

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011410.D
 Acq On : 20 Jul 2019 07:56
 Operator : SY/VA
 Sample : K3615-01
 Misc : 6.31G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-A

Quant Time: Jul 22 01:00:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128988	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	166787	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	7.88	113	128827	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.32	98	522357	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.61	95	156648	41.44	ug/l	0.00
Spiked Amount			Recovery	=	82.88%	

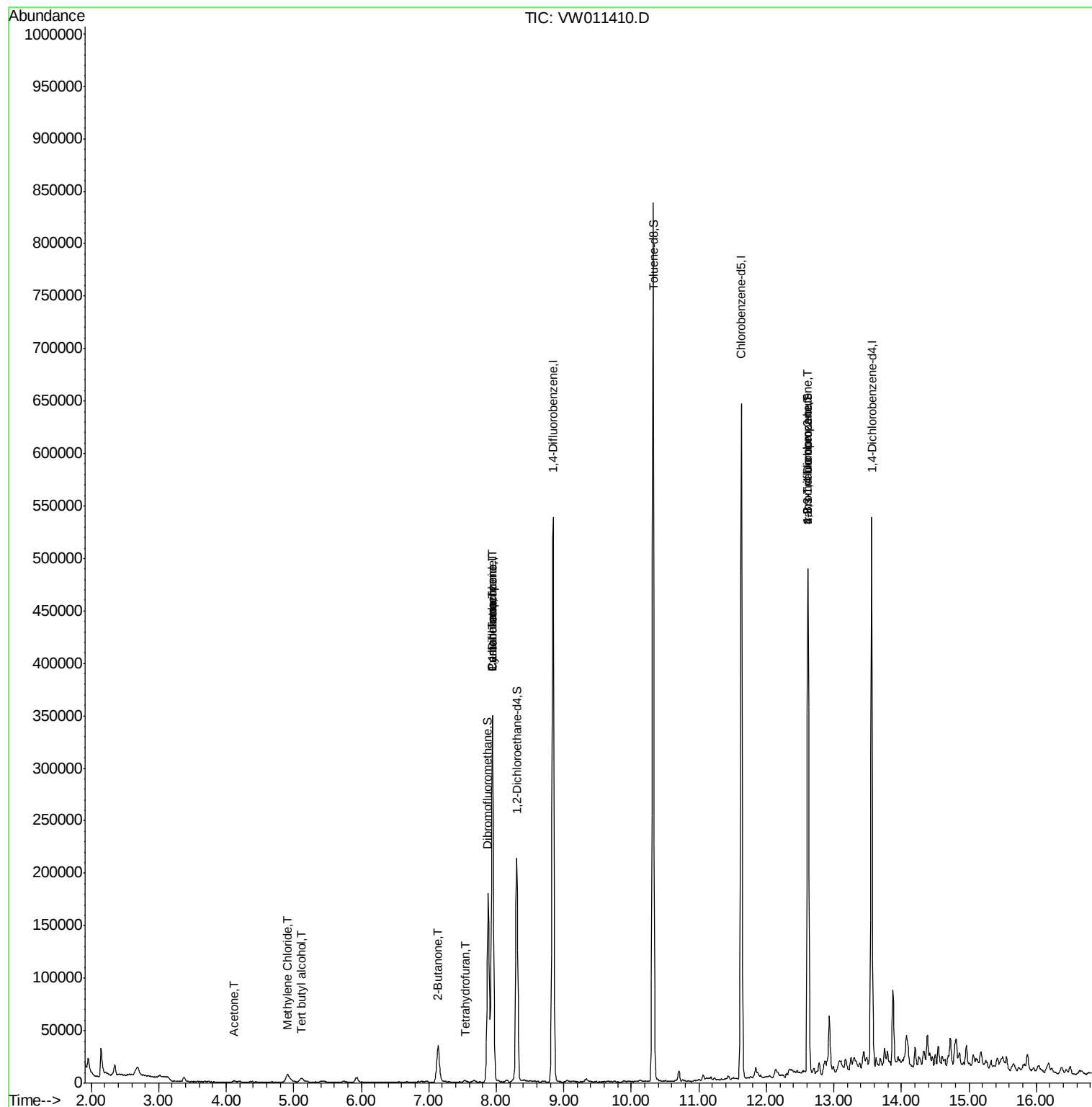
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	4608	19.123	ug/l #	70
16) Acetone	4.12	43	2566	3.277	ug/l #	80
18) Methyl Acetate	4.65	43	271	Below Cal	#	57
20) Methylene Chloride	4.91	84	4784	1.549	ug/l	95
25) 2-Butanone	7.14	43	2095	1.704	ug/l #	78
29) Tetrahydrofuran	7.55	42	1074	1.332	ug/l #	76
31) Cyclohexane	7.95	56	6805	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	22132	4.855	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25952	6.716	ug/l #	15
76) 1,2,3-Trichloropropane	12.61	75	83528	56.036	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	83528	126.742	ug/l #	6

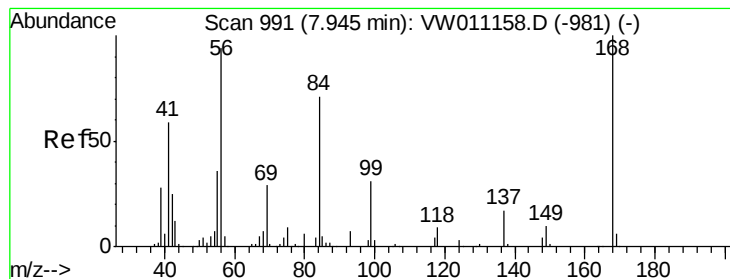
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011410.D

Acq: 20 Jul 2019 07:56

Instrument :

MSVOA_W

ClientSampleId :

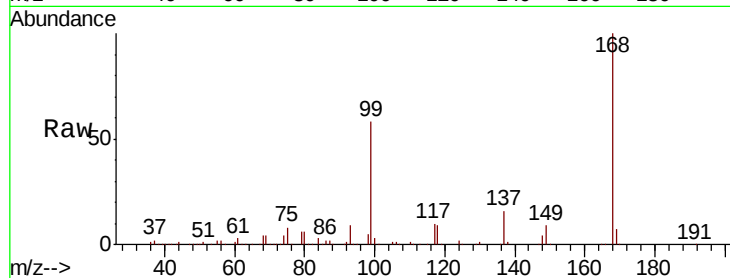
HR-06-071719-A

Tot Ion:168 Resp: 259022

Ion Ratio Lower Upper

168 100

99 58.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

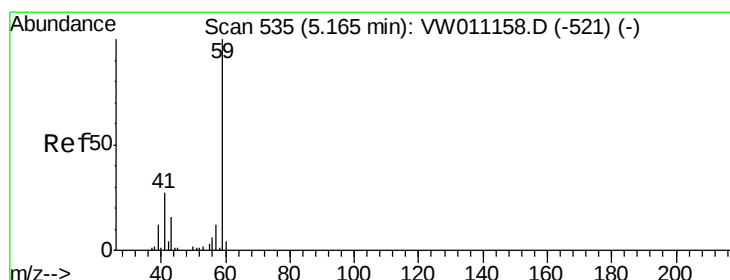
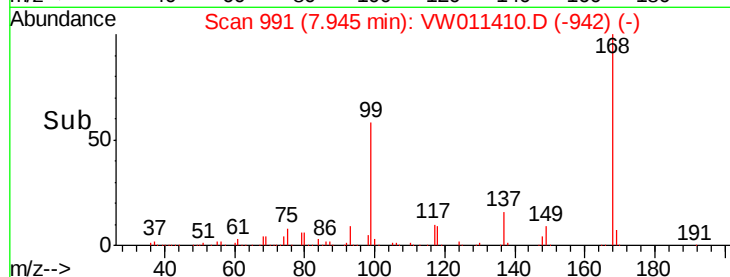
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 19.123 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW011410.D

