

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012346.D
 Acq On : 30 Aug 2019 12:26
 Operator : SY/VA
 Sample : K4620-01
 Misc : 6.26G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S500-K2-19.5-20.0-082919

Quant Time: Aug 30 16:48:40 2019
 Quant Method : Z:\V0ASRV\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	196761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118072	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	132799	56.78	ug/l	0.00
Spiked Amount			Recovery	=	113.56%	
35) Dibromofluoromethane	7.88	113	100668	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
50) Toluene-d8	10.32	98	397765	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.62	95	133029	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	

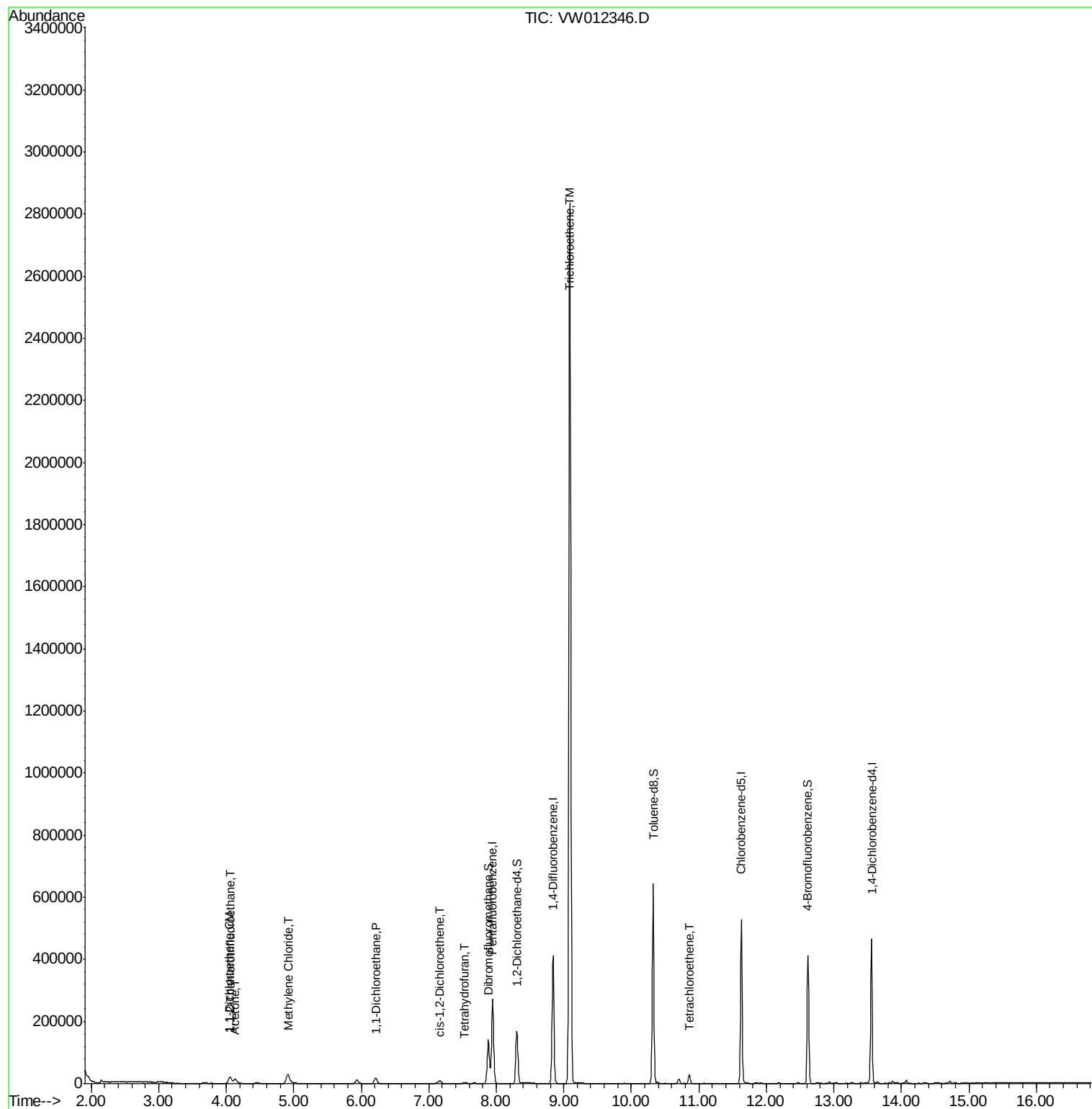
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11460	5.844	ug/l	96
12) 1,1-Dichloroethene	4.04	96	3859	1.955	ug/l	99
16) Acetone	4.14	43	26052	43.573	ug/l	100
20) Methylene Chloride	4.92	84	22815	10.094	ug/l	98
24) 1,1-Dichloroethane	6.21	63	23304	5.473	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	3334	1.474	ug/l	91
29) Tetrahydrofuran	7.53	42	2678	5.494	ug/l	93
44) Trichloroethene	9.09	130	956487	428.713	ug/l	97
64) Tetrachloroethene	10.86	164	6474	3.630	ug/l	94

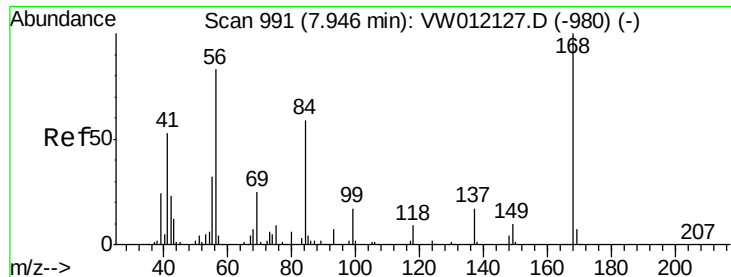
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012346.D

