: 95 Resp: 52658

Ion Ratio Lower Upper

95 100

174 89.1 0.0 170.4

176 88.7 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

40000

30000

20000

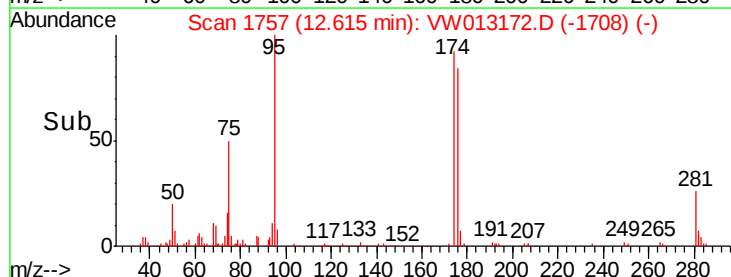
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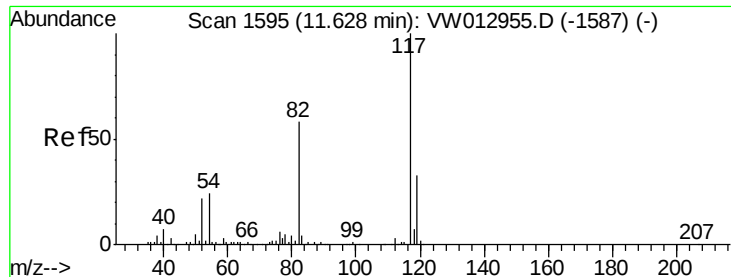
0

12.60

12.70

Time-->

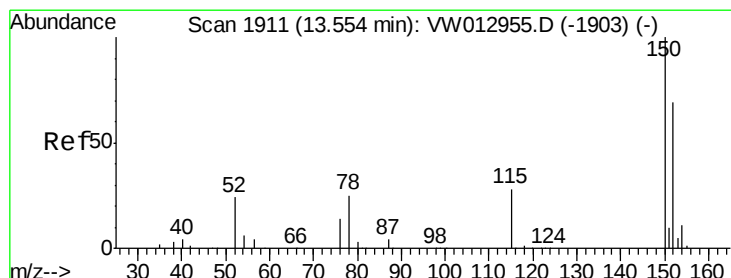
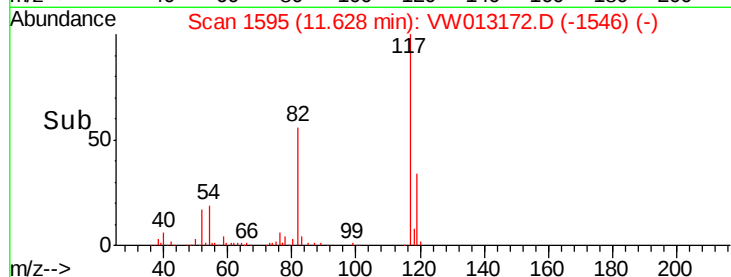
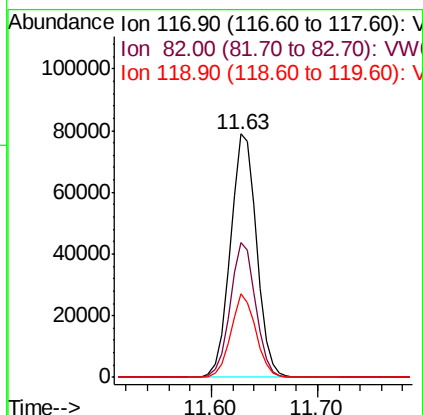
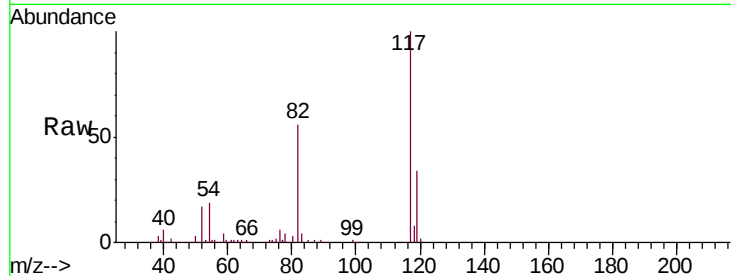




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013172.D
Acq: 19 Sep 2019 20:01

