

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012300.D
 Acq On : 29 Aug 2019 13:54
 Operator : SY/VA
 Sample : K4595-01
 Misc : 6.39G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S502-K2-9.5-10.0-082819

Quant Time: Aug 30 07:24:05 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	234145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136755	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	143322	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
35) Dibromofluoromethane	7.88	113	116432	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
50) Toluene-d8	10.32	98	471132	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.61	95	154902	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	

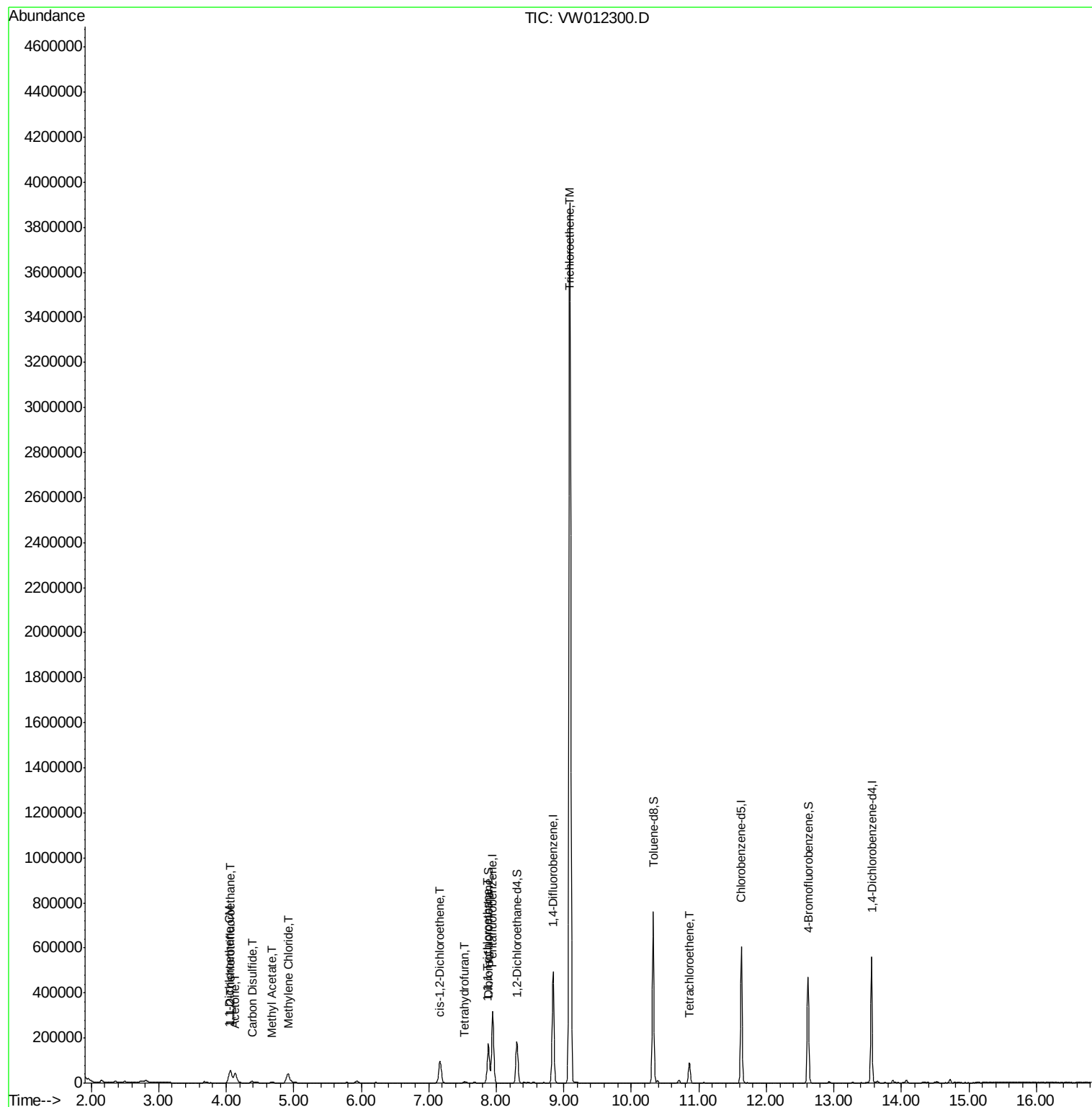
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	4.07	101	40978	17.561	ug/l	100
12) 1,1-Dichloroethene	4.04	96	3608	1.536	ug/l	97
16) Acetone	4.13	43	75372	105.934	ug/l	99
17) Carbon Disulfide	4.38	76	14194	2.000	ug/l	98
18) Methyl Acetate	4.68	43	8513	4.831	ug/l	99
20) Methylene Chloride	4.92	84	31378	11.666	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	52266	19.424	ug/l	90
29) Tetrahydrofuran	7.54	42	5535	9.542	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	8561	2.334	ug/l	97
44) Trichloroethene	9.09	130	1341913	502.489	ug/l	96
64) Tetrachloroethene	10.86	164	20860	9.907	ug/l	97

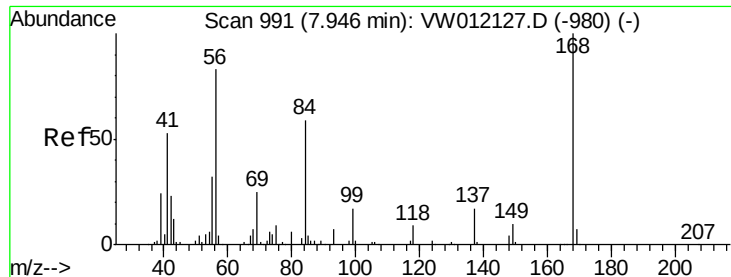
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082919\
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S502-K2-9.5-10.0-082819

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012300.D

Acq: 29 Aug 2019 13:54

Instrument :

MSVOA_W

ClientSampleId :

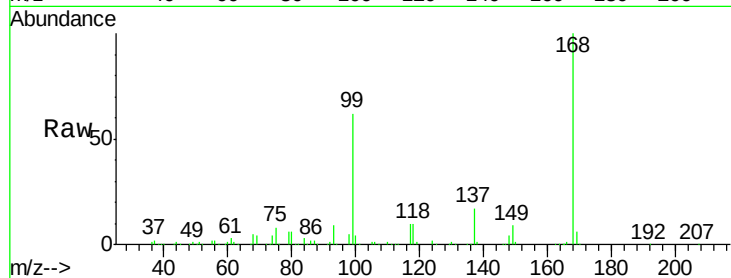
S502-K2-9.5-10.0-082819

Tot Ion:168 Resp: 234145

Ion Ratio Lower Upper

168 100

99 62.0 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

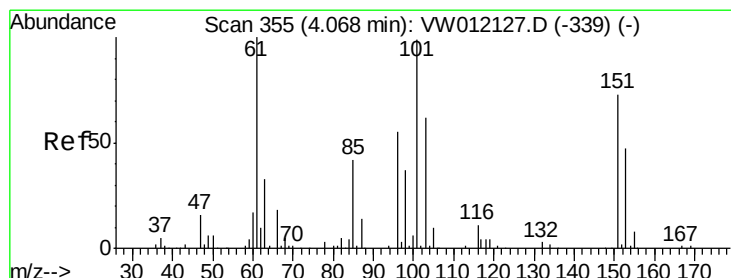
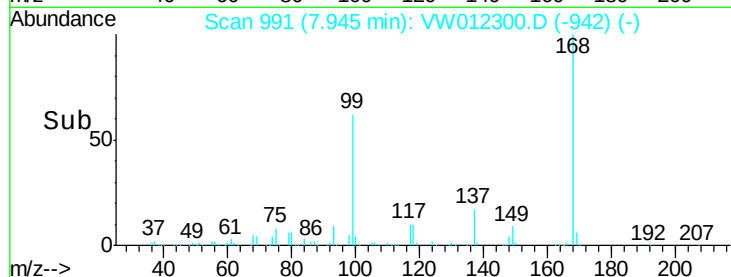
20000

