

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014748.D
 Acq On : 24 Jan 2020 16:59
 Operator : SY/VA
 Sample : L1007-19
 Misc : 8.16G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-012320-C

Quant Time: Jan 25 06:10:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	544609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	907187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	751723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	296032	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	284109	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
35) Dibromofluoromethane	7.88	113	273639	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
50) Toluene-d8	10.32	98	1062784	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.62	95	314757	43.23	ug/l	0.00
Spiked Amount			Recovery	=	86.46%	

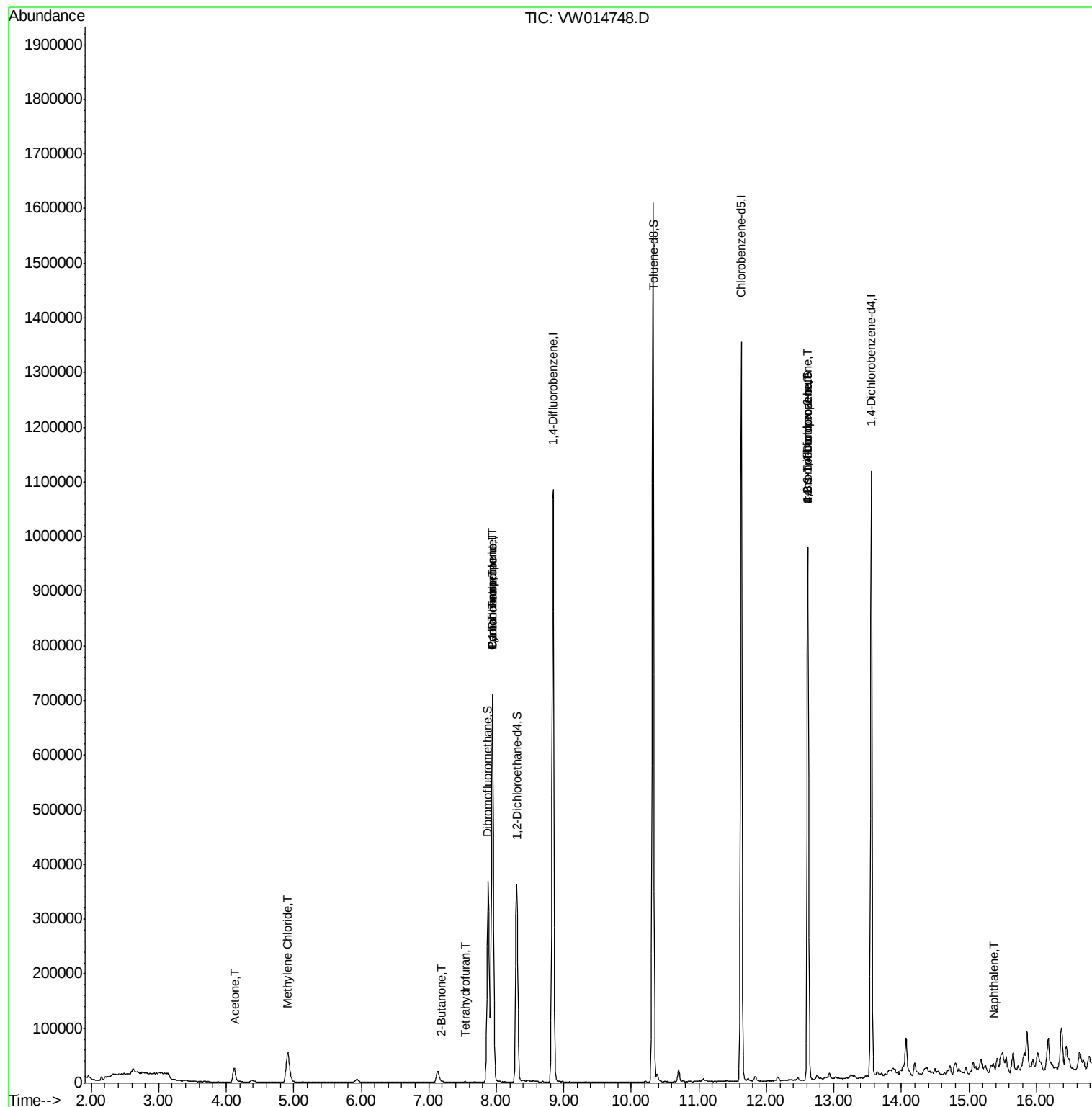
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	47795	36.256	ug/l	95
20) Methylene Chloride	4.92	84	45803	4.273	ug/l	95
25) 2-Butanone	7.19	43	2674	1.541	ug/l	92
29) Tetrahydrofuran	7.53	42	1154	1.051	ug/l #	62
31) Cyclohexane	7.95	56	10995	1.007	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	42257	4.594	ug/l #	50
38) Carbon Tetrachloride	7.95	117	52416	6.542	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	157778	53.681	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	157778	127.048	ug/l #	11
95) Naphthalene	15.36	128	6585	1.624	ug/l	96

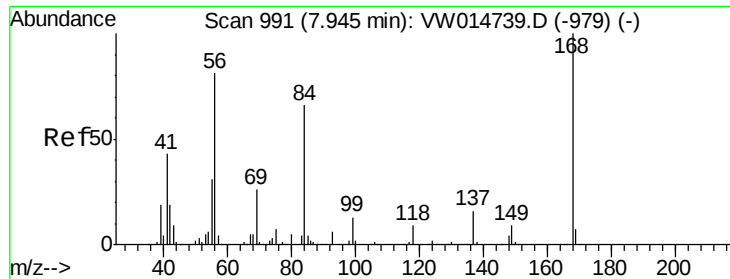
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012420\
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Quant Title : SW846 8260
QLast Update : Fri Jan 24 13:12:20 2020
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: VW014748.D

Acq: 24 Jan 2020 16:59

Instrument :

MSVOA_W

ClientSampleId :