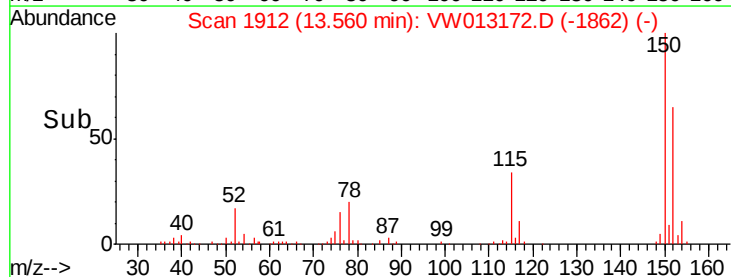
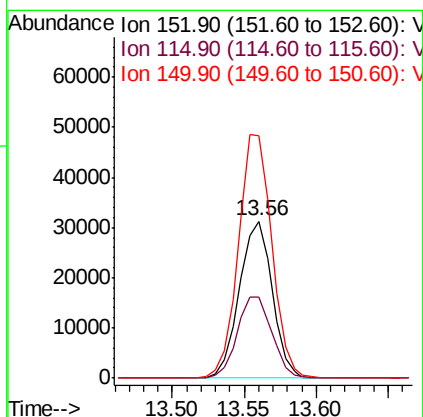
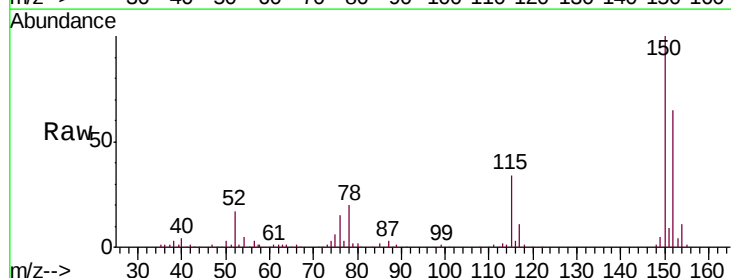
Instrument :
MSVOA_W
ClientSampleId :
SS-1

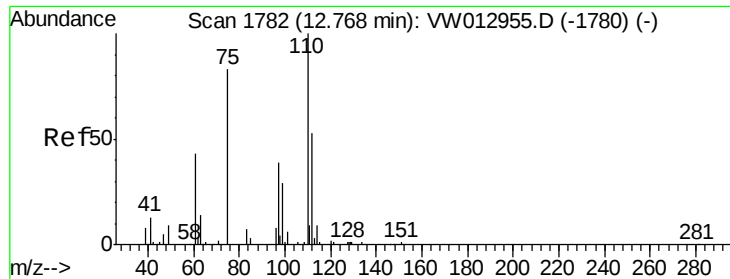
Tgt Ion:117 Resp: 136362
Ion Ratio Lower Upper
117 100
82 55.5 46.3 69.5
119 34.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013172.D
Acq: 19 Sep 2019 20:01

Tgt Ion:152 Resp: 49585
Ion Ratio Lower Upper
152 100
115 55.1 28.8 86.4
150 157.6 0.0 340.2

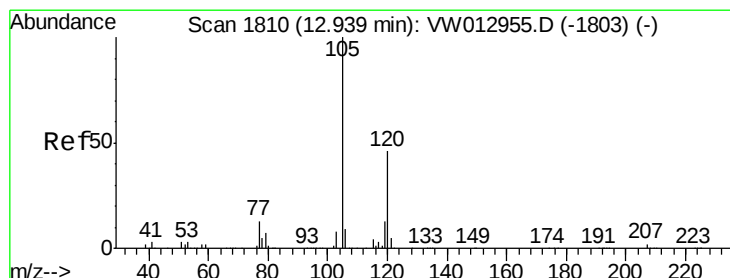
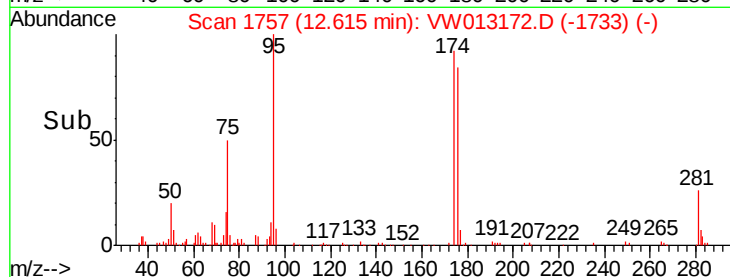
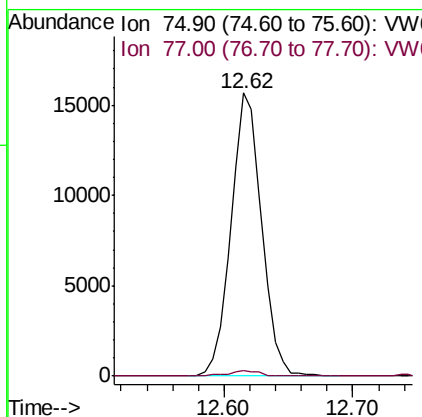
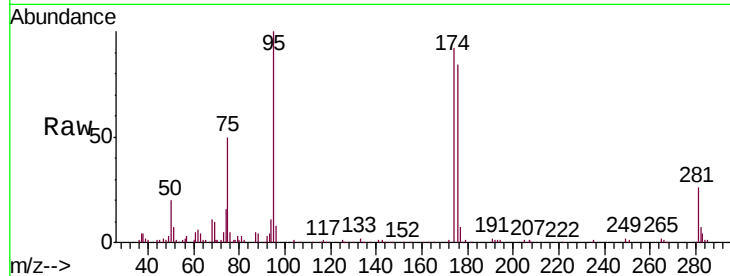




