

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012302.D
 Acq On : 29 Aug 2019 14:46
 Operator : SY/VA
 Sample : K4595-06
 Misc : 5.42G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S503-K2-9.5-10.0-082819-FD

Quant Time: Aug 30 07:31:21 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	232503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128529	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	138508	50.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.22%	
35) Dibromofluoromethane	7.88	113	111839	49.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.30%	
50) Toluene-d8	10.32	98	460452	49.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	149436	45.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.90%	

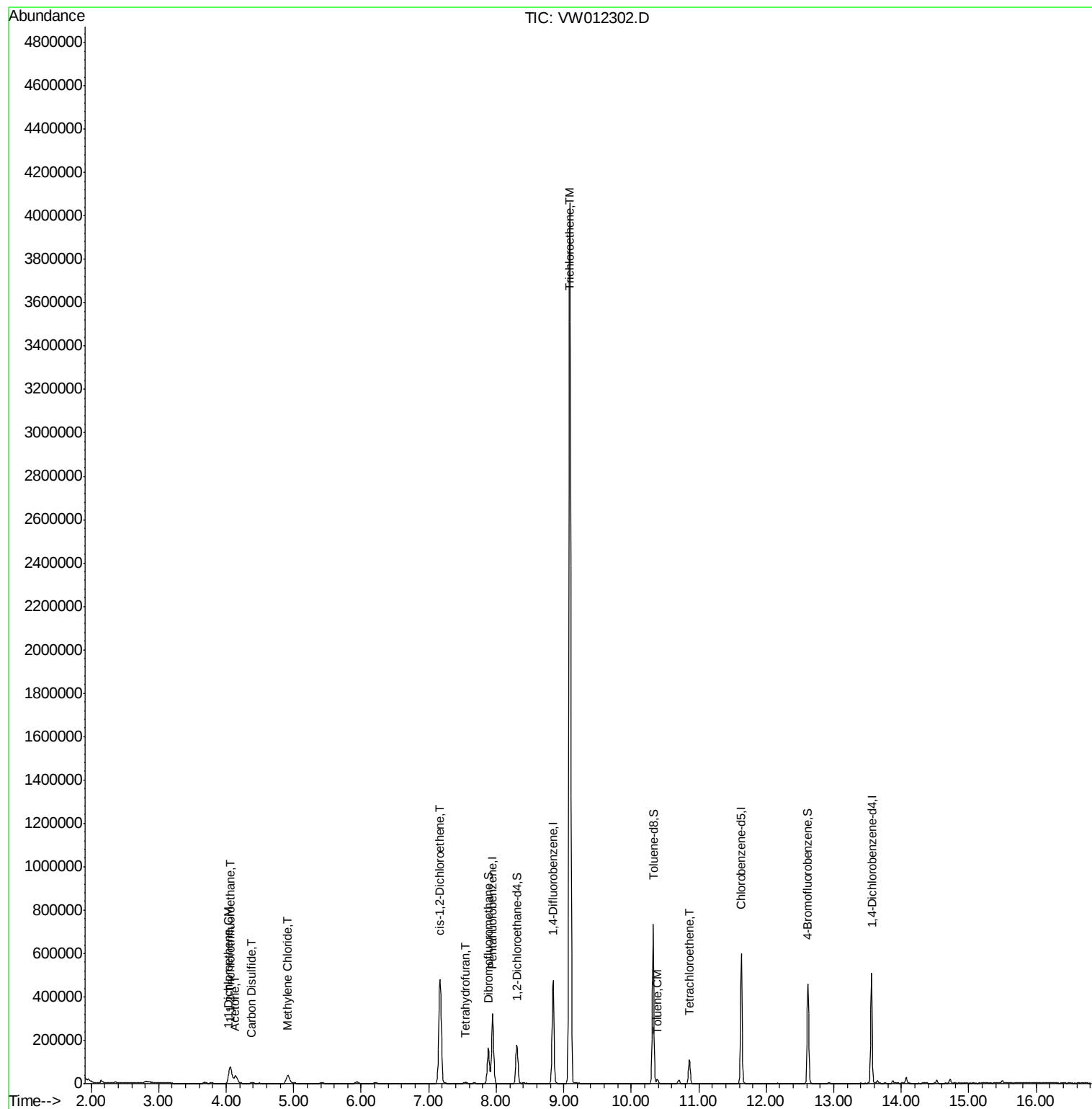
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57514	24.822	ug/l	98
12) 1,1-Dichloroethene	4.03	96	5191	2.226	ug/l	98
16) Acetone	4.14	43	61588	87.172	ug/l	100
17) Carbon Disulfide	4.38	76	9800	1.390	ug/l	96
20) Methylene Chloride	4.91	84	30104	11.271	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	275462	103.095	ug/l	91
29) Tetrahydrofuran	7.54	42	5535	9.609	ug/l	99
44) Trichloroethene	9.09	130	1379629	527.641	ug/l	97
52) Toluene	10.38	92	8666	1.341	ug/l	99
64) Tetrachloroethene	10.86	164	25010	12.246	ug/l	98

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

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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: VW012302.D

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Instrument :

MSVOA_W

ClientSampleId :

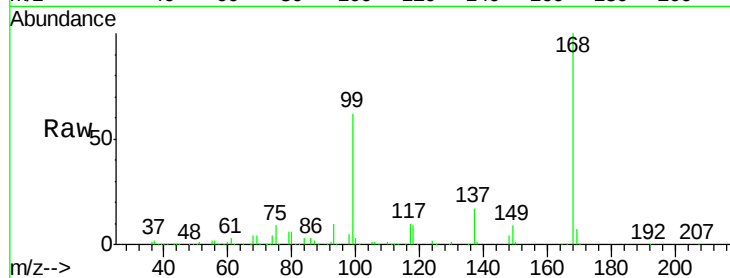
S503-K2-9.5-10.0-082819-FD

Tot Ion:168 Resp: 232503

Ion Ratio Lower Upper

168 100

99 61.6 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

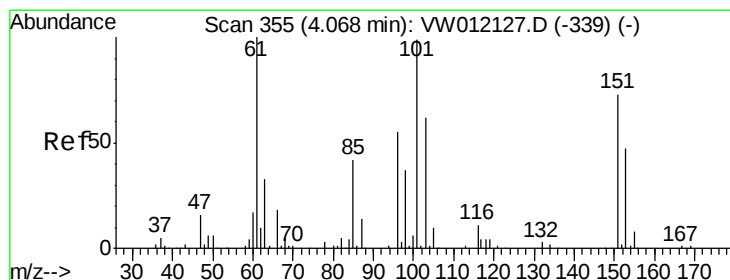
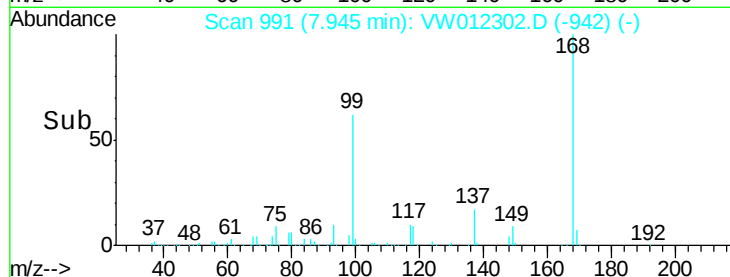
20000