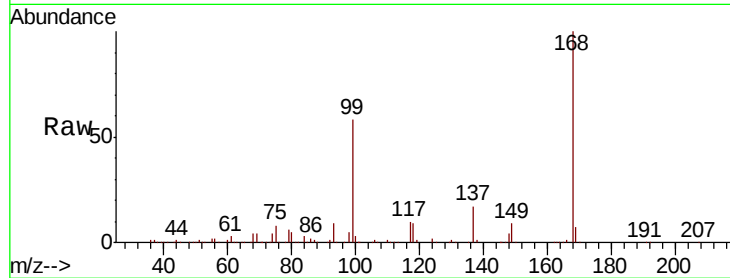
JC-03-012320-C

Tot Ion:168 Resp: 544609

Ion Ratio Lower Upper

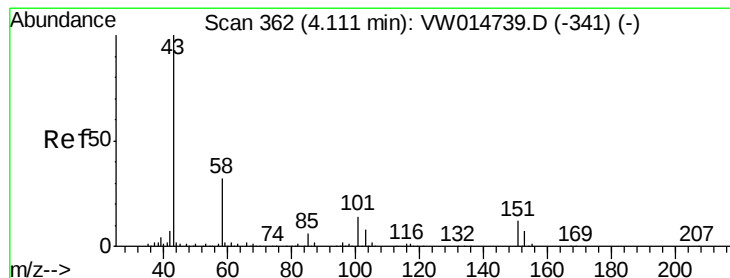
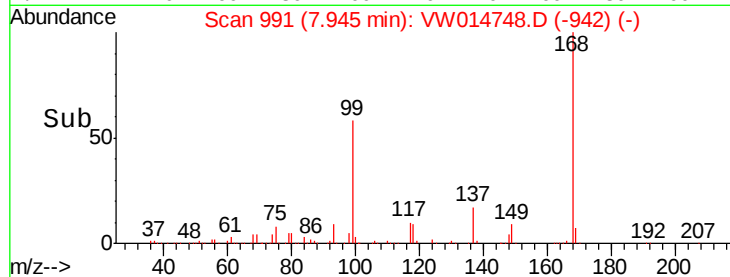
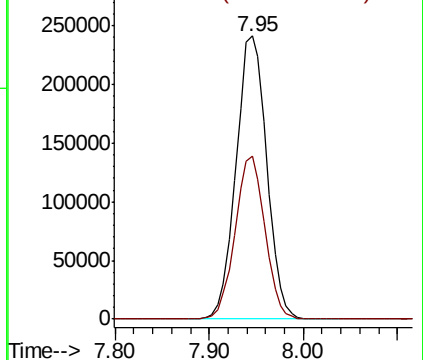
168 100

99 57.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 36.256 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014748.D

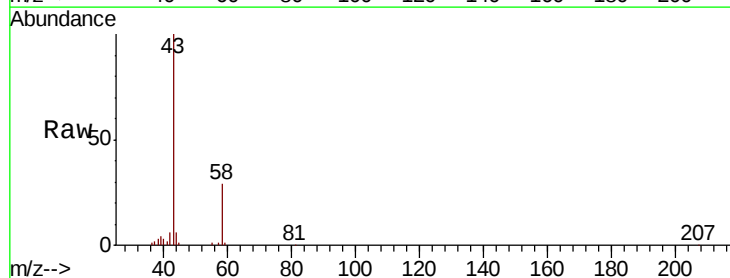
Acq: 24 Jan 2020 16:59

Tgt Ion: 43 Resp: 47795

Ion Ratio Lower Upper

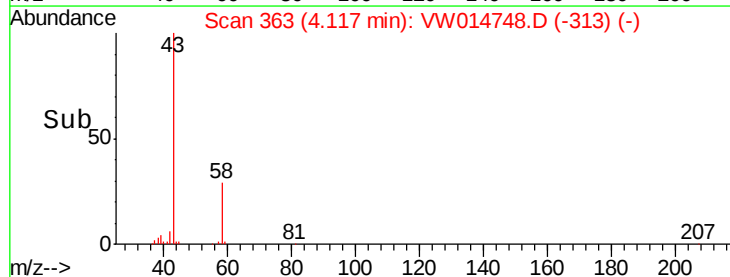
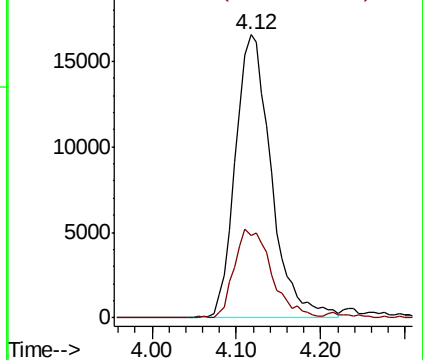
43 100

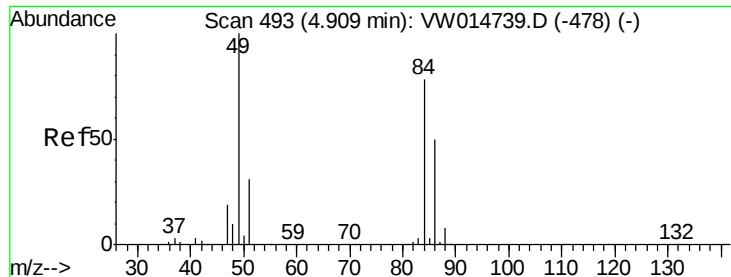
58 29.3 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

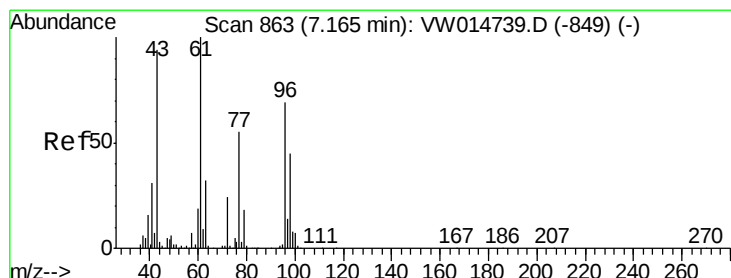
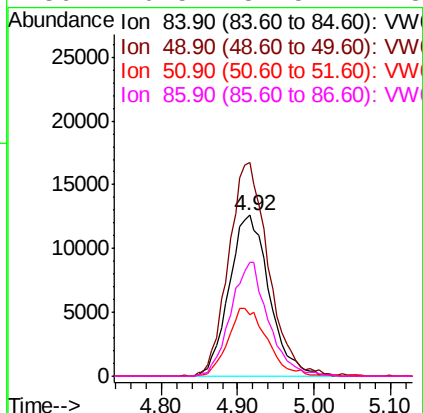
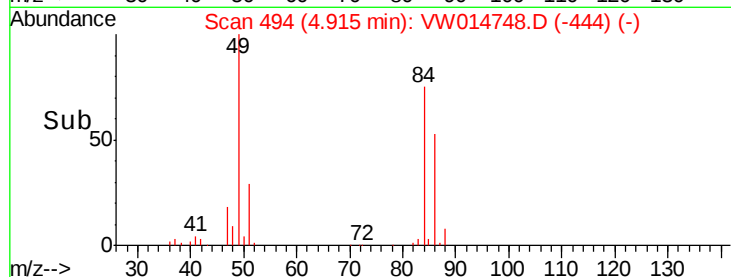
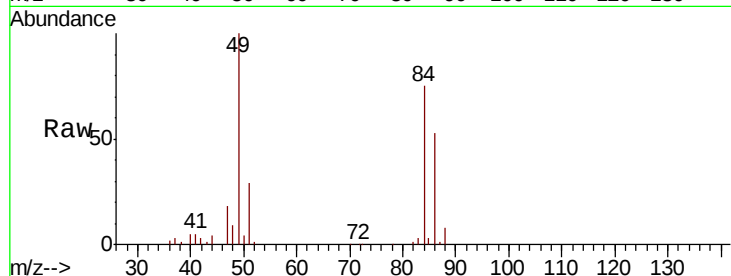




