

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004611.D
 Acq On : 10 Aug 2018 21:16
 Operator : SY/AP
 Sample : J4282-01
 Misc : 6.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-080918-A

Quant Time: Aug 11 01:03:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	688353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1193197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	984308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	346517	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	374717	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
35) Dibromofluoromethane	7.88	113	347716	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
50) Toluene-d8	10.33	98	1203969	39.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.38%	
62) 4-Bromofluorobenzene	12.62	95	332781	30.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.92%	

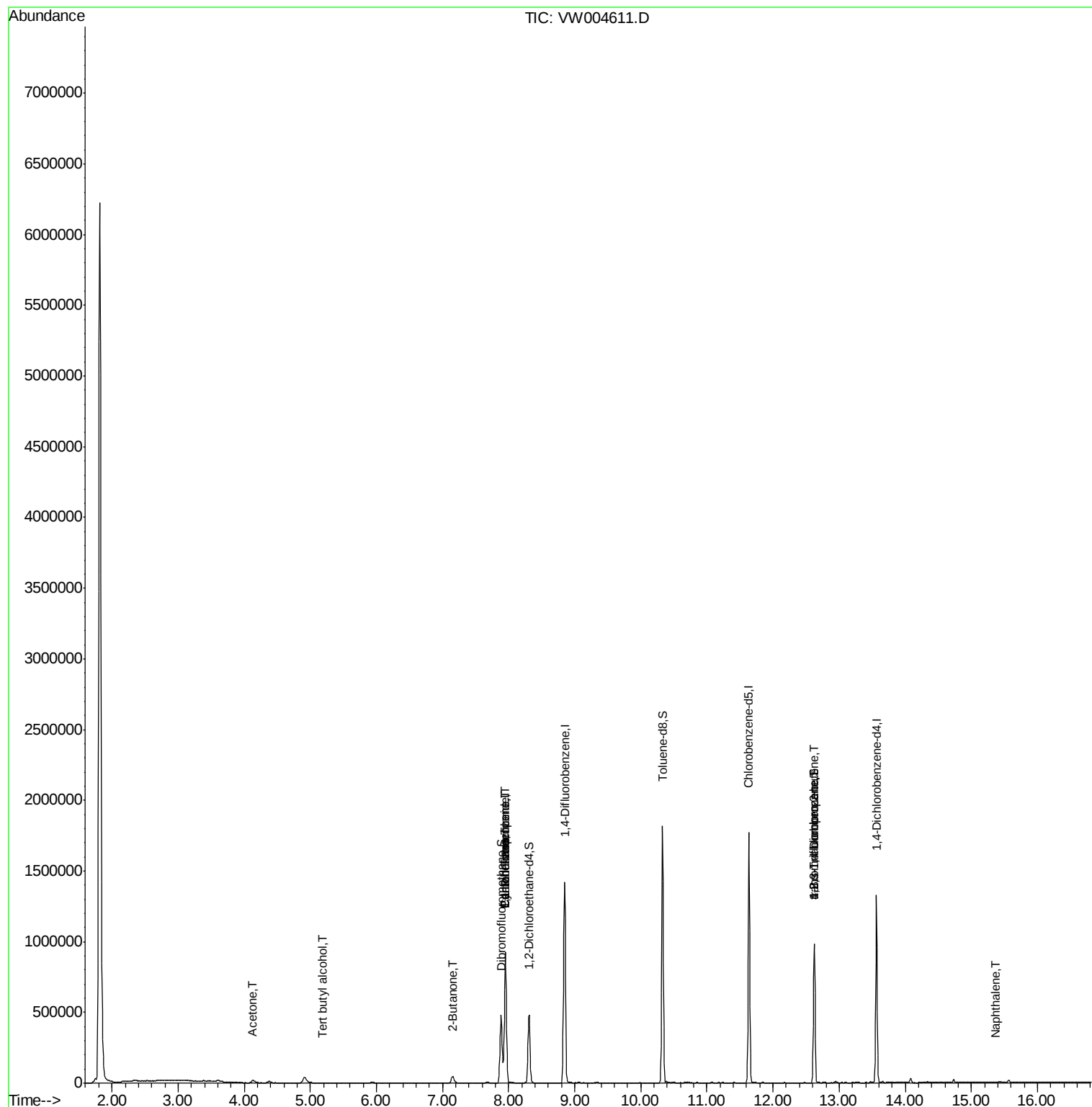
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	748	1.677	ug/l #	93
16) Acetone	4.13	43	33482	17.595	ug/l	95
20) Methylene Chloride	4.92	84	38930	Below Cal		87
25) 2-Butanone	7.15	43	3508	1.146	ug/l #	82
31) Cyclohexane	7.95	56	14531	1.018	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	53320	4.150	ug/l #	48
38) Carbon Tetrachloride	7.95	117	66695	5.769	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	159861	44.583	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	159861	106.726	ug/l #	12
95) Naphthalene	15.37	128	1363	2.998	ug/l #	87

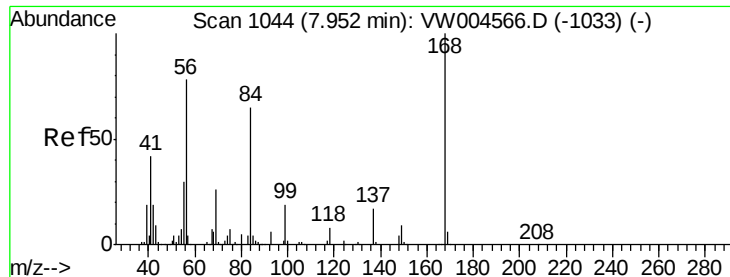
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004611.D