0

7.90

8.00

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.822 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012302.D

Acq: 29 Aug 2019 14:46

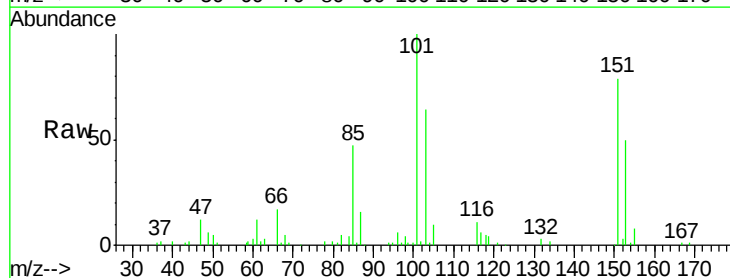
Tgt Ion:101 Resp: 57514

Ion Ratio Lower Upper

101 100

85 42.9 35.8 53.6

151 75.1 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

20000

15000

10000

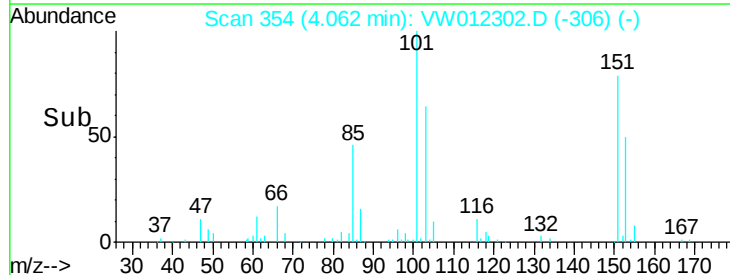
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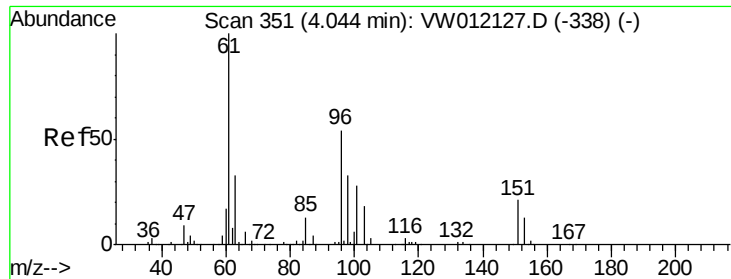
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4.00

4.20

Time-->

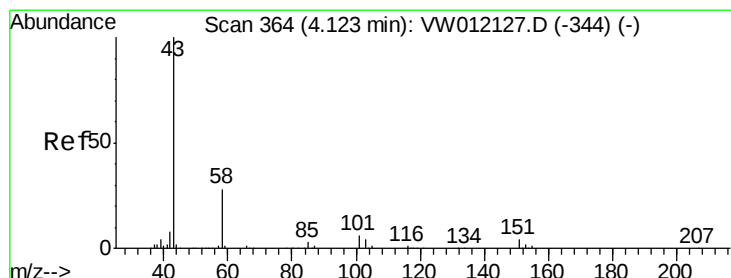
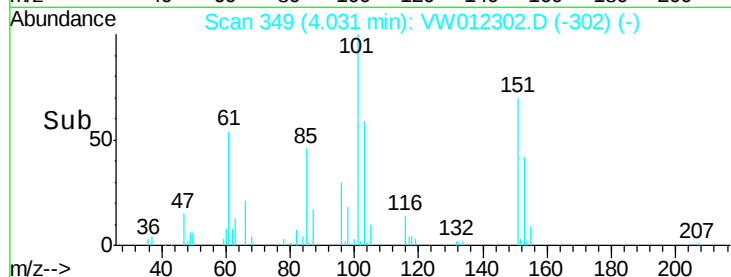
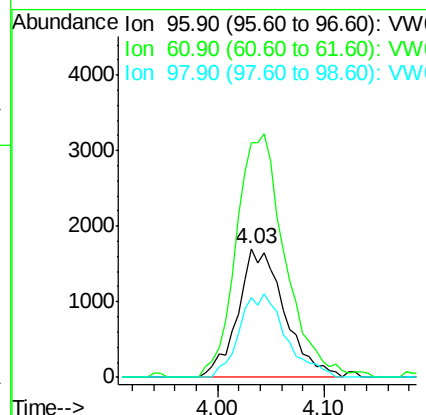
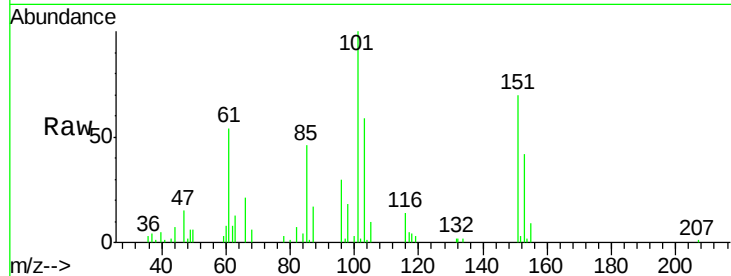




#12
 1,1-Dichloroethene
 Concen: 2.226 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012302.D
 Acq: 29 Aug 2019 14:46

