

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
 Data File : VW012264.D
 Acq On : 28 Aug 2019 19:33
 Operator : SY/VA
 Sample : K4510-09
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-14-7.5-8.0

Quant Time: Aug 29 06:49:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

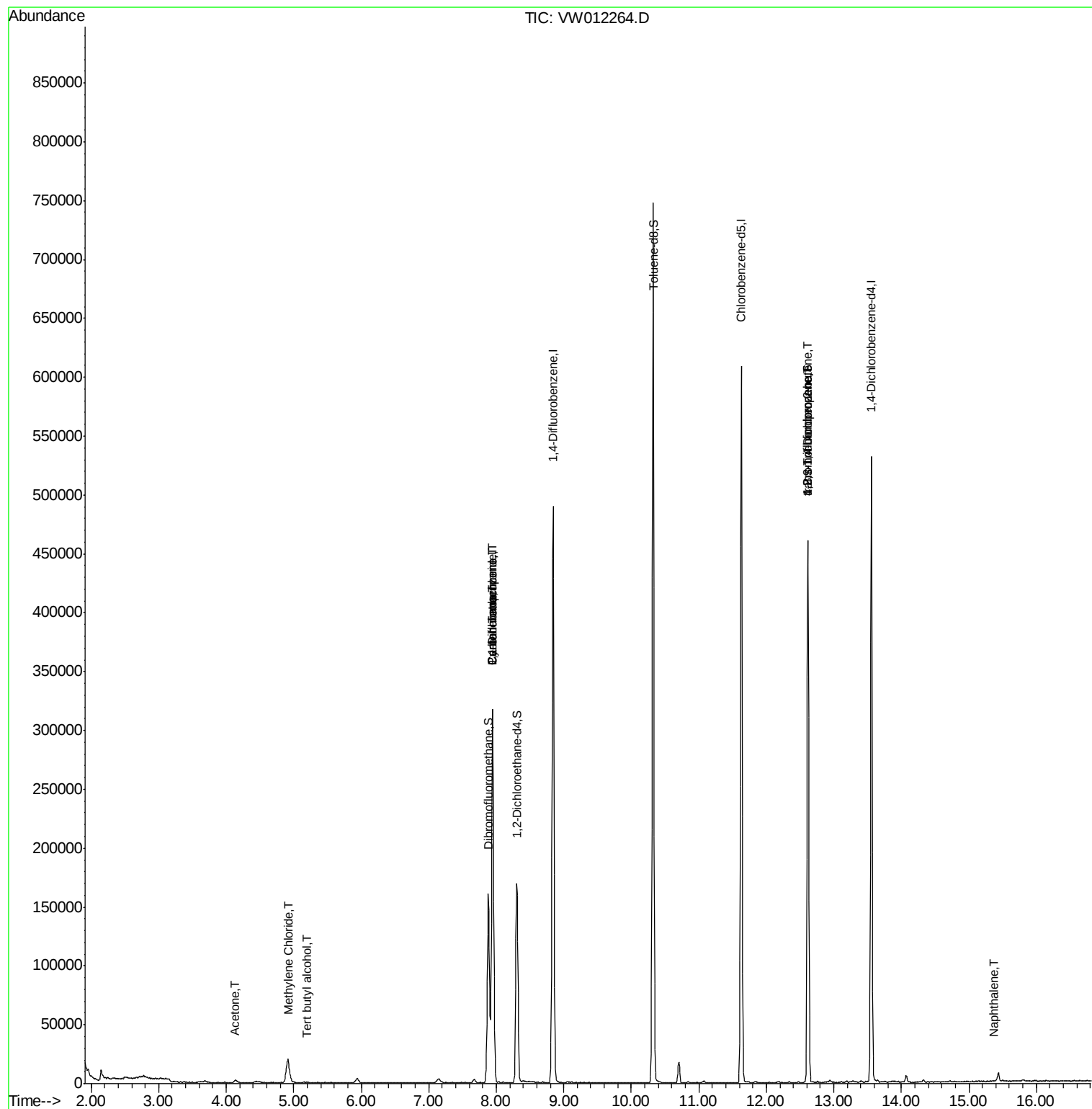
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	132433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135732	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	7.88	113	114973	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.32	98	468269	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	151382	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	468	2.879	ug/l #	71
16) Acetone	4.14	43	4934	7.147	ug/l #	87
20) Methylene Chloride	4.92	84	15029	5.758	ug/l	97
31) Cyclohexane	7.95	56	5578	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19591	4.932	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22650	6.588	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	80198	62.178	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80198	136.329	ug/l #	6
95) Naphthalene	15.36	128	223	4.362	ug/l #	80

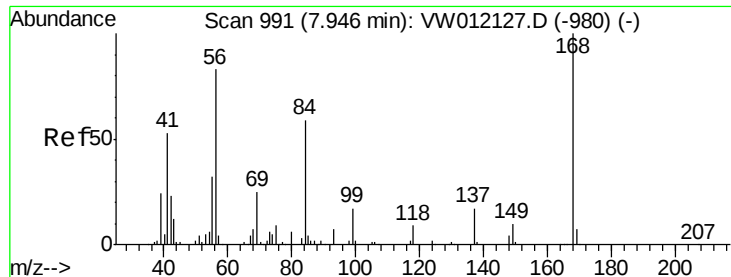
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012264.D

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Instrument :

MSVOA_W

ClientSampleId :