Acq: 10 Aug 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

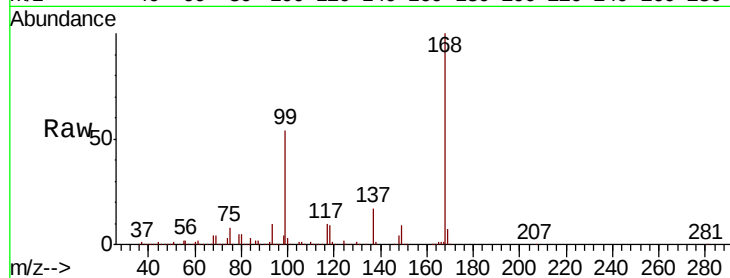
SU-02-080918-A

Tgt Ion:168 Resp: 688353

Ion Ratio Lower Upper

168 100

99 53.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

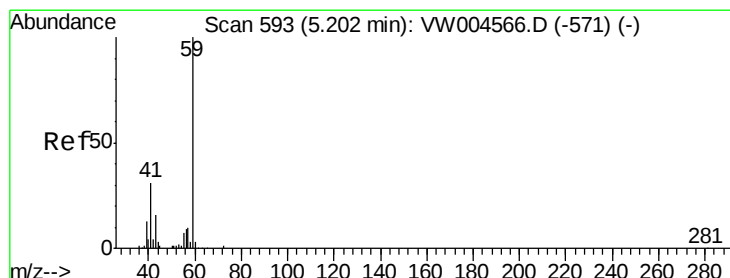
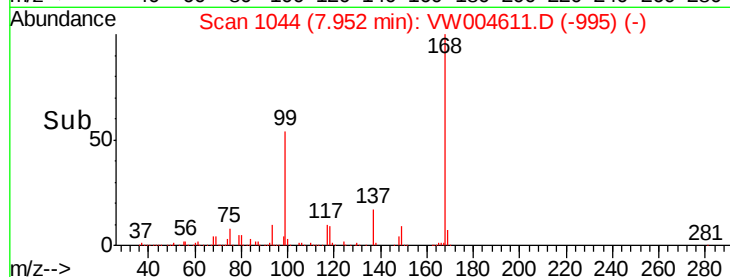
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.677 ug/l

RT: 5.19 min Scan# 591

Delta R.T. -0.02 min

Lab File: VW004611.D

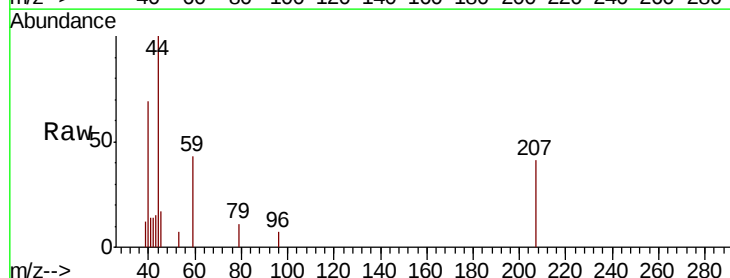
Acq: 10 Aug 2018 21:16

Tgt Ion: 59 Resp: 748

Ion Ratio Lower Upper

59 100

57 8.6 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

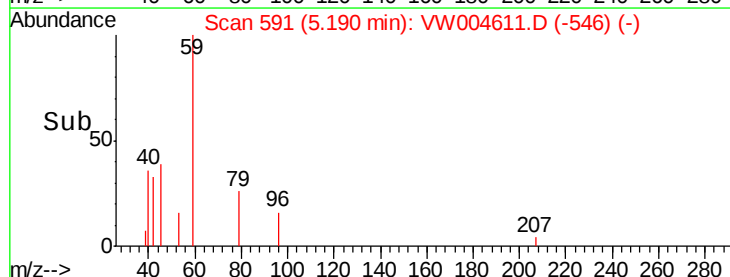
300

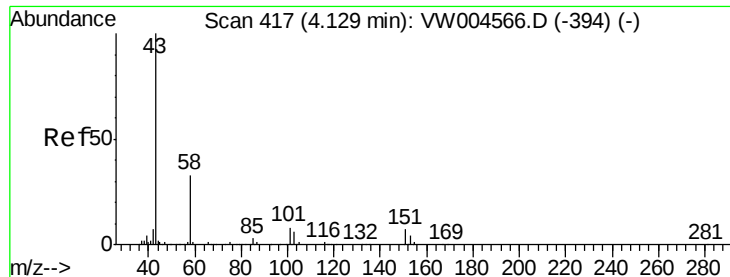
200

100

0

Time--> 5.15 5.20





#16

Acetone

Concen: 17.595 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW004611.D

Acq: 10 Aug 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

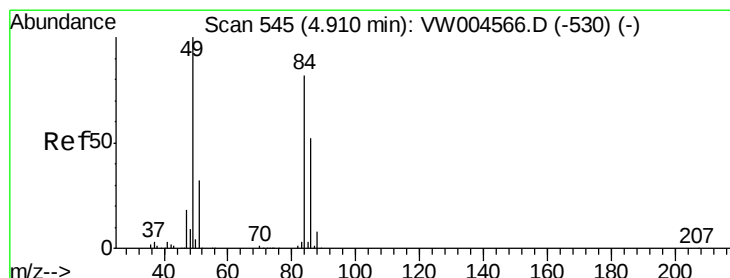
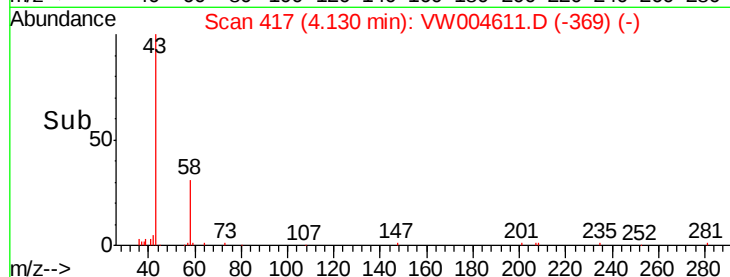
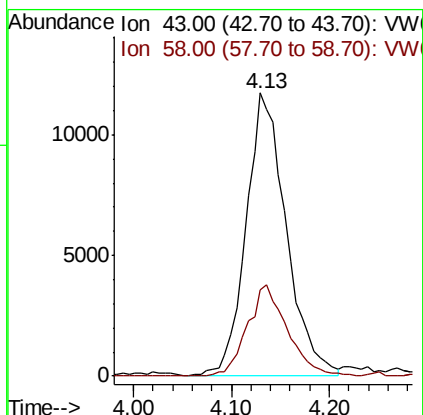
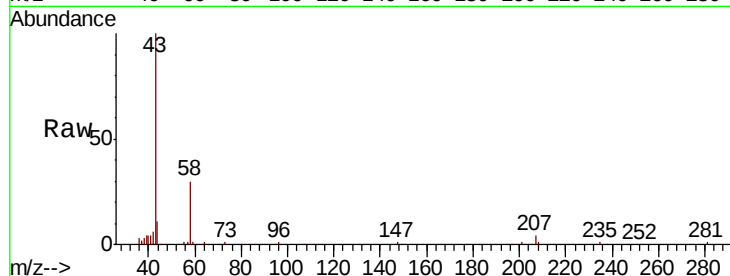
SU-02-080918-A