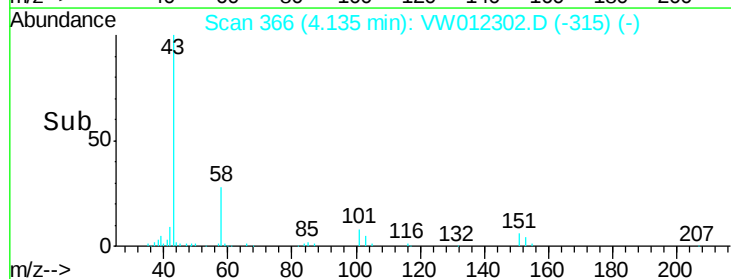
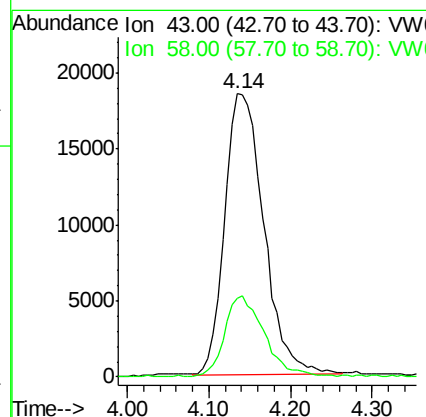
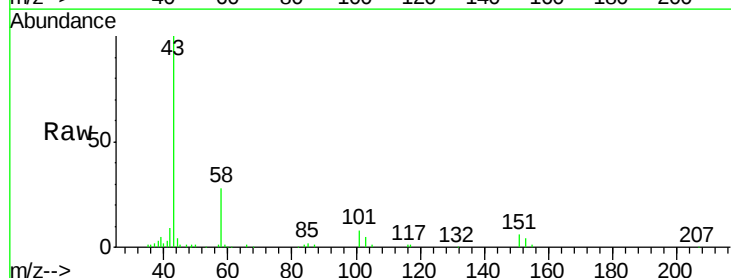
Instrument :
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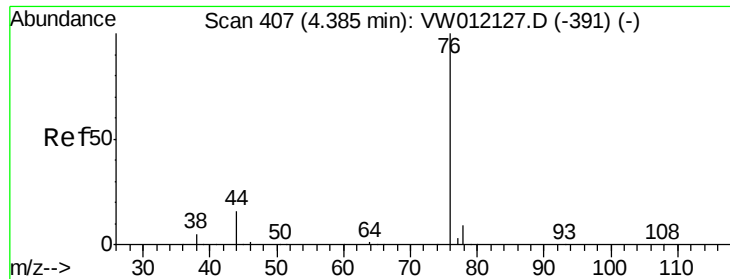
Tot Ion: 96 Resp: 5191
 Ion Ratio Lower Upper
 96 100
 61 182.6 149.1 223.7
 98 61.9 49.4 74.2



#16
 Acetone
 Concen: 87.172 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW012302.D
 Acq: 29 Aug 2019 14:46

Tgt Ion: 43 Resp: 61588
 Ion Ratio Lower Upper
 43 100
 58 28.0 22.4 33.6

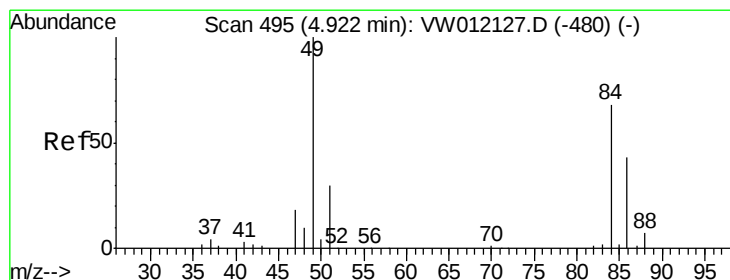
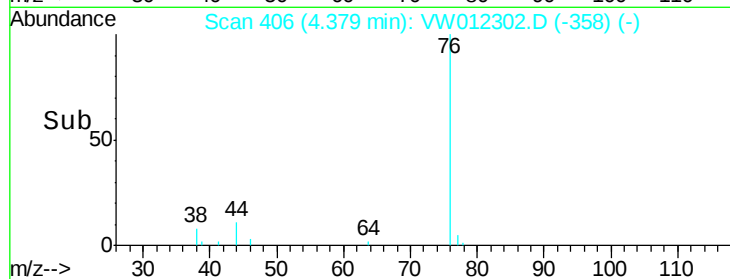
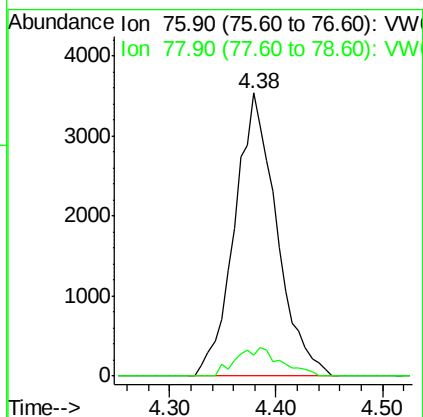
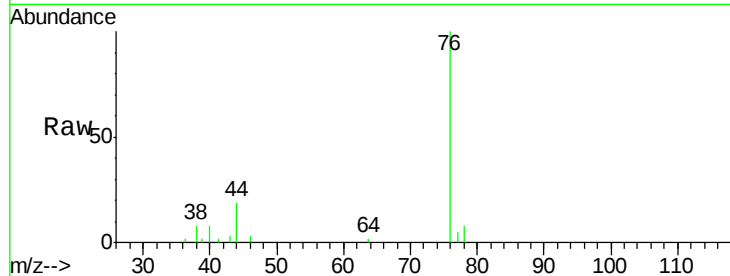




#17
Carbon Disulfide
Concen: 1.390 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012302.D
Acq: 29 Aug 2019 14:46

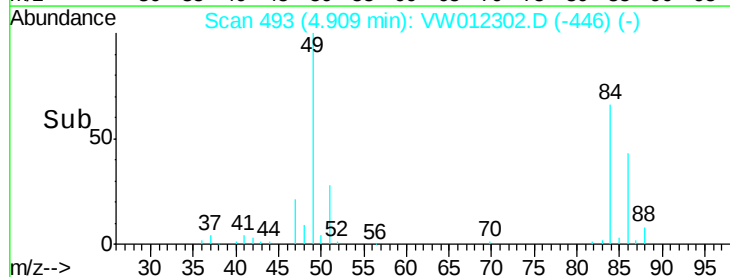
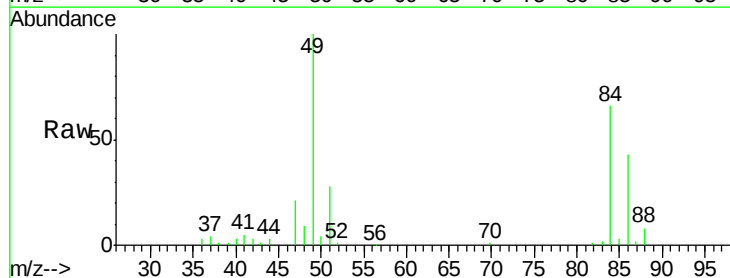
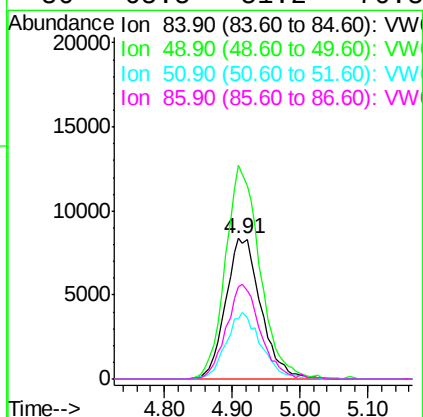
Instrument :
MSVOA_W
ClientSampleId :
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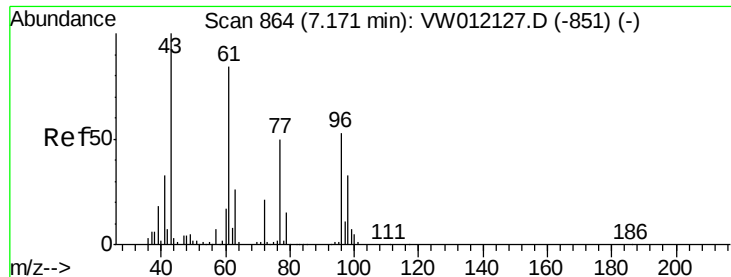
Tot Ion: 76 Resp: 9800
Ion Ratio Lower Upper
76 100
78 7.5 7.3 10.9