Acq: 30 Aug 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

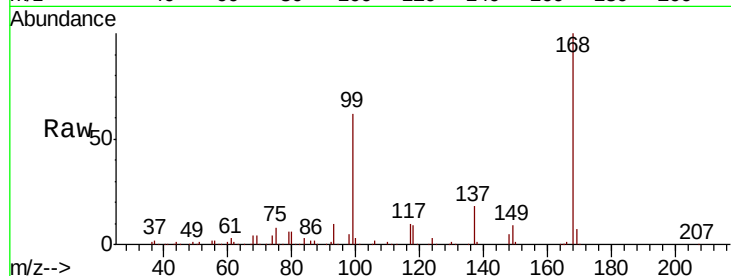
S500-K2-19.5-20.0-082919

Tot Ion:168 Resp: 196761

Ion Ratio Lower Upper

168 100

99 61.7 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

100000

80000

60000

40000

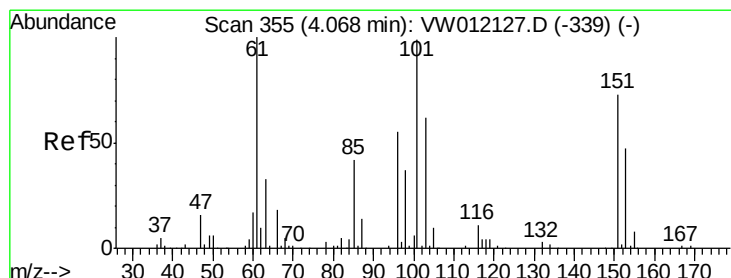
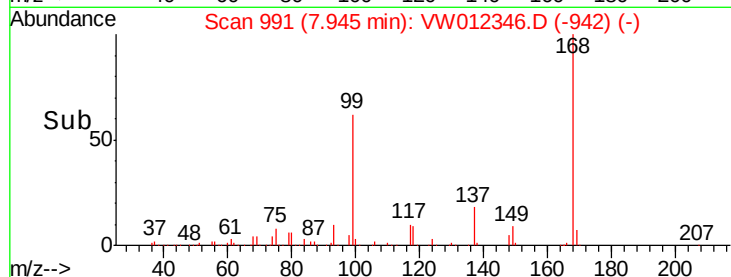
20000

0

7.90

8.00

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.844 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012346.D

Acq: 30 Aug 2019 12:26

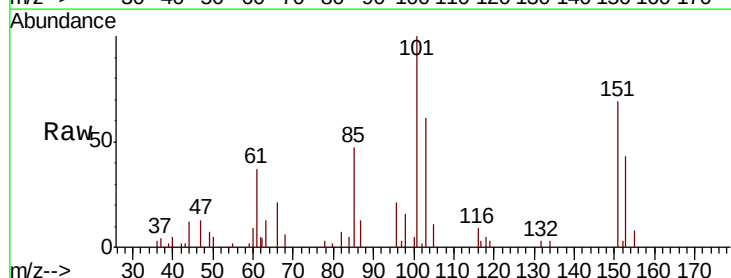
Tgt Ion:101 Resp: 11460

Ion Ratio Lower Upper

101 100

85 46.6 35.8 53.6

151 77.1 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V

4.06

4000

3000

2000

1000

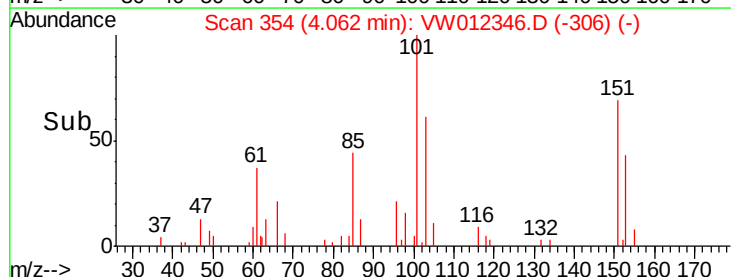
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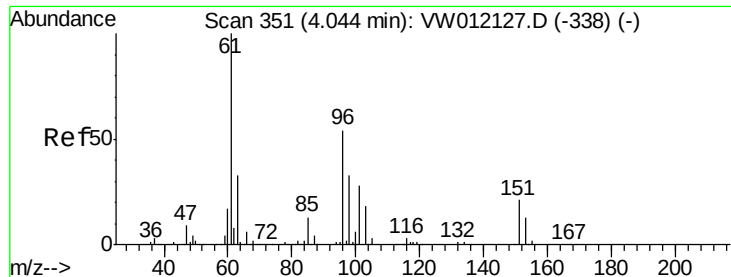
4.00

4.10

4.20

Time-->

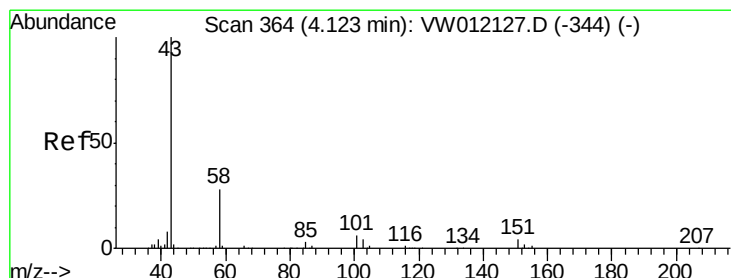
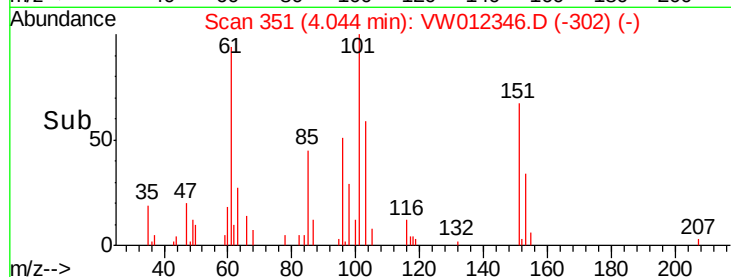
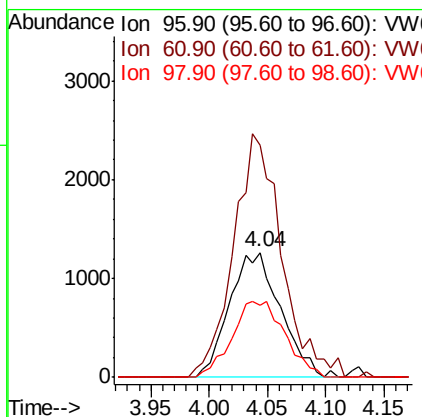
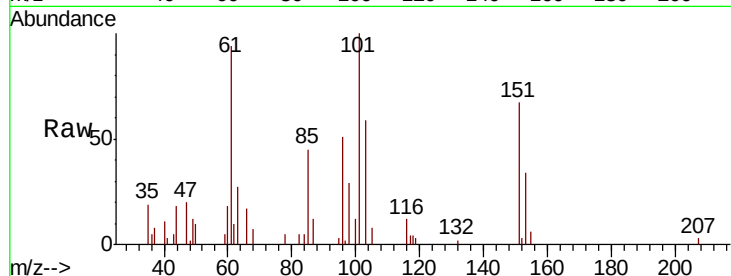