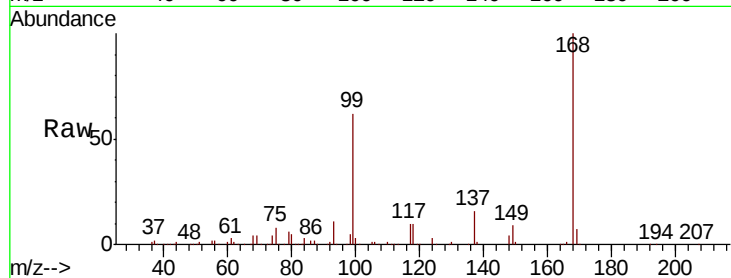
SB-14-7.5-8.0

Tgt Ion:168 Resp: 227197

Ion Ratio Lower Upper

168 100

99 61.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

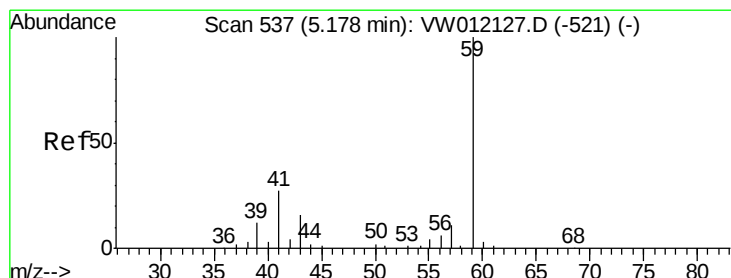
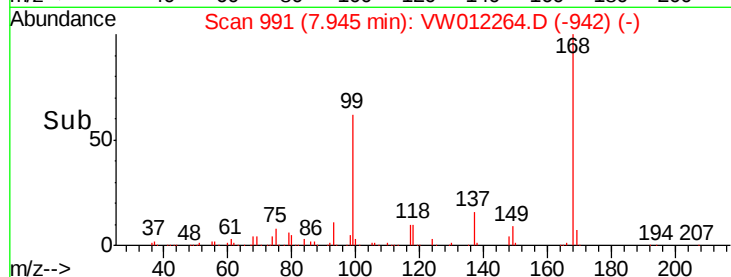
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.879 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.01 min

Lab File: VW012264.D

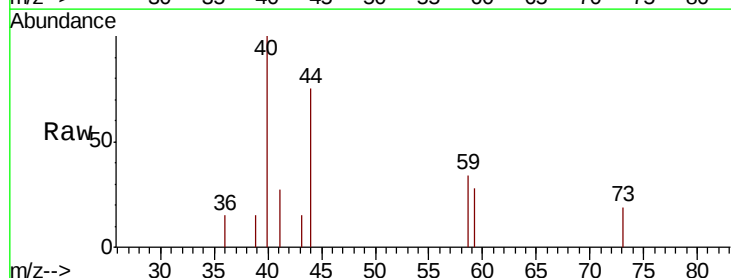
Acq: 28 Aug 2019 19:33

Tgt Ion: 59 Resp: 468

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

250

200

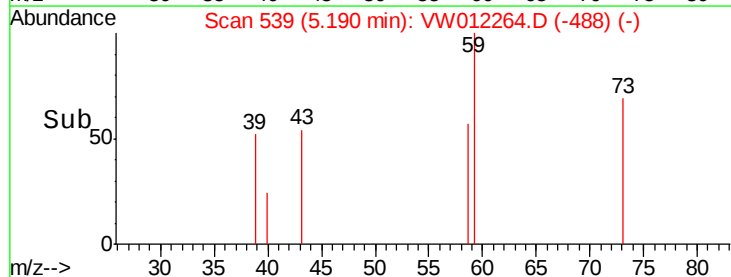
150

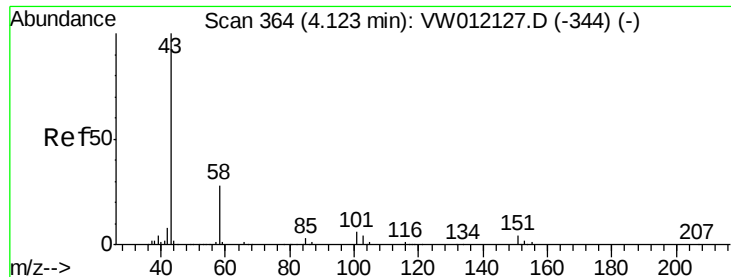
100

50

0

Time-->





#16

Acetone

Concen: 7.147 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

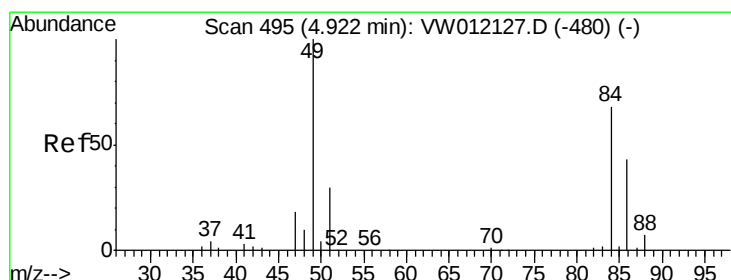
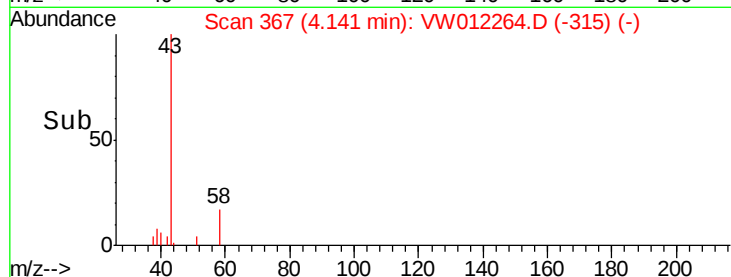
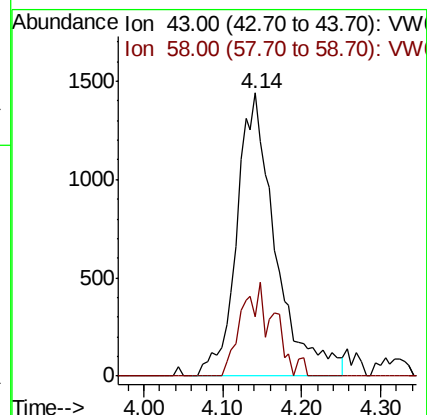
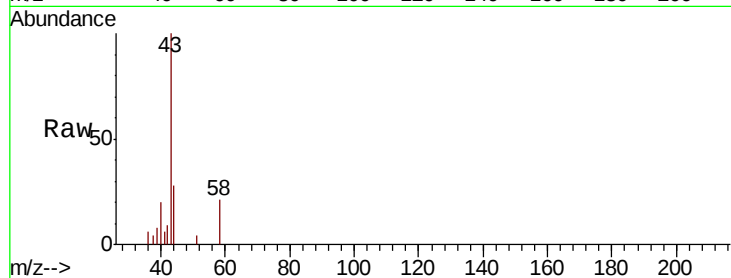
SB-14-7.5-8.0