#20
Methylene Chloride
Concen: 11.271 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012302.D
Acq: 29 Aug 2019 14:46

Tgt Ion: 84 Resp: 30104
Ion Ratio Lower Upper
84 100
49 152.2 117.8 176.8
51 43.2 35.6 53.4
86 65.5 51.2 76.8

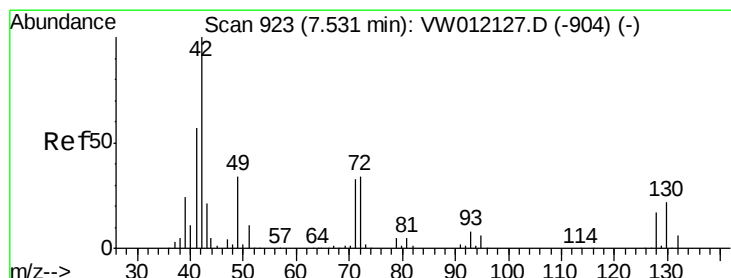
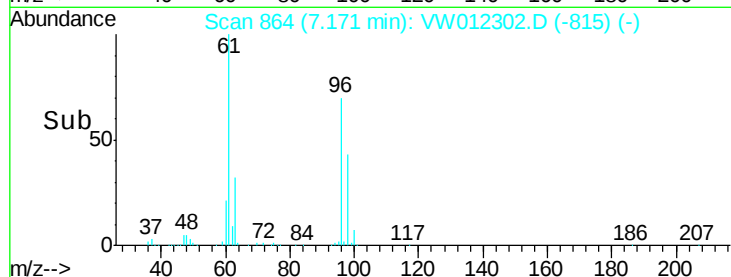
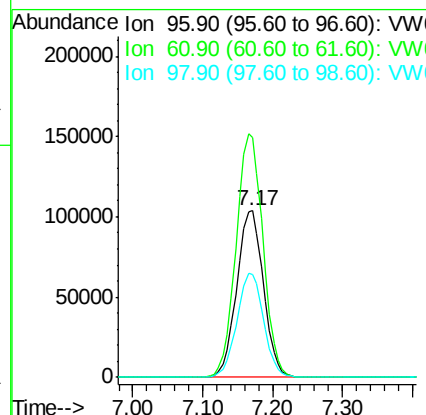
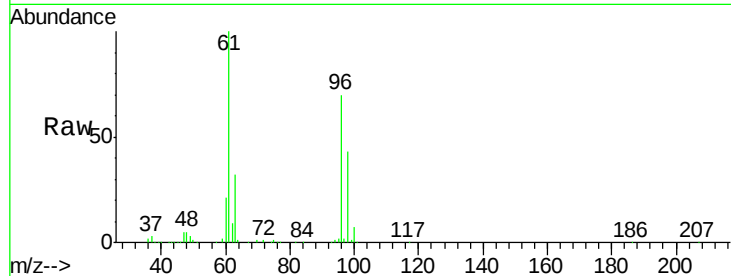




#27
 cis-1,2-Dichloroethene
 Concen: 103.095 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW012302.D
 Acq: 29 Aug 2019 14:46

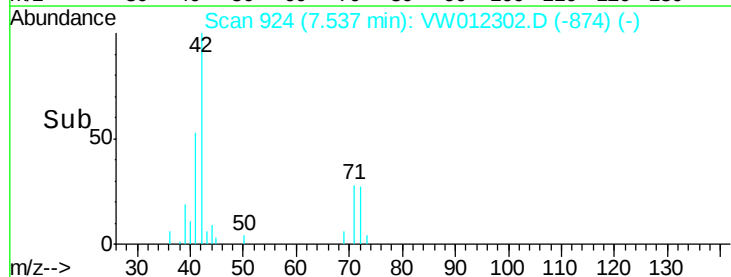
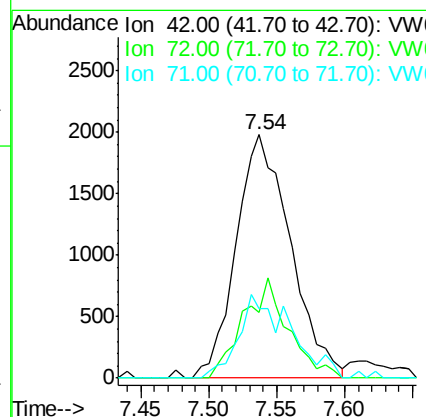
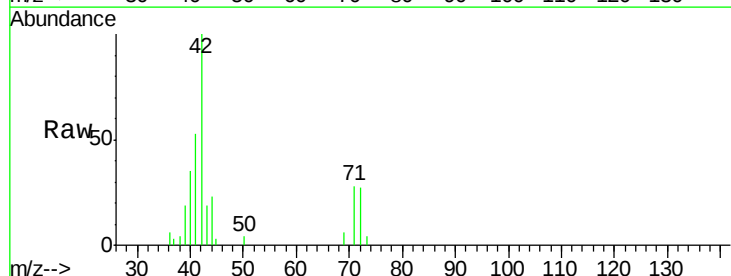
Instrument :
 MSVOA_W
 ClientSampleId :
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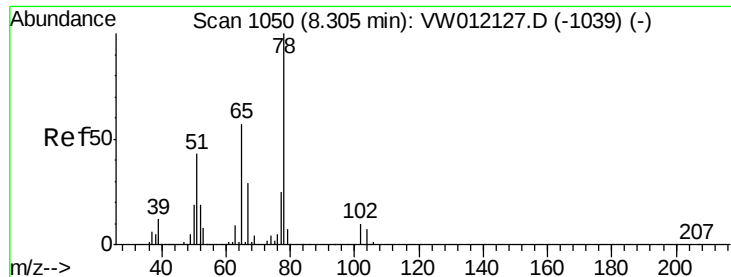
Tot Ion	96	Resp	275462
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	326.6
98	62.5	0.0	127.4