#12
 1,1-Dichloroethene
 Concen: 1.955 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW012346.D
 Acq: 30 Aug 2019 12:26

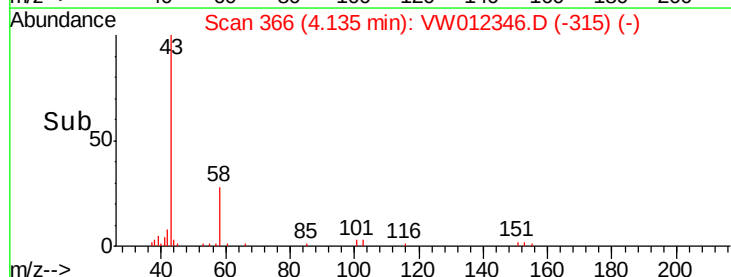
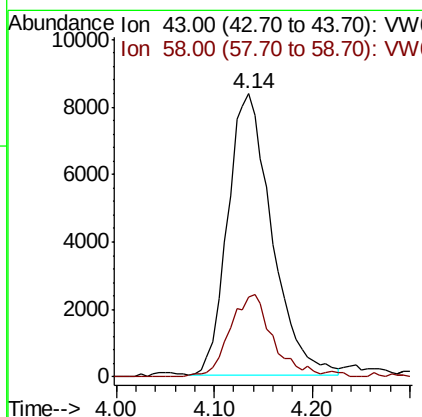
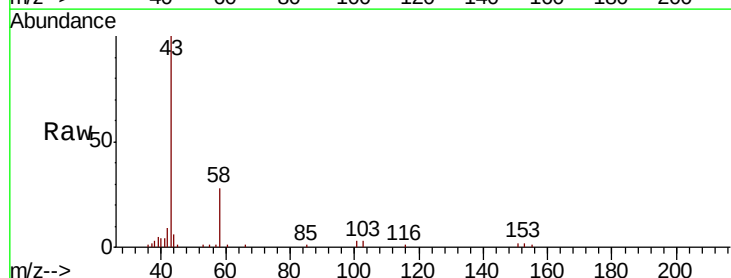
Instrument :
 MSVOA_W
 ClientSampleId :
 S500-K2-19.5-20.0-082919

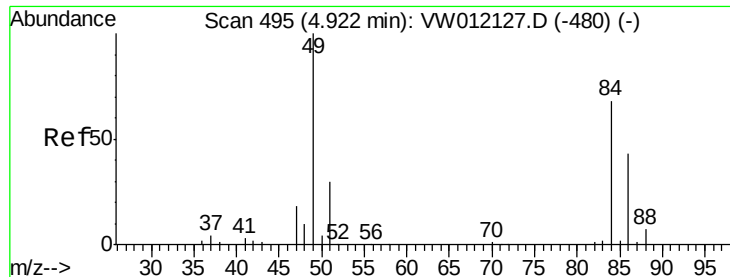
Tot Ion	Ratio	Lower	Upper
96	100		
61	186.0	149.1	223.7
98	57.9	49.4	74.2



#16
 Acetone
 Concen: 43.573 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW012346.D
 Acq: 30 Aug 2019 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.4	33.6

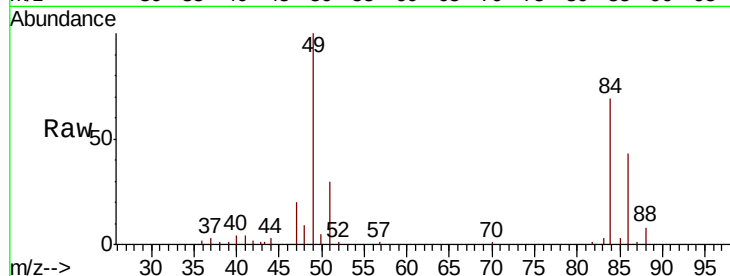




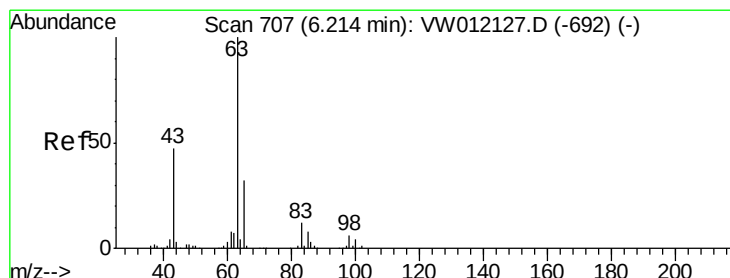
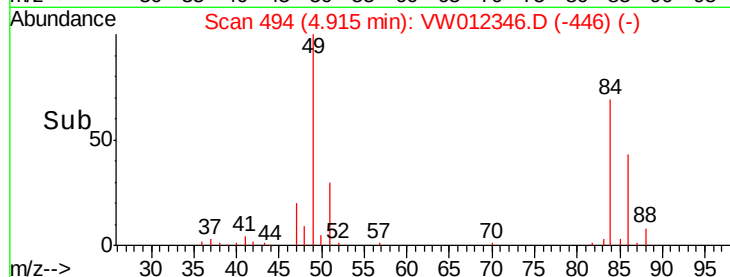
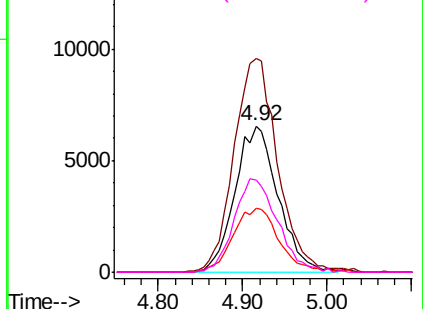
#20
Methvlene Chloride
Concen: 10.094 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012346.D
Acq: 30 Aug 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
S500-K2-19.5-20.0-082919

Tot Ion:	84	Resp:	22815
Ion	Ratio	Lower	Upper
84	100		
49	144.8	117.8	176.8
51	43.9	35.6	53.4
86	62.8	51.2	76.8