0

7.90

8.00

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.561 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW012300.D

Acq: 29 Aug 2019 13:54

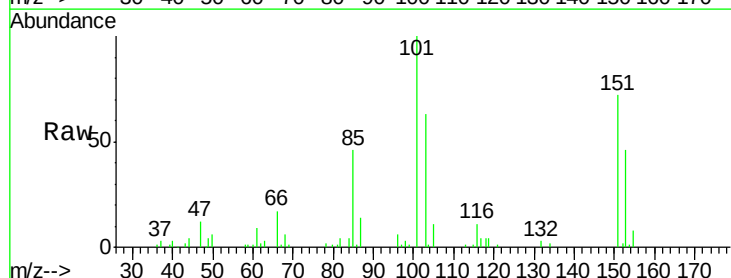
Tgt Ion:101 Resp: 40978

Ion Ratio Lower Upper

101 100

85 44.8 35.8 53.6

151 73.7 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

4.07

10000

5000

0

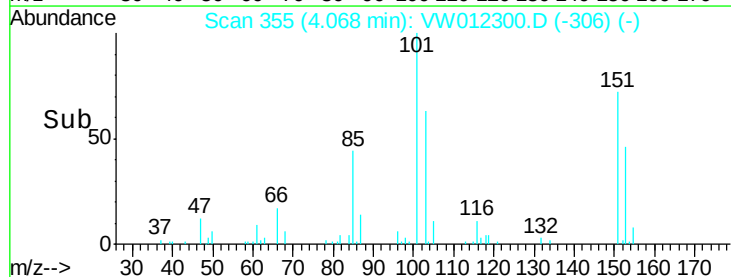
3.90

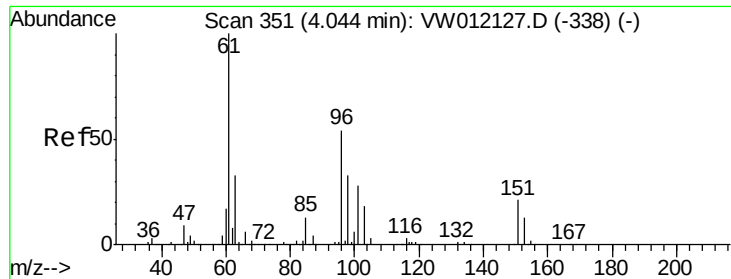
4.00

4.10

4.20

Time-->





#12

1,1-Dichloroethene

Concen: 1.536 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW012300.D

Acq: 29 Aug 2019 13:54

Instrument :

MSVOA_W

ClientSampleId :

S502-K2-9.5-10.0-082819

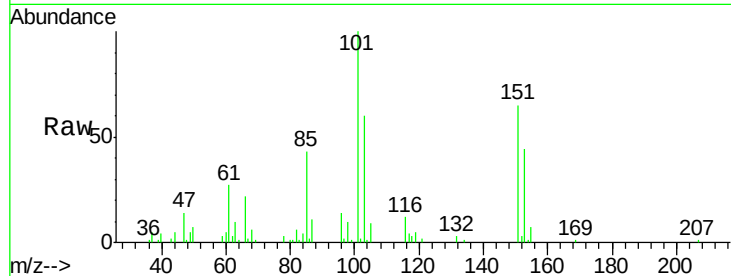
Tot Ion: 96 Resp: 3608

Ion Ratio Lower Upper

96 100

61 187.0 149.1 223.7

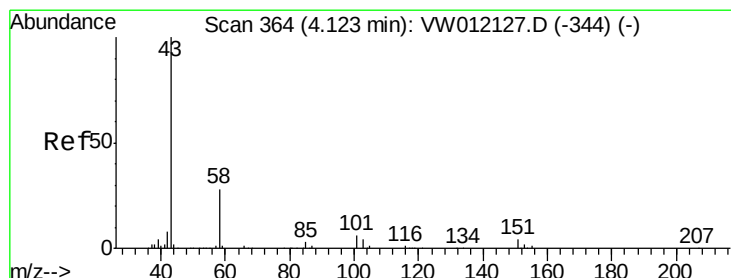
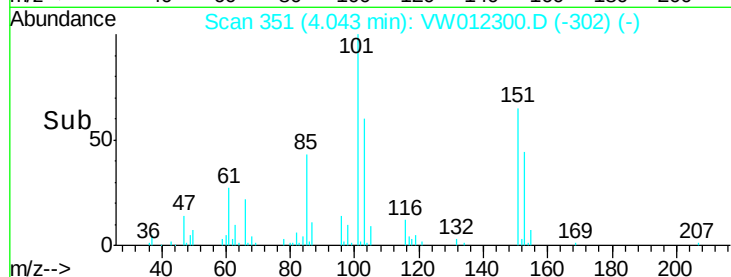
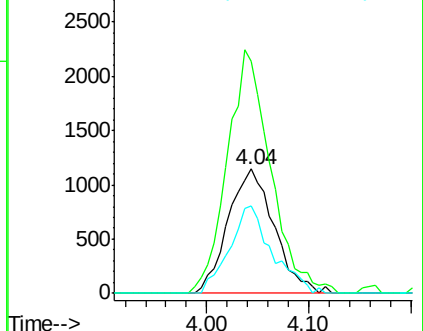
98 70.5 49.4 74.2