#29
 Tetrahydrofuran
 Concen: 9.609 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW012302.D
 Acq: 29 Aug 2019 14:46

Tgt Ion	42	Resp	5535
Ion	Ratio	Lower	Upper
42	100		
72	34.0	27.3	40.9
71	32.8	25.5	38.3

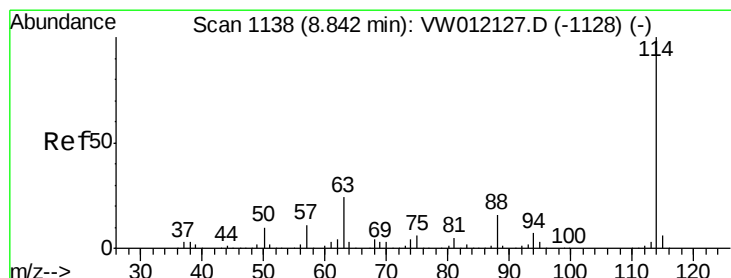
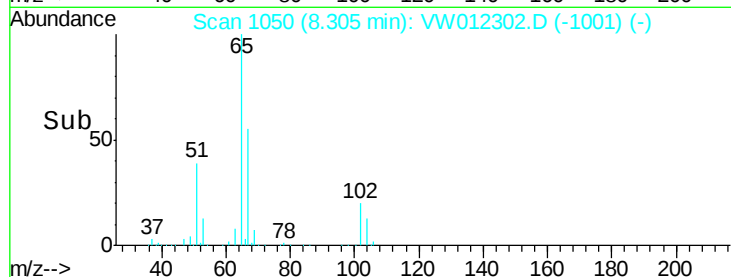
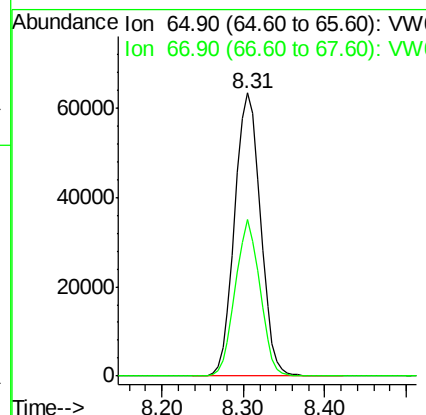
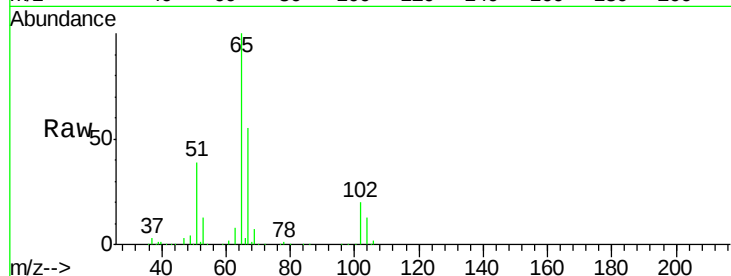




#33
 1,2-Dichloroethane-d4
 Concen: 50.113 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012302.D
 Acq: 29 Aug 2019 14:46

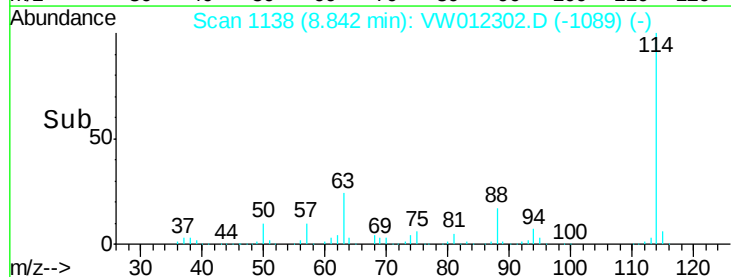
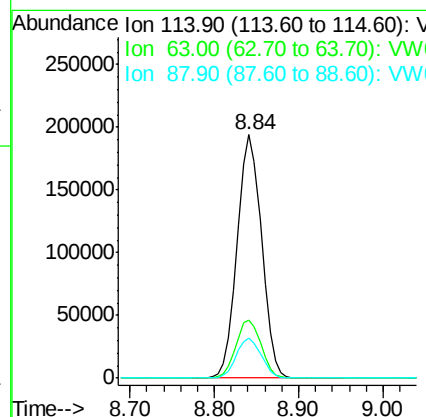
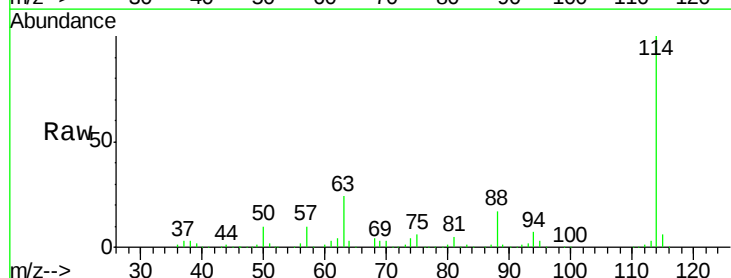
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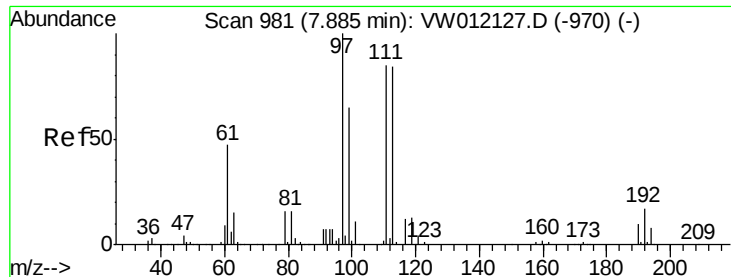
Tot Ion: 65 Resp: 138508
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012302.D
 Acq: 29 Aug 2019 14:46

Tgt Ion: 114 Resp: 381180
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.6
 88 16.7 0.0 32.2