#20
Methvlene Chloride
Concen: 4.273 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014748.D
Acq: 24 Jan 2020 16:59

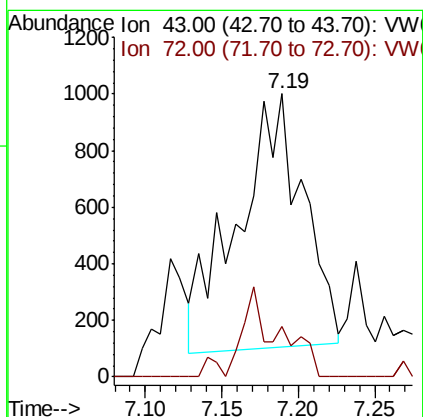
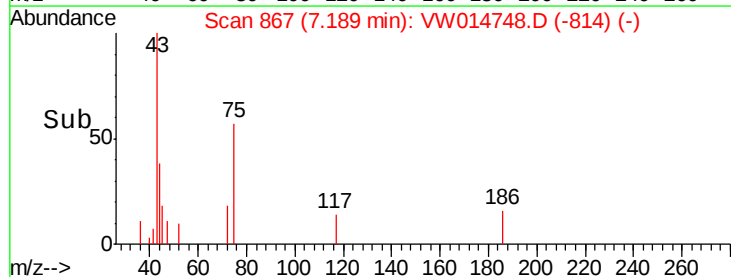
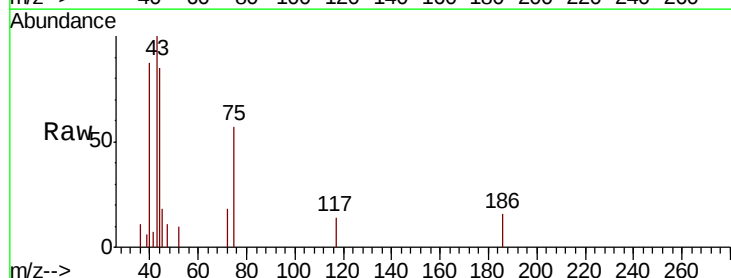
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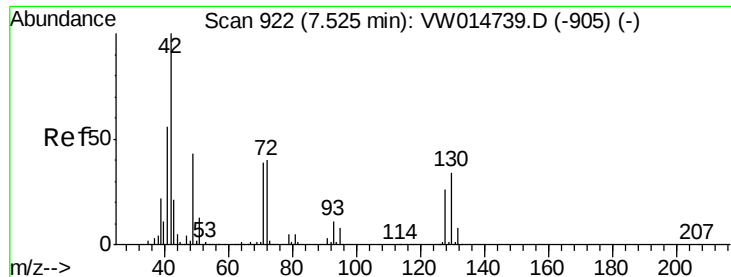
Tot Ion: 84 Resp: 45803
Ion Ratio Lower Upper
84 100
49 132.8 103.1 154.7
51 37.9 32.1 48.1
86 70.5 51.5 77.3



#25
2-Butanone
Concen: 1.541 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW014748.D
Acq: 24 Jan 2020 16:59

Tgt Ion: 43 Resp: 2674
Ion Ratio Lower Upper
43 100
72 21.2 20.2 30.4

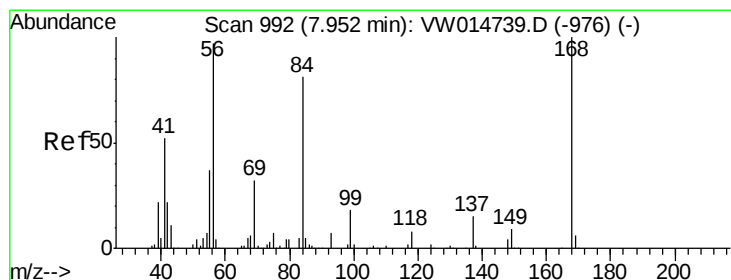
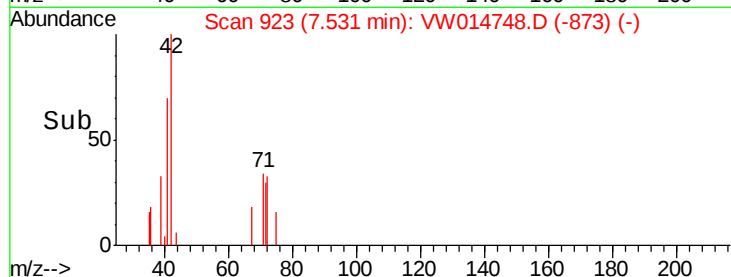
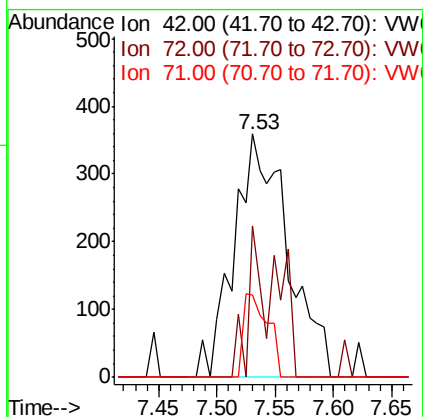
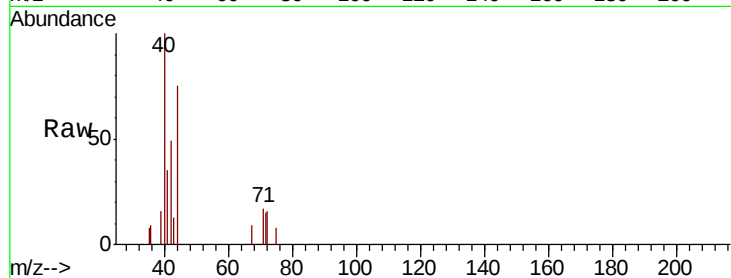




#29
Tetrahydrofuran
Concen: 1.051 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW014748.D
Acq: 24 Jan 2020 16:59