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



#16

Acetone

Concen: 105.934 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012300.D

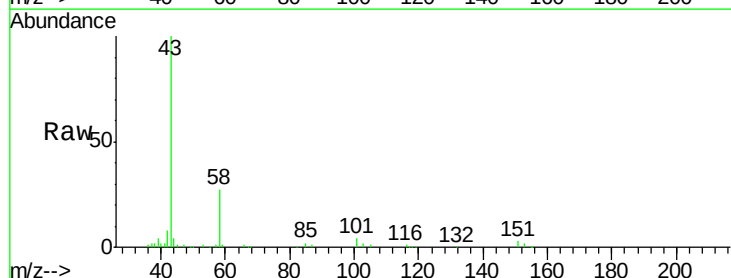
Acq: 29 Aug 2019 13:54

Tgt Ion: 43 Resp: 75372

Ion Ratio Lower Upper

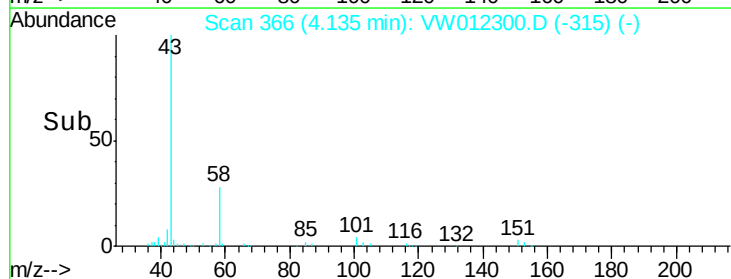
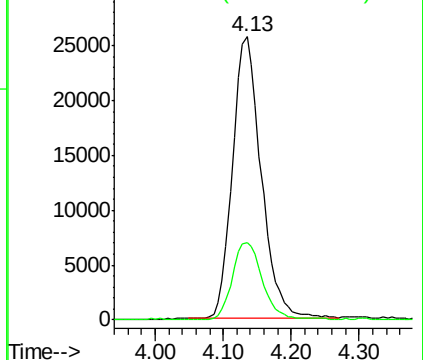
43 100

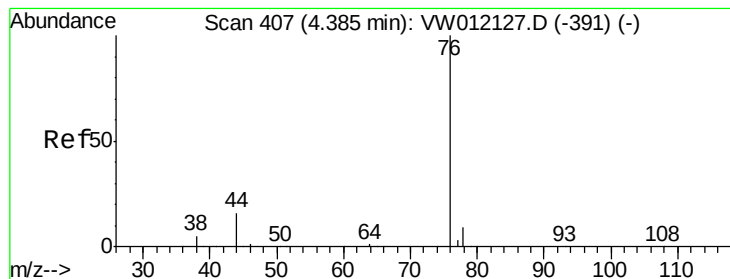
58 27.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 2.000 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW012300.D

Acq: 29 Aug 2019 13:54

Instrument :

MSVOA_W

ClientSampleId :

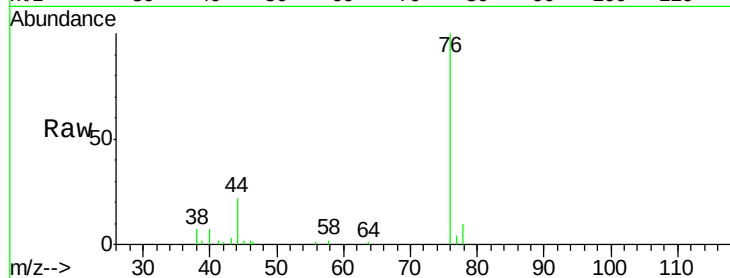
S502-K2-9.5-10.0-082819

Tot Ion: 76 Resp: 14194

Ion Ratio Lower Upper

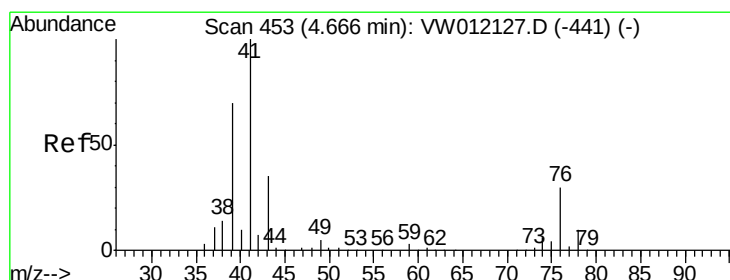
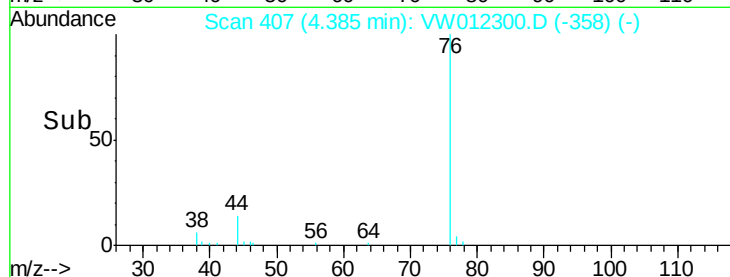
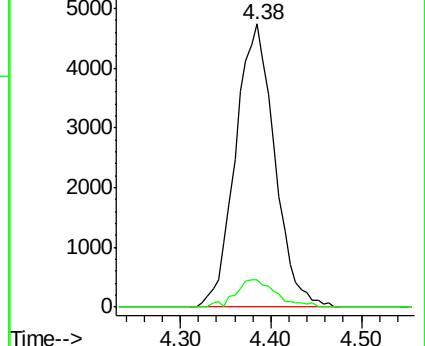
76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 4.831 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW012300.D

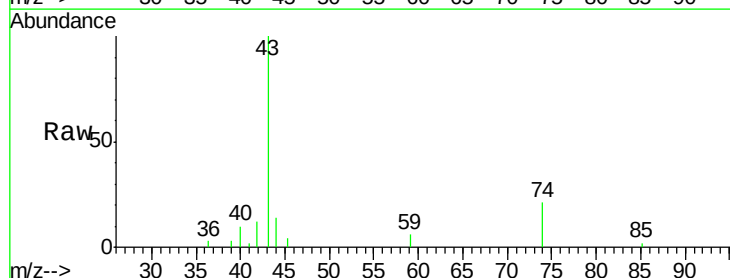
Acq: 29 Aug 2019 13:54

Tgt Ion: 43 Resp: 8513

Ion Ratio Lower Upper

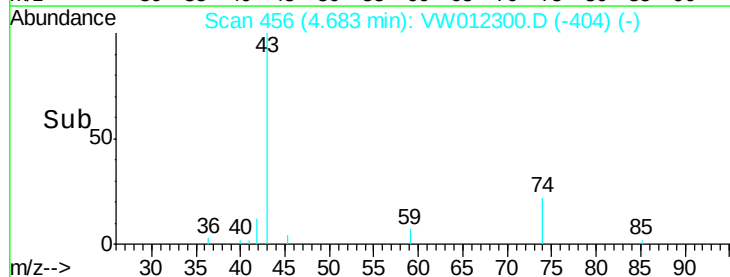
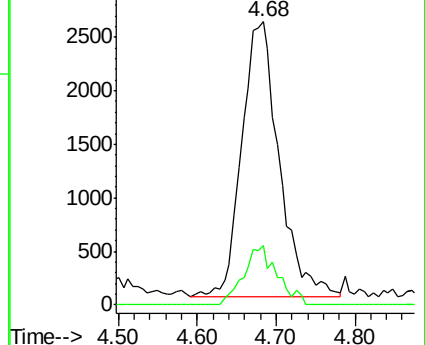
43 100

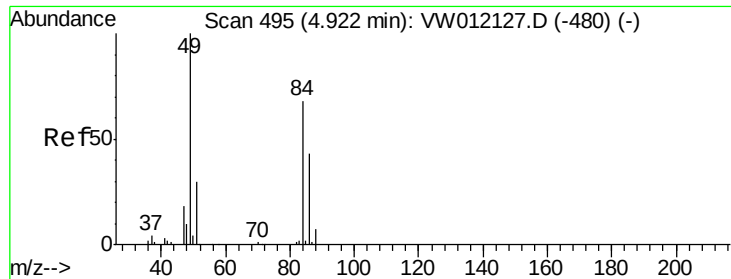
74 19.1 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