Tgt Ion: 43 Resp: 4934

Ion Ratio Lower Upper

43 100

58 21.0 22.4 33.6#



#20

Methylene Chloride

Concen: 5.758 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

Tgt Ion: 84 Resp: 15029

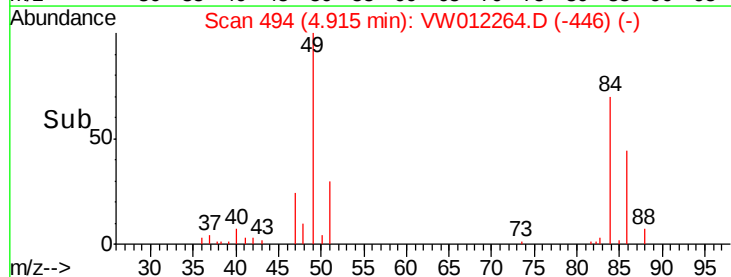
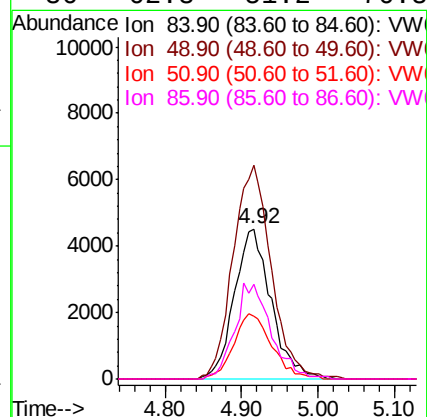
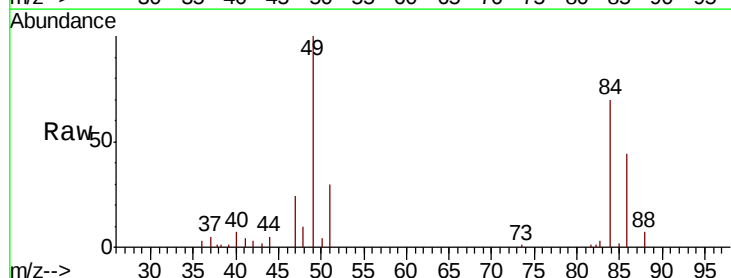
Ion Ratio Lower Upper

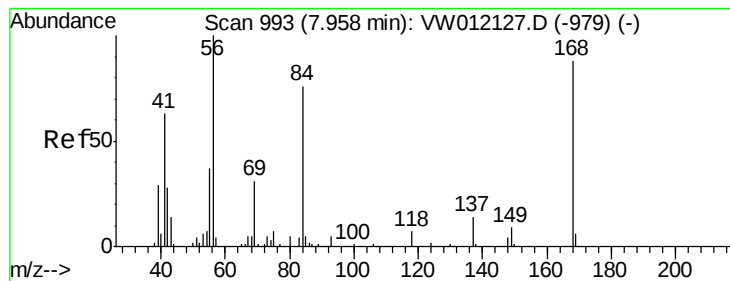
84 100

49 142.5 117.8 176.8

51 42.2 35.6 53.4

86 62.8 51.2 76.8





#31

Cyclohexane

Concen: 1.147 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

SB-14-7.5-8.0

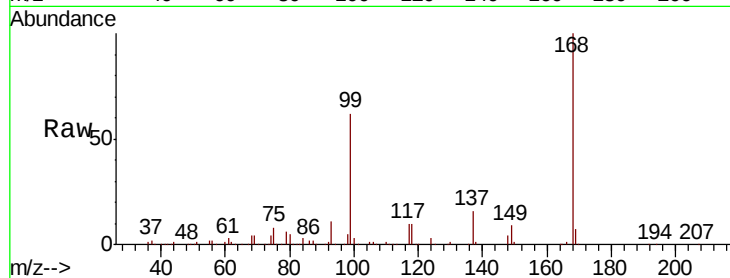
Tgt Ion: 56 Resp: 5578

Ion Ratio Lower Upper

56 100

69 185.1 24.9 37.3#

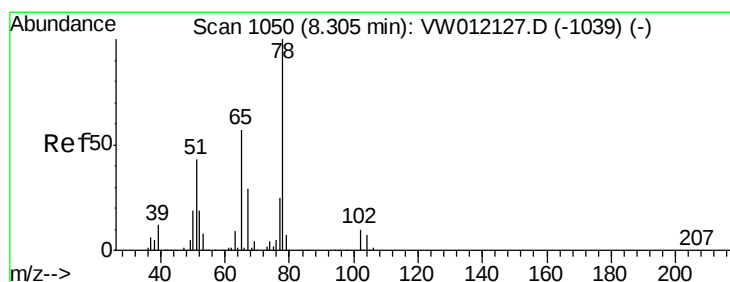
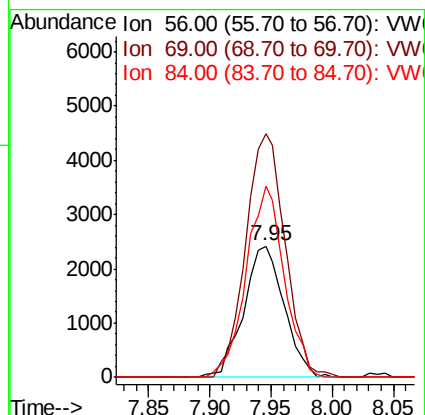
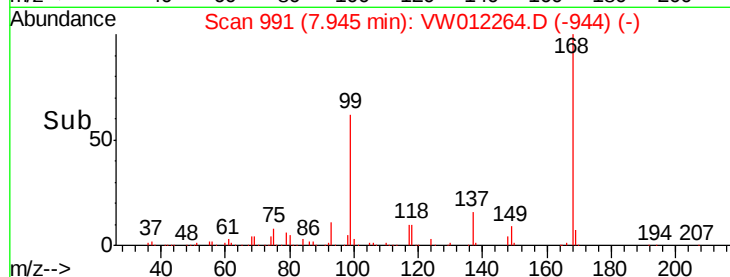
84 145.1 60.6 90.8#