#76
 1,2,3-Trichloropropane
 Concen: 59.554 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013172.D
 Acq: 19 Sep 2019 20:01

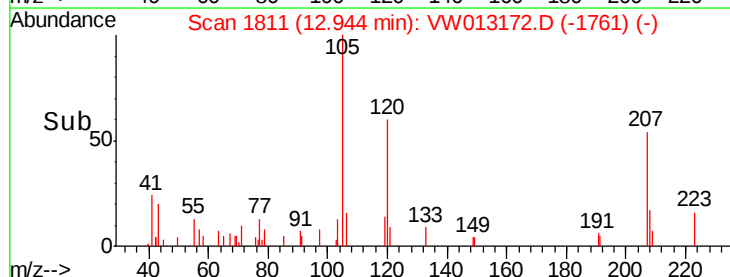
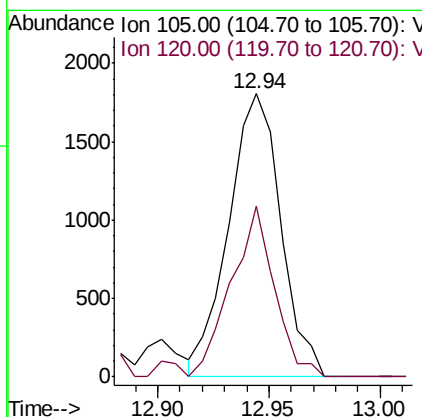
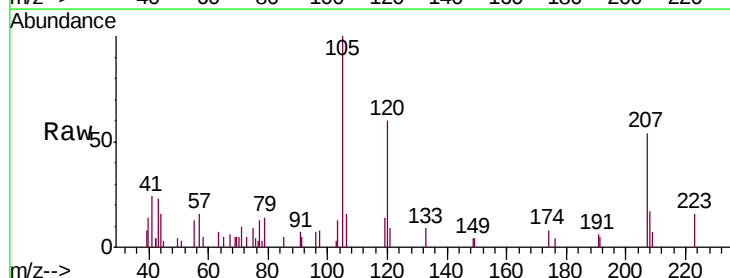
Instrument :
 MSVOA_W
 ClientSampleId :
 SS-1

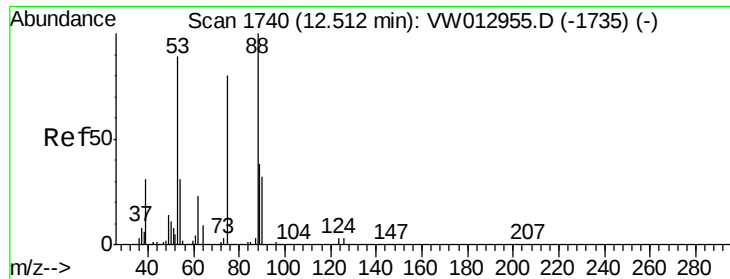
Tgt Ion: 75 Resp: 25866
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.061 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW013172.D
 Acq: 19 Sep 2019 20:01

Tgt Ion: 105 Resp: 2951
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 135.098 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013172.D

Acq: 19 Sep 2019 20:01

Instrument :

MSVOA_W

ClientSampleId :

SS-1

Tgt Ion: 75 Resp: 25866

Ion Ratio Lower Upper

75 100

53 0.1 85.6 128.4#

89 0.0 37.2 55.8#

