

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013390.D
 Acq On : 02 Oct 2019 20:22
 Operator : SY/VA
 Sample : K5158-01
 Misc : 5.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF

Quant Time: Oct 03 07:04:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	327052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	488517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	173566	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	137270	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
35) Dibromofluoromethane	7.88	113	136942	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
50) Toluene-d8	10.32	98	564262	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.62	95	172906	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	

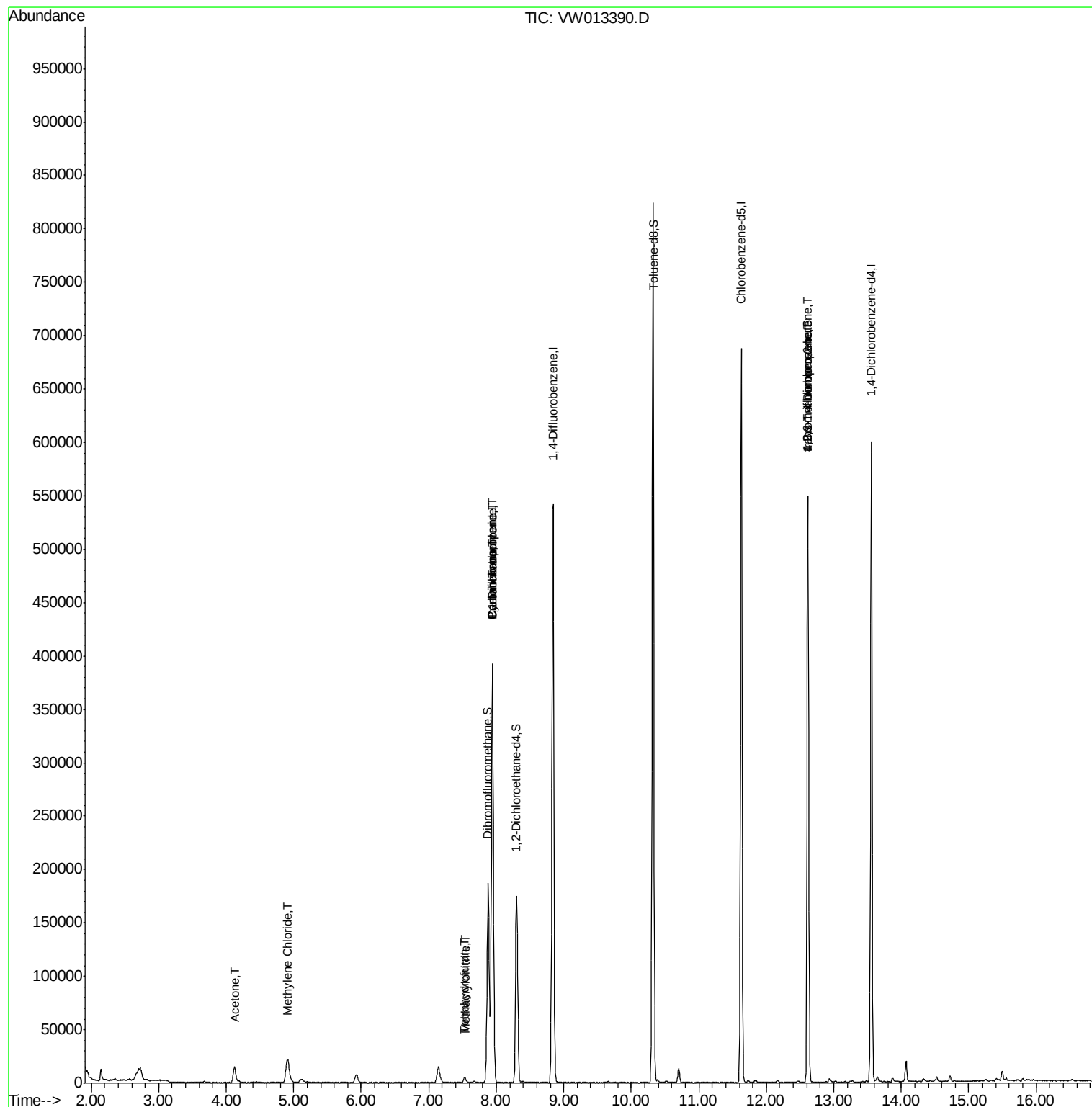
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.10	59	2988	Below Cal	#	73
16) Acetone	4.12	43	27926	37.308	ug/l	96
20) Methylene Chloride	4.90	84	20629	4.990	ug/l	98
26) 2,2-Dichloropropane	7.14	77	1215	Below Cal	#	52
29) Tetrahydrofuran	7.53	42	4140	16.837	ug/l	94
31) Cyclohexane	7.95	56	5598	1.002	ug/l	# 1
36) 1,1-Dichloropropene	7.95	75	20607	4.542	ug/l	# 49
38) Carbon Tetrachloride	7.95	117	27470	6.989	ug/l	# 17
41) Methacrylonitrile	7.54	41	2584	2.140	ug/l	# 48
76) 1,2,3-Trichloropropane	12.62	75	80043	51.888	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	80043	105.271	ug/l	# 12

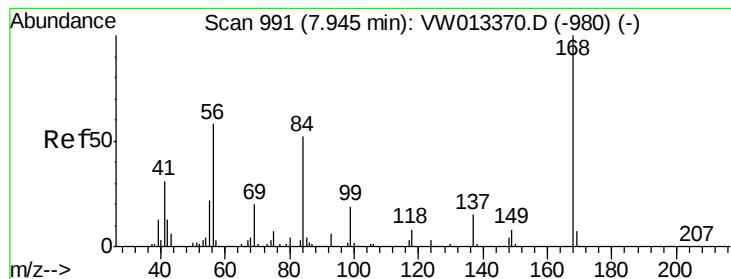
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013390.D