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: 50.256 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012264.D

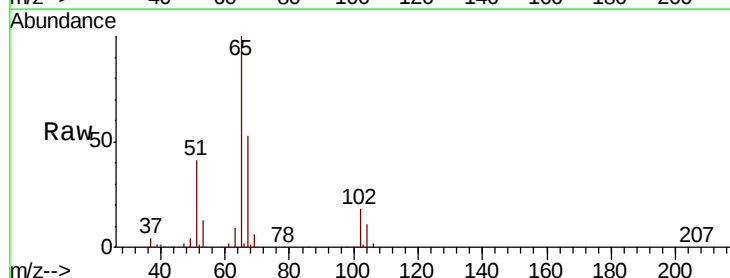
Acq: 28 Aug 2019 19:33

Tgt Ion: 65 Resp: 135732

Ion Ratio Lower Upper

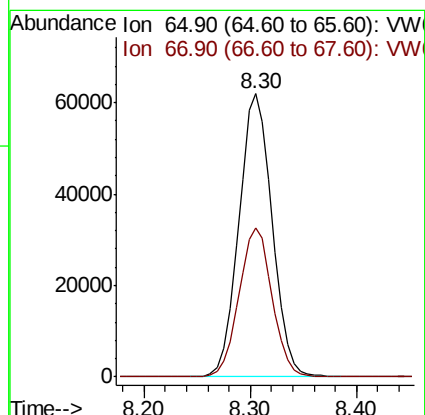
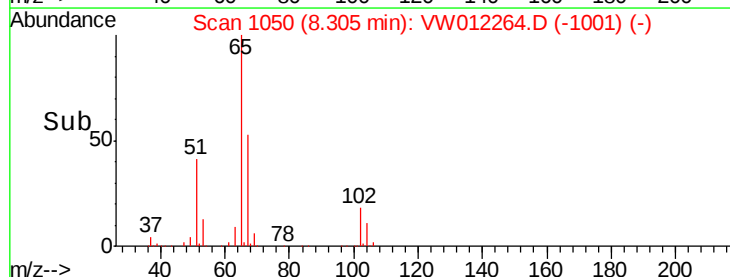
65 100

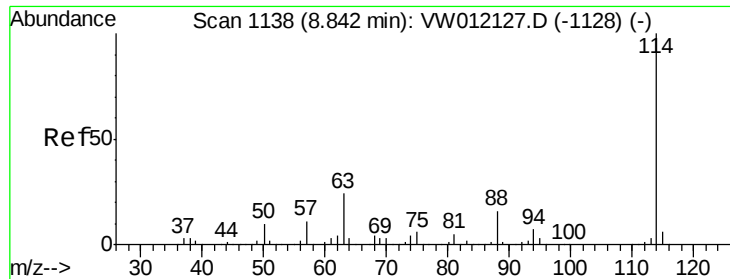
67 52.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

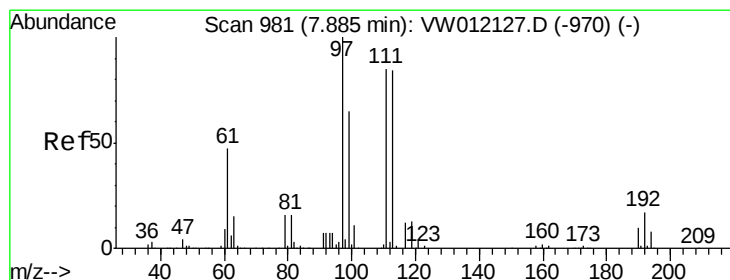
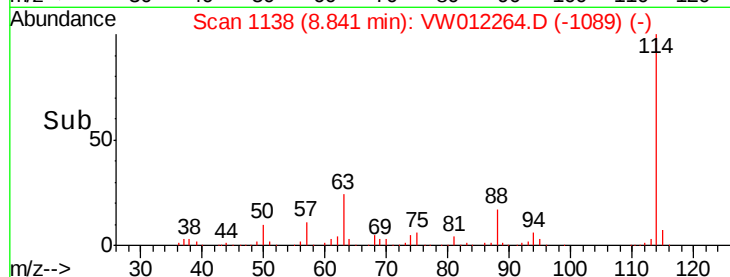
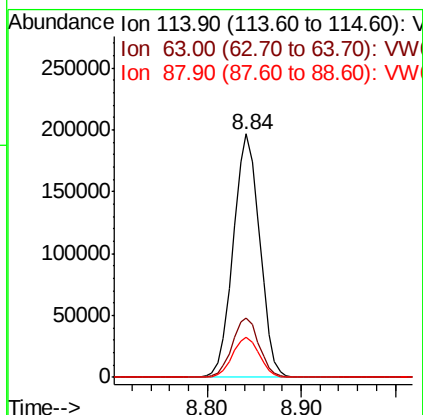
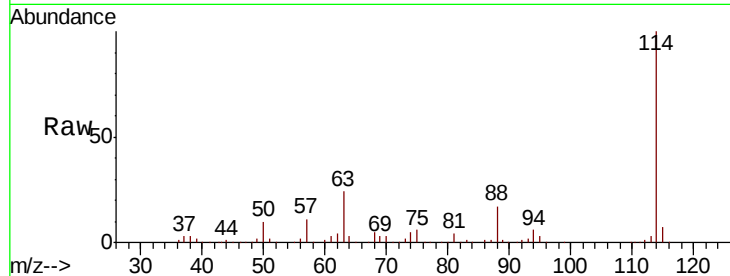




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012264.D
 Acq: 28 Aug 2019 19:33