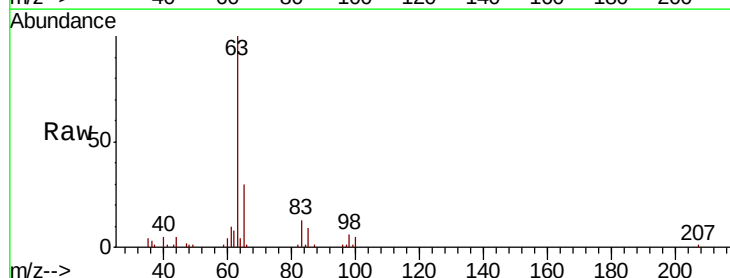


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

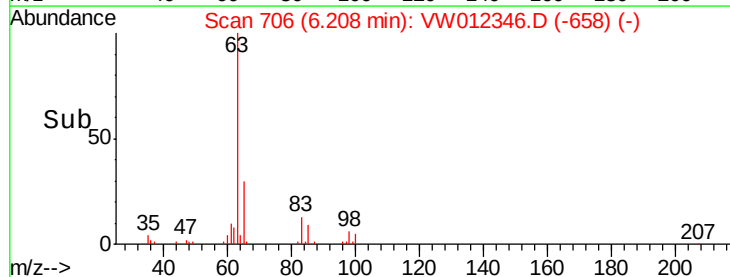
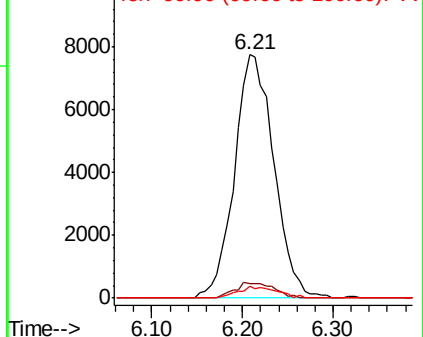


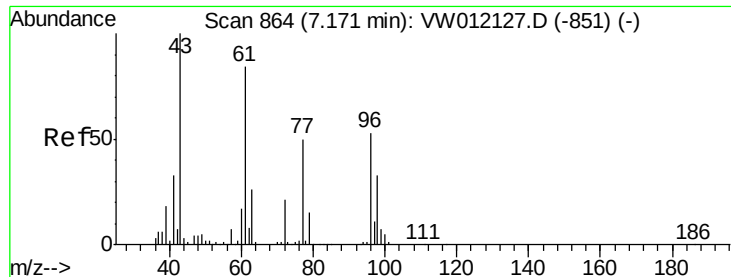
#24
1,1-Dichloroethane
Concen: 5.473 ug/l
RT: 6.21 min Scan# 706
Delta R.T. -0.01 min
Lab File: VW012346.D
Acq: 30 Aug 2019 12:26

Tgt Ion:	63	Resp:	23304
Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.0	9.2
100	4.7	2.0	6.0



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



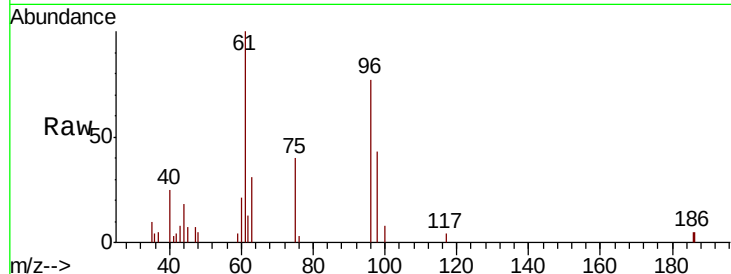


#27

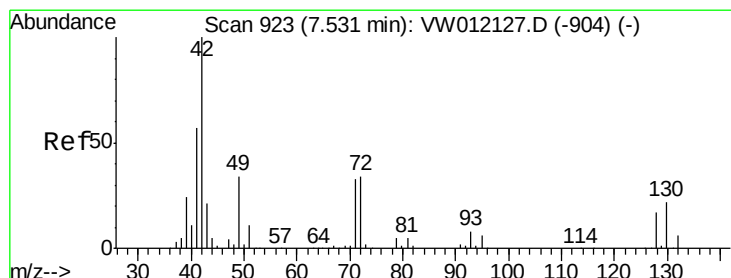
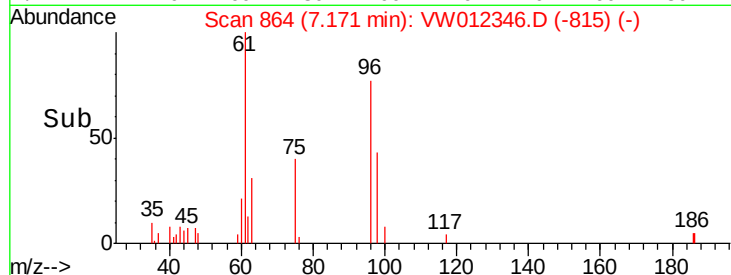
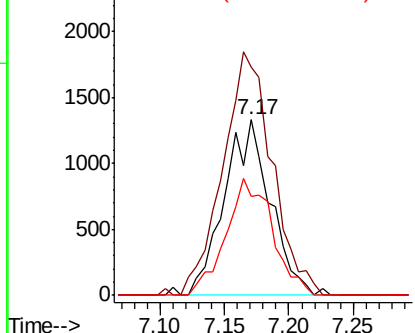
cis-1,2-Dichloroethene
 Concen: 1.474 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW012346.D
 Acq: 30 Aug 2019 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 S500-K2-19.5-20.0-082919

Tot Ion: 96 Resp: 3334
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 326.6
 98 66.4 0.0 127.4



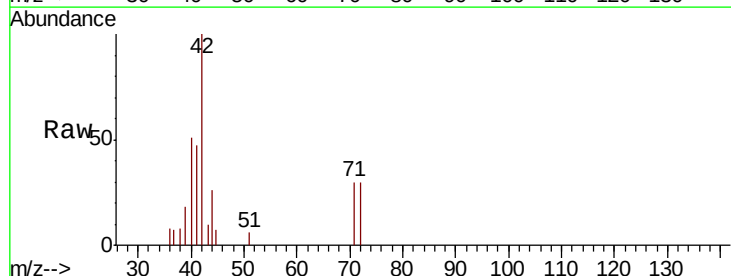
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