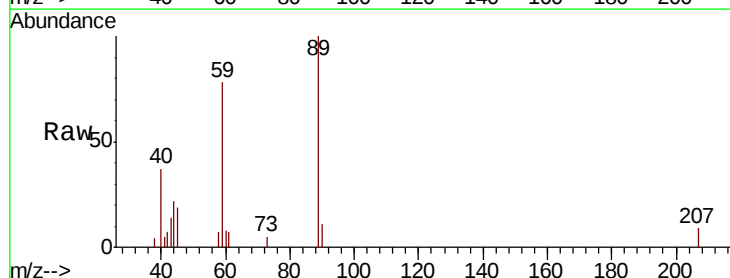
Acq: 20 Jul 2019 07:56

Tgt Ion: 59 Resp: 4608

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

1000

800

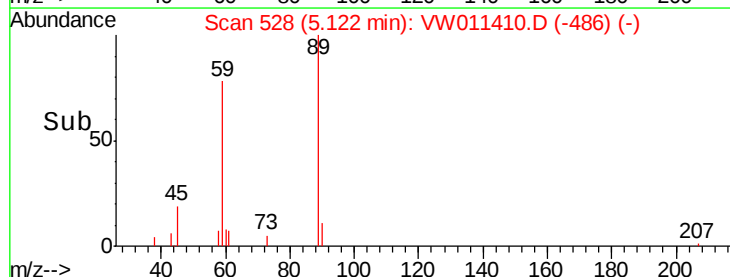
600

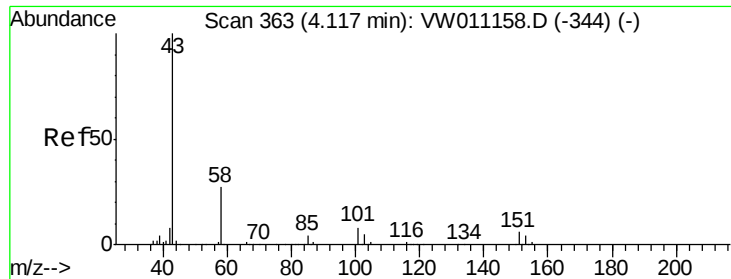
400

200

0

Time--> 5.00 5.10 5.20 5.30

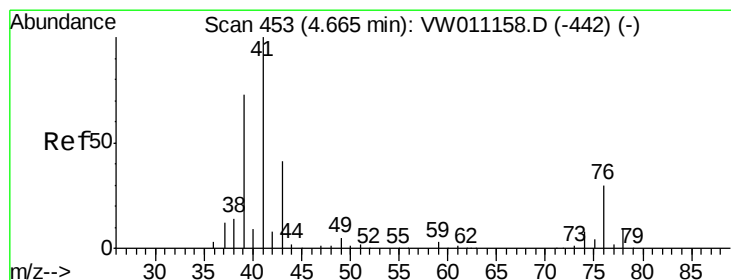
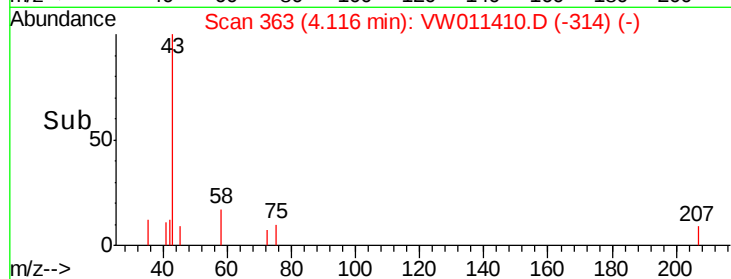
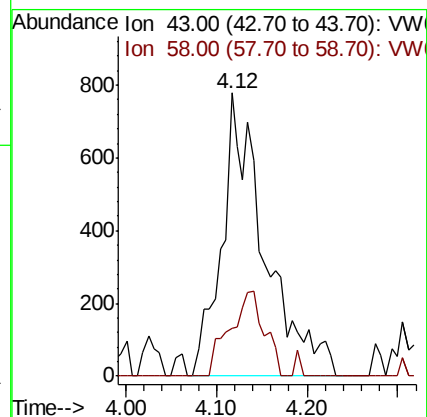
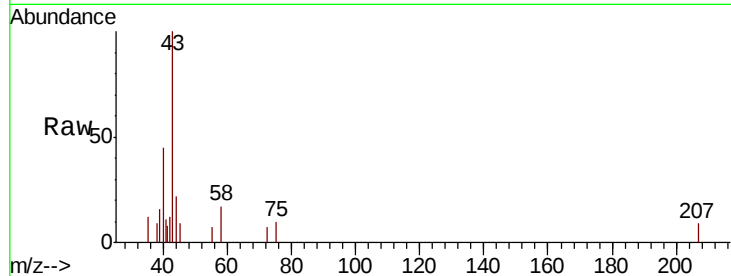