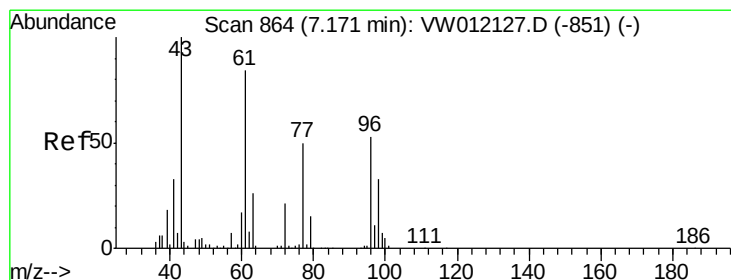
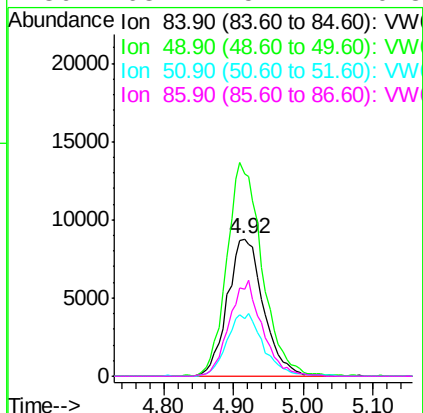
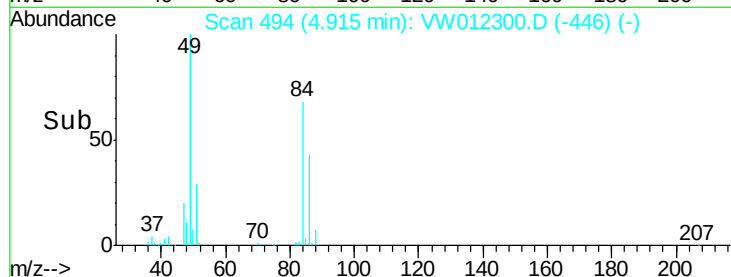
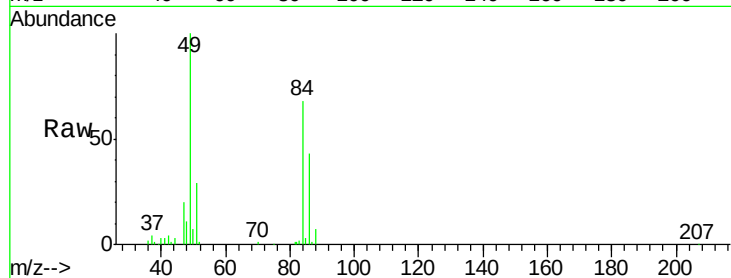




#20
Methylene Chloride
Concen: 11.666 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012300.D
Acq: 29 Aug 2019 13:54

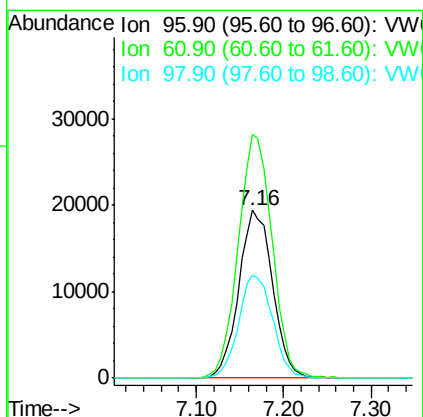
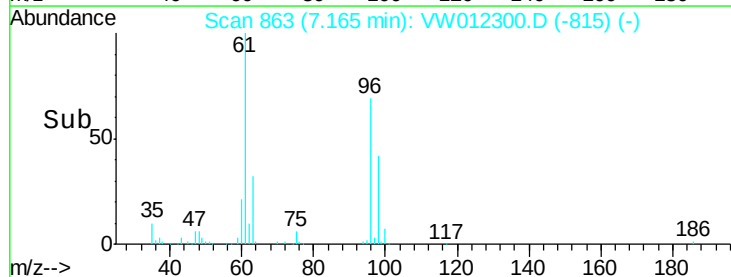
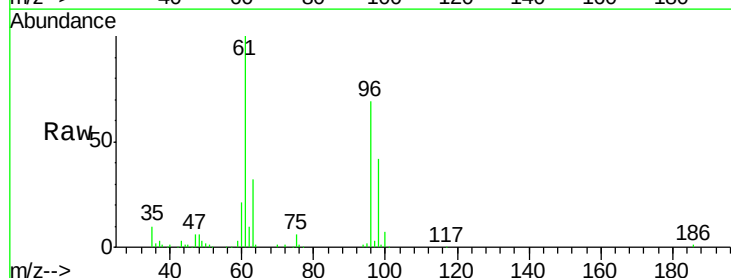
Instrument :
MSVOA_W
ClientSampleId :
S502-K2-9.5-10.0-082819

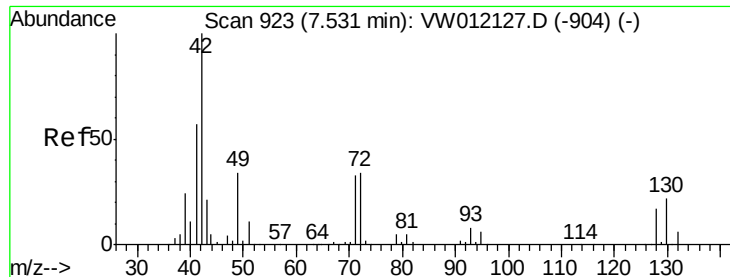
Tot Ion:	84	Resp:	31378
Ion	Ratio	Lower	Upper
84	100		
49	146.3	117.8	176.8
51	42.4	35.6	53.4
86	63.1	51.2	76.8



#27
cis-1,2-Dichloroethene
Concen: 19.424 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012300.D
Acq: 29 Aug 2019 13:54

Tgt Ion:	96	Resp:	52266
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	326.6
98	62.0	0.0	127.4





#29

Tetrahydrofuran

Concen: 9.542 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012300.D

Acq: 29 Aug 2019 13:54

Instrument :

MSVOA_W

ClientSampleId :