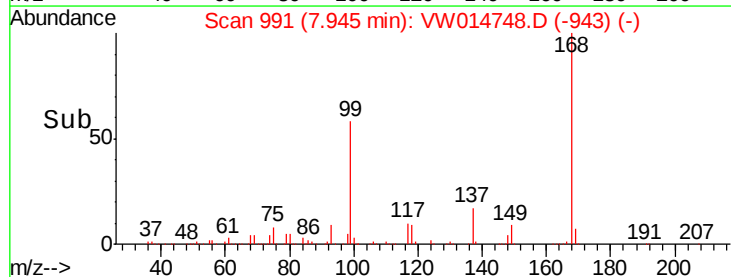
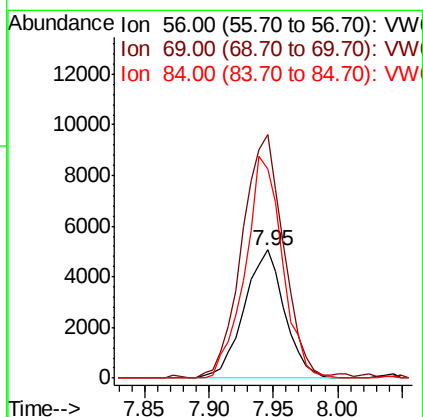
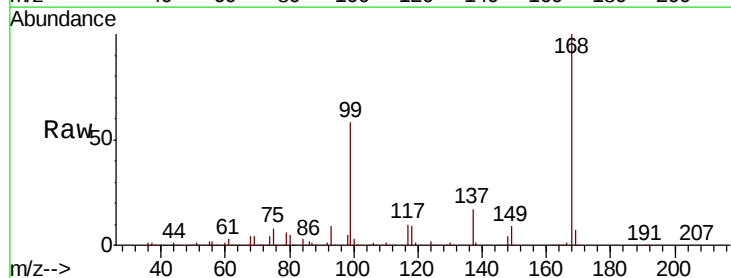
Instrument :
MSVOA_W
ClientSampleId :
JC-03-012320-C

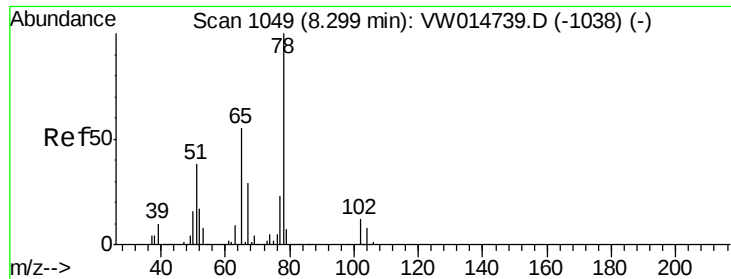
Tot Ion: 42 Resp: 1154
Ion Ratio Lower Upper
42 100
72 16.1 32.3 48.5#
71 15.8 31.0 46.4#



#31
Cyclohexane
Concen: 1.007 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW014748.D
Acq: 24 Jan 2020 16:59

Tgt Ion: 56 Resp: 10995
Ion Ratio Lower Upper
56 100
69 190.4 26.0 39.0#
84 163.9 66.6 99.8#

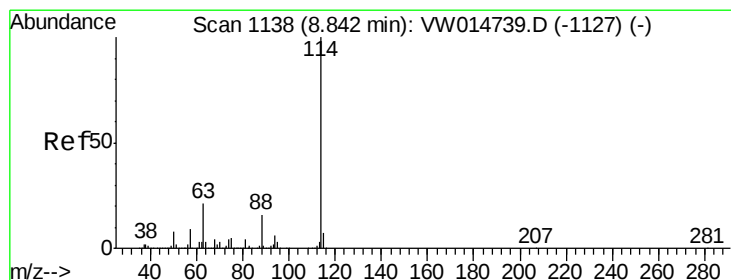
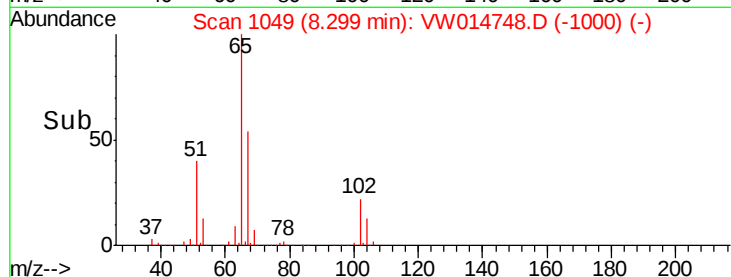
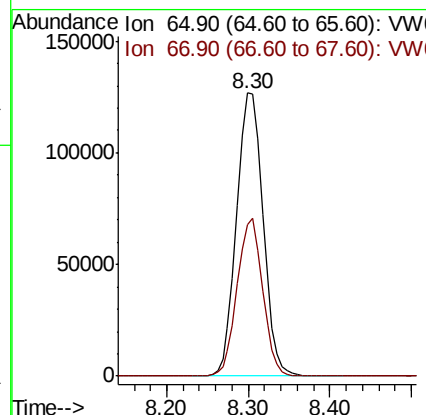
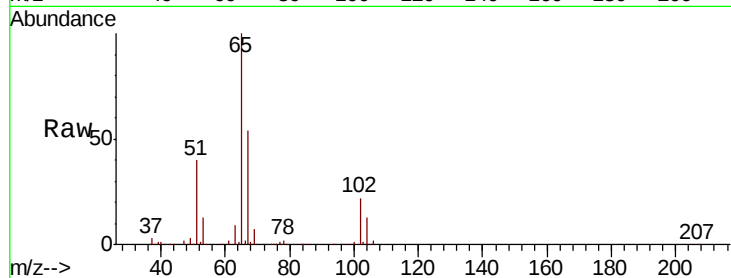




#33
 1,2-Dichloroethane-d4
 Concen: 54.164 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014748.D
 Acq: 24 Jan 2020 16:59

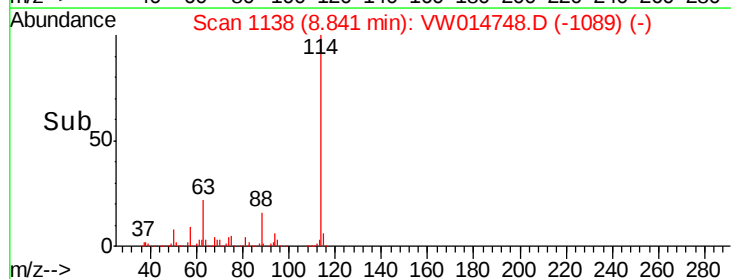
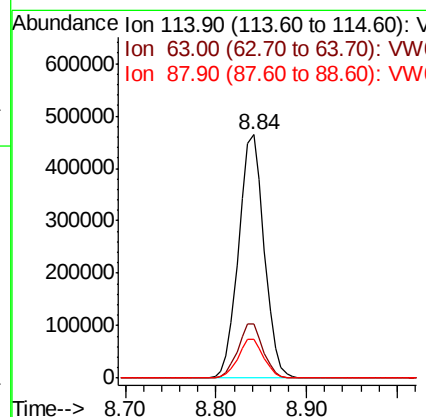
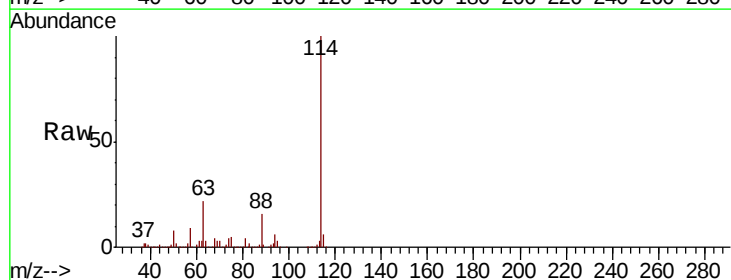
Instrument :
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 ClientSampleId :
 JC-03-012320-C