#16
Acetone
Concen: 3.277 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

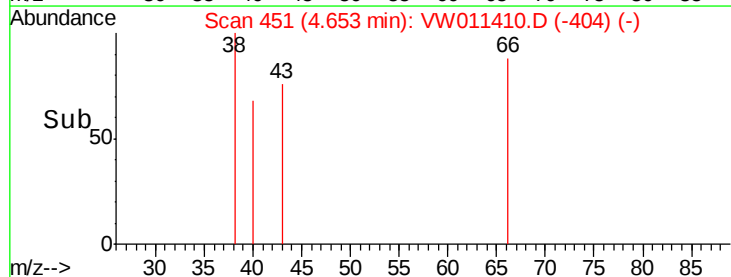
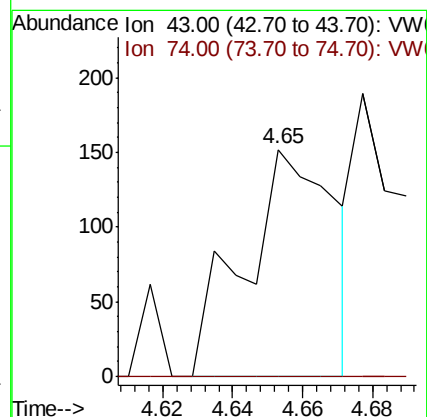
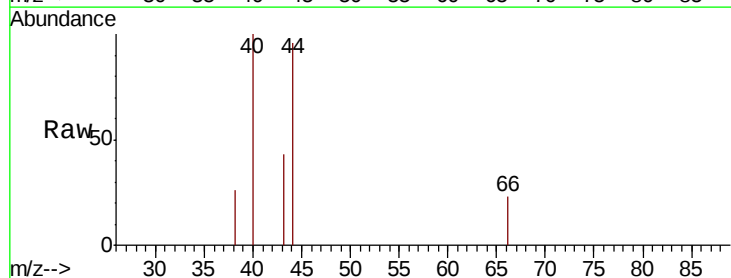
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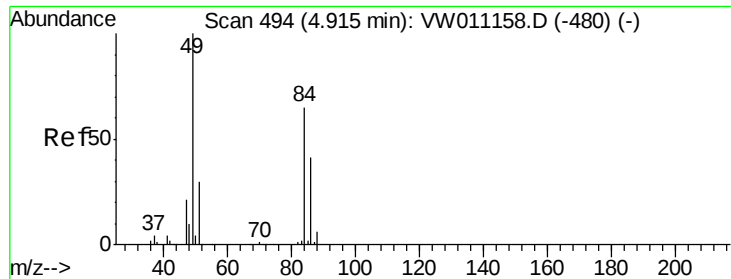
Tot Ion: 43 Resp: 2566
Ion Ratio Lower Upper
43 100
58 16.8 21.8 32.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#

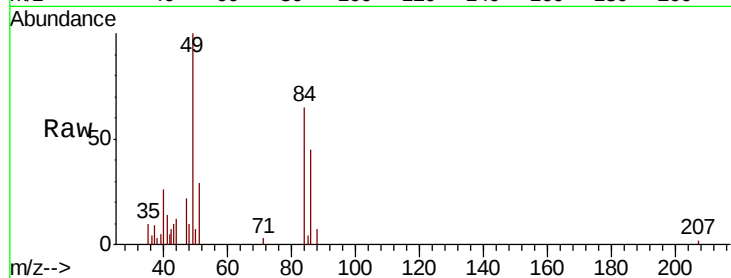




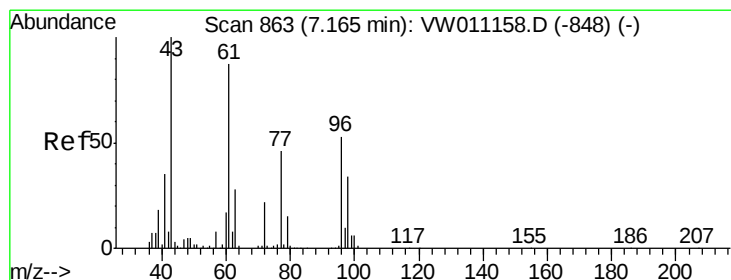
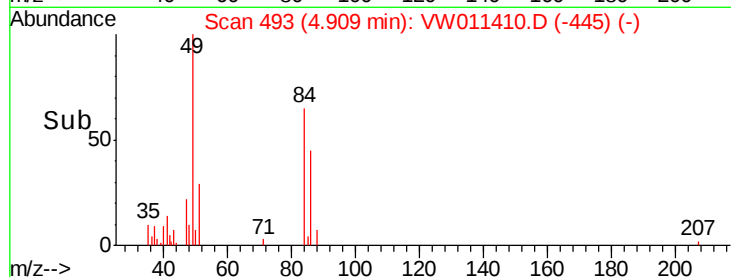
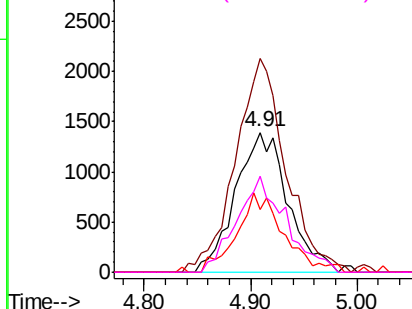
#20
Methvlene Chloride
Concen: 1.549 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-A

Tot Ion: 84 Resp: 4784
Ion Ratio Lower Upper
84 100
49 147.3 123.8 185.6
51 44.5 37.4 56.2
86 68.4 51.1 76.7

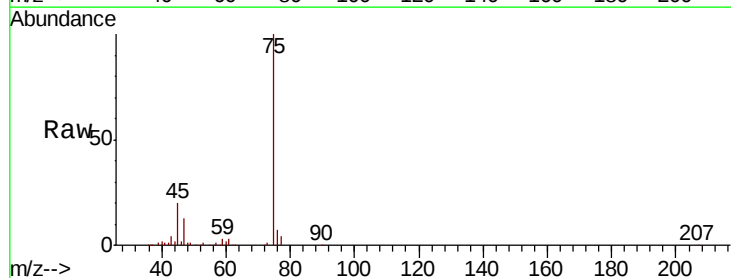


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

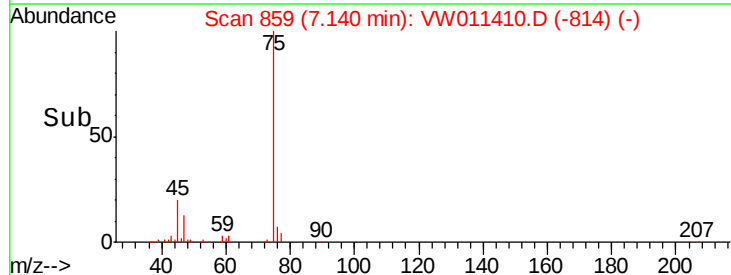
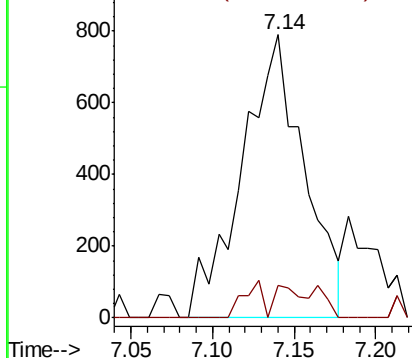


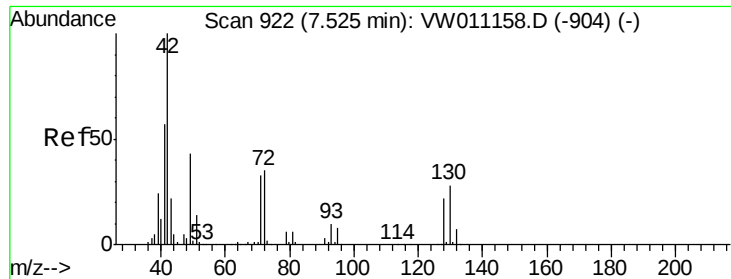
#25
2-Butanone
Concen: 1.704 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
72 11.4 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