S502-K2-9.5-10.0-082819

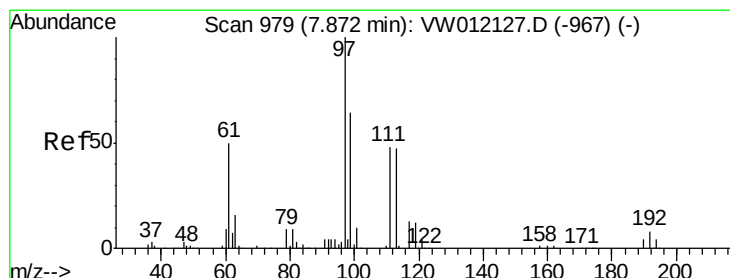
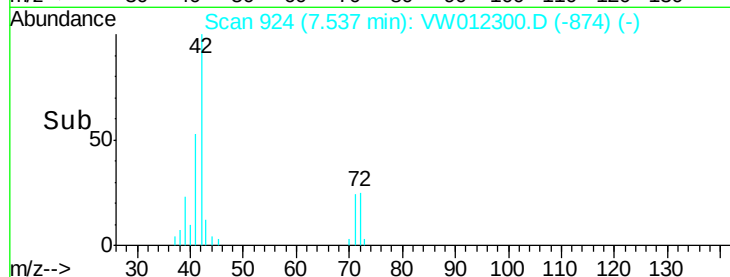
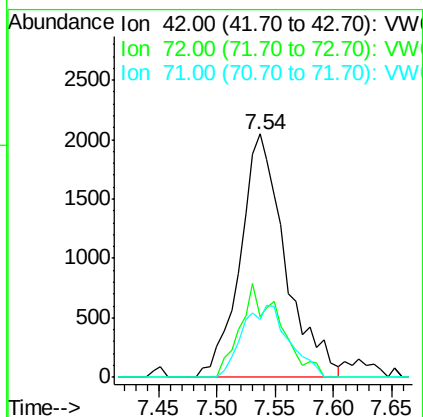
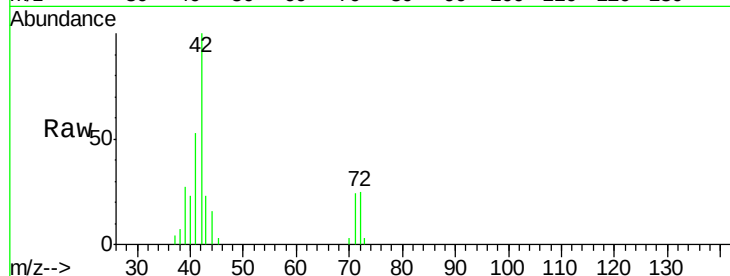
Tot Ion: 42 Resp: 5535

Ion Ratio Lower Upper

42 100

72 34.2 27.3 40.9

71 30.3 25.5 38.3



#32

1,1,1-Trichloroethane

Concen: 2.334 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012300.D

Acq: 29 Aug 2019 13:54

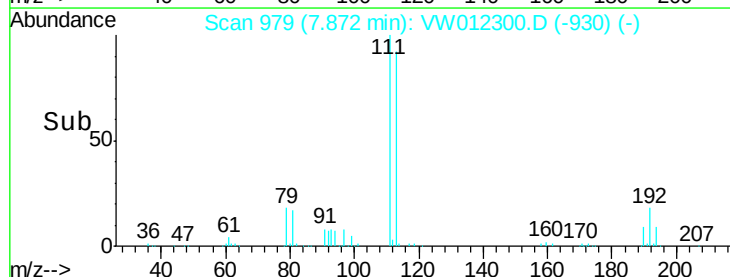
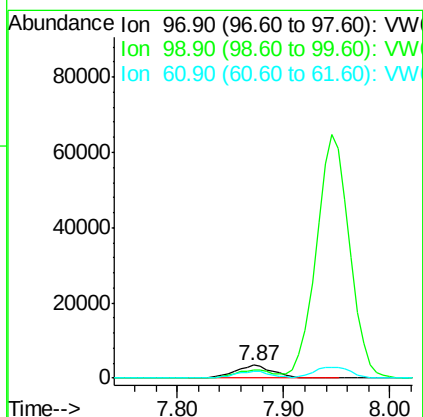
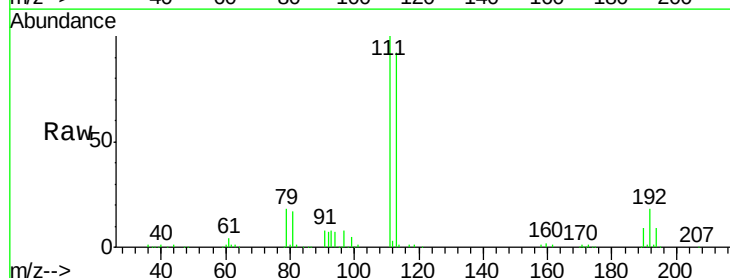
Tgt Ion: 97 Resp: 8561

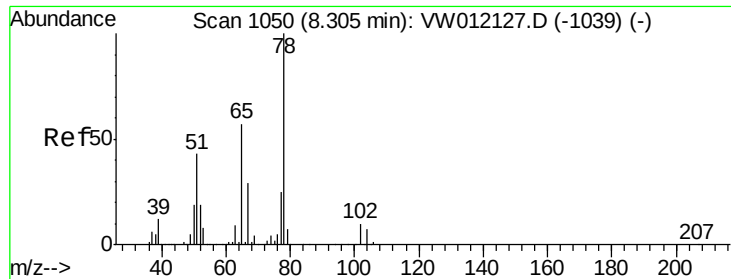
Ion Ratio Lower Upper

97 100

99 61.9 51.4 77.0

61 50.8 39.5 59.3

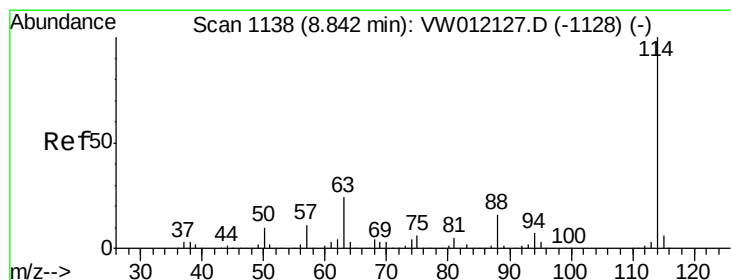
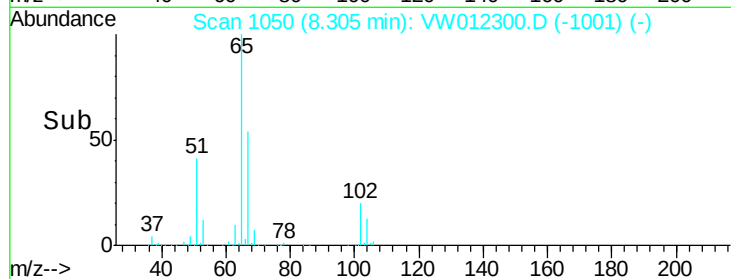
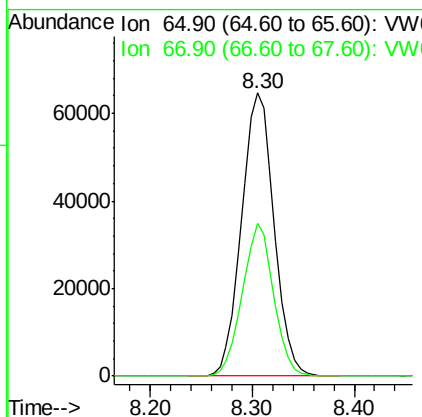
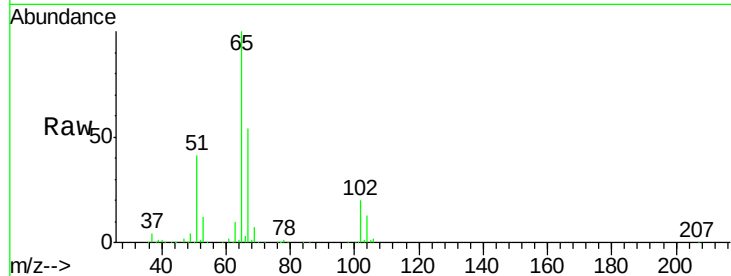