Tgt Ion: 43 Resp: 33482

Ion Ratio Lower Upper

43 100

58 30.5 26.8 40.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW004611.D

Acq: 10 Aug 2018 21:16

Tgt Ion: 84 Resp: 38930

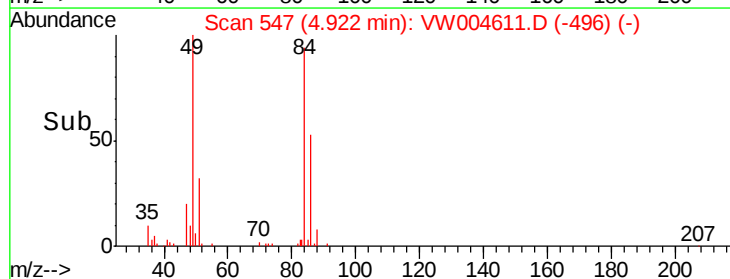
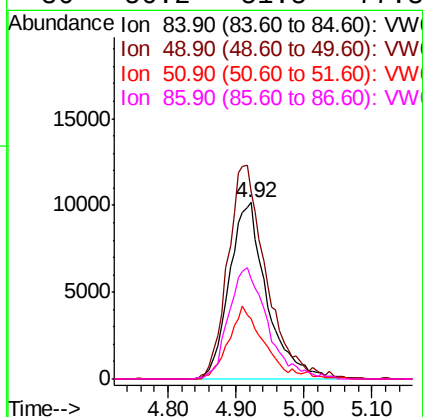
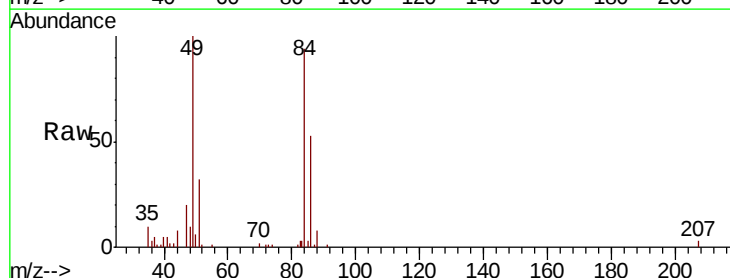
Ion Ratio Lower Upper

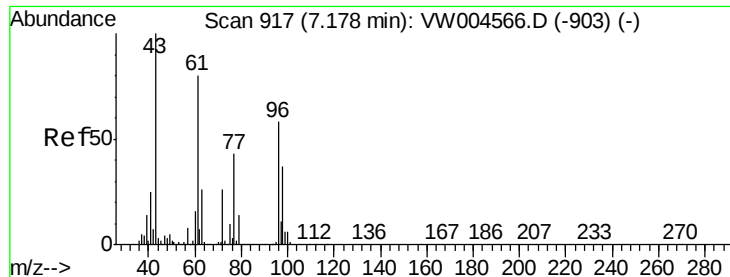
84 100

49 105.9 99.6 149.4

51 33.9 31.0 46.4

86 56.2 51.5 77.3

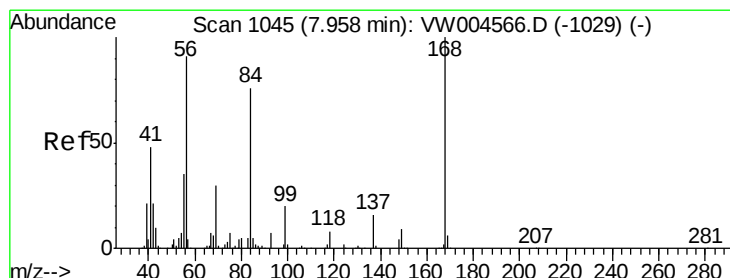
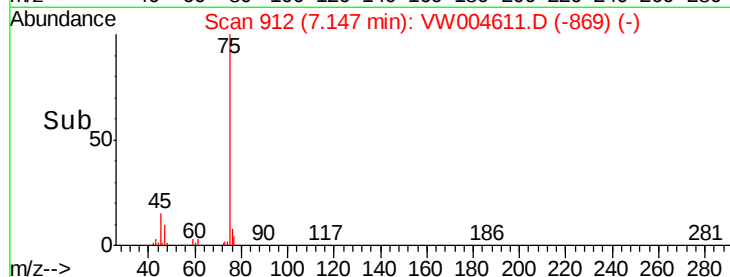
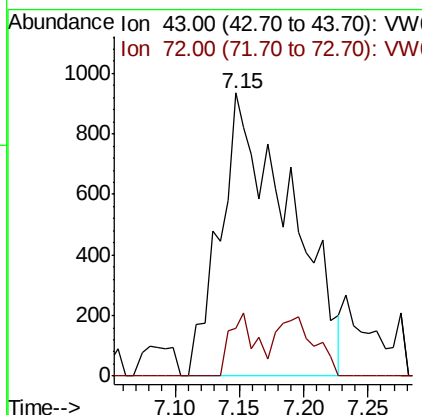
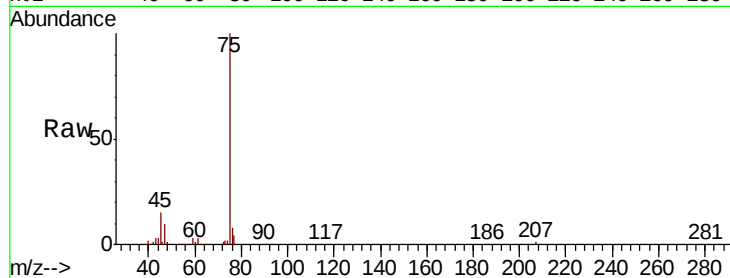