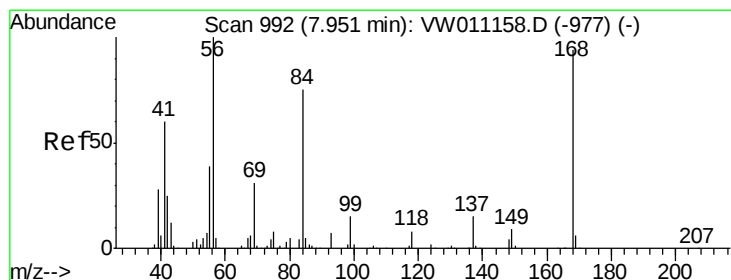
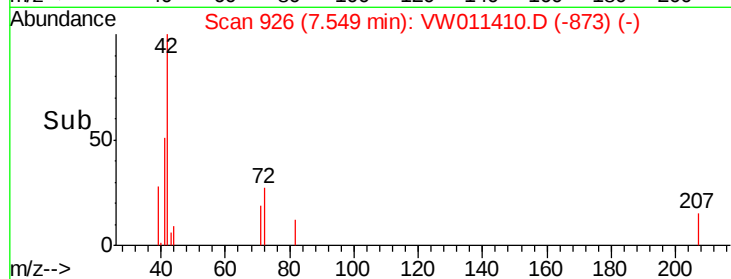
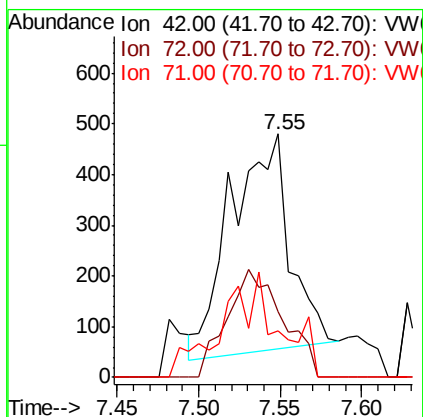
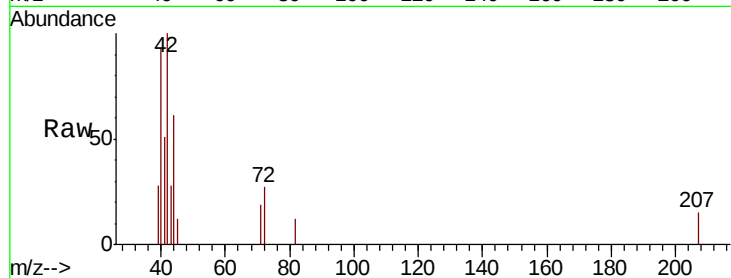




#29
Tetrahydrofuran
Concen: 1.332 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

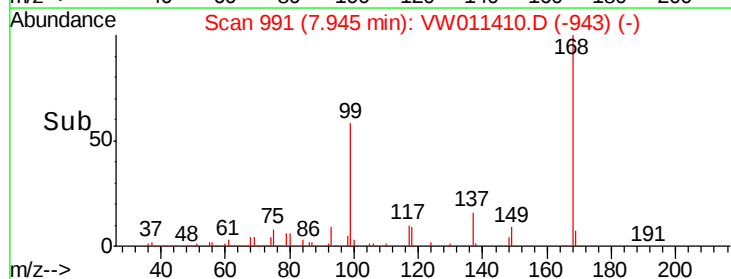
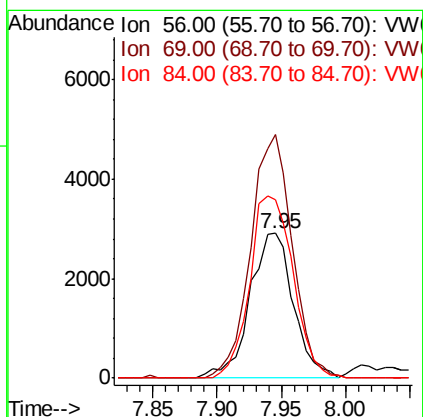
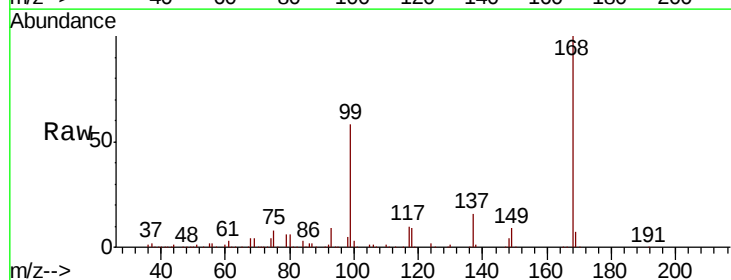
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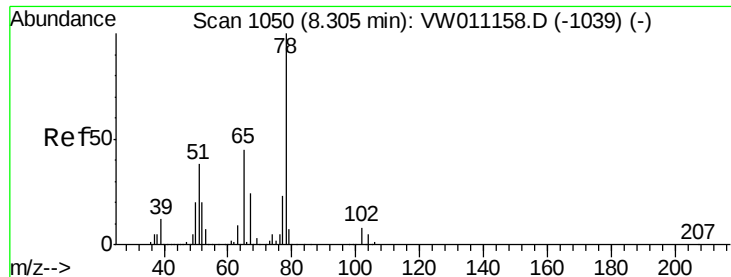
Tot Ion: 42 Resp: 1074
Ion Ratio Lower Upper
42 100
72 47.3 27.4 41.2#
71 46.9 25.9 38.9#



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

Tgt Ion: 56 Resp: 6805
Ion Ratio Lower Upper
56 100
69 168.2 24.6 36.8#
84 123.0 60.1 90.1#