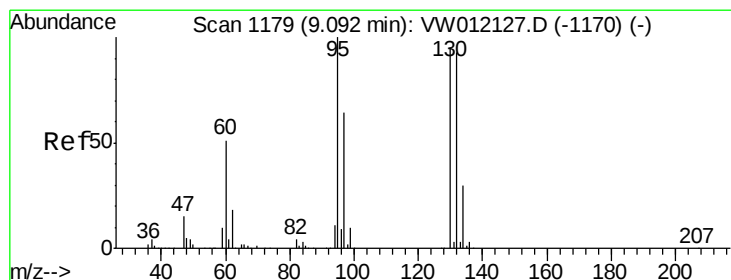
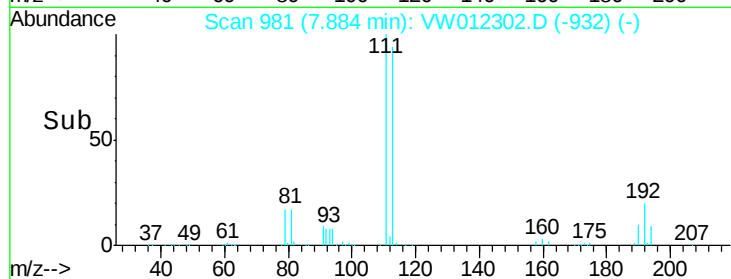
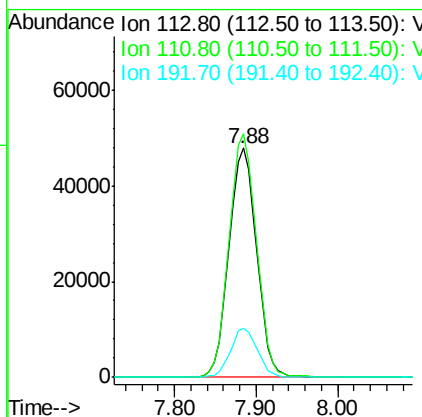
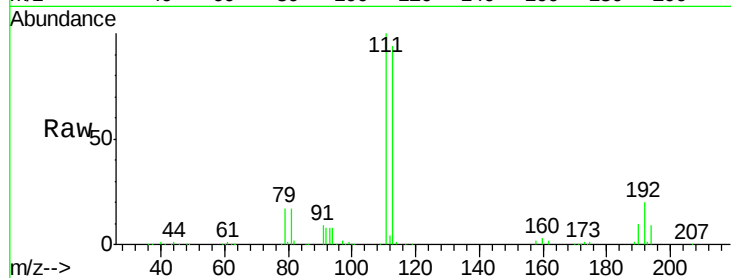




#35
Dibromofluoromethane
Concen: 49.154 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012302.D
Acq: 29 Aug 2019 14:46

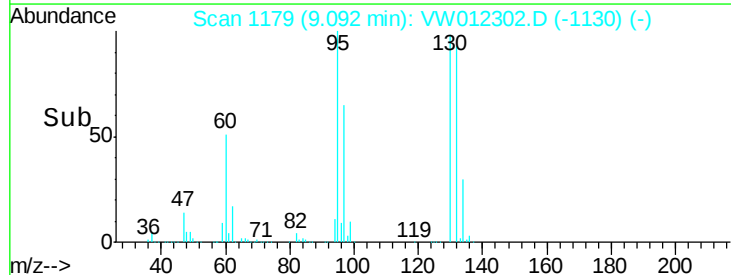
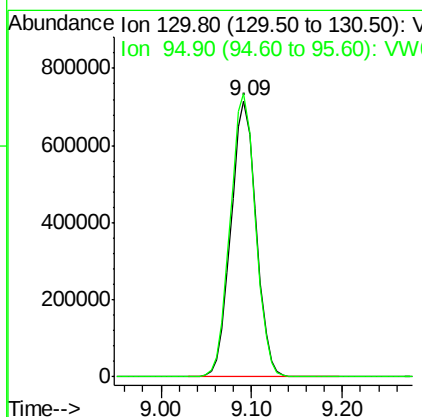
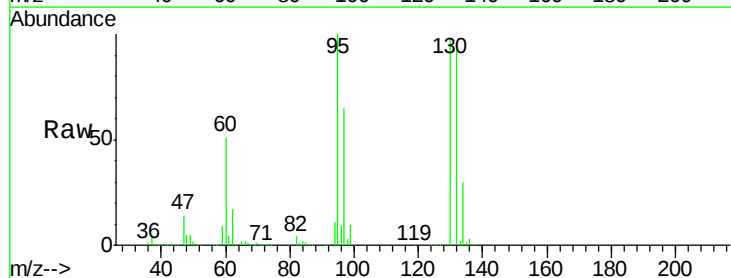
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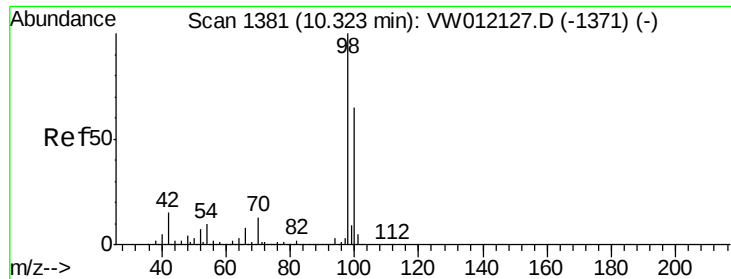
Tot Ion:113 Resp: 111839
Ion Ratio Lower Upper
113 100
111 105.3 82.7 124.1
192 20.9 16.2 24.2



#44
Trichloroethene
Concen: 527.641 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012302.D
Acq: 29 Aug 2019 14:46

Tgt Ion:130 Resp: 1379629
Ion Ratio Lower Upper
130 100
95 102.4 0.0 210.6

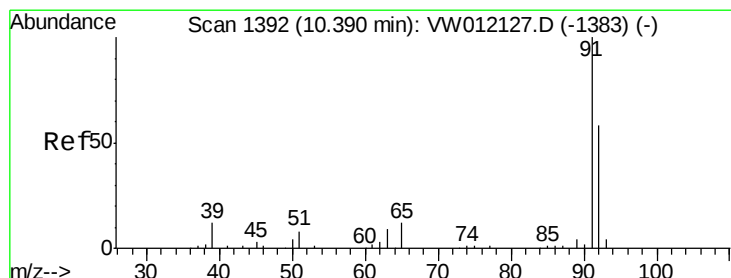
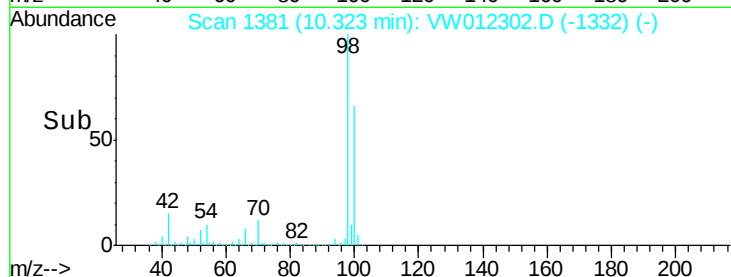
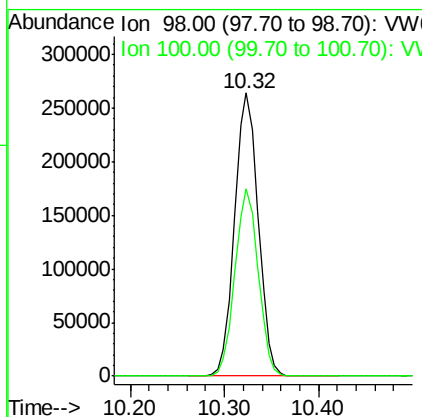
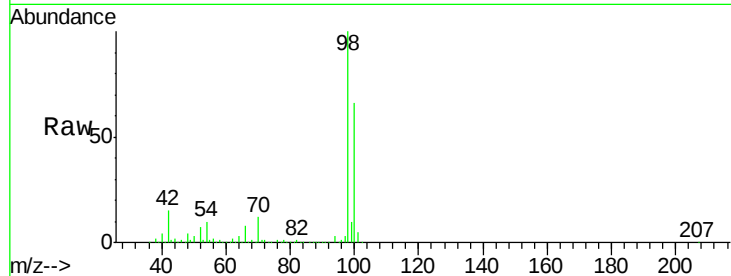