Acq: 02 Oct 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

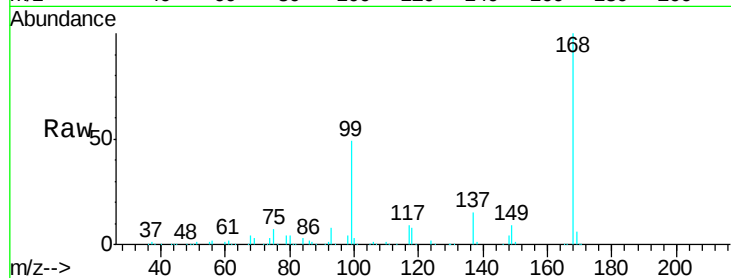
ROLL-OFF

Tgt Ion:168 Resp: 327052

Ion Ratio Lower Upper

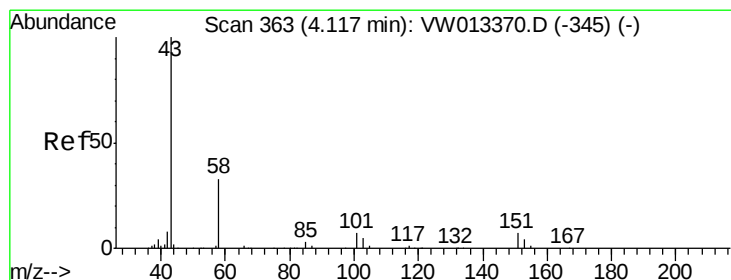
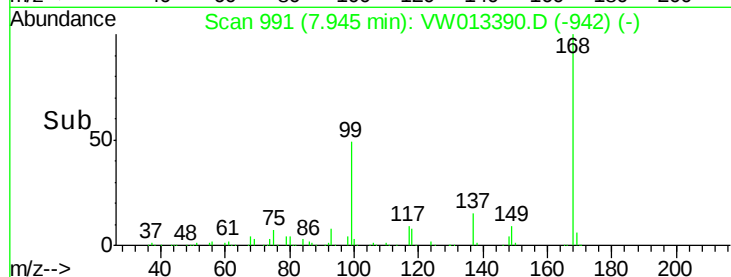
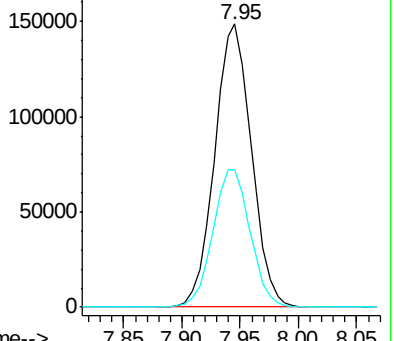
168 100

99 48.7 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 37.308 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013390.D

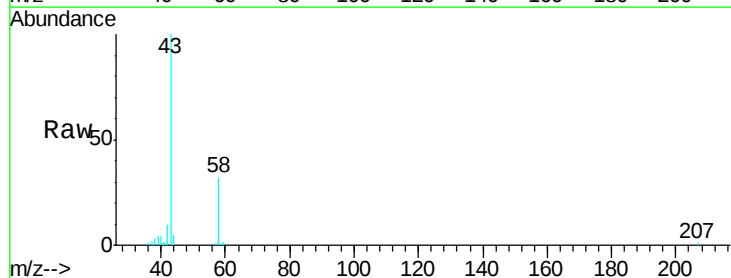
Acq: 02 Oct 2019 20:22

Tgt Ion: 43 Resp: 27926

Ion Ratio Lower Upper

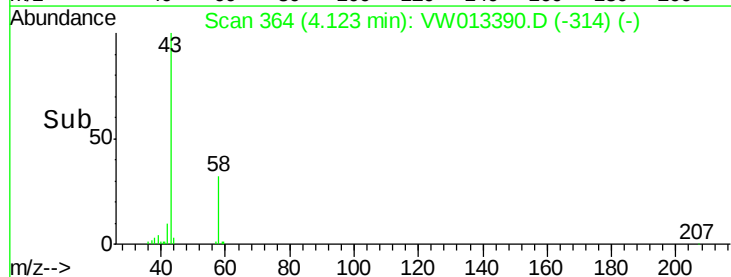
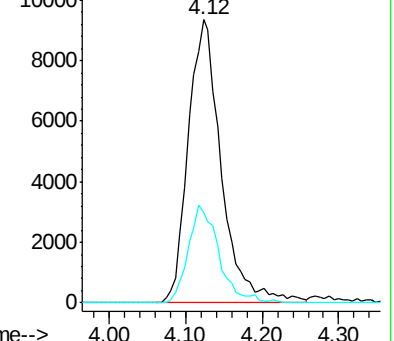
43 100

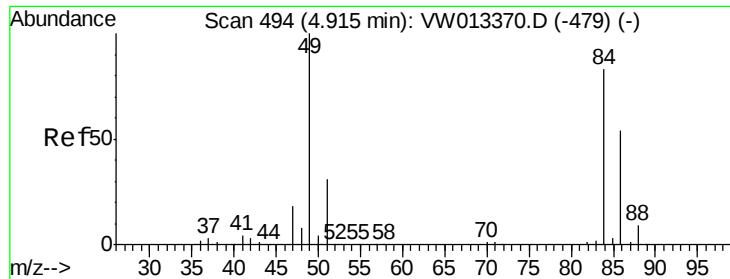
58 32.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

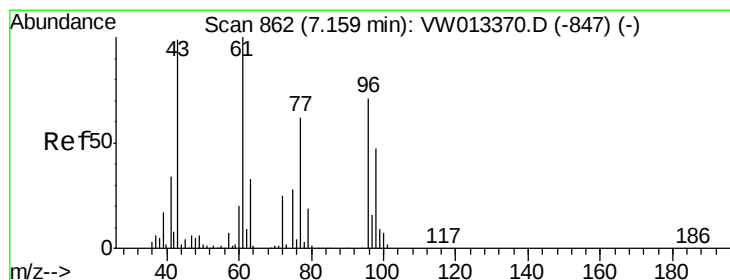
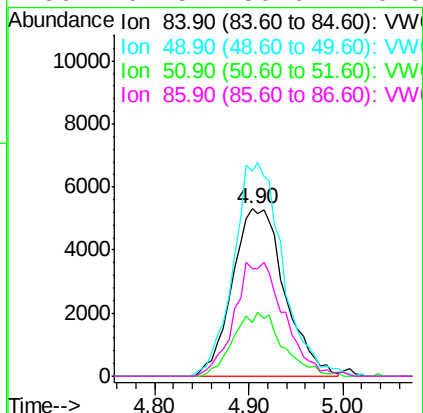
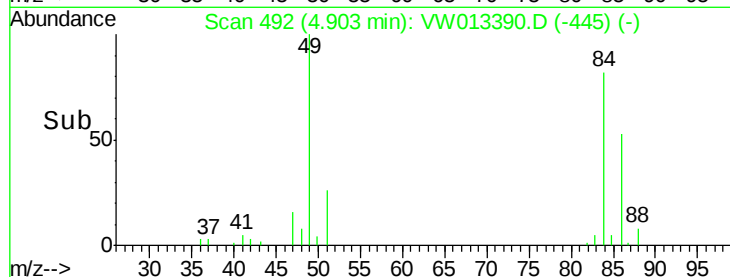
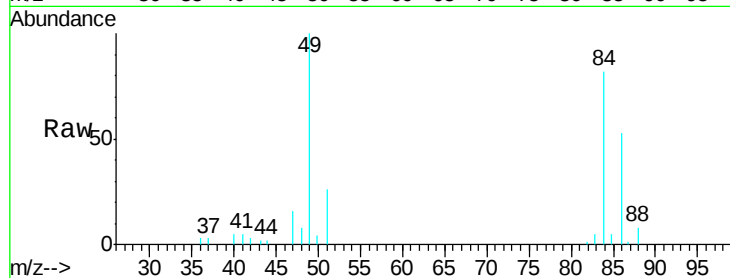