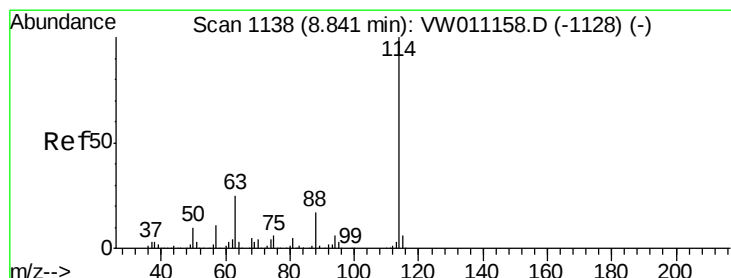
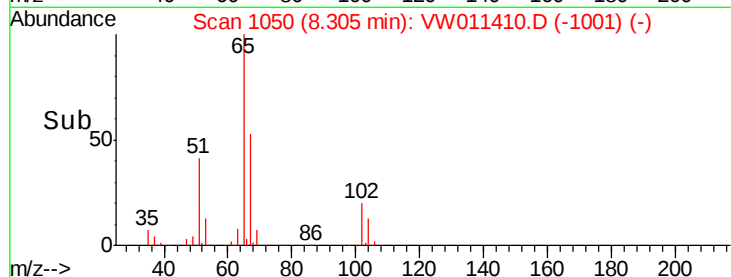
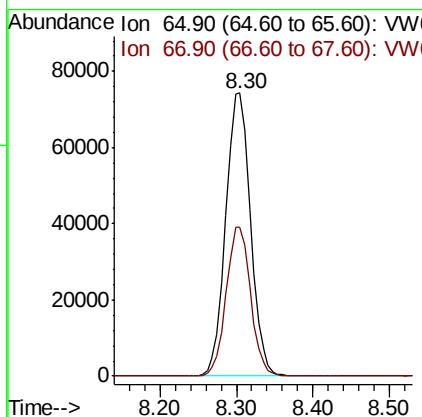
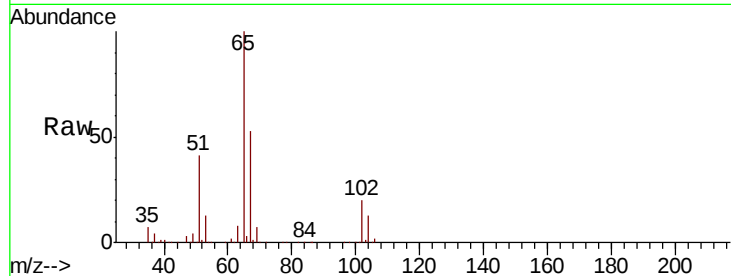




#33
 1,2-Dichloroethane-d4
 Concen: 51.245 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011410.D
 Acq: 20 Jul 2019 07:56

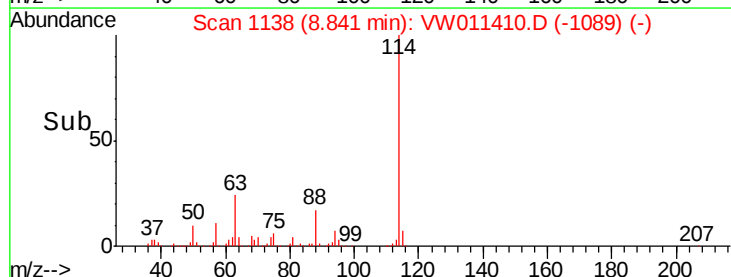
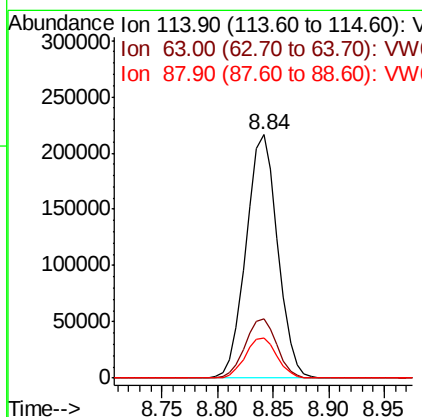
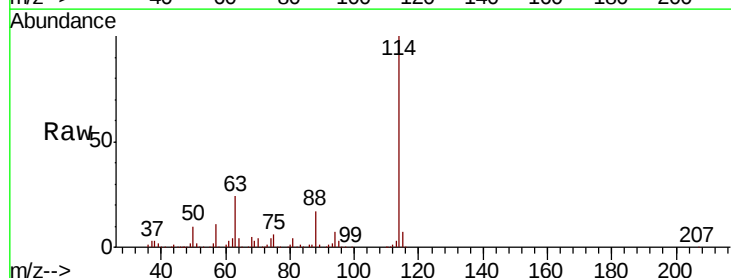
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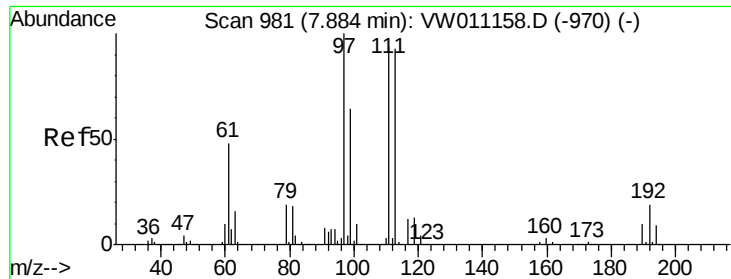
Tot Ion: 65 Resp: 166787
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011410.D
 Acq: 20 Jul 2019 07:56

Tgt Ion: 114 Resp: 428077
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.8
 88 16.7 0.0 34.2

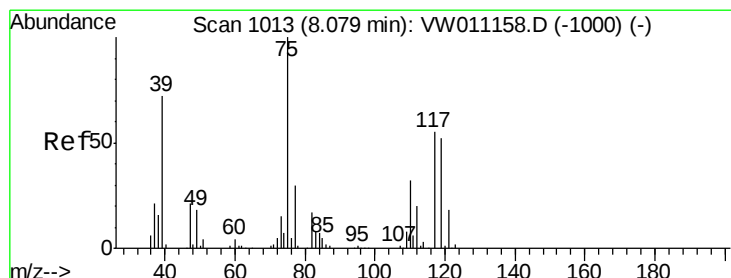
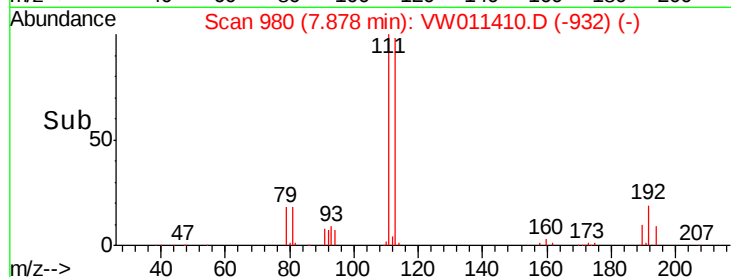
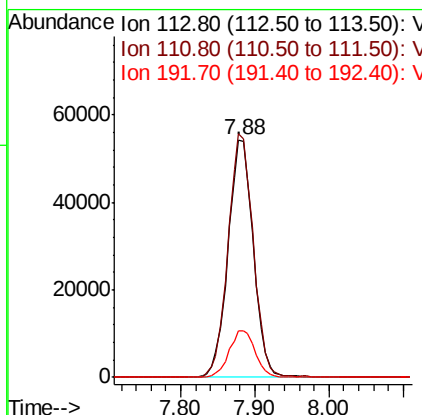
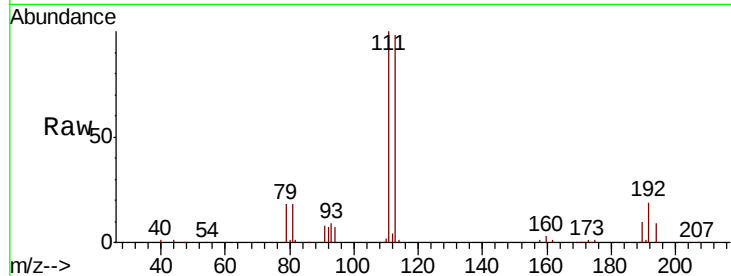