#50
Toluene-d8
Concen: 49.910 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012302.D
Acq: 29 Aug 2019 14:46

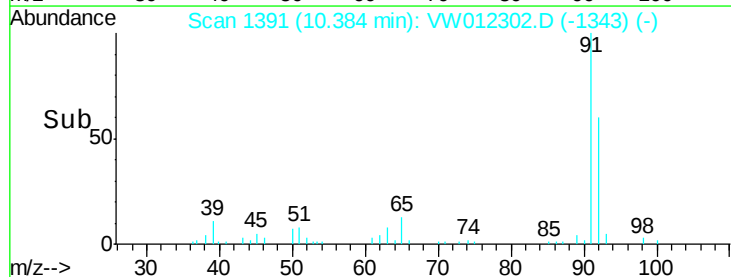
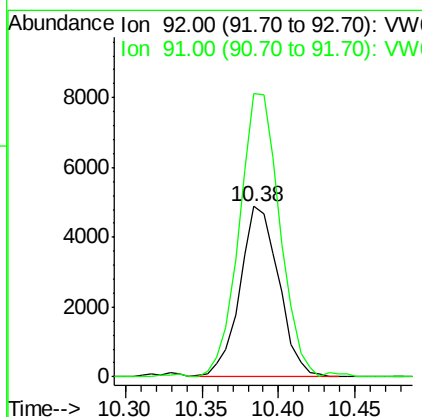
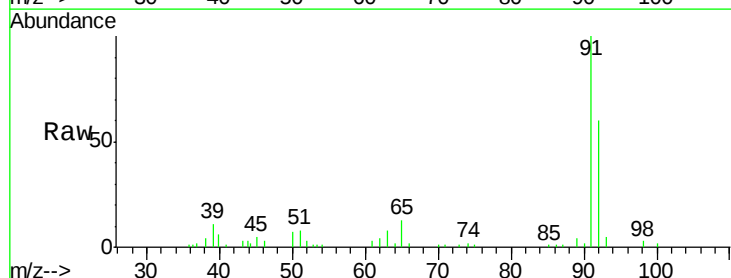
Instrument :
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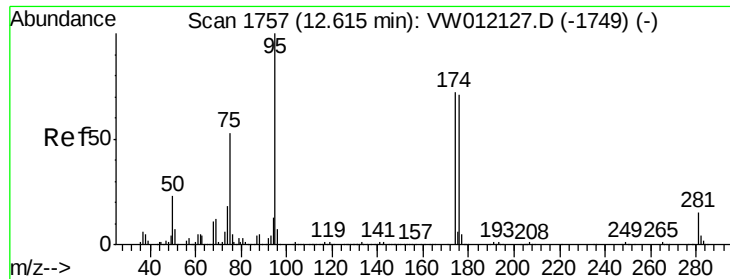
Tot Ion: 98 Resp: 460452
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#52
Toluene
Concen: 1.341 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012302.D
Acq: 29 Aug 2019 14:46

Tgt Ion: 92 Resp: 8666
Ion Ratio Lower Upper
92 100
91 172.6 136.6 204.8

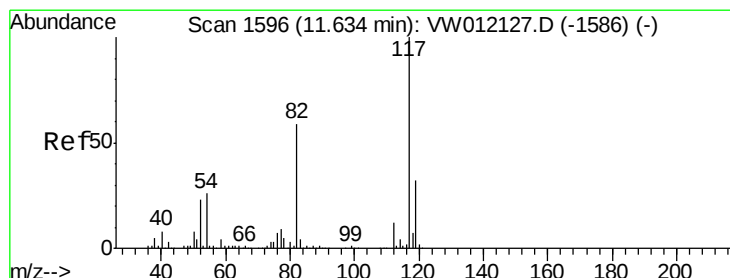
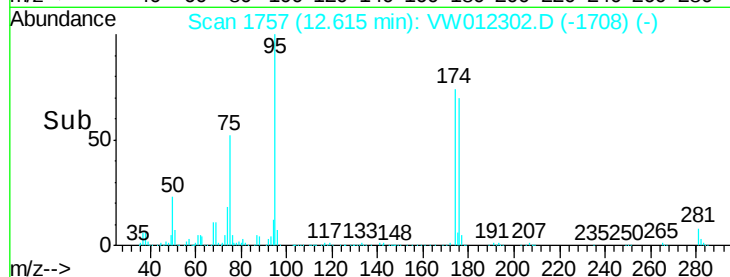
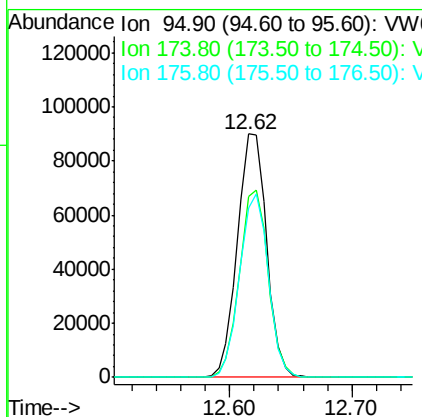
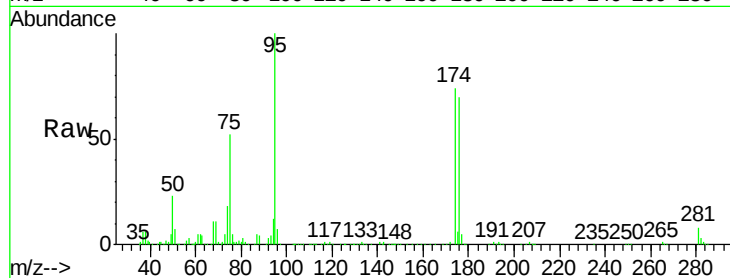