#20
Methylene Chloride
Concen: 4.990 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

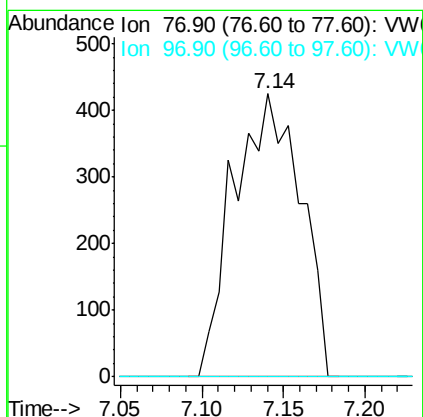
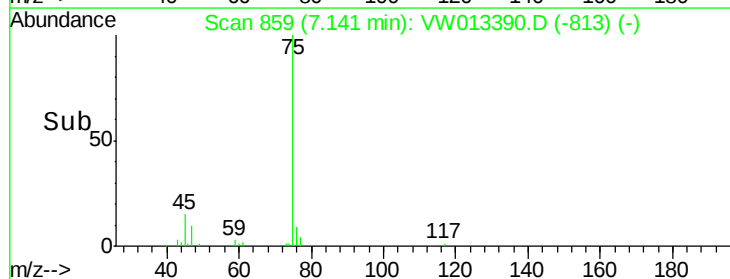
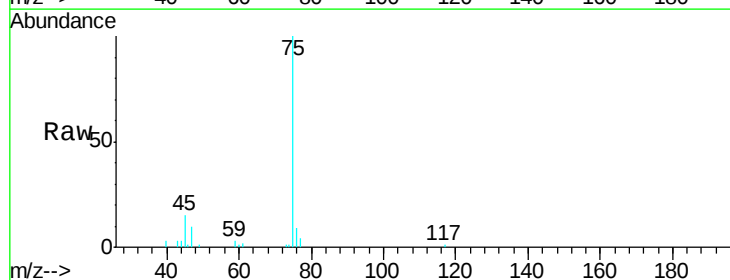
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF

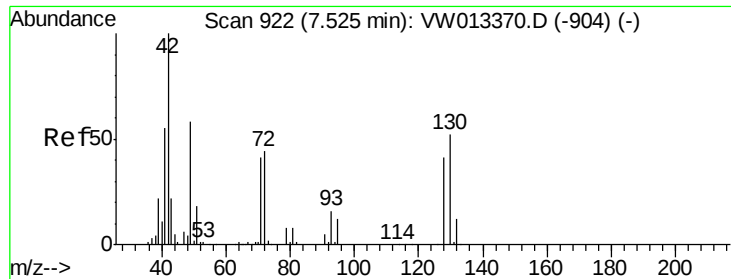
Tgt Ion:	84	Resp:	20629
Ion	Ratio	Lower	Upper
84	100		
49	122.4	97.6	146.4
51	32.2	30.2	45.2
86	64.5	50.6	76.0



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

Tgt Ion:	77	Resp:	1215
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.8	35.4#

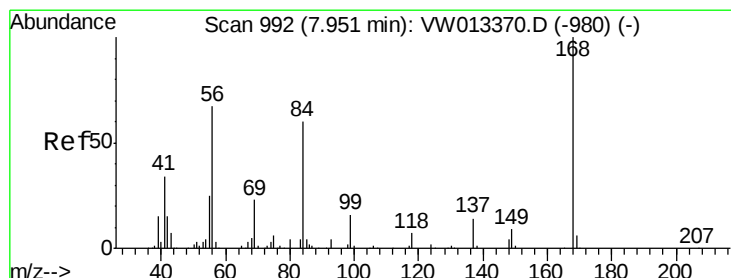
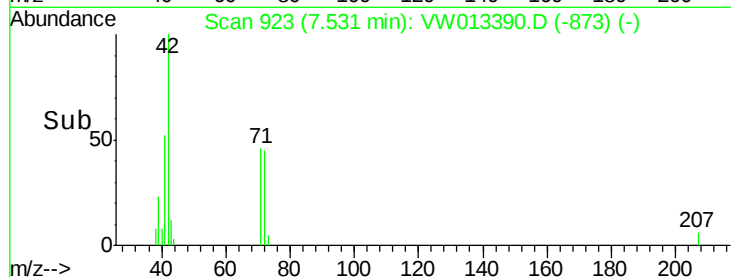
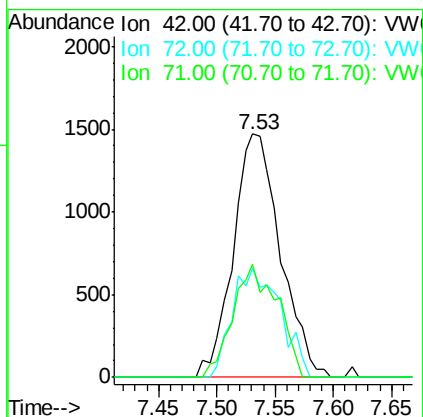
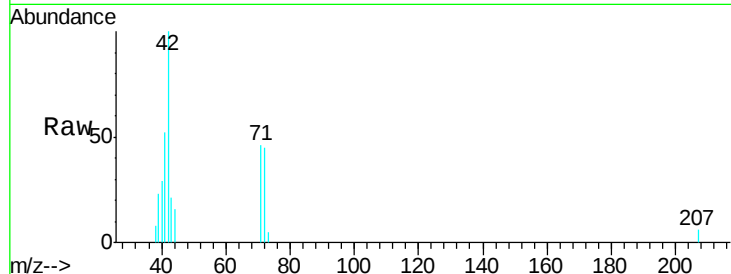




#29
Tetrahydrofuran
Concen: 16.837 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