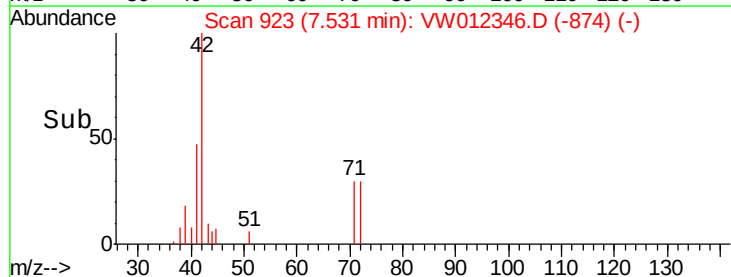
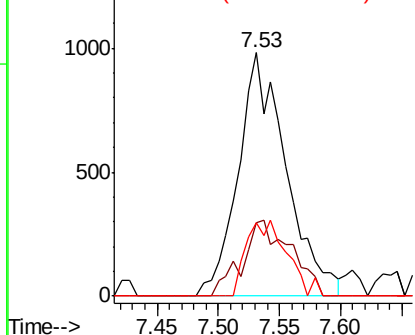
#29

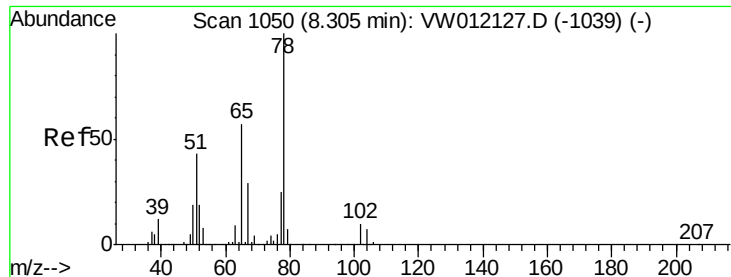
Tetrahydrofuran
 Concen: 5.494 ug/l
 RT: 7.53 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VW012346.D
 Acq: 30 Aug 2019 12:26

Tgt Ion: 42 Resp: 2678
 Ion Ratio Lower Upper
 42 100
 72 31.6 27.3 40.9
 71 26.4 25.5 38.3



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

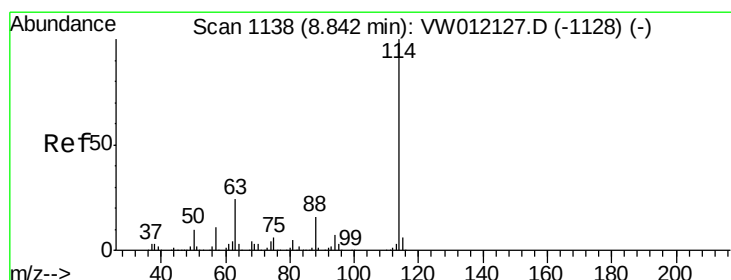
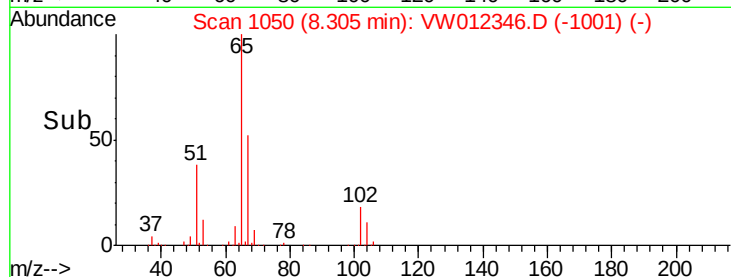
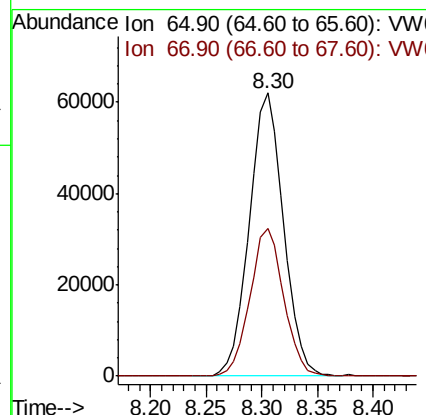
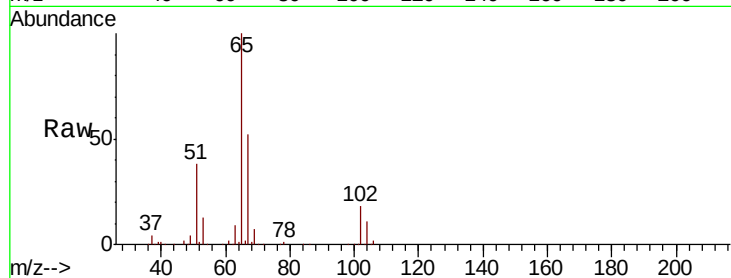




#33
 1,2-Dichloroethane-d4
 Concen: 56.776 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012346.D
 Acq: 30 Aug 2019 12:26

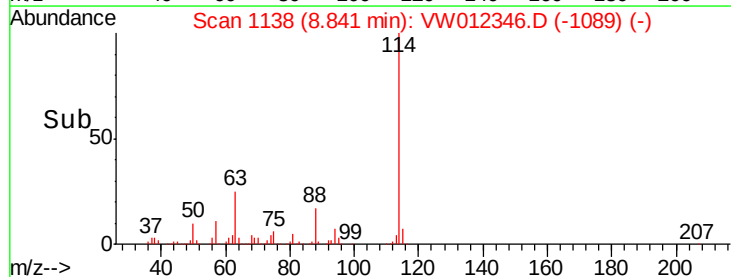
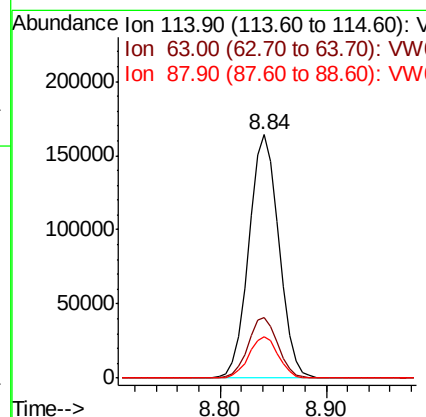
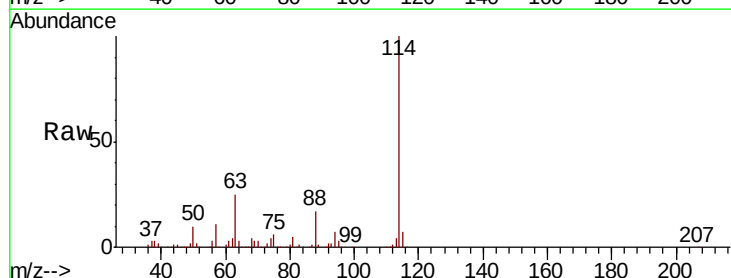
Instrument :
 MSVOA_W
 ClientSampleId :
 S500-K2-19.5-20.0-082919