#25
2-Butanone
Concen: 1.146 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.04 min
Lab File: VW004611.D
Acq: 10 Aug 2018 21:16

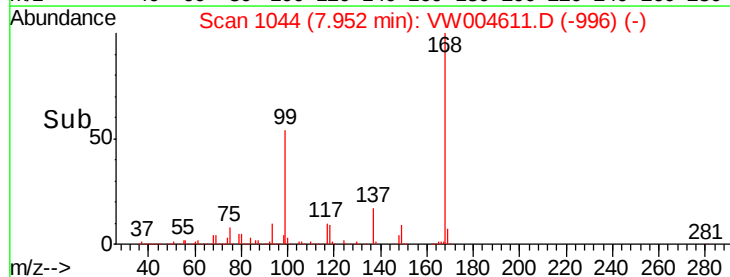
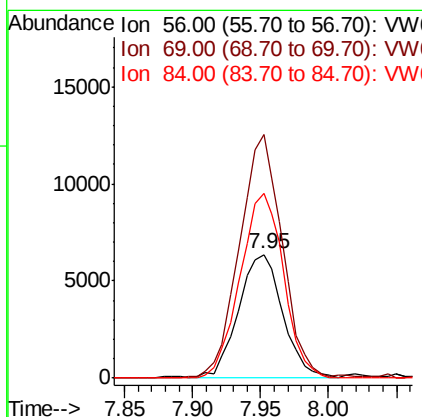
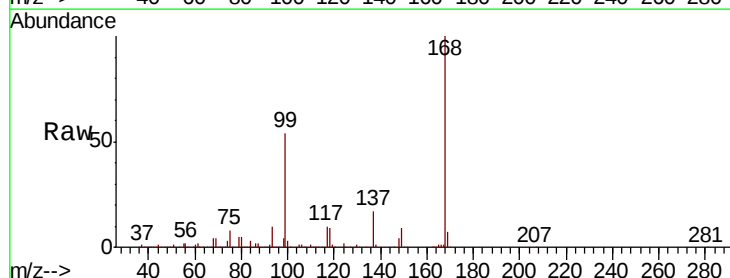
Instrument :
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SU-02-080918-A

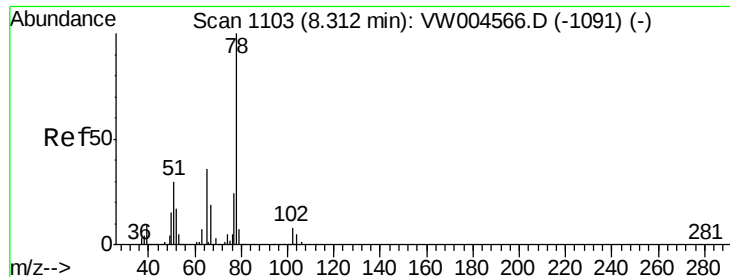
Tgt Ion: 43 Resp: 3508
Ion Ratio Lower Upper
43 100
72 16.9 21.0 31.6#



#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004611.D
Acq: 10 Aug 2018 21:16

Tgt Ion: 56 Resp: 14531
Ion Ratio Lower Upper
56 100
69 195.5 26.4 39.6#
84 149.6 66.9 100.3#

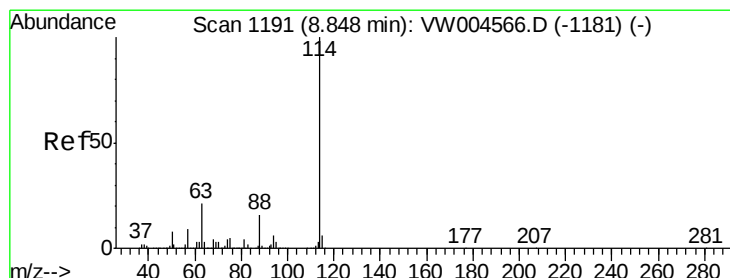
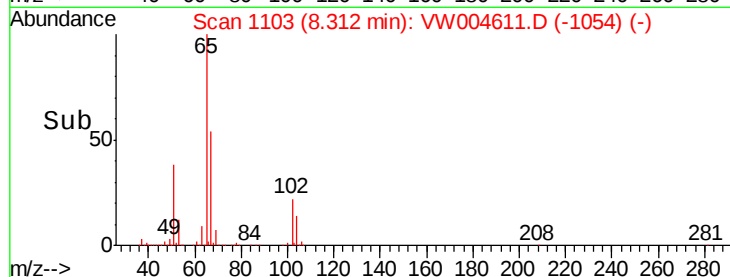
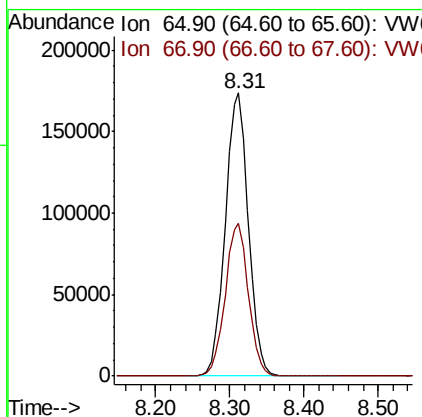
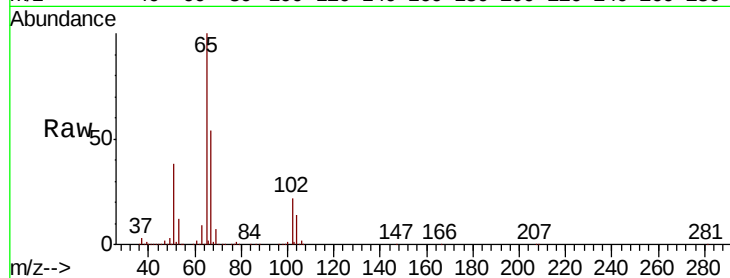




#33
 1,2-Dichloroethane-d4
 Concen: 49.176 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004611.D
 Acq: 10 Aug 2018 21:16