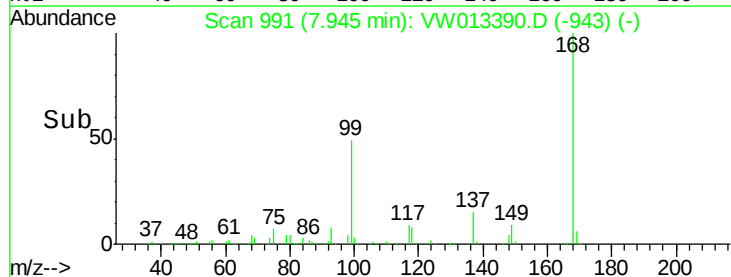
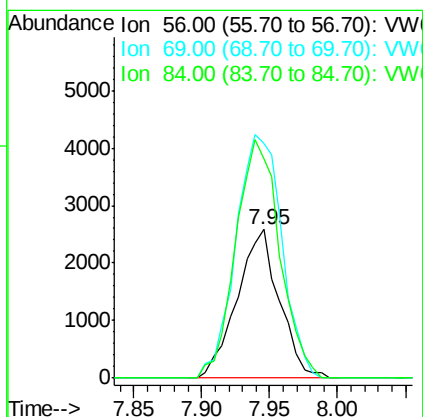
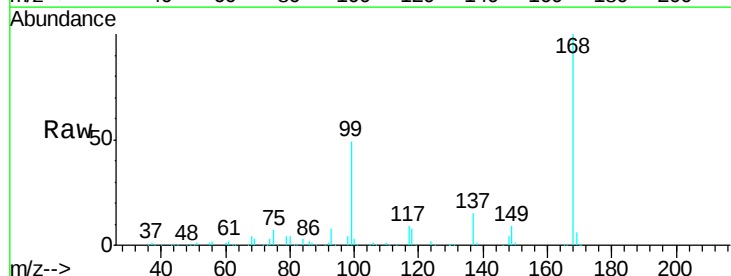
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF

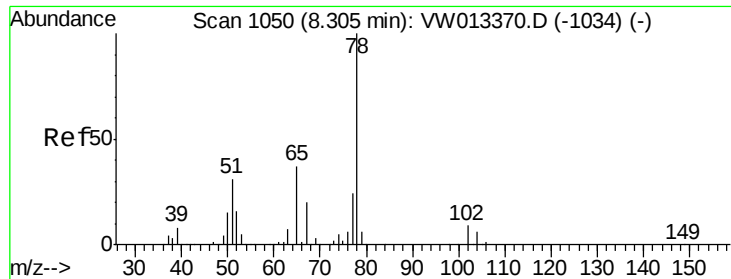
Tgt Ion: 42 Resp: 4140
Ion Ratio Lower Upper
42 100
72 45.4 33.9 50.9
71 44.0 31.9 47.9



#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

Tgt Ion: 56 Resp: 5598
Ion Ratio Lower Upper
56 100
69 157.9 27.2 40.8#
84 147.5 70.8 106.2#





#33

1,2-Dichloroethane-d4

Concen: 56.212 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013390.D

Acq: 02 Oct 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

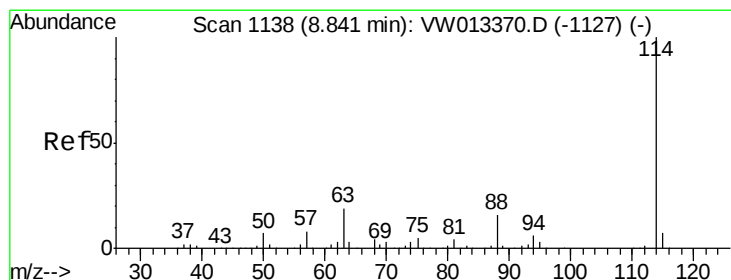
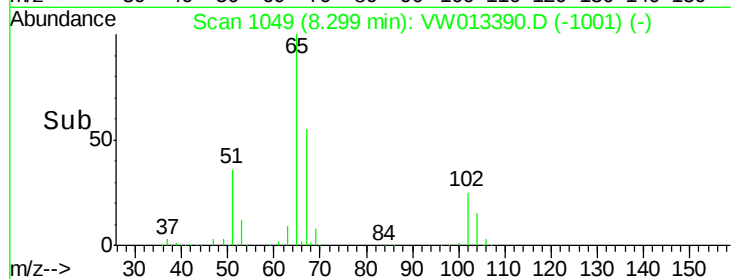
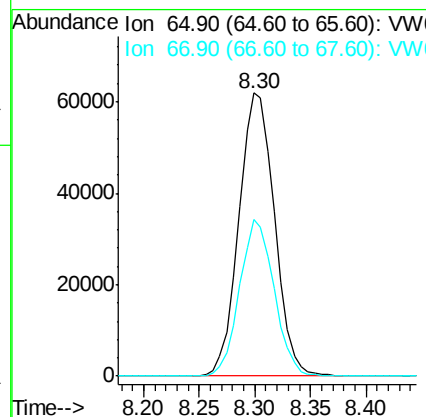
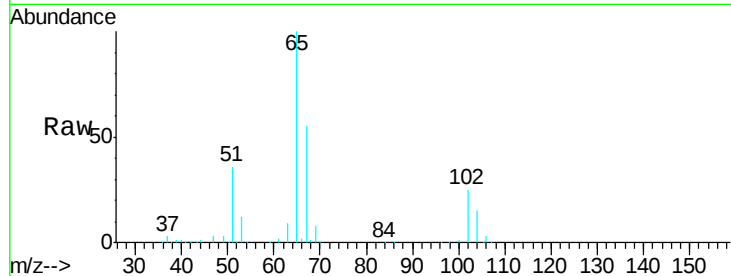
ROLL-OFF

Tgt Ion: 65 Resp: 137270

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013390.D

Acq: 02 Oct 2019 20:22

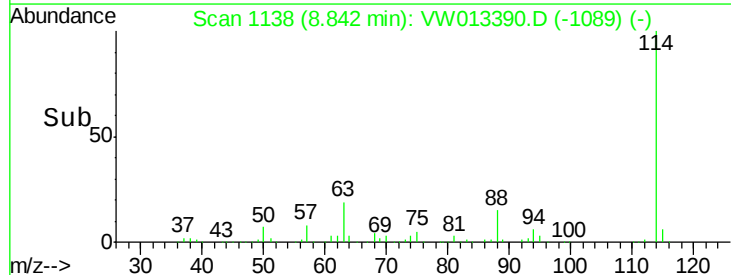
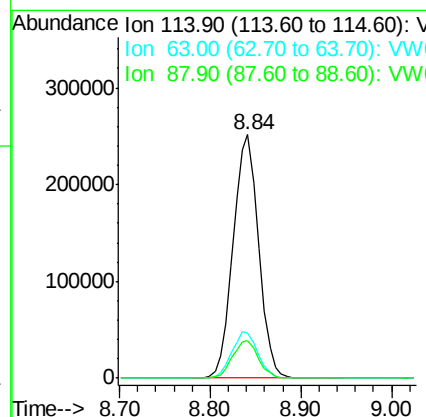
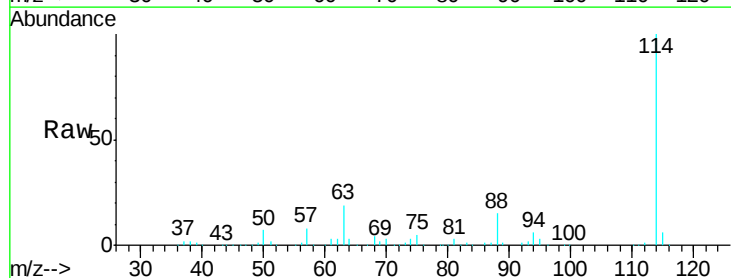
Tgt Ion: 114 Resp: 488517