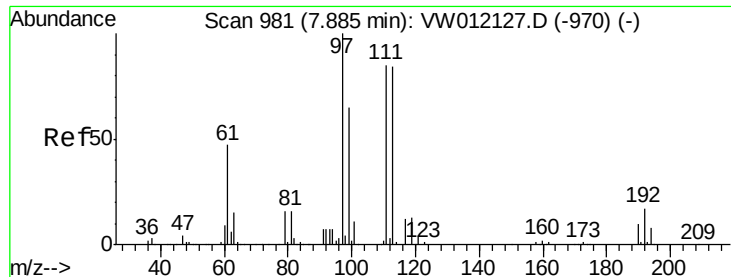
Tot Ion: 65 Resp: 132799
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012346.D
 Acq: 30 Aug 2019 12:26

Tgt Ion: 114 Resp: 325251
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.6
 88 17.2 0.0 32.2

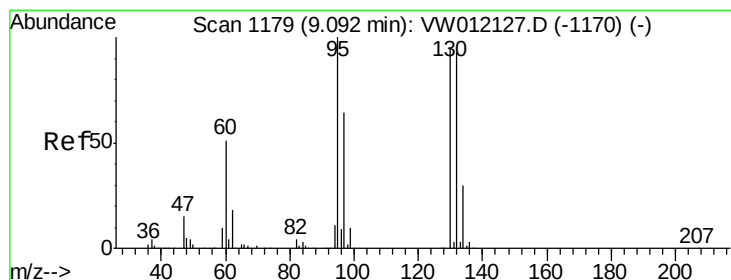
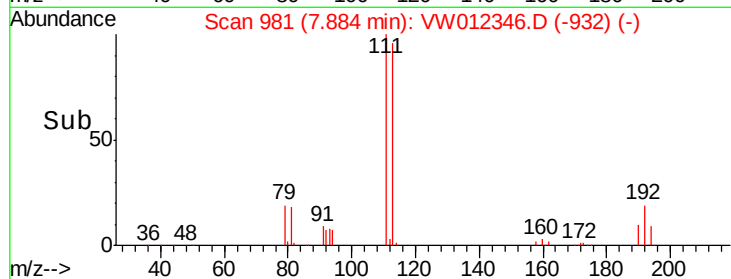
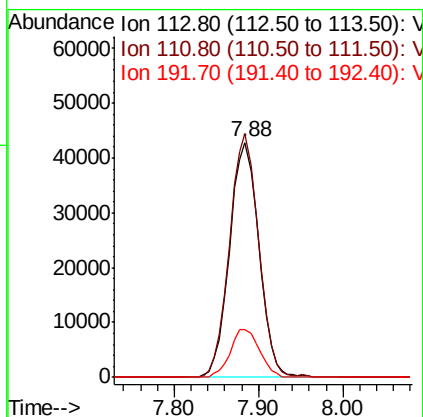
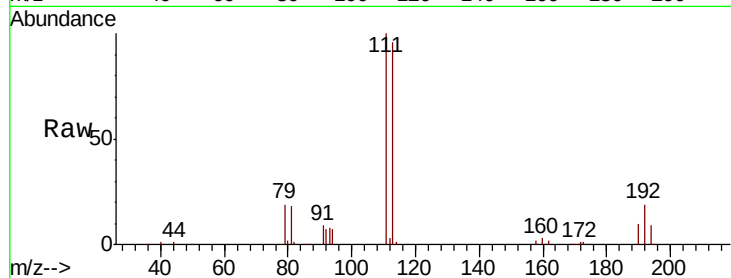




#35
 Dibromofluoromethane
 Concen: 51.852 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012346.D
 Acq: 30 Aug 2019 12:26

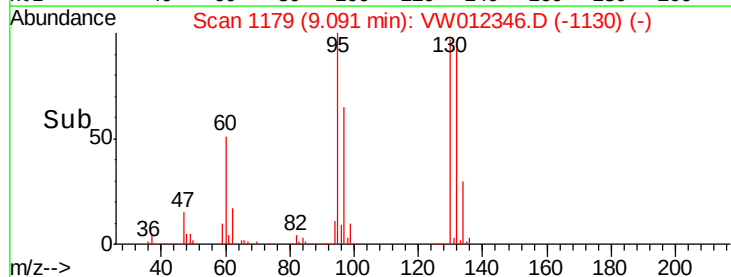
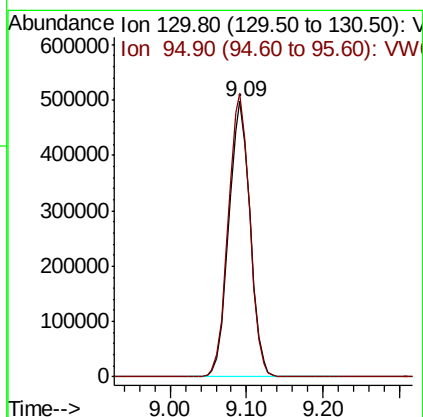
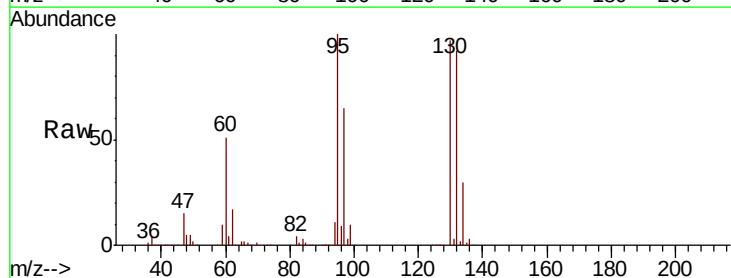
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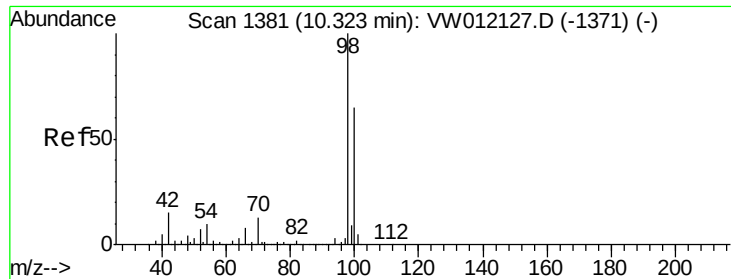
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	20.3	16.2	24.2