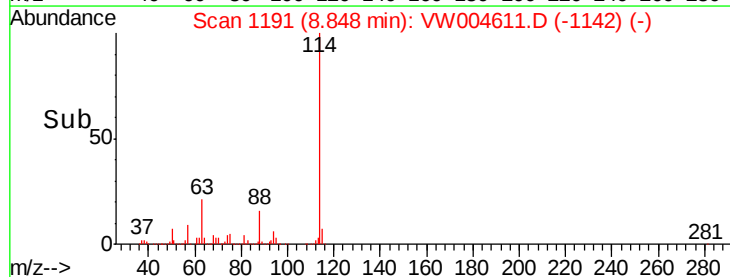
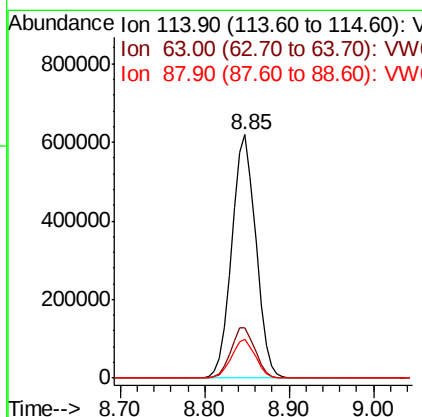
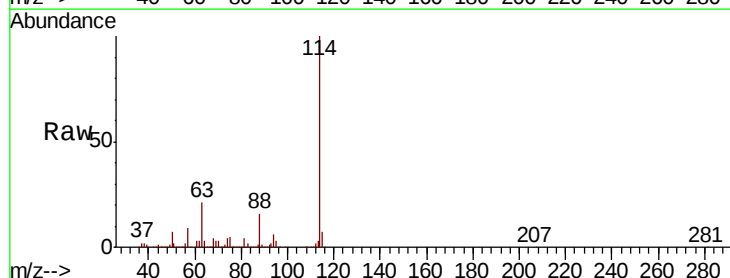
Instrument :
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 ClientSampleId :
 SU-02-080918-A

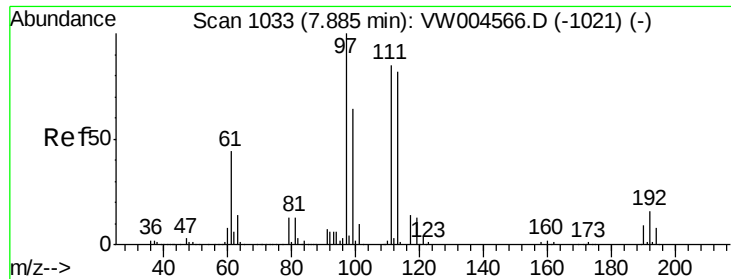
Tgt Ion: 65 Resp: 374717
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004611.D
 Acq: 10 Aug 2018 21:16

Tgt Ion: 114 Resp: 1193197
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 16.0 0.0 31.2

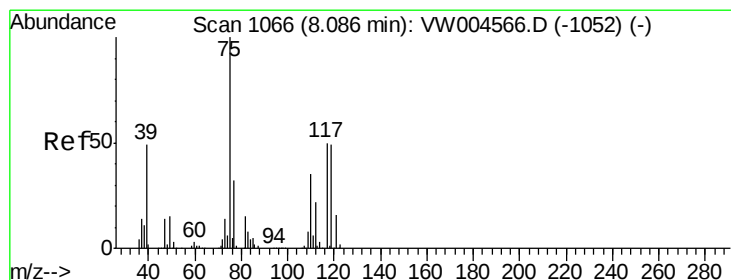
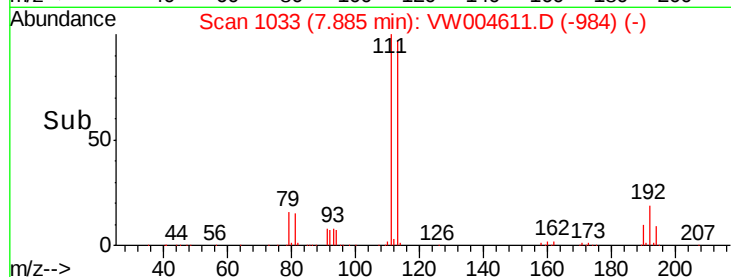
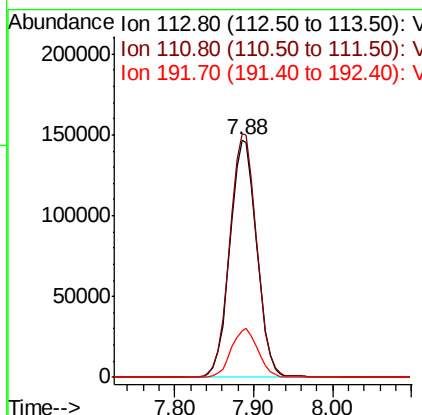
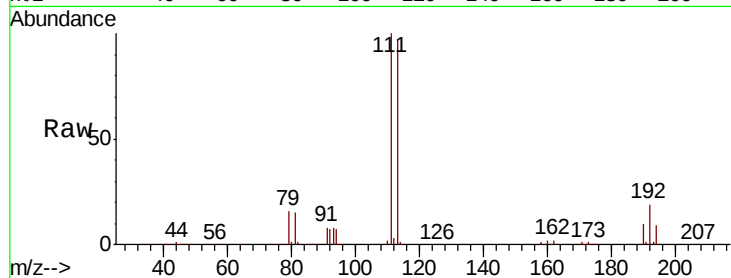




#35
 Dibromofluoromethane
 Concen: 43.706 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004611.D
 Acq: 10 Aug 2018 21:16