#33
 1,2-Dichloroethane-d4
 Concen: 51.491 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012300.D
 Acq: 29 Aug 2019 13:54

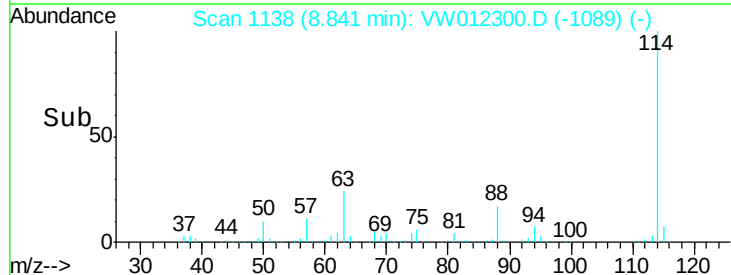
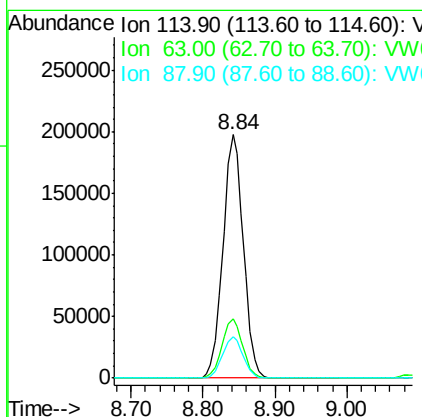
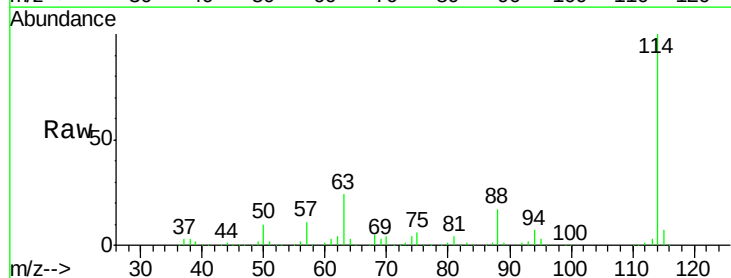
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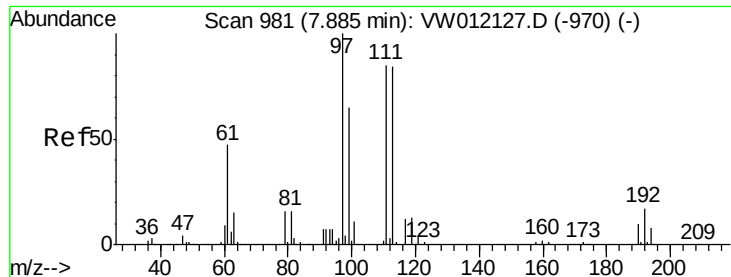
Tot Ion: 65 Resp: 143322
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012300.D
 Acq: 29 Aug 2019 13:54

Tgt Ion: 114 Resp: 389318
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 17.1 0.0 32.2

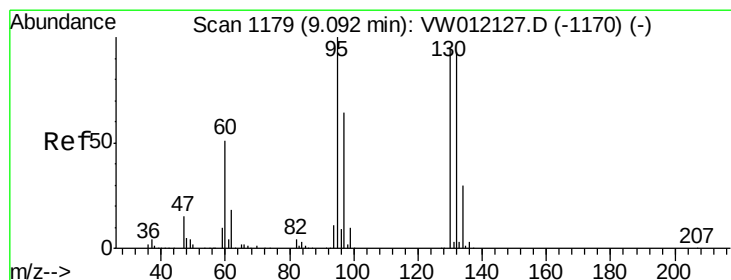
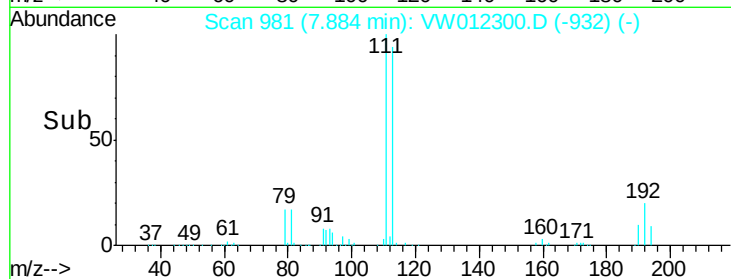
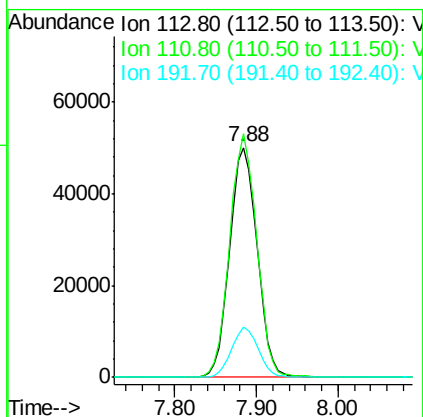
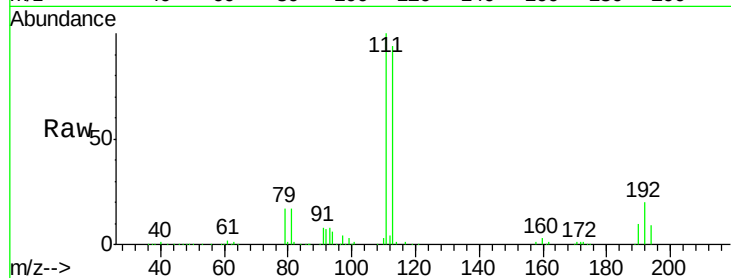




#35
 Dibromofluoromethane
 Concen: 50.103 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012300.D
 Acq: 29 Aug 2019 13:54