#44
 Trichloroethene
 Concen: 428.713 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW012346.D
 Acq: 30 Aug 2019 12:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	210.6





#50

Toluene-d8

Concen: 50.529 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012346.D

Acq: 30 Aug 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

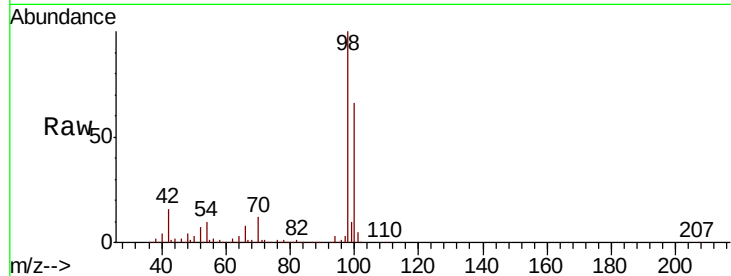
S500-K2-19.5-20.0-082919

Tot Ion: 98 Resp: 397765

Ion Ratio Lower Upper

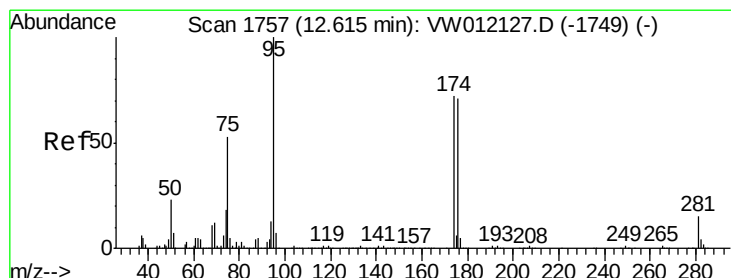
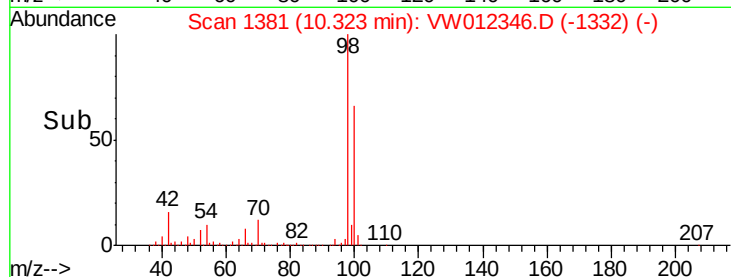
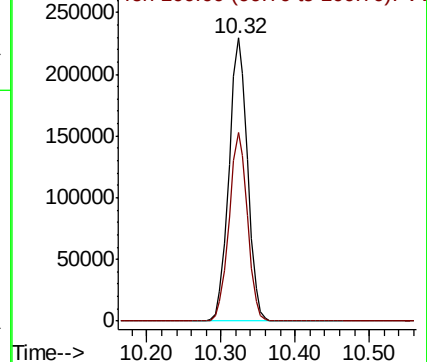
98 100

100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.941 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012346.D

Acq: 30 Aug 2019 12:26

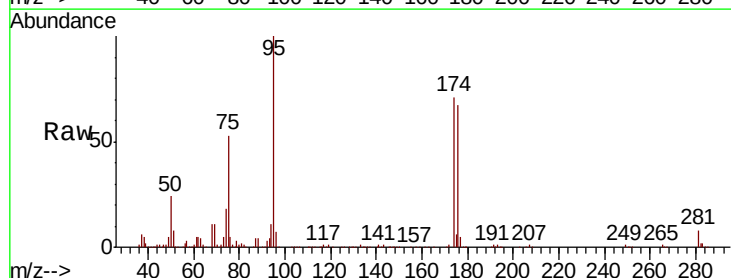
Tgt Ion: 95 Resp: 133029

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.8

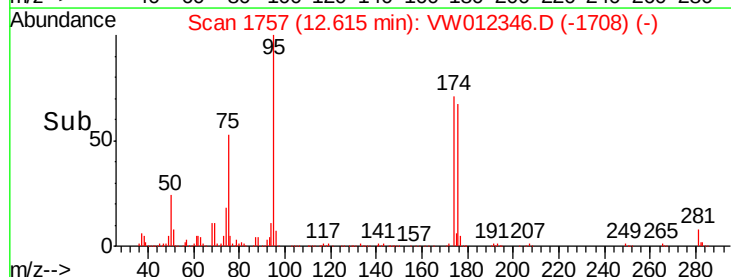
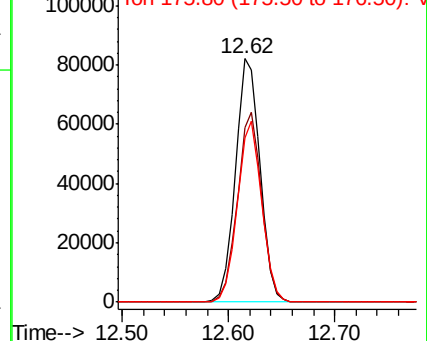
176 73.5 0.0 148.6