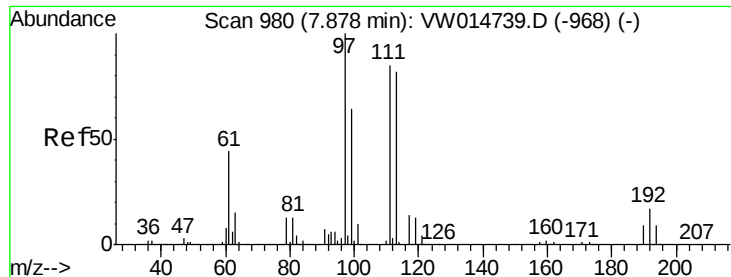
Tot Ion: 65 Resp: 284109
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014748.D
 Acq: 24 Jan 2020 16:59

Tgt Ion: 114 Resp: 907187
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 41.2
 88 15.9 0.0 32.2

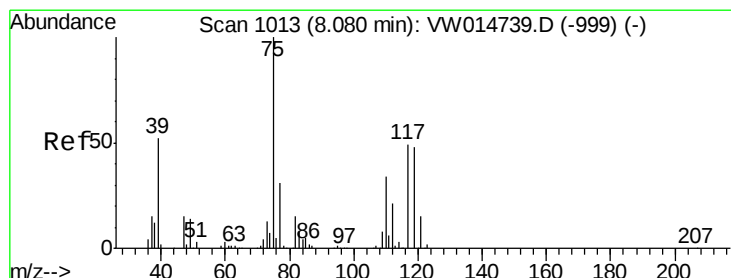
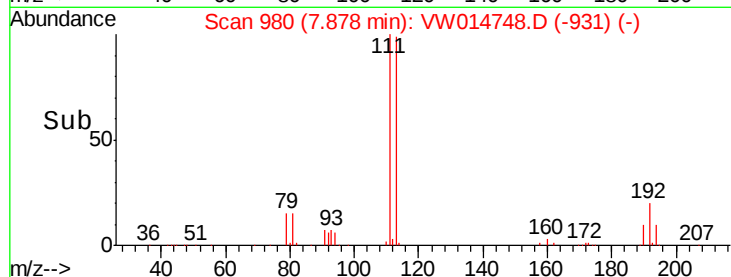
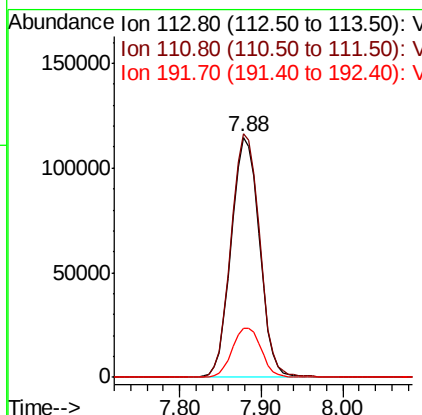
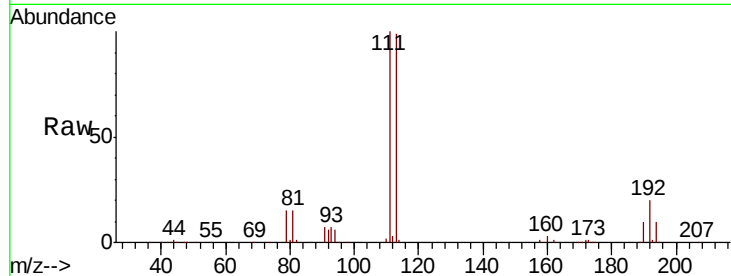




#35
 Dibromofluoromethane
 Concen: 51.818 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014748.D
 Acq: 24 Jan 2020 16:59

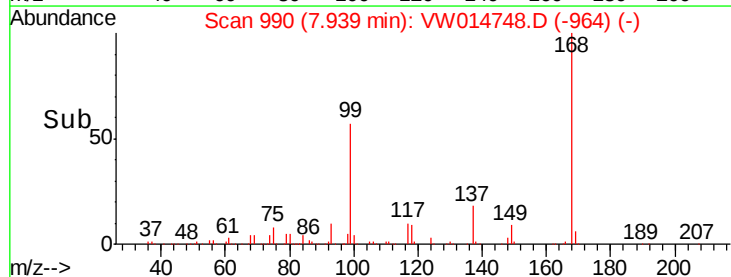
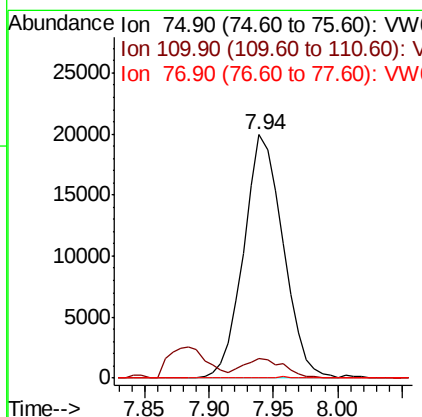
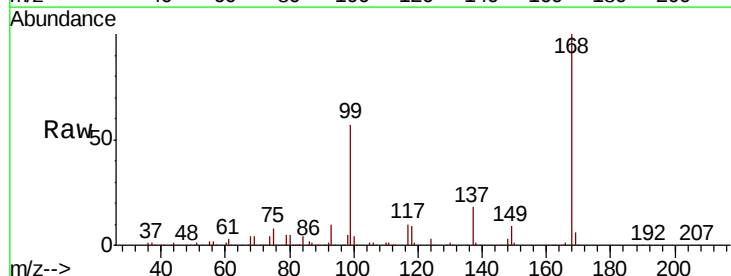
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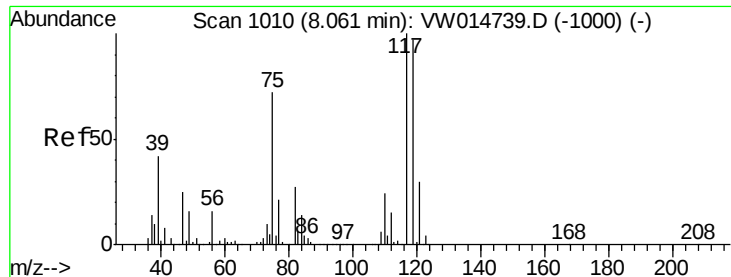
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	21.1	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.594 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014748.D
 Acq: 24 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.1	51.2#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.542 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW014748.D

Acq: 24 Jan 2020 16:59

Instrument :

MSVOA_W

ClientSampleId :