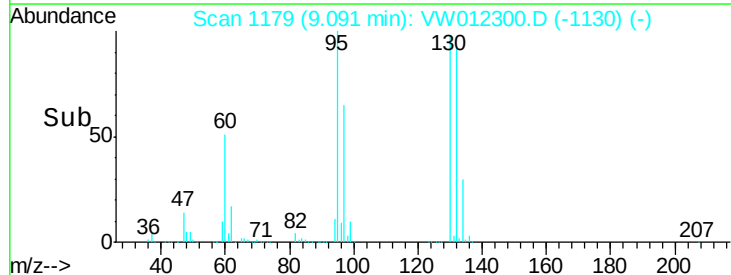
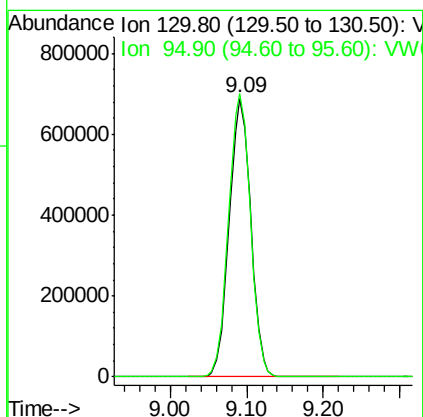
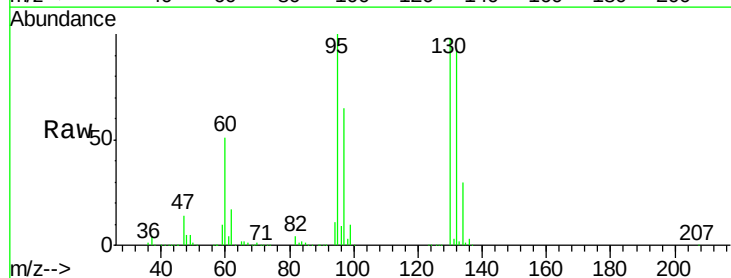
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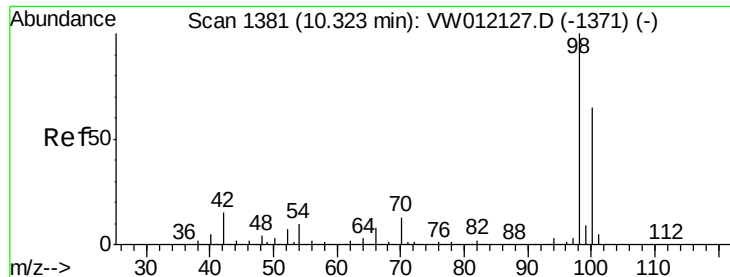
Tot Ion:113 Resp: 116432
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.7 124.1
 192 21.1 16.2 24.2



#44
 Trichloroethene
 Concen: 502.489 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW012300.D
 Acq: 29 Aug 2019 13:54

Tgt Ion:130 Resp: 1341913
 Ion Ratio Lower Upper
 130 100
 95 101.6 0.0 210.6

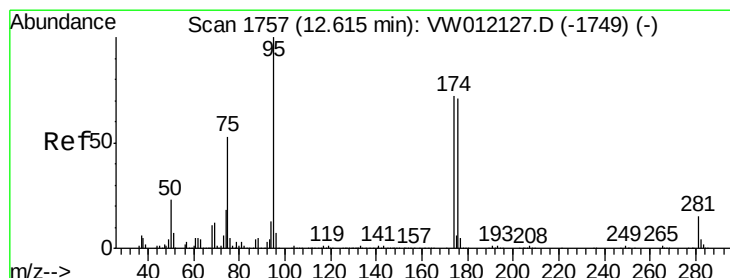
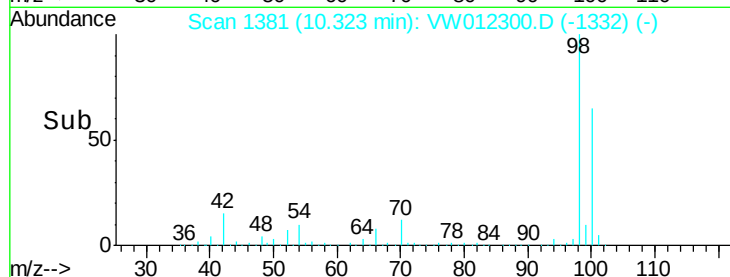
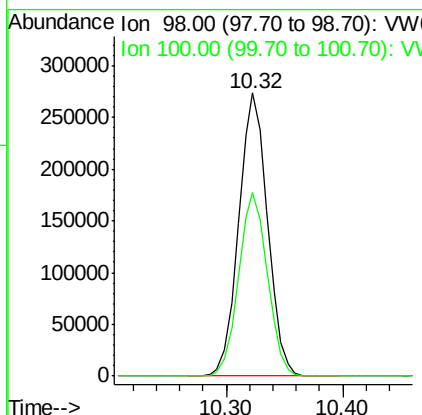
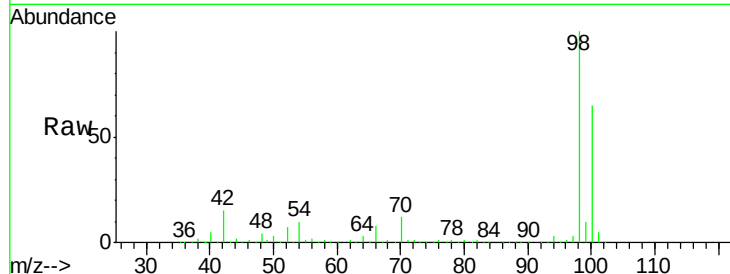




#50
Toluene-d8
Concen: 50.001 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012300.D
Acq: 29 Aug 2019 13:54

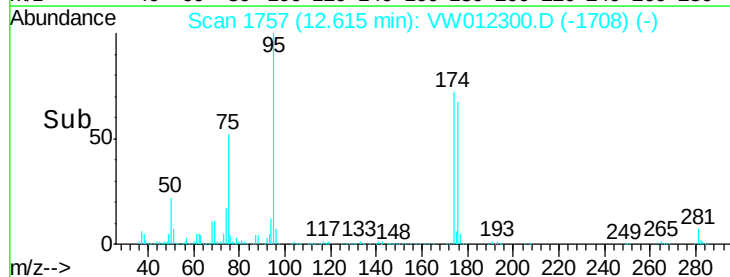
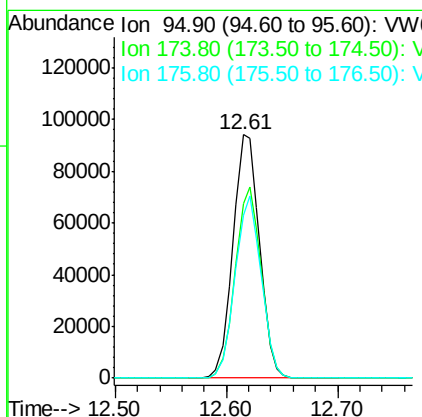
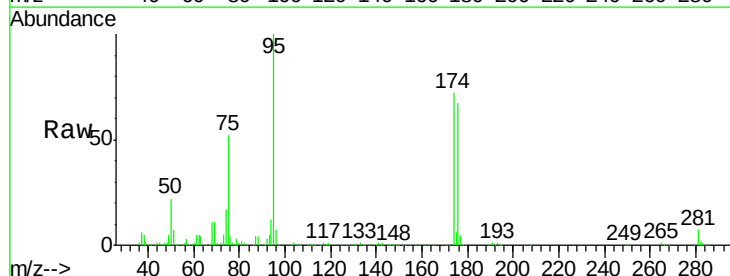
Instrument :
MSVOA_W
ClientSampleId :
S502-K2-9.5-10.0-082819