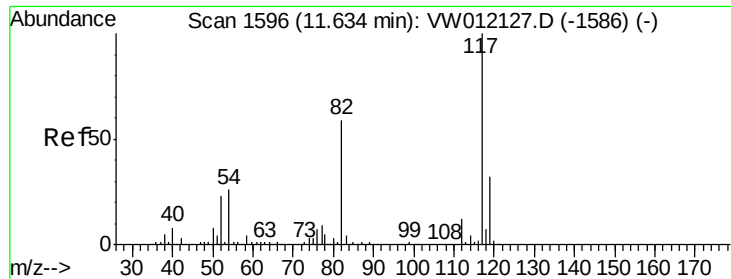


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

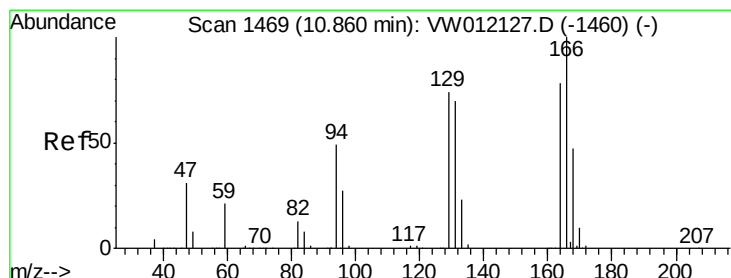
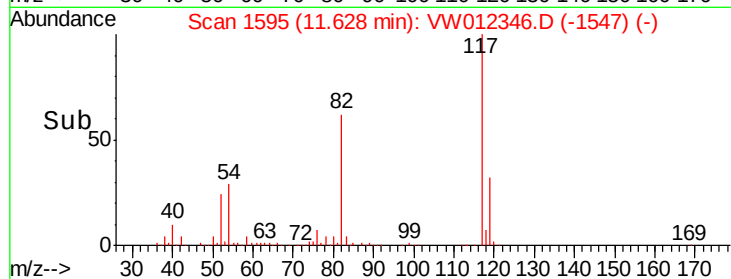
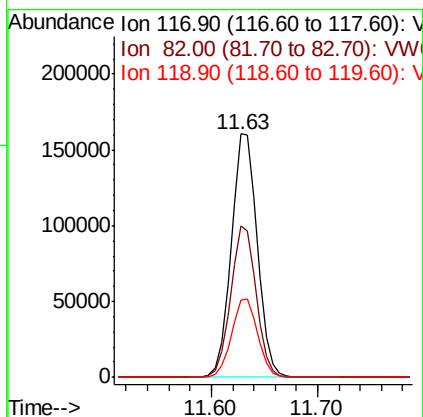
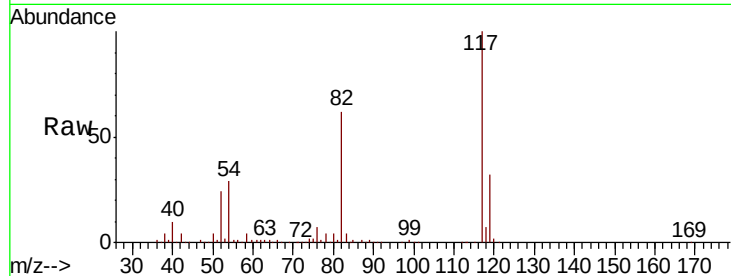




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012346.D
Acq: 30 Aug 2019 12:26

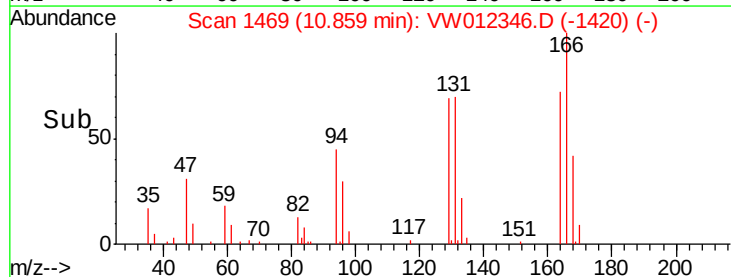
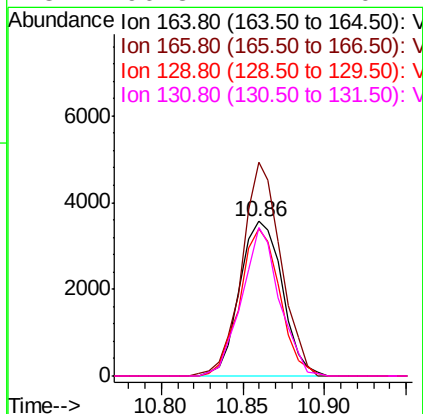
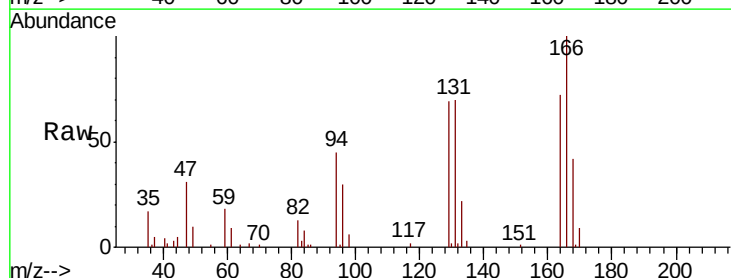
Instrument :
MSVOA_W
ClientSampleId :
S500-K2-19.5-20.0-082919

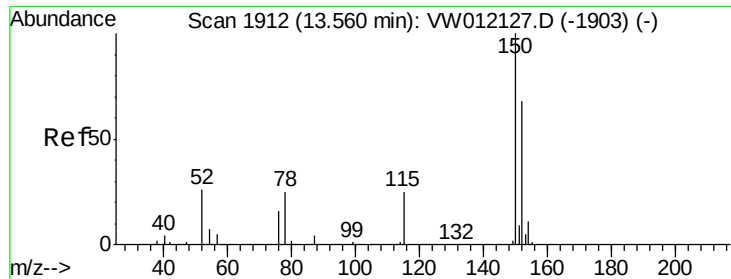
Tot Ion:117 Resp: 275113
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 3.630 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012346.D
Acq: 30 Aug 2019 12:26

Tgt Ion:164 Resp: 6474
Ion Ratio Lower Upper
164 100
166 138.4 102.4 153.6
129 95.3 75.8 113.6
131 96.3 71.4 107.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012346.D

Acq: 30 Aug 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

S500-K2-19.5-20.0-082919

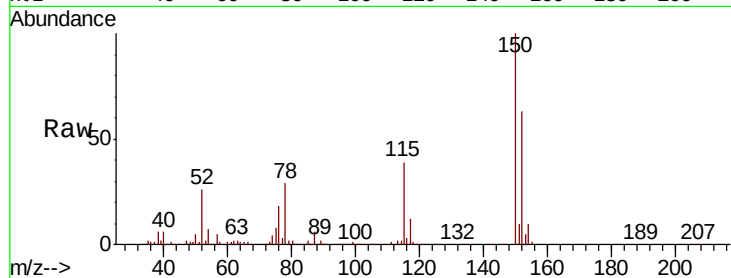
Tot Ion:152 Resp: 118072

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.3

150 157.6 0.0 345.8



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