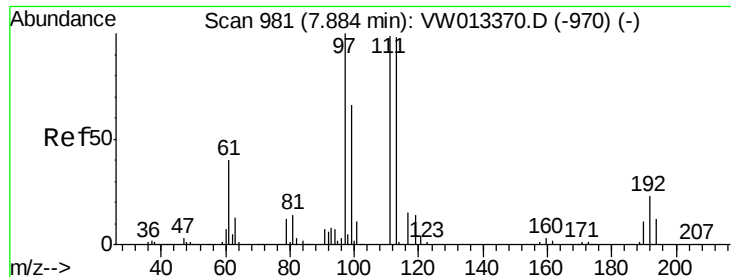
Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

88 15.4 0.0 32.0

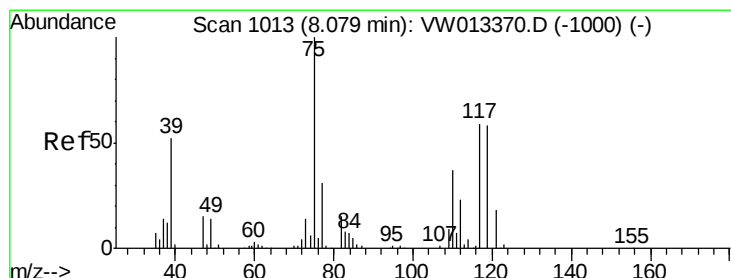
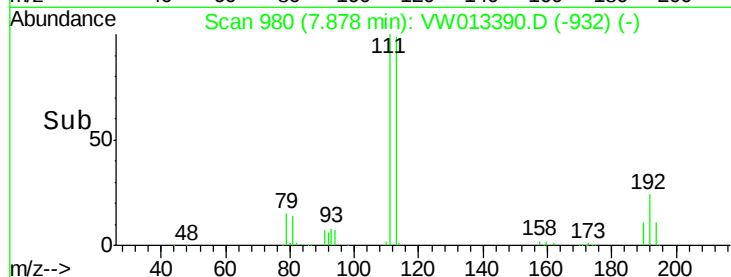
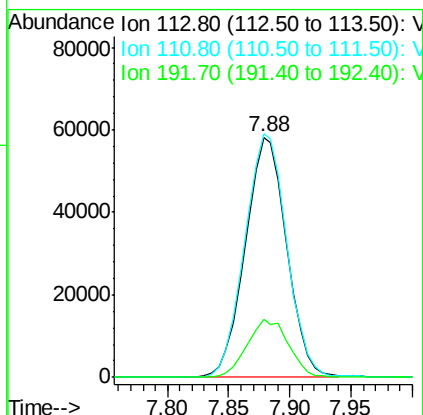
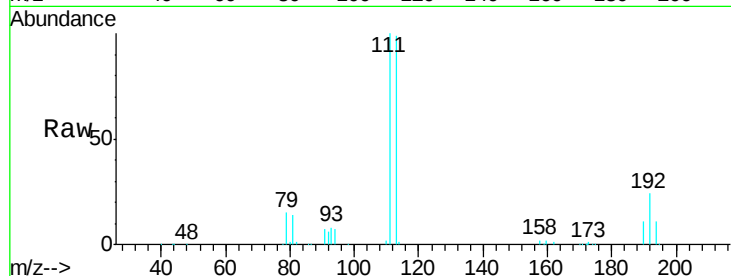




#35
Dibromofluoromethane
Concen: 53.423 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

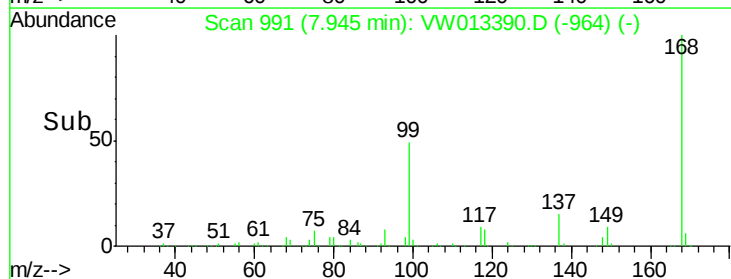
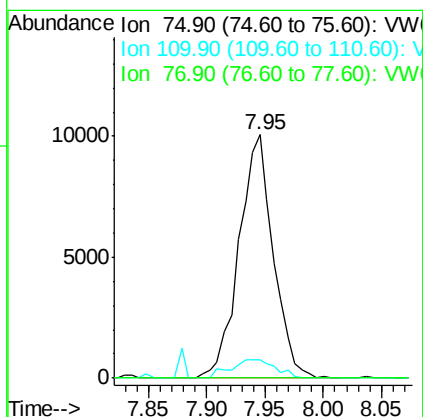
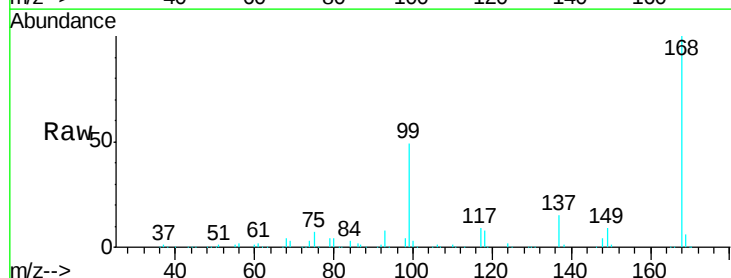
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ROLL-OFF

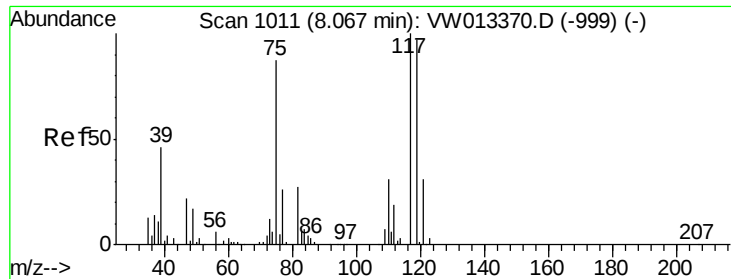
Tgt Ion:113 Resp: 136942
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 24.1 19.1 28.7



#36
1,1-Dichloropropene
Concen: 4.542 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