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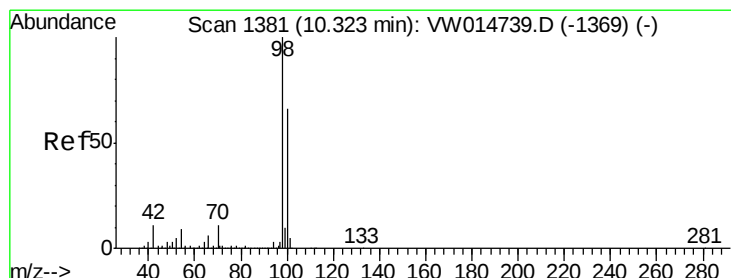
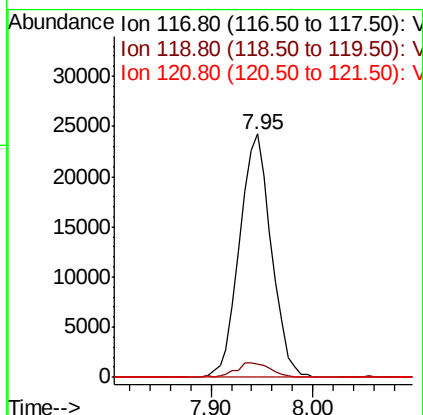
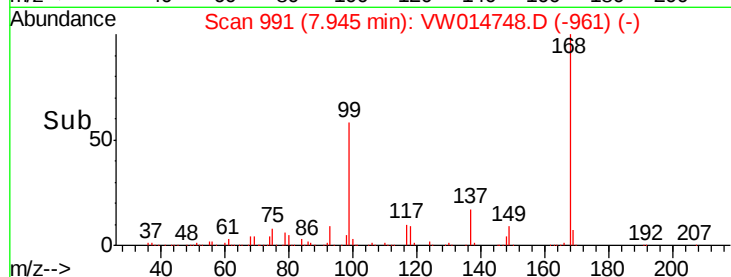
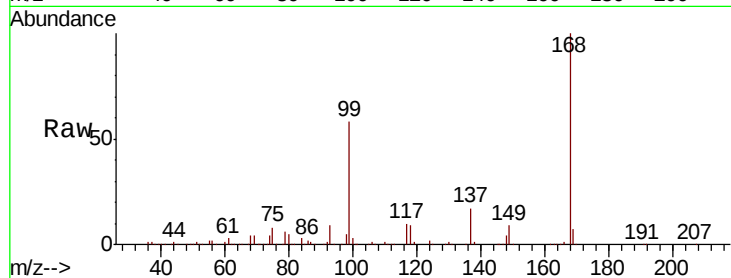
Tot Ion:117 Resp: 52416

Ion Ratio Lower Upper

117 100

119 5.6 77.5 116.3#

121 0.0 24.3 36.5#



#50

Toluene-d8

Concen: 48.808 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014748.D

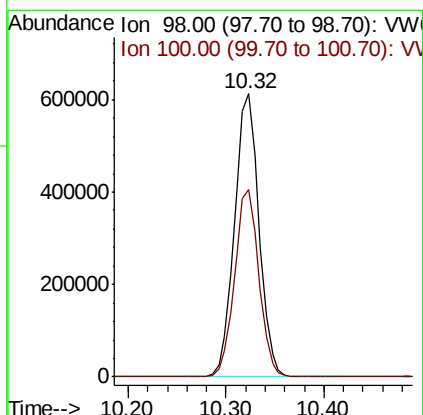
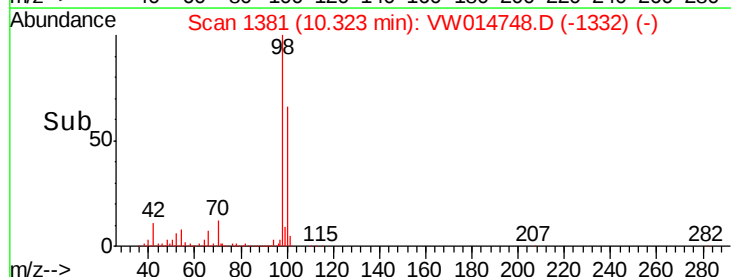
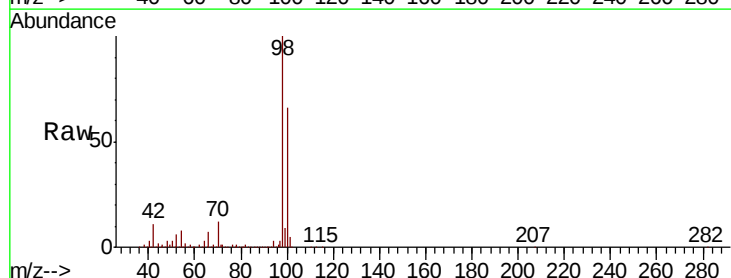
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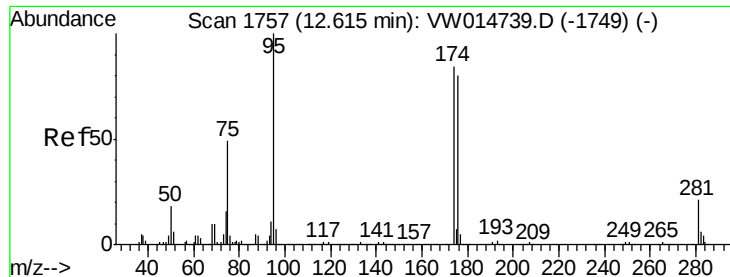
Tgt Ion: 98 Resp: 1062784

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0

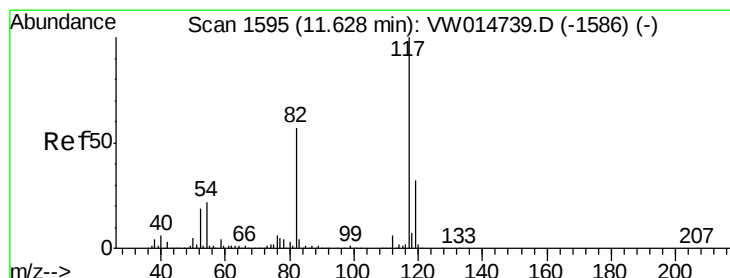
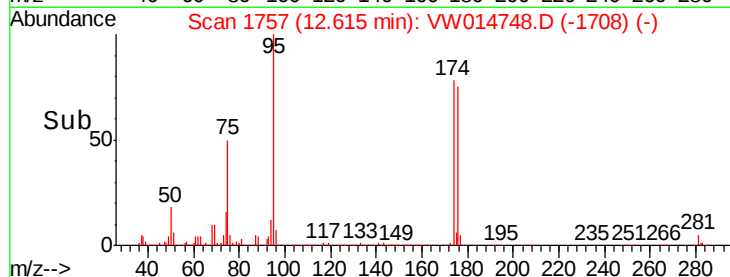
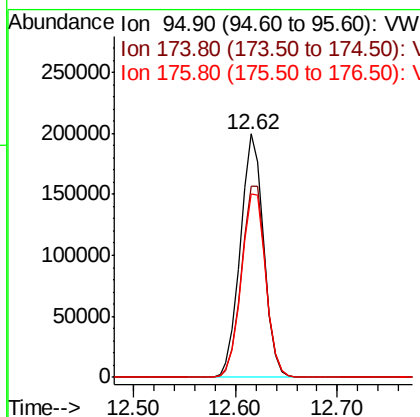
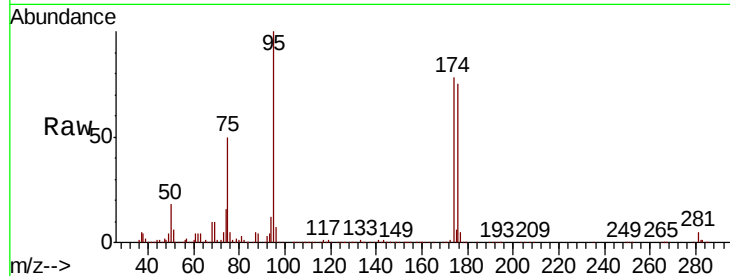