#35
 Dibromofluoromethane
 Concen: 50.490 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011410.D
 Acq: 20 Jul 2019 07:56

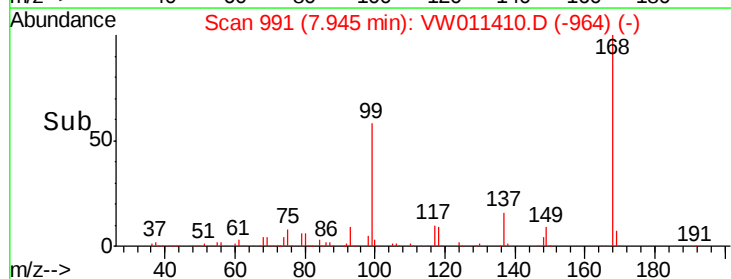
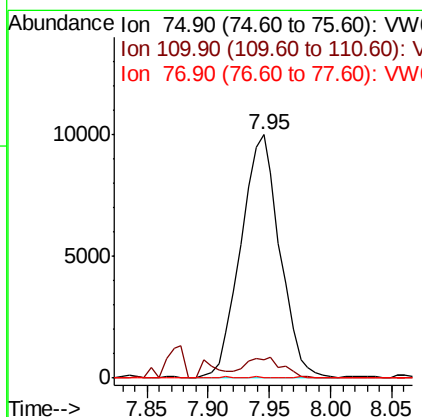
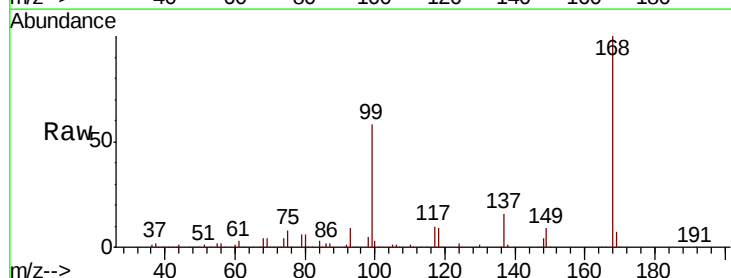
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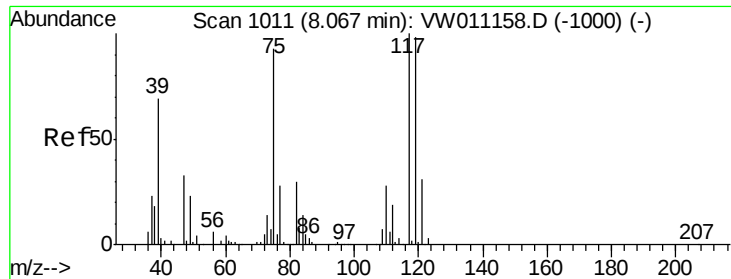
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	20.2	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 4.855 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011410.D
 Acq: 20 Jul 2019 07:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.9	47.6#
77	0.1	24.6	36.8#

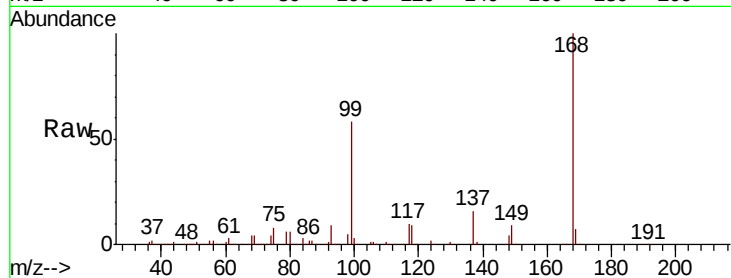




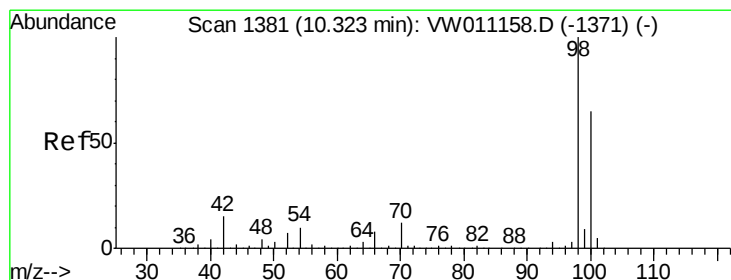
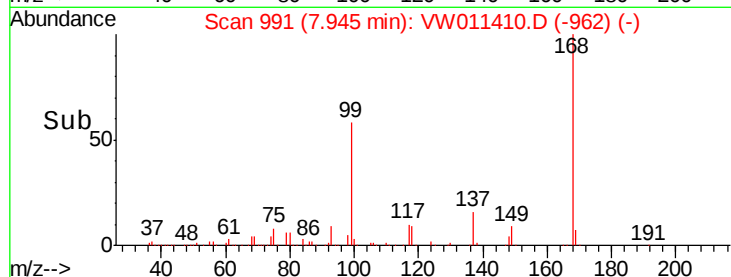
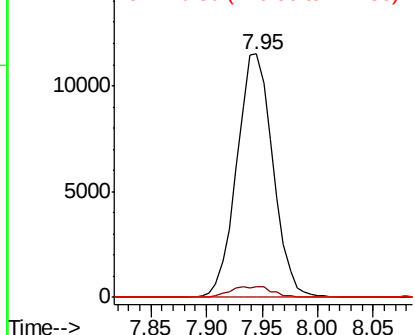
#38
Carbon Tetrachloride
Concen: 6.716 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion:117 Resp: 25952
Ion Ratio Lower Upper
117 100
119 4.3 78.1 117.1#
121 0.0 25.1 37.7#