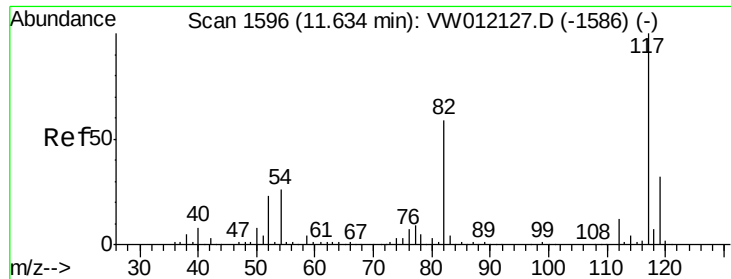
Tot Ion: 98 Resp: 471132
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.637 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012300.D
Acq: 29 Aug 2019 13:54

Tgt Ion: 95 Resp: 154902
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.8
176 73.7 0.0 148.6

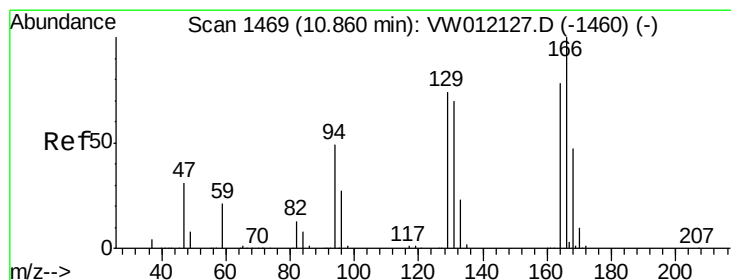
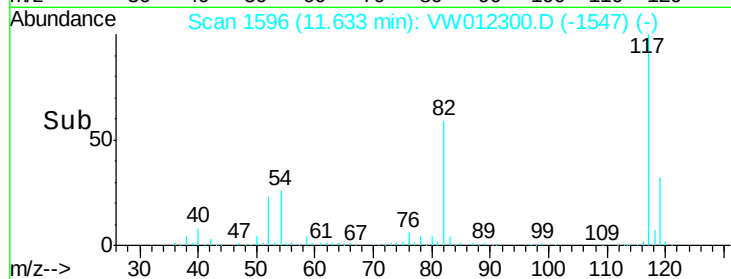
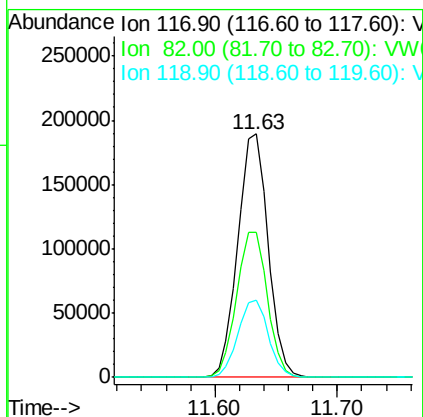
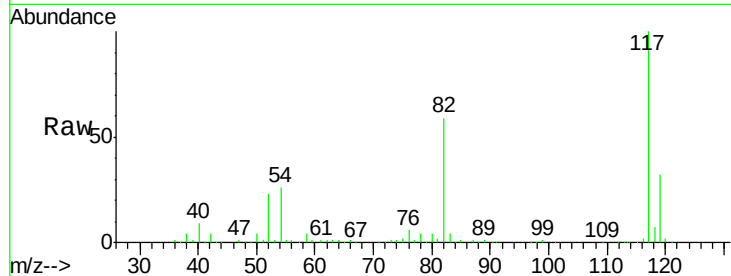




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012300.D
Acq: 29 Aug 2019 13:54

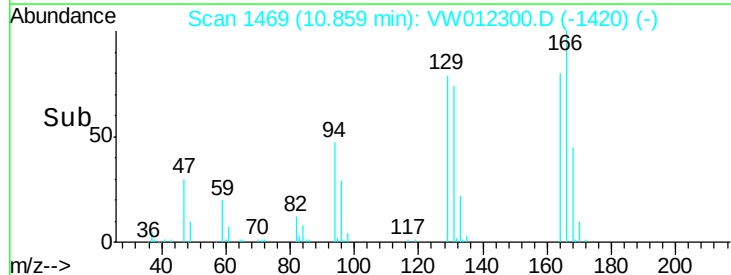
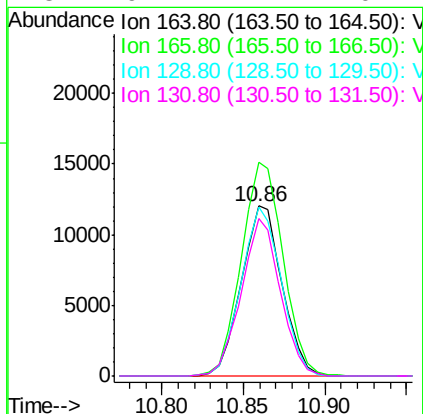
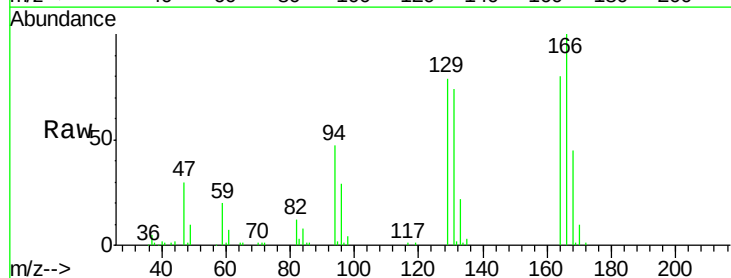
Instrument :
MSVOA_W
ClientSampleId :
S502-K2-9.5-10.0-082819

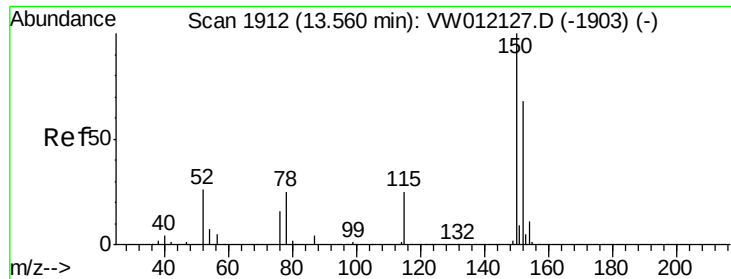
Tot Ion:117 Resp: 324782
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 9.907 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012300.D
Acq: 29 Aug 2019 13:54

Tgt Ion:164 Resp: 20860
Ion Ratio Lower Upper
164 100
166 125.6 102.4 153.6
129 99.1 75.8 113.6
131 92.4 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: VW012300.D

Acq: 29 Aug 2019 13:54

Instrument :

MSVOA_W

ClientSampleId :

S502-K2-9.5-10.0-082819

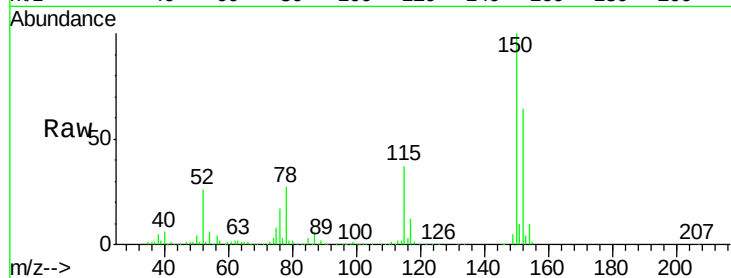
Tot Ion:152 Resp: 136755

Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.3

150 157.5 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