#62
4-Bromofluorobenzene
Concen: 43.234 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014748.D
Acq: 24 Jan 2020 16:59

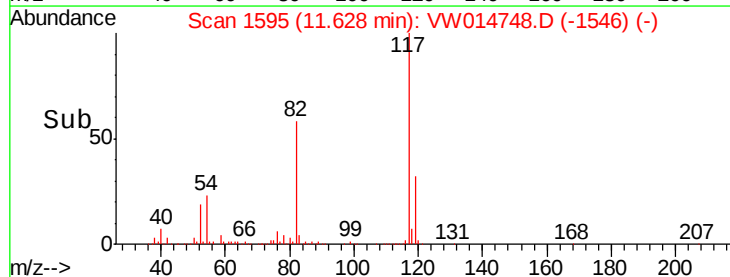
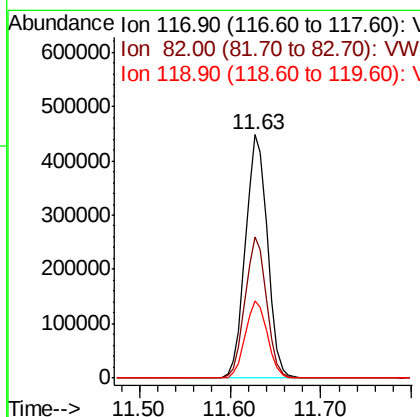
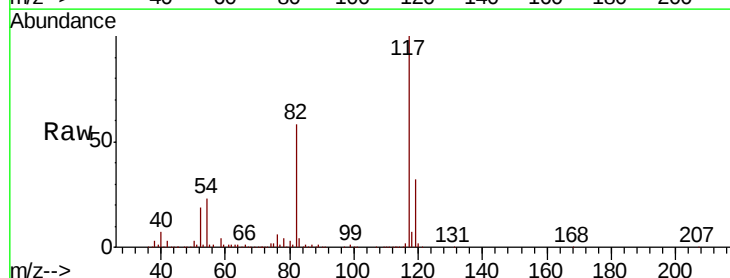
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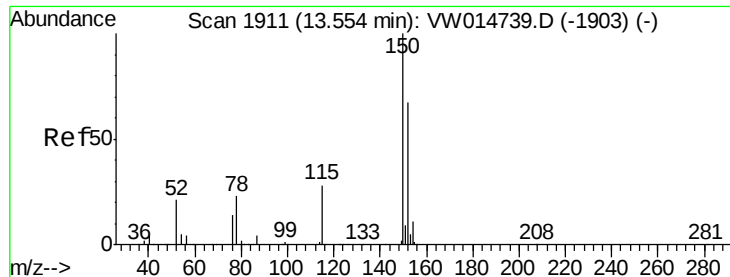
Tot Ion: 95 Resp: 314757
Ion Ratio Lower Upper
95 100
174 81.5 0.0 163.0
176 78.9 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014748.D
Acq: 24 Jan 2020 16:59

Tgt Ion: 117 Resp: 751723
Ion Ratio Lower Upper
117 100
82 57.7 45.9 68.9
119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014748.D

Acq: 24 Jan 2020 16:59

Instrument :

MSVOA_W

ClientSampleId :

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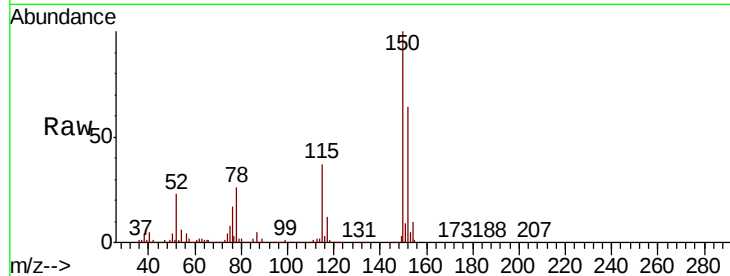
Tot Ion:152 Resp: 296032

Ion Ratio Lower Upper

152 100

115 57.2 29.0 87.1

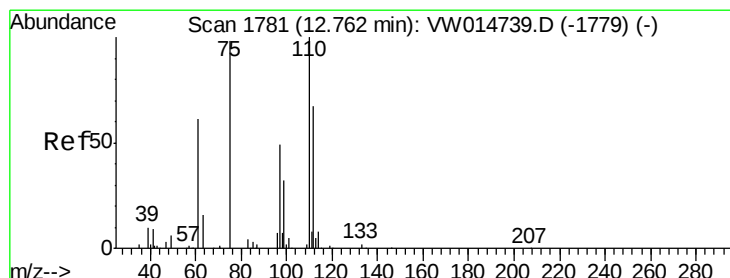
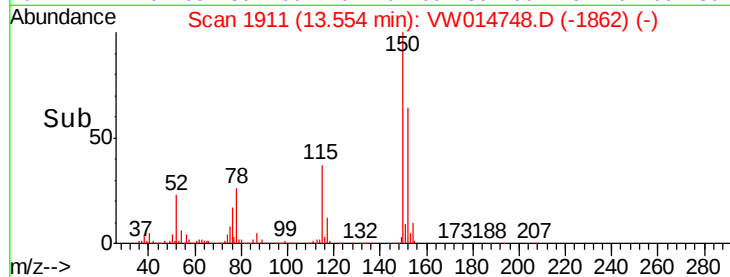
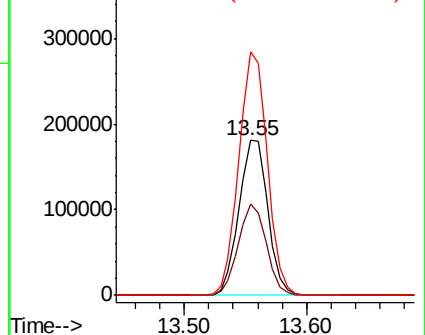
150 154.9 0.0 354.0