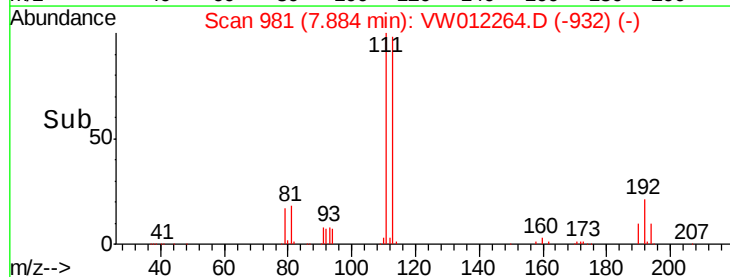
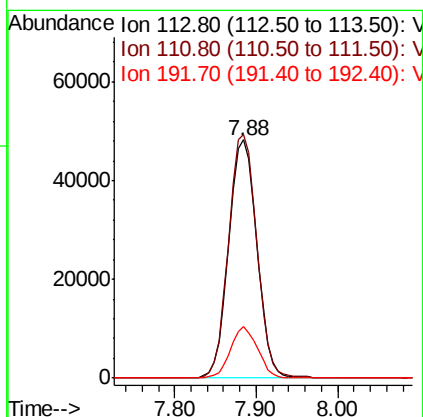
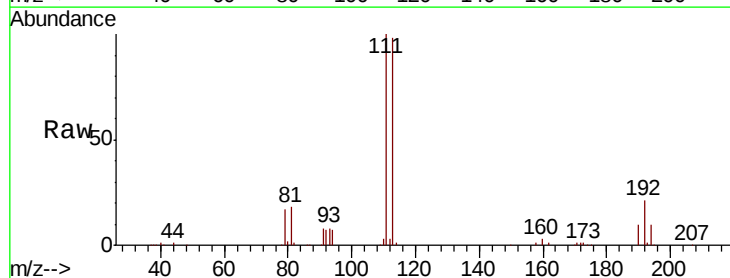
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-14-7.5-8.0

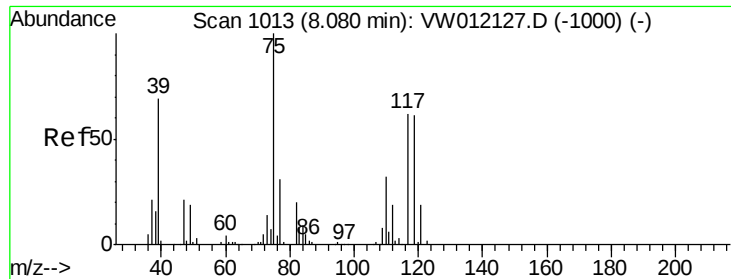
Tgt Ion:114 Resp: 384411
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.6
 88 16.7 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 50.107 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012264.D
 Acq: 28 Aug 2019 19:33

Tgt Ion:113 Resp: 114973
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.7 124.1
 192 20.6 16.2 24.2

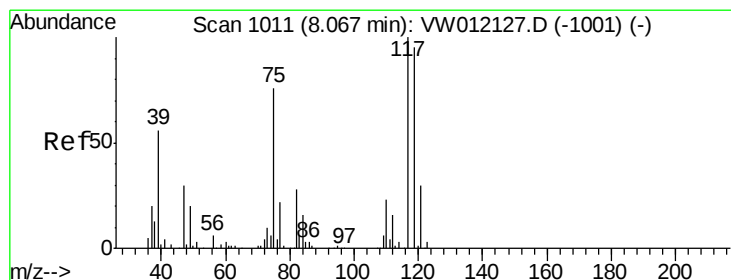
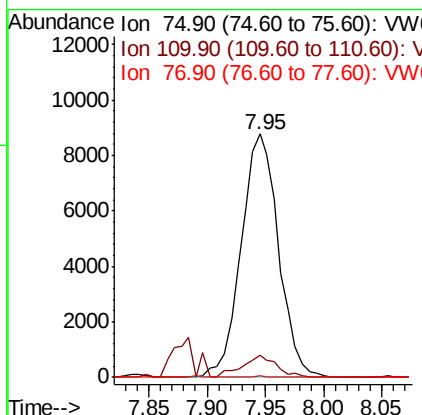
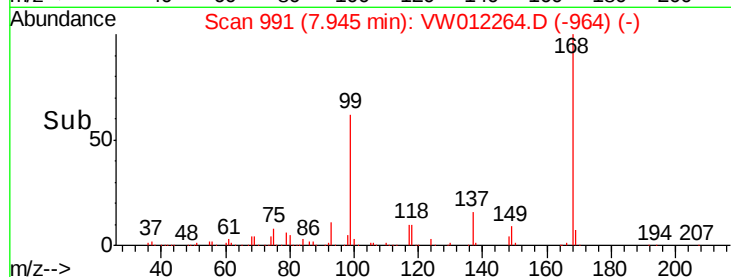
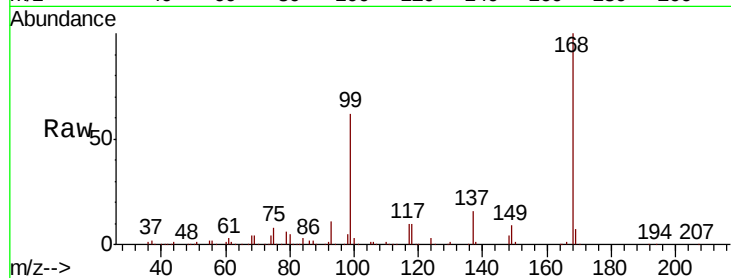




#36
 1,1-Dichloropropene
 Concen: 4.932 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012264.D
 Acq: 28 Aug 2019 19:33