Tgt Ion: 75 Resp: 20607
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.3#
77 0.0 25.8 38.6#

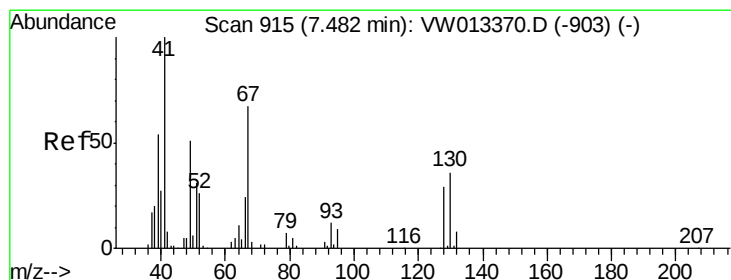
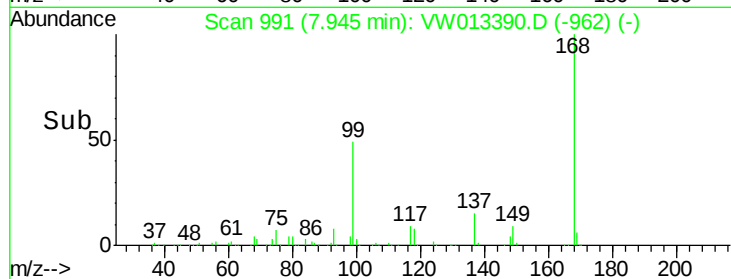
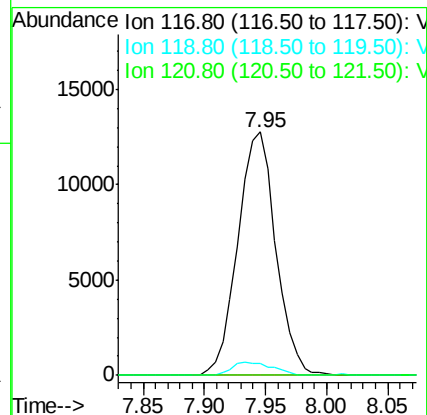
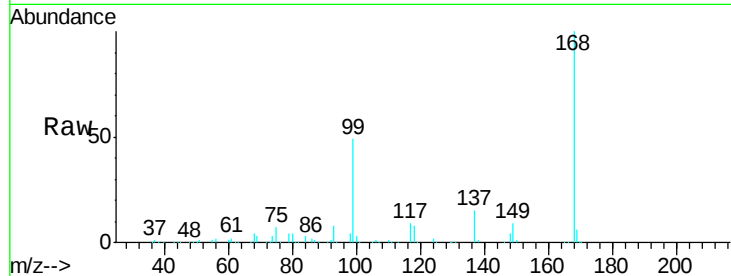




#38
Carbon Tetrachloride
Concen: 6.989 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

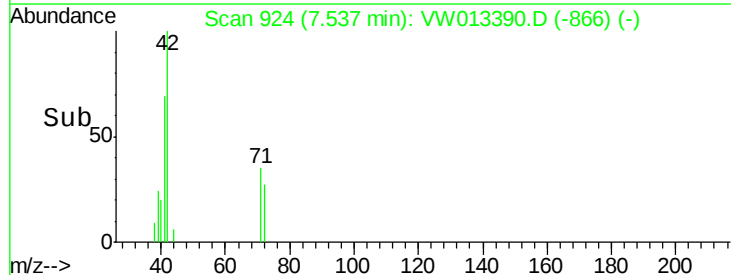
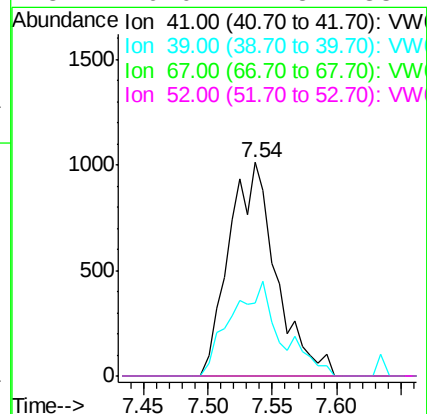
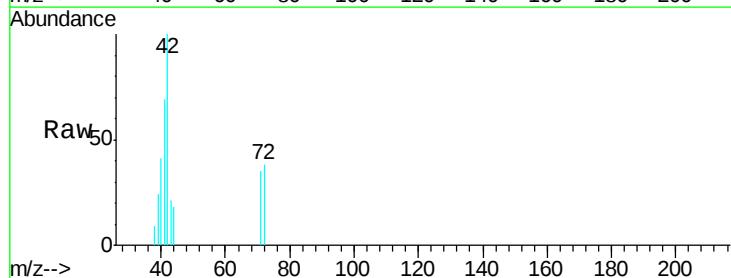
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ROLL-OFF

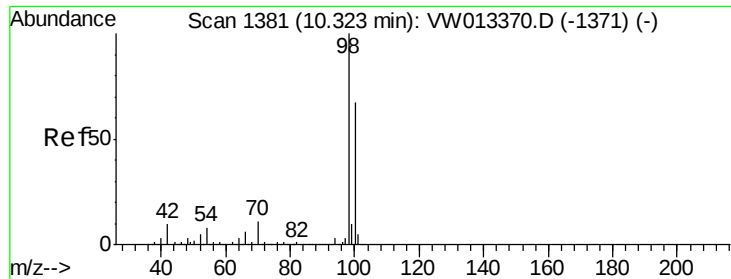
Tgt Ion: 117 Resp: 27470
Ion Ratio Lower Upper
117 100
119 4.7 73.5 110.3#
121 0.0 25.0 37.6#



#41
Methacrylonitrile
Concen: 2.140 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.06 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

Tgt Ion: 41 Resp: 2584
Ion Ratio Lower Upper
41 100
39 46.8 45.9 68.9
67 0.0 54.5 81.7#
52 0.0 22.5 33.7#