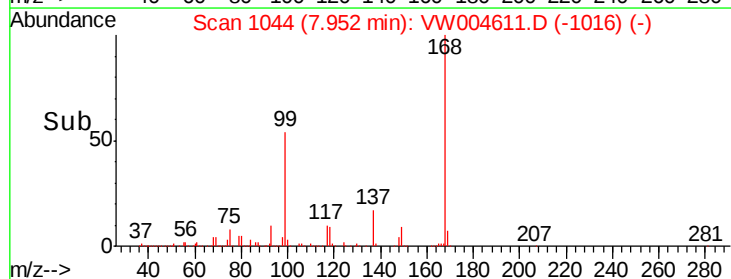
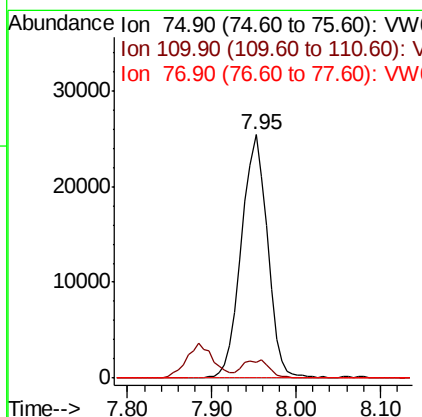
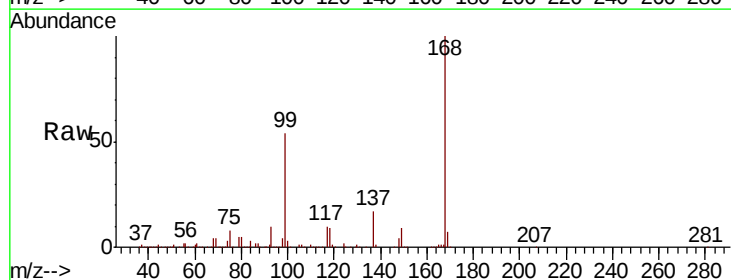
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 SU-02-080918-A

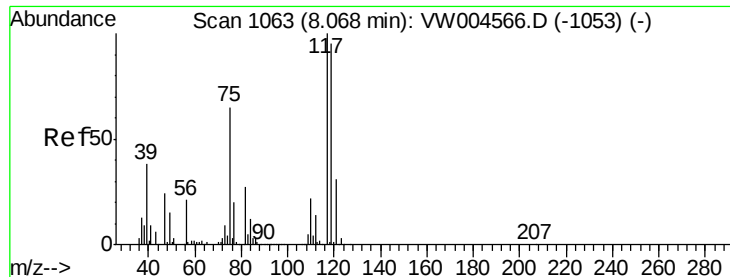
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	20.3	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.150 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004611.D
 Acq: 10 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.4	52.2#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.769 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004611.D

Acq: 10 Aug 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

SU-02-080918-A

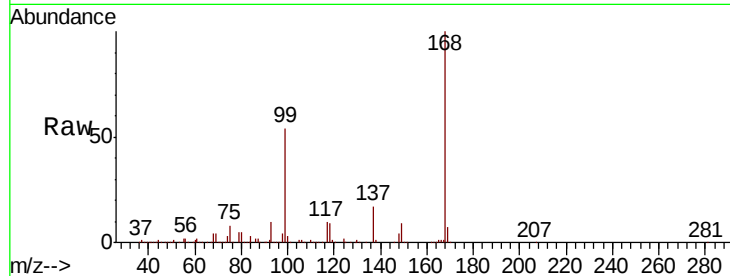
Tgt Ion:117 Resp: 66695

Ion Ratio Lower Upper

117 100

119 5.5 76.1 114.1#

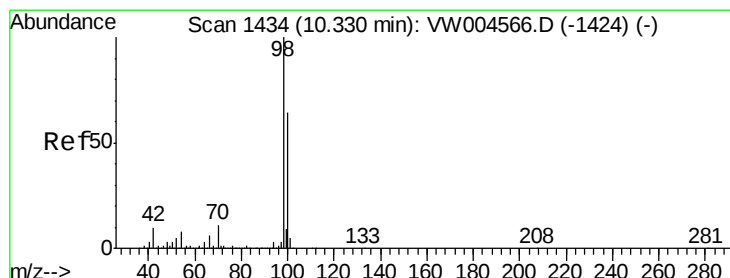
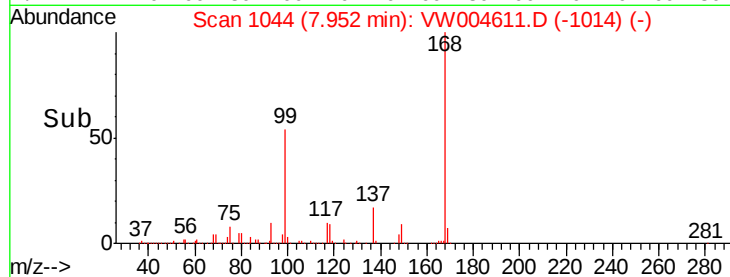
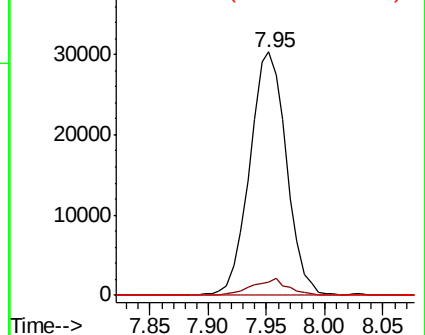
121 0.0 24.2 36.4#



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: 39.695 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004611.D

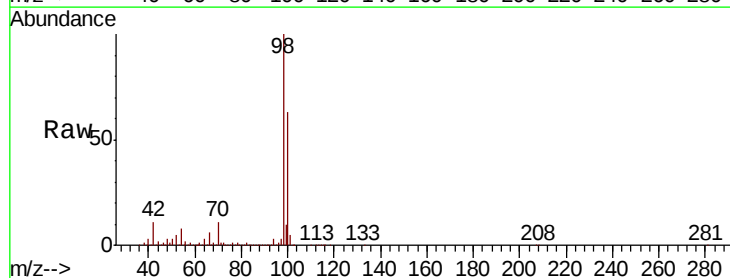
Acq: 10 Aug 2018 21:16

Tgt Ion: 98 Resp: 1203969

Ion Ratio Lower Upper

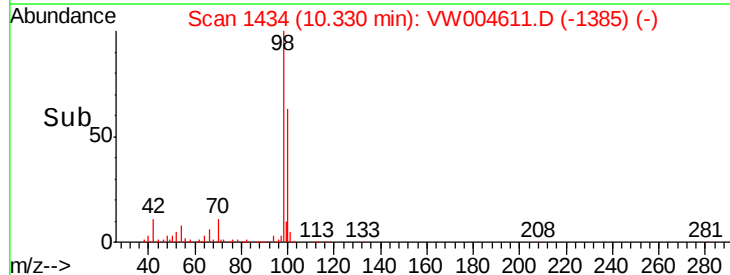
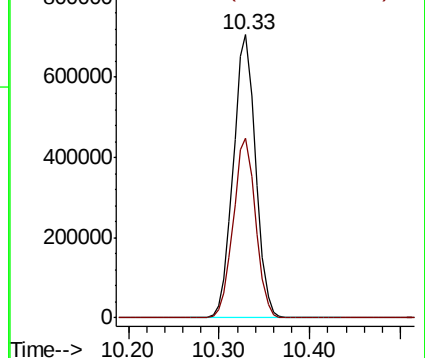
98 100