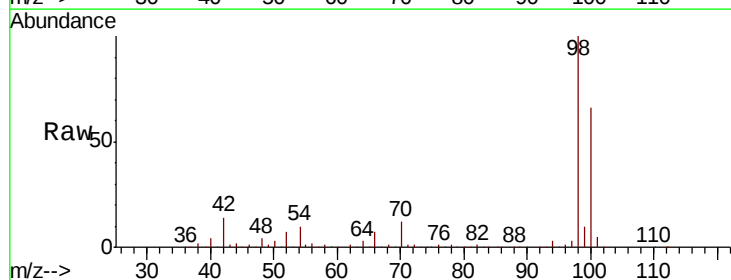


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

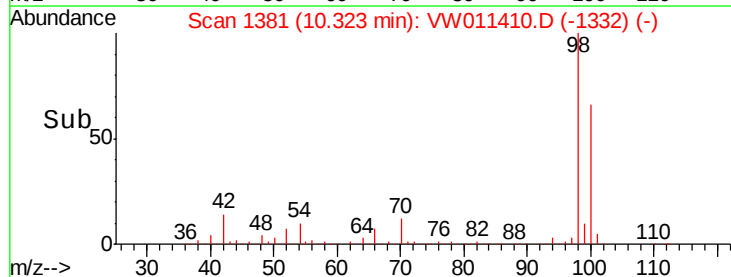
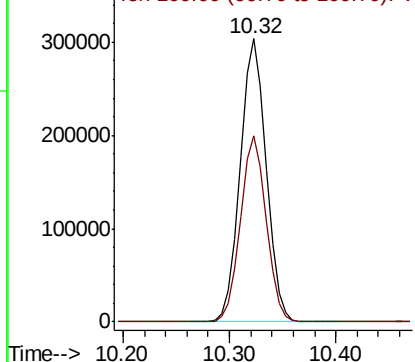


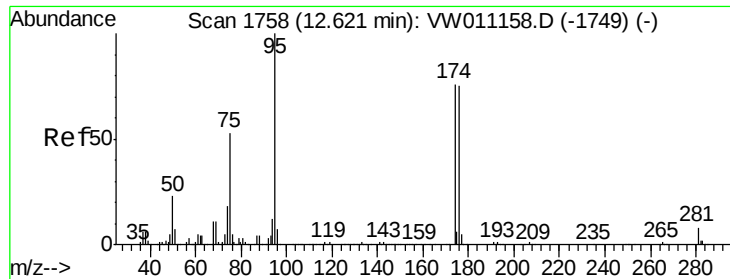
#50
Toluene-d8
Concen: 50.647 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

Tgt Ion: 98 Resp: 522357
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

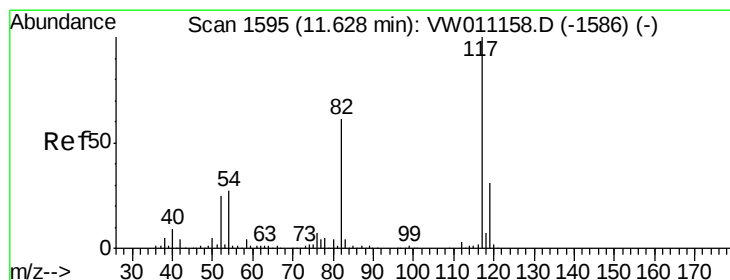
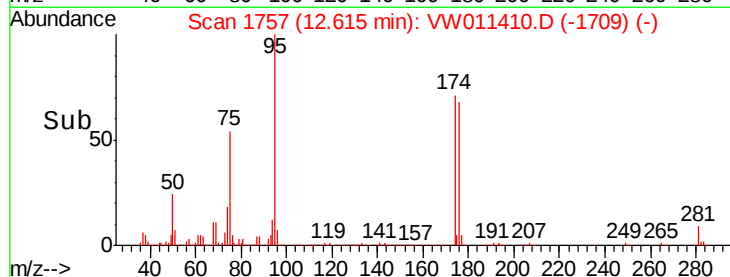
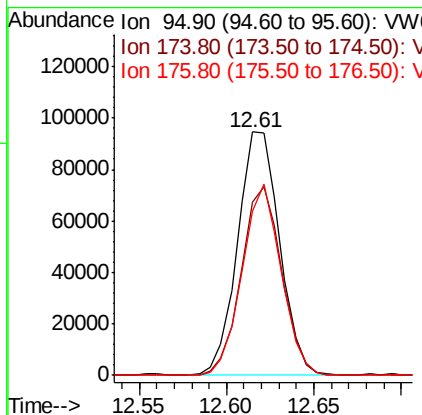
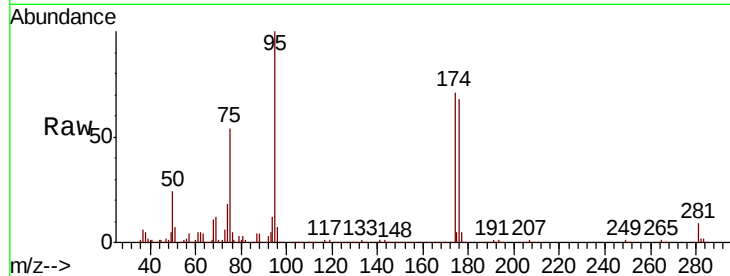




#62
4-Bromofluorobenzene
Concen: 41.438 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

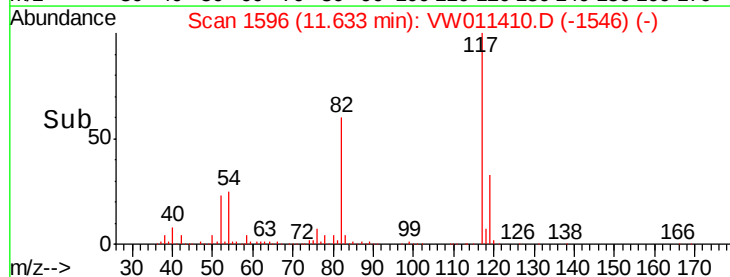
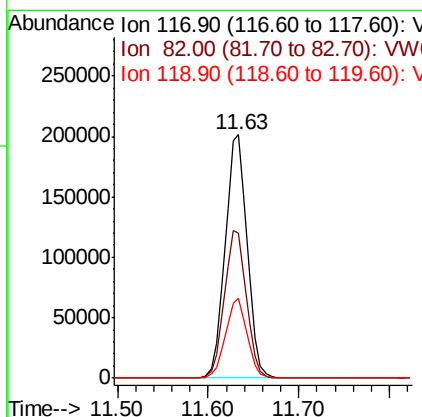
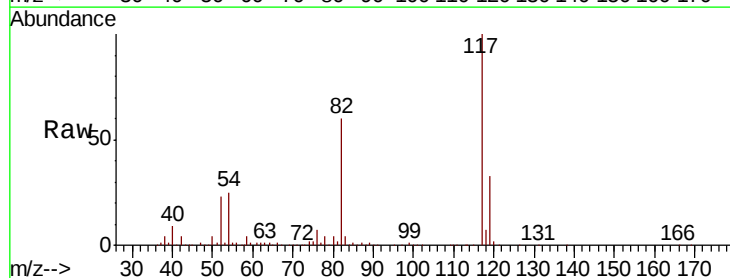
Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-A

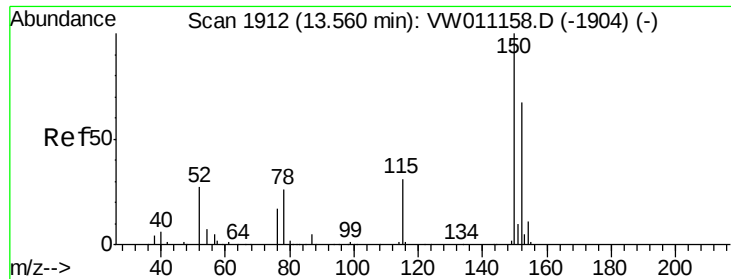
Tot Ion: 95 Resp: 156648
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.6
176 73.5 0.0 144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