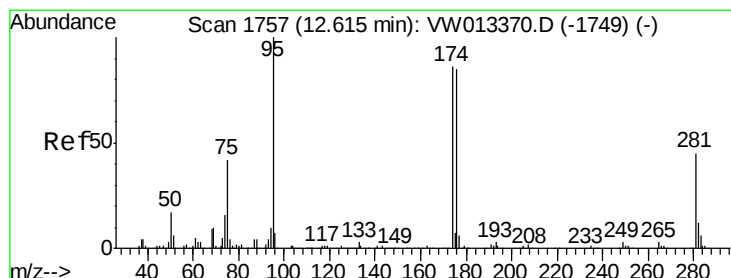
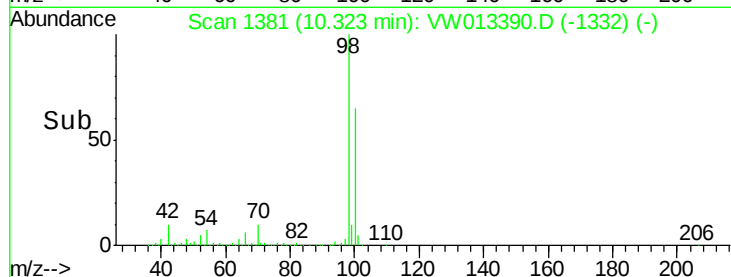
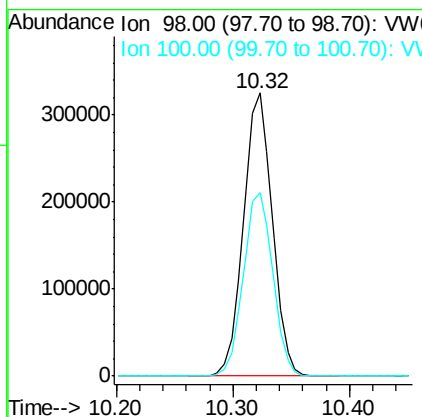
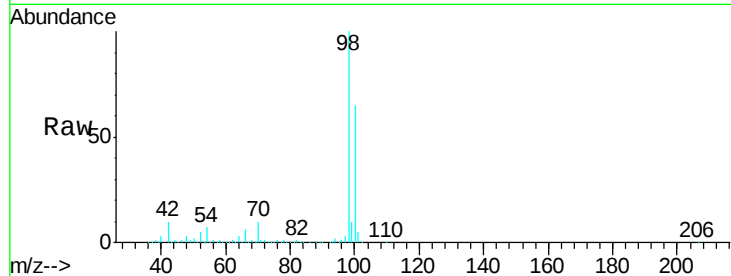




#50
Toluene-d8
Concen: 53.045 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

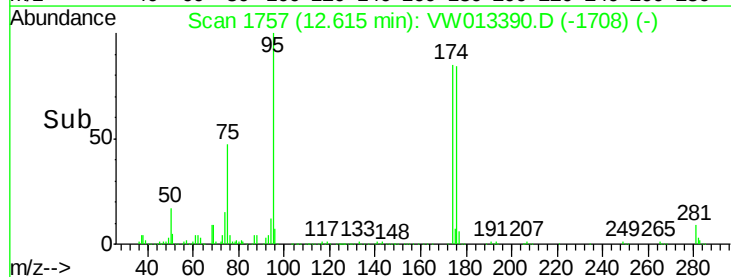
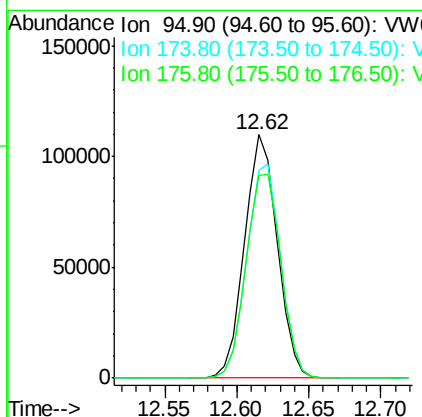
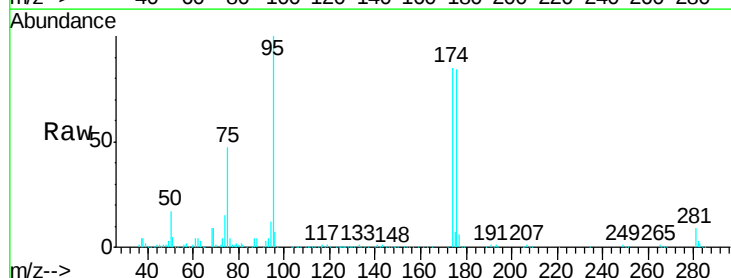
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF

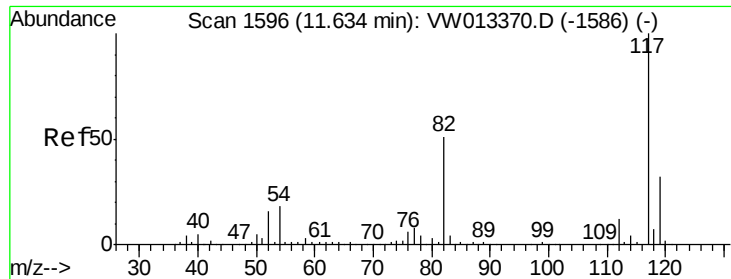
Tgt Ion: 98 Resp: 564262
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.675 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

Tgt Ion: 95 Resp: 172906
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.4
176 88.9 0.0 172.2

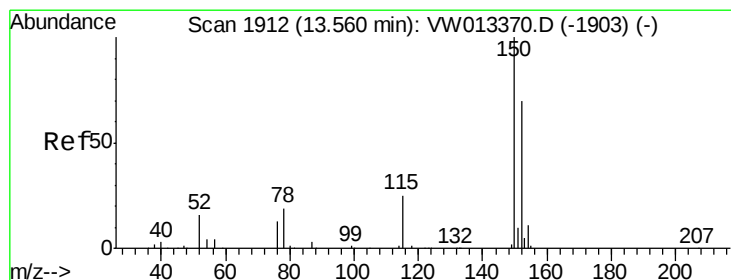
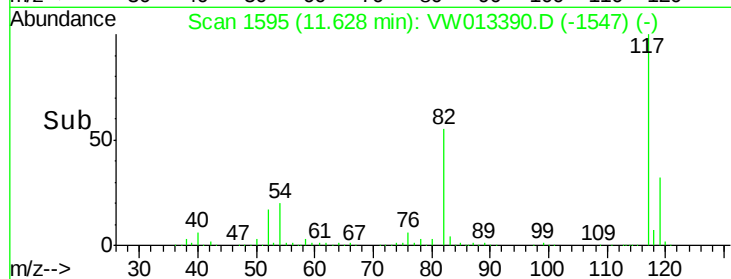
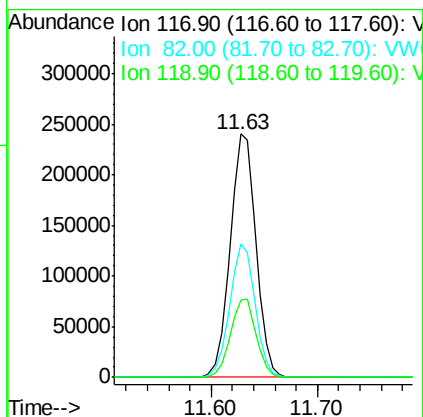
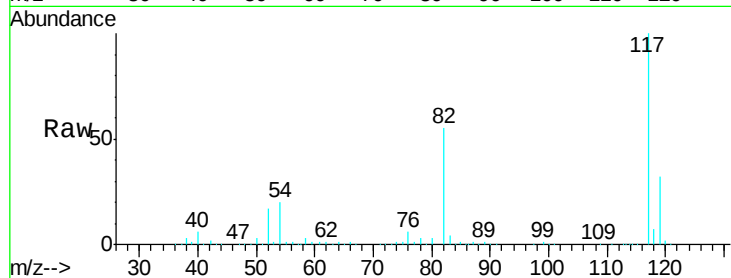