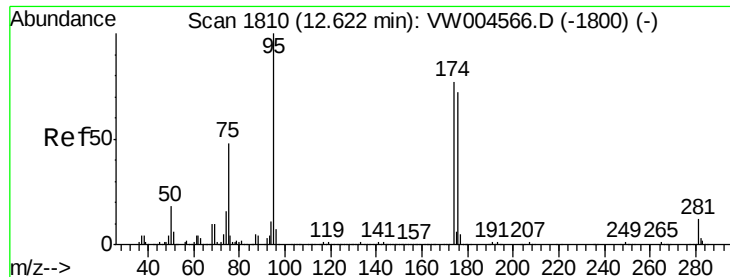
100 63.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

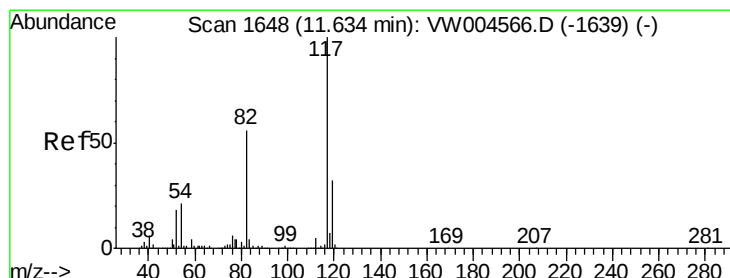
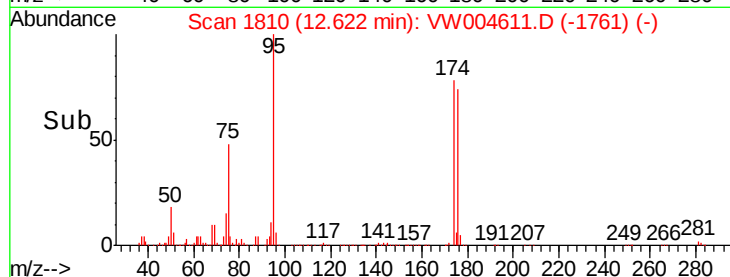
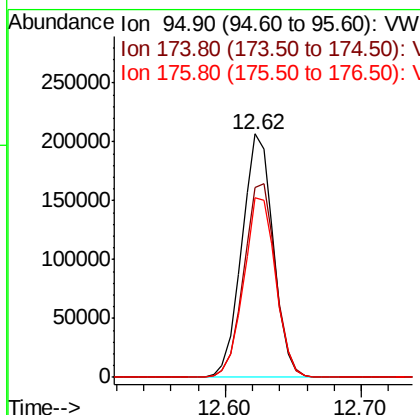
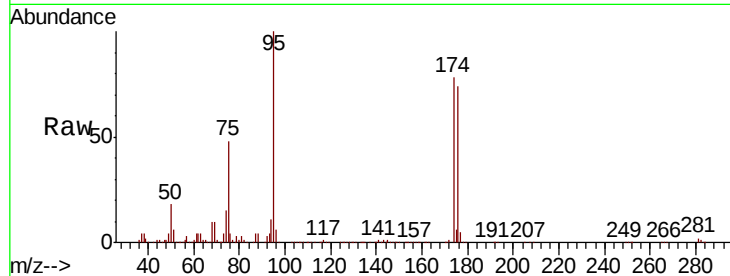




#62
4-Bromofluorobenzene
Concen: 30.459 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004611.D
Acq: 10 Aug 2018 21:16

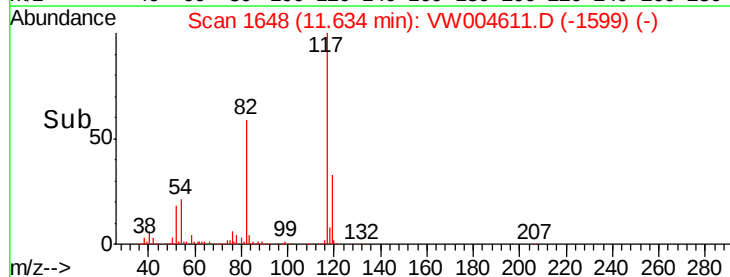
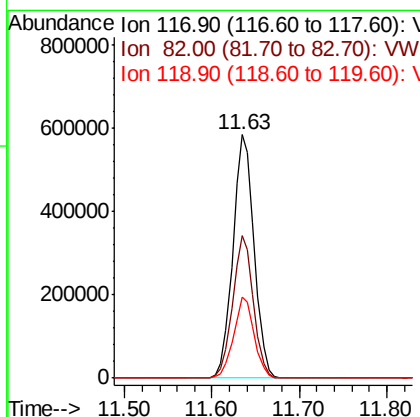
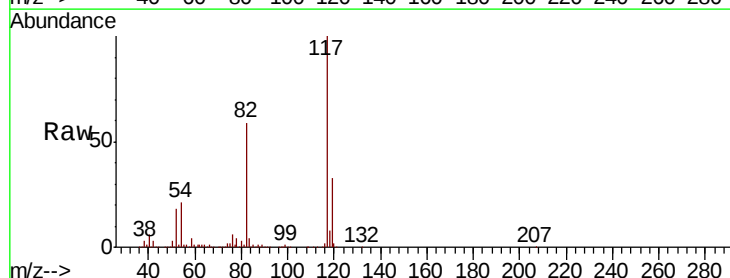
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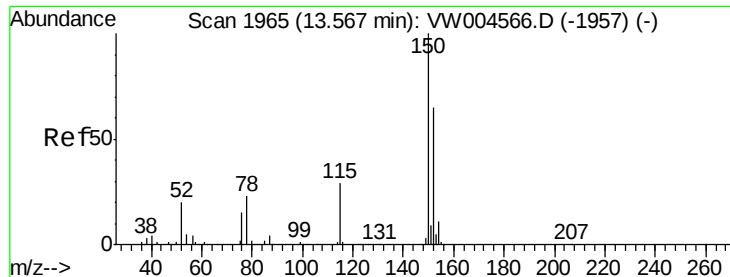
Tgt Ion: 95 Resp: 332781
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.4
176 75.6 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004611.D
Acq: 10 Aug 2018 21:16