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



#76

1,2,3-Trichloropropane

Concen: 53.681 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014748.D

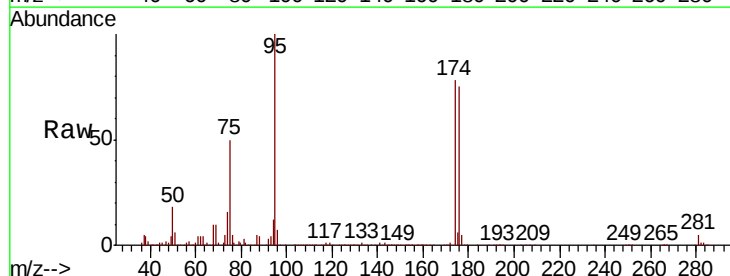
Acq: 24 Jan 2020 16:59

Tgt Ion: 75 Resp: 157778

Ion Ratio Lower Upper

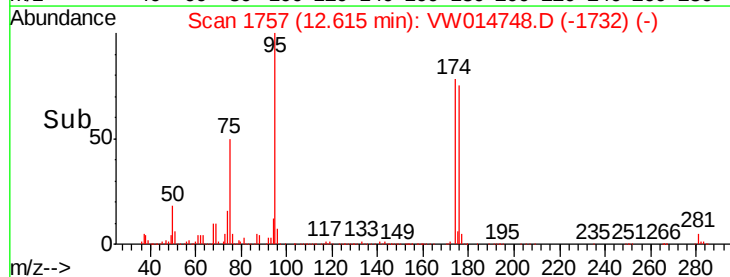
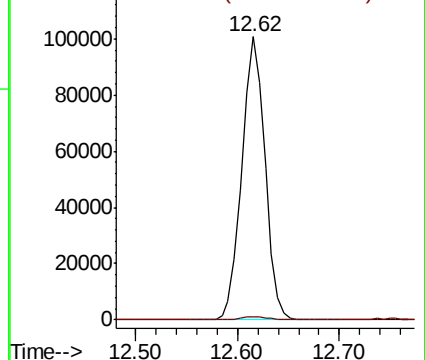
75 100

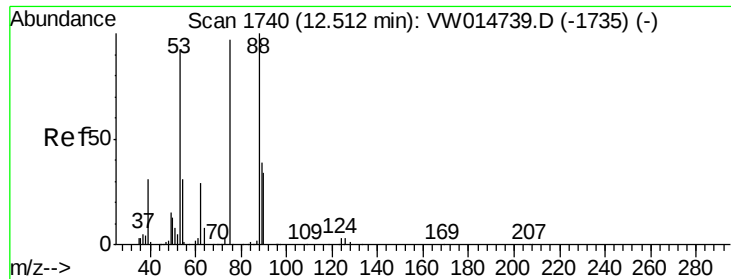
77 1.5 167.9 503.9#



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: 127.048 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014748.D

Acq: 24 Jan 2020 16:59

Instrument :

MSVOA_W

ClientSampleId :

JC-03-012320-C

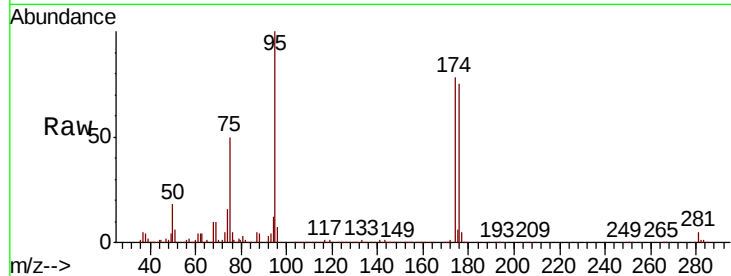
Tot Ion: 75 Resp: 157778

Ion Ratio Lower Upper

75 100

53 0.3 77.0 115.4#

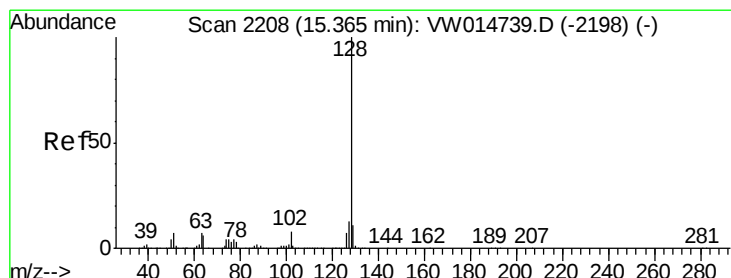
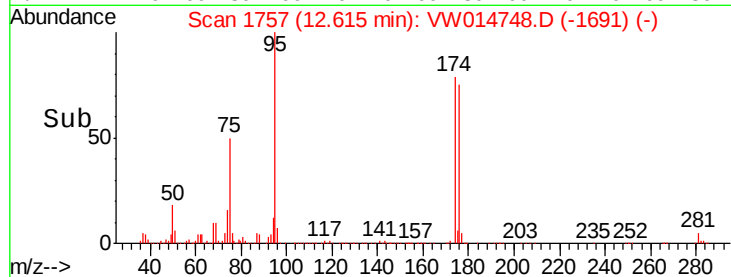
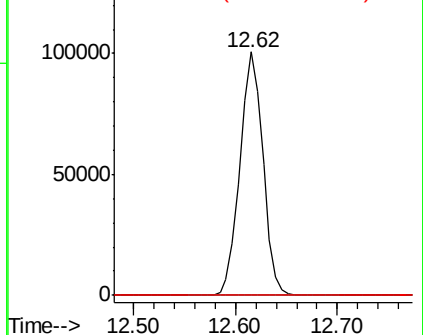
89 0.1 35.2 52.8#



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: 1.624 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014748.D

Acq: 24 Jan 2020 16:59

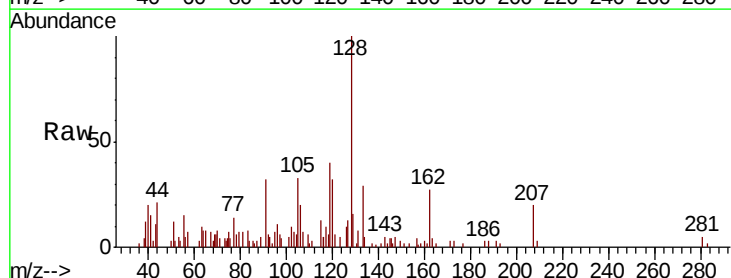
Tgt Ion: 128 Resp: 6585

Ion Ratio Lower Upper

128 100

127 11.2 10.6 15.8

129 10.0 8.8 13.2



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