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

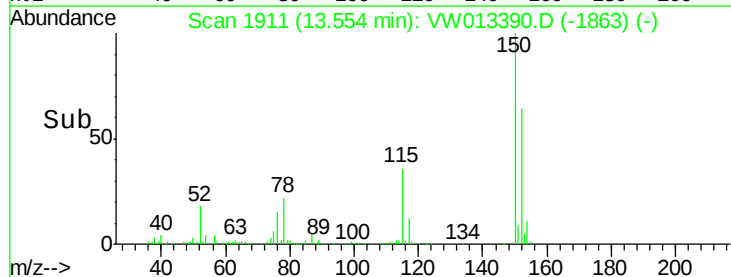
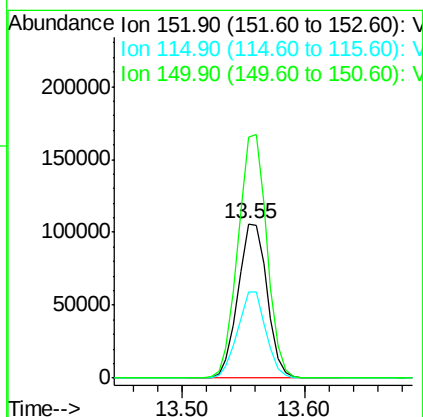
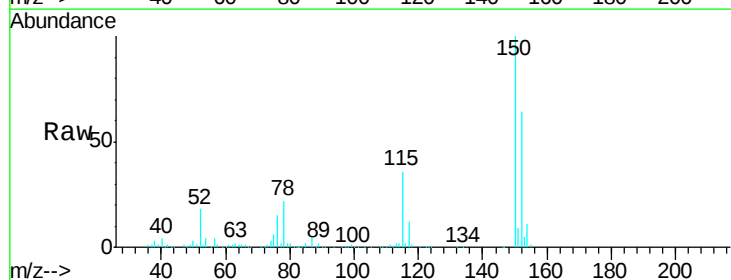
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF

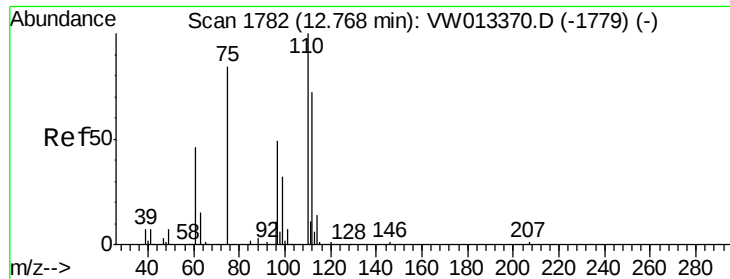
Tgt Ion:117 Resp: 408793
Ion Ratio Lower Upper
117 100
82 54.8 45.9 68.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013390.D
Acq: 02 Oct 2019 20:22

Tgt Ion:152 Resp: 173566
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 156.9 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 51.888 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013390.D

Acq: 02 Oct 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

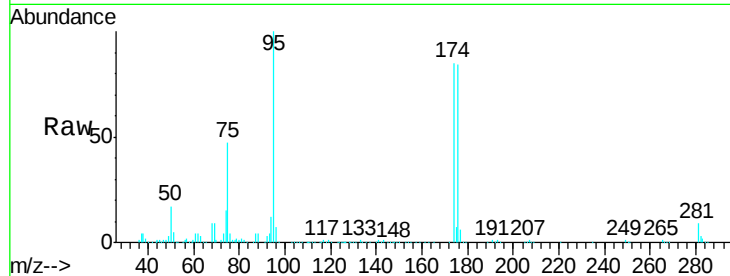
ROLL-OFF

Tgt Ion: 75 Resp: 80043

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

60000

50000

40000

30000

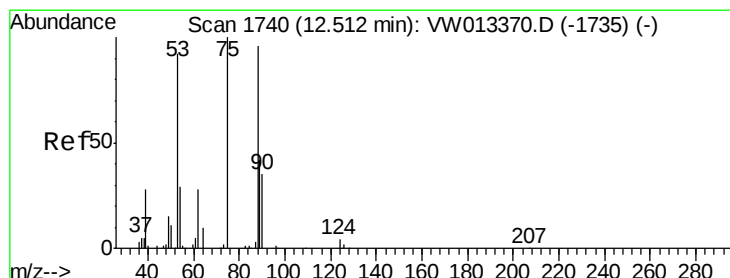
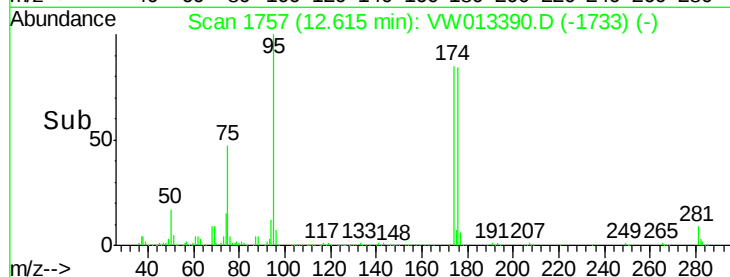
20000

10000

0

12.55 12.60 12.65 12.70

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 105.271 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013390.D

Acq: 02 Oct 2019 20:22

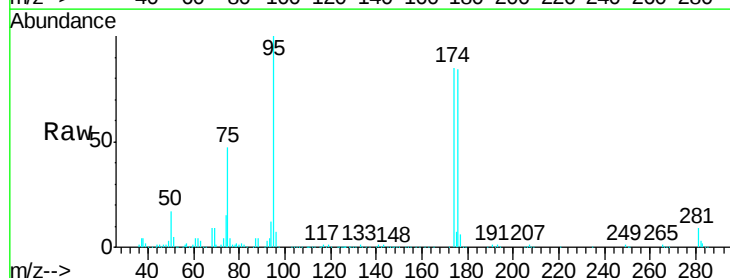
Tgt Ion: 75 Resp: 80043

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.1 33.5 50.3#



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

12.62

60000

40000

20000

0

12.55 12.60 12.65 12.70

Time-->