#62
4-Bromofluorobenzene
Concen: 45.952 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012302.D
Acq: 29 Aug 2019 14:46

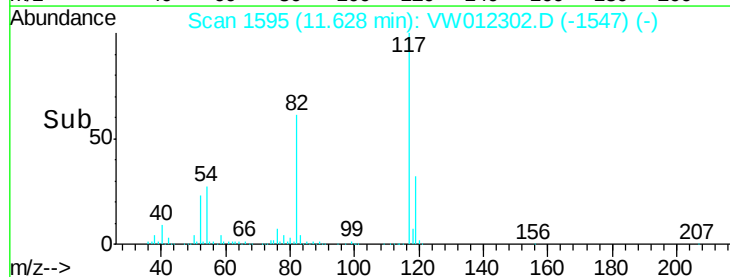
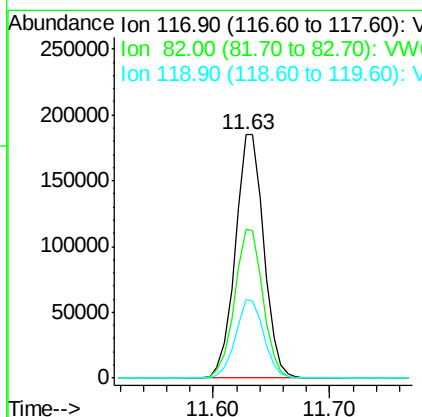
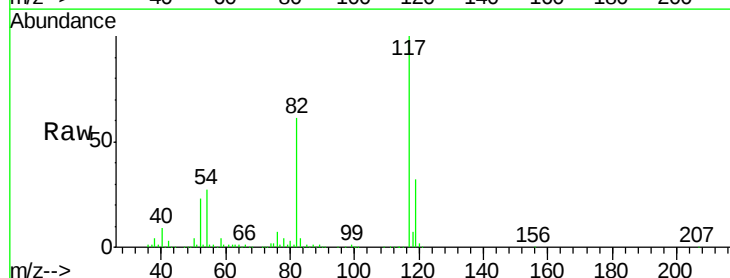
Instrument :
MSVOA_W
ClientSampleId :
S503-K2-9.5-10.0-082819-FD

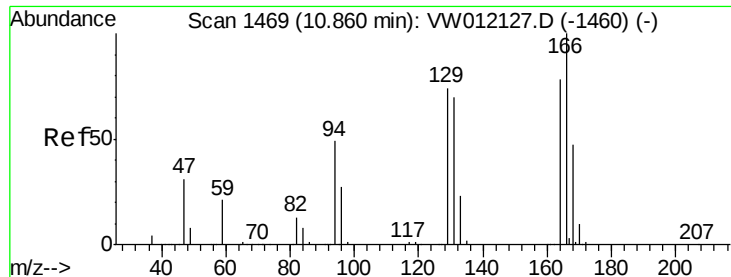
Tot Ion: 95 Resp: 149436
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.8
176 73.7 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012302.D
Acq: 29 Aug 2019 14:46

Tgt Ion: 117 Resp: 315002
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.0 25.4 38.2





#64

Tetrachloroethene

Concen: 12.246 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW012302.D

Acq: 29 Aug 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

S503-K2-9.5-10.0-082819-FD

Tot Ion:164 Resp: 25010

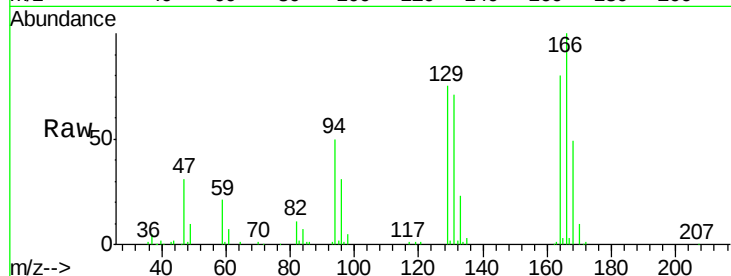
Ion Ratio Lower Upper

164 100

166 124.6 102.4 153.6

129 93.6 75.8 113.6

131 87.8 71.4 107.2

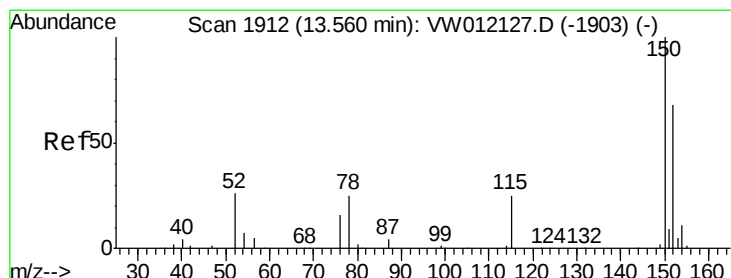
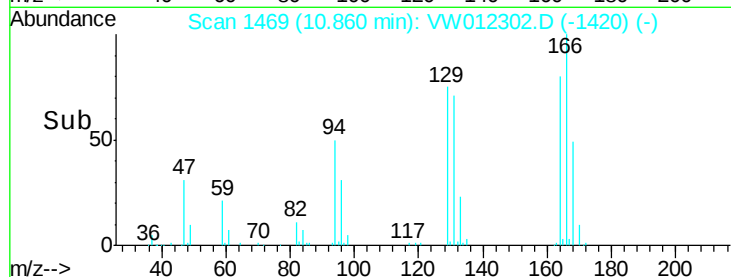
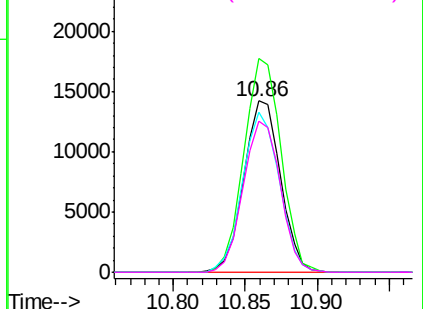


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012302.D

Acq: 29 Aug 2019 14:46

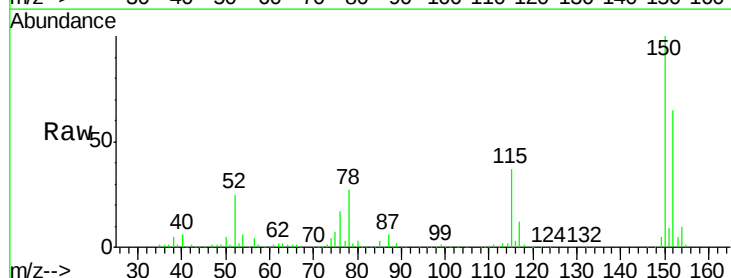
Tgt Ion:152 Resp: 128529

Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.3

150 158.1 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