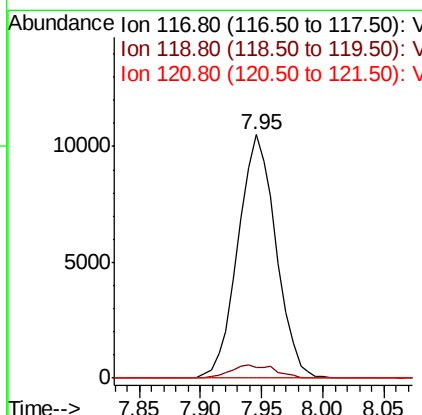
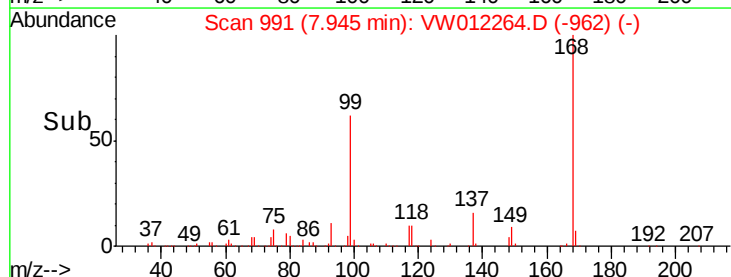
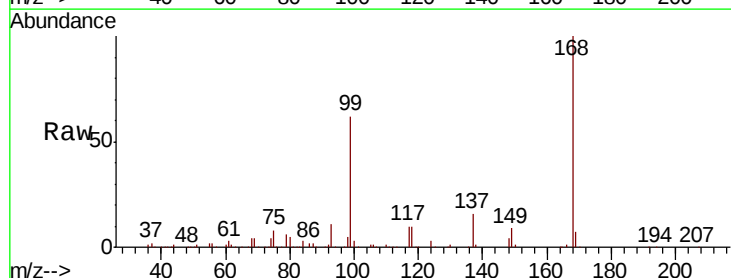
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-14-7.5-8.0

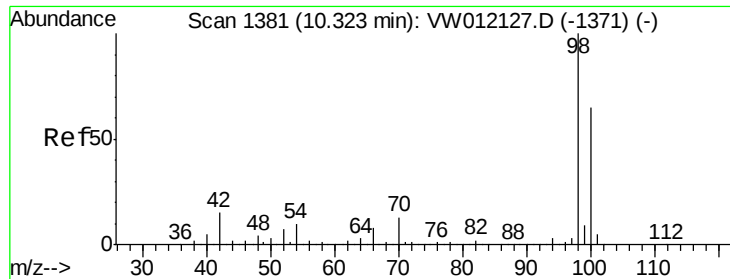
Tgt Ion: 75 Resp: 19591
 Ion Ratio Lower Upper
 75 100
 110 8.4 15.6 46.8#
 77 0.1 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.588 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012264.D
 Acq: 28 Aug 2019 19:33

Tgt Ion: 117 Resp: 22650
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.2 114.2#
 121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 50.331 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

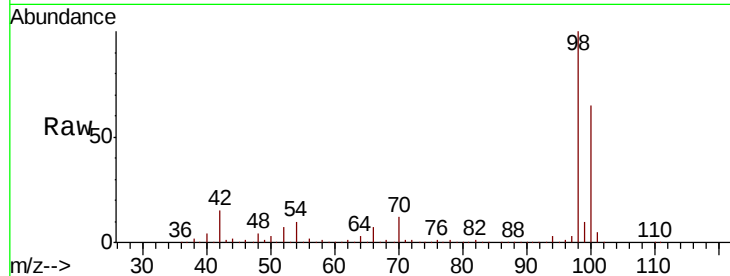
SB-14-7.5-8.0

Tgt Ion: 98 Resp: 468269

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

150000

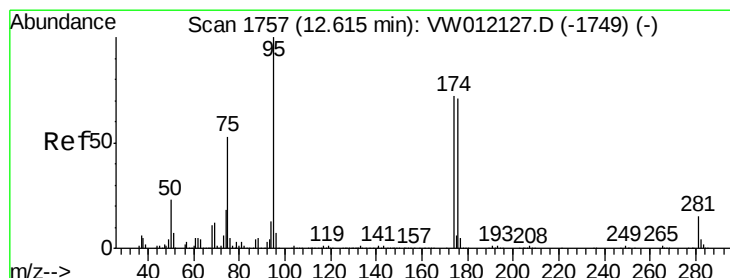
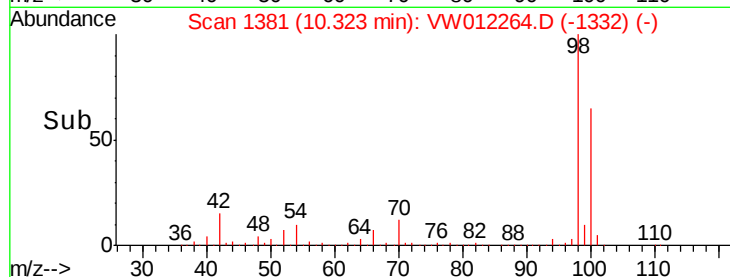
100000

50000

0

Time-->

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 46.159 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

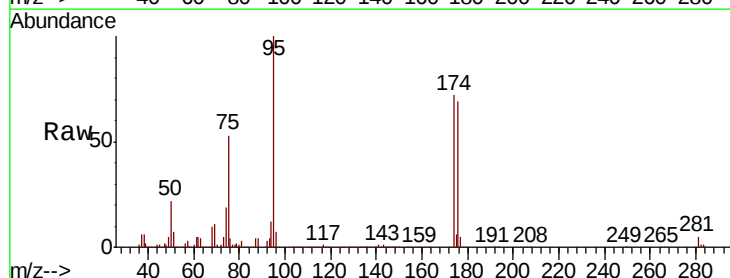
Tgt Ion: 95 Resp: 151382

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.8

176 73.2 0.0 148.6



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

12.62

120000

100000

80000

60000

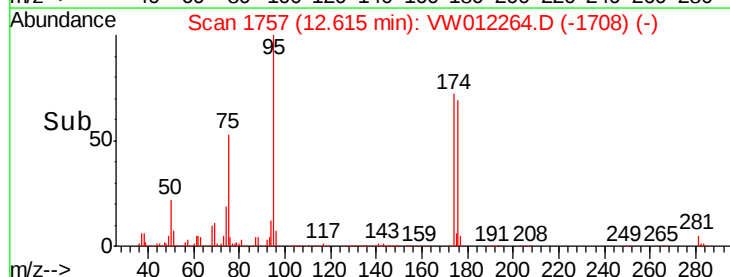
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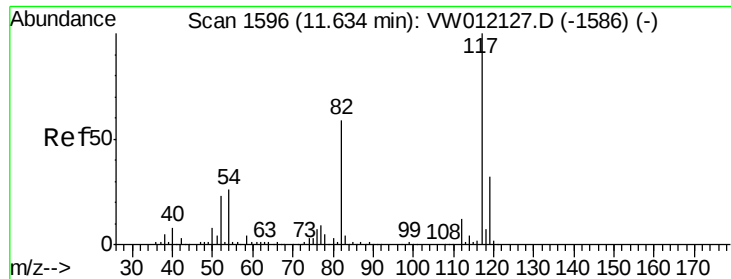
20000