Tgt Ion: 117 Resp: 342651
Ion Ratio Lower Upper
117 100
82 59.6 48.9 73.3
119 32.9 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011410.D

Acq: 20 Jul 2019 07:56

Instrument :

MSVOA_W

ClientSampleId :

HR-06-071719-A

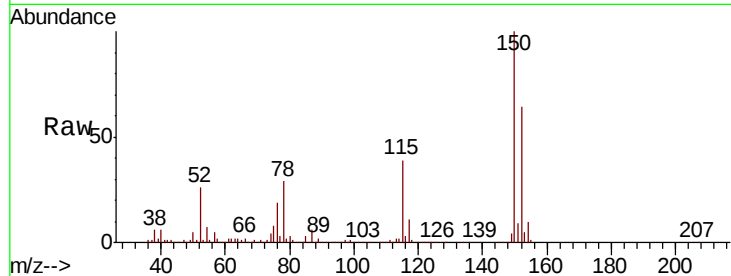
Tot Ion:152 Resp: 128988

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

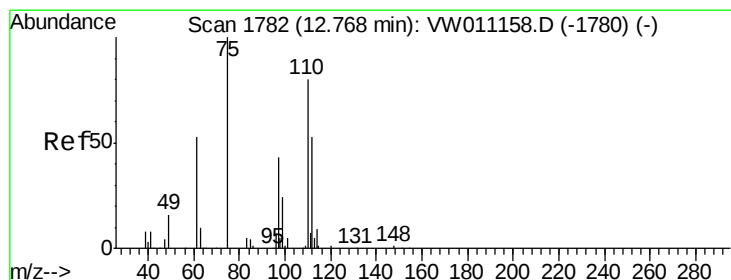
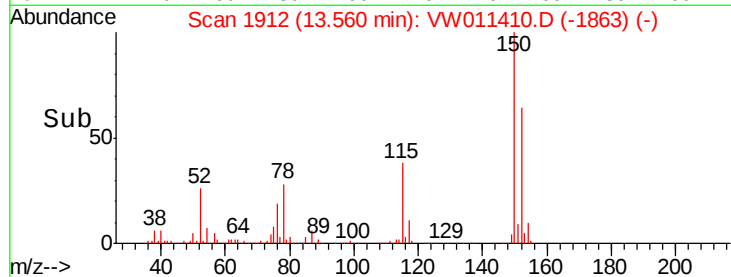
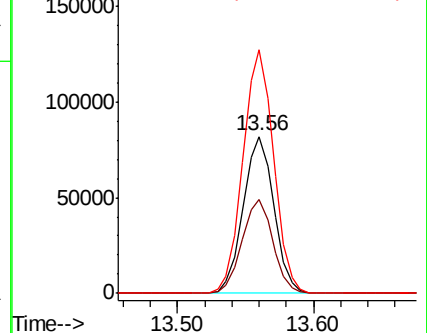
150 155.6 0.0 346.0



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: 56.036 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011410.D

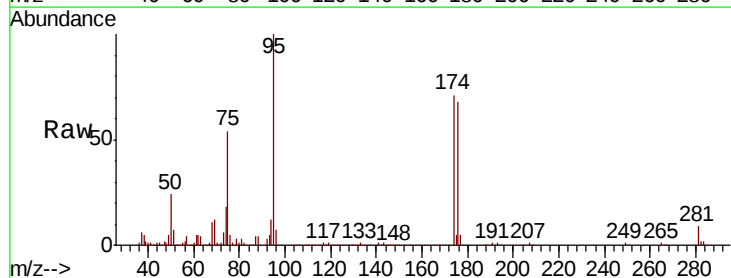
Acq: 20 Jul 2019 07:56

Tgt Ion: 75 Resp: 83528

Ion Ratio Lower Upper

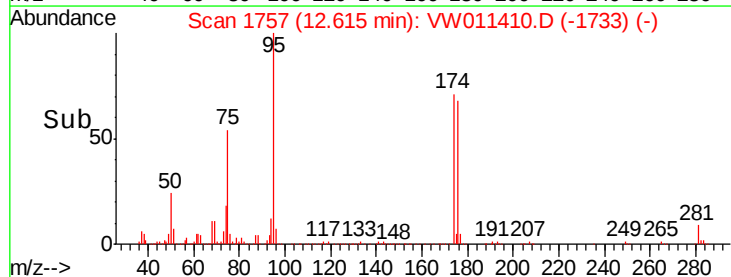
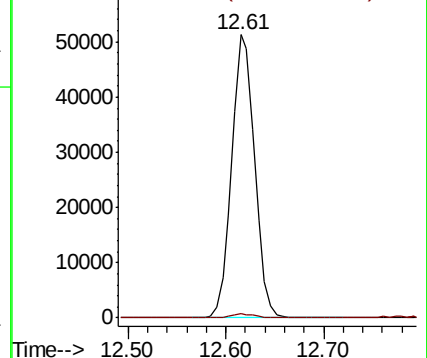
75 100

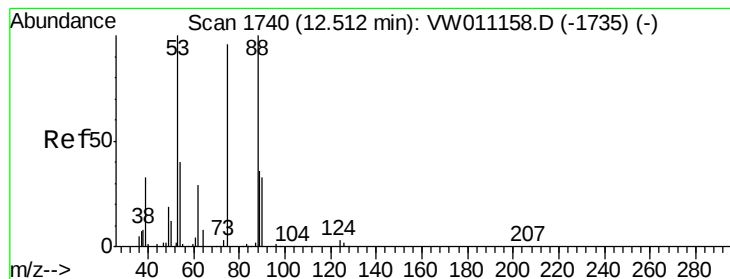
77 1.4 0.0 0.0#



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: 126.742 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011410.D

Acq: 20 Jul 2019 07:56

Instrument :

MSVOA_W

ClientSampleId :

HR-06-071719-A

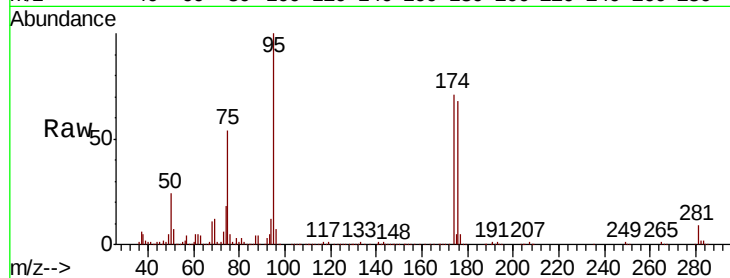
Tot Ion: 75 Resp: 83528

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.2 34.3 51.5#



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