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Time-->

12.60 12.70

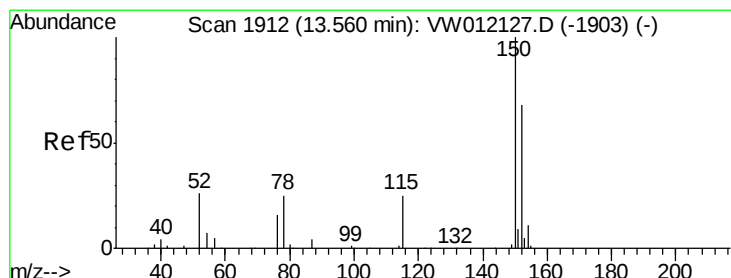
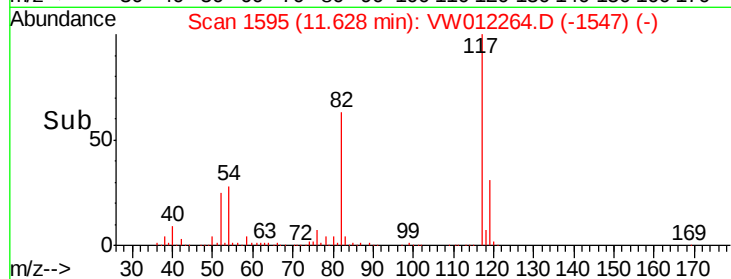
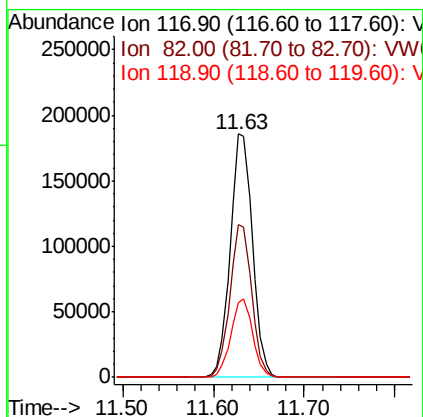
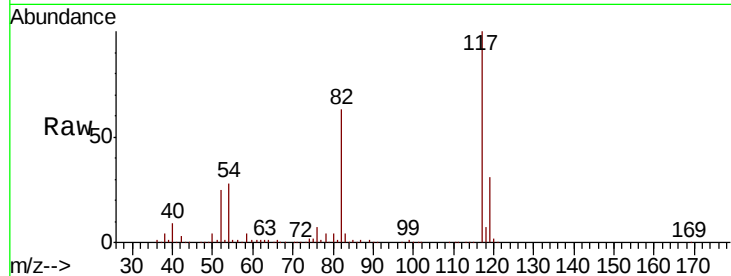




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012264.D
Acq: 28 Aug 2019 19:33

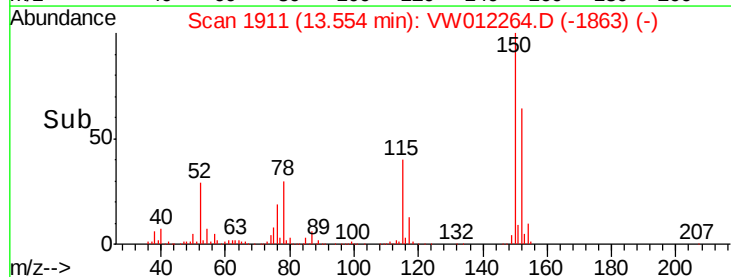
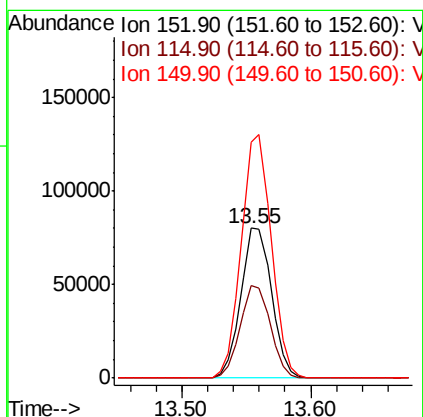
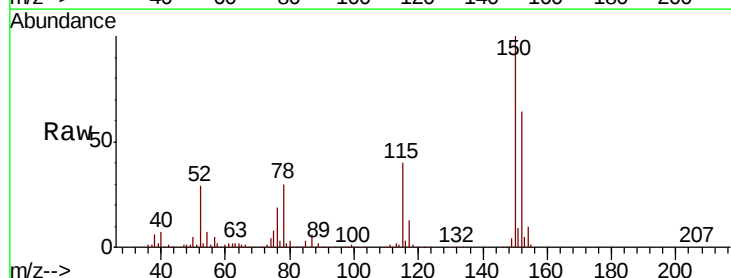
Instrument :
MSVOA_W
ClientSampleId :
SB-14-7.5-8.0

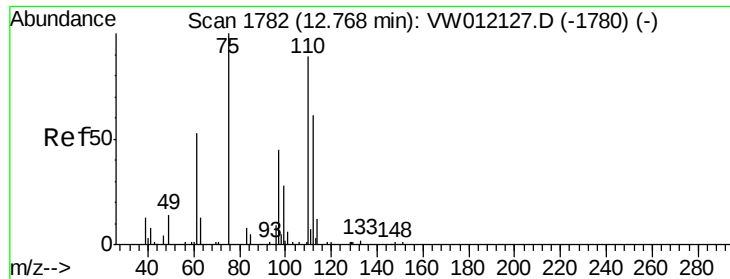
Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.9	47.4	71.2
119	30.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012264.D
Acq: 28 Aug 2019 19:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.1	90.3
150	158.2	0.0	345.8





#76

1,2,3-Trichloropropane

Concen: 62.178 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampled :

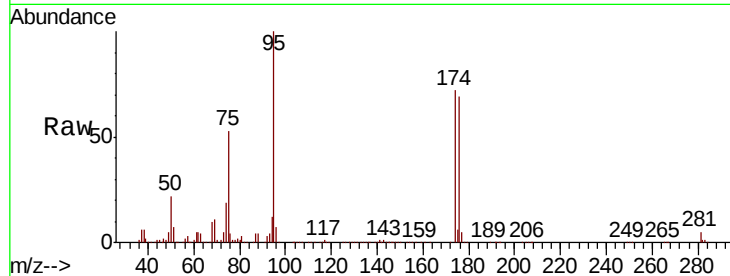
SB-14-7.5-8.0

Tgt Ion: 75 Resp: 80198

Ion Ratio Lower Upper

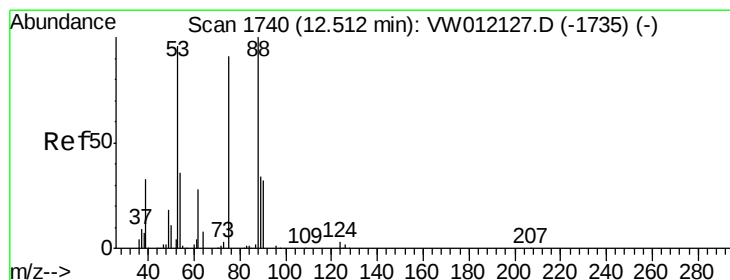
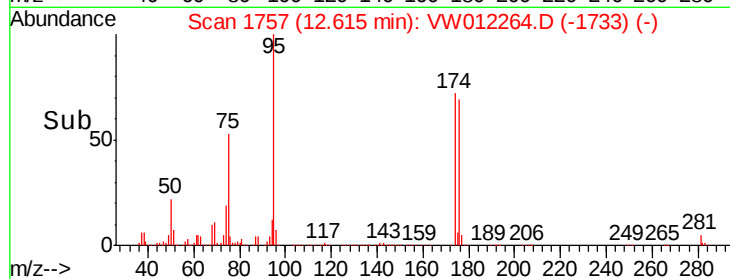
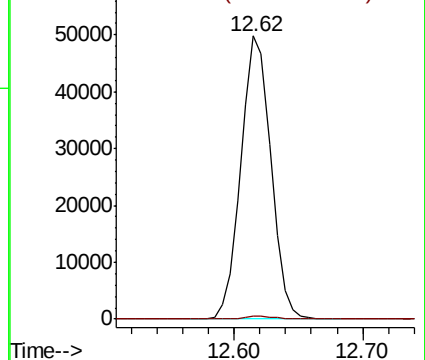
75 100

77 1.2 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: 136.329 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

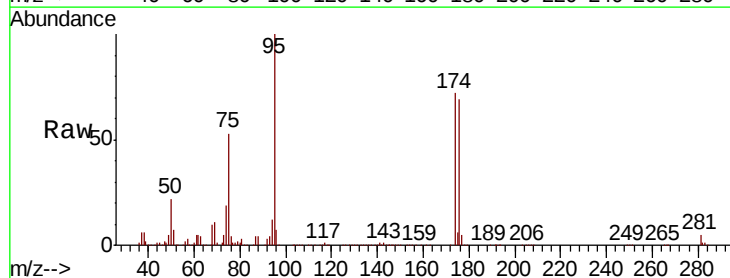
Tgt Ion: 75 Resp: 80198

Ion Ratio Lower Upper

75 100

53 0.1 89.4 134.0#

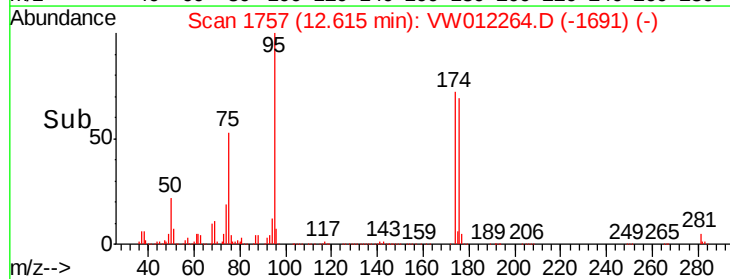
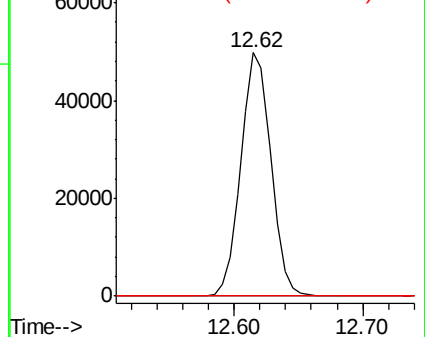
89 0.0 34.5 51.7#

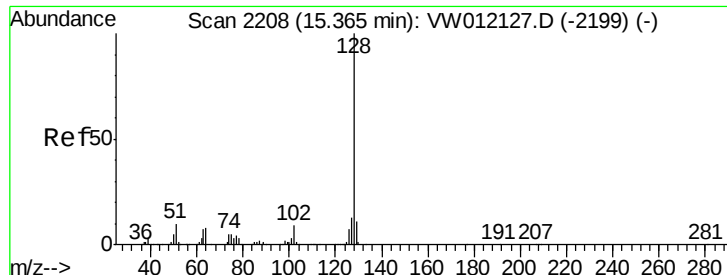


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 4.362 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

SB-14-7.5-8.0

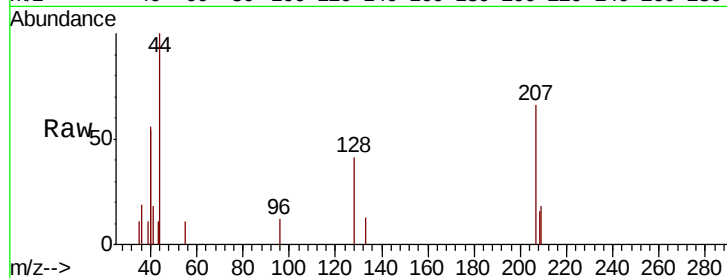
Tgt Ion:128 Resp: 223

Ion Ratio Lower Upper

128 100

127 8.5 10.7 16.1#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