Tgt Ion: 117 Resp: 984308
Ion Ratio Lower Upper
117 100
82 58.5 45.3 67.9
119 33.4 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004611.D

Acq: 10 Aug 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

SU-02-080918-A

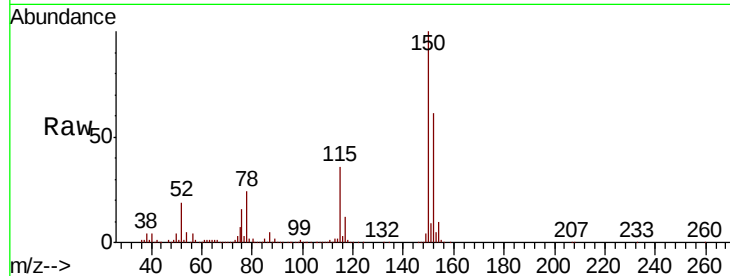
Tgt Ion: 152 Resp: 346517

Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.3

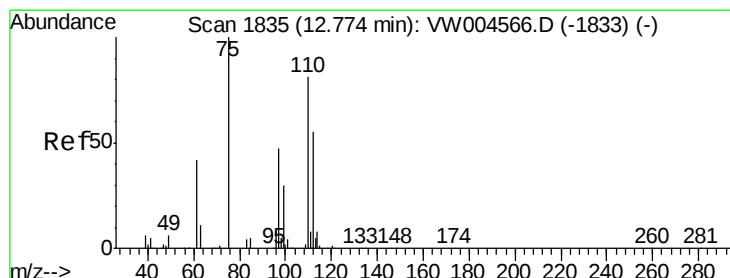
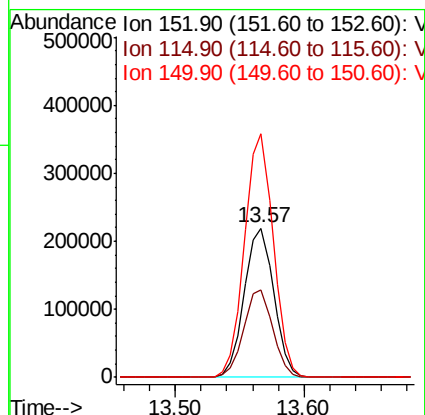
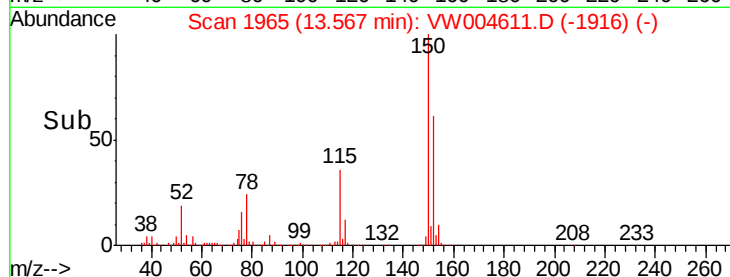
150 159.4 0.0 349.6



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: 44.583 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004611.D

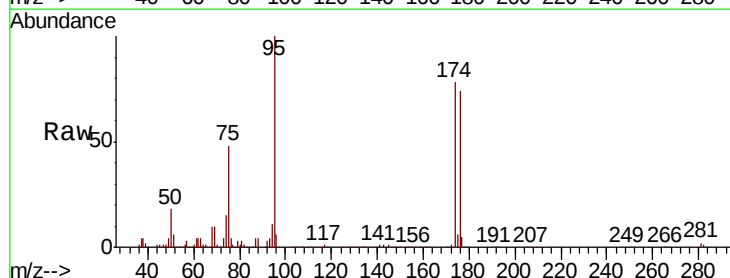
Acq: 10 Aug 2018 21:16

Tgt Ion: 75 Resp: 159861

Ion Ratio Lower Upper

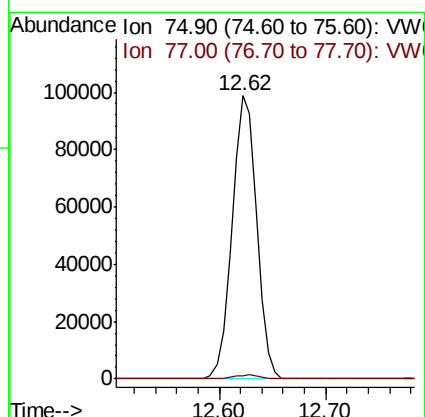
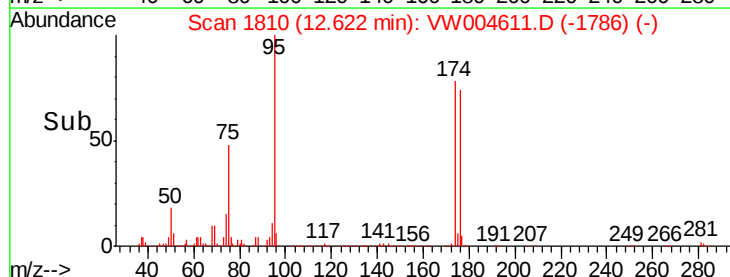
75 100

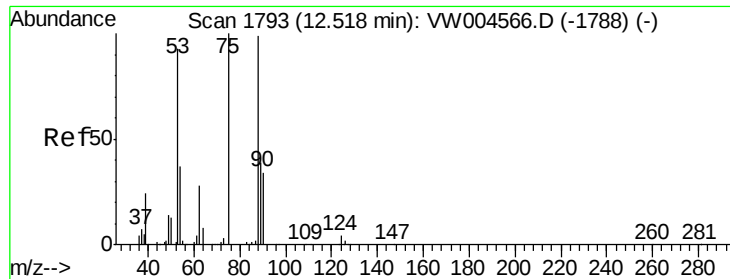
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

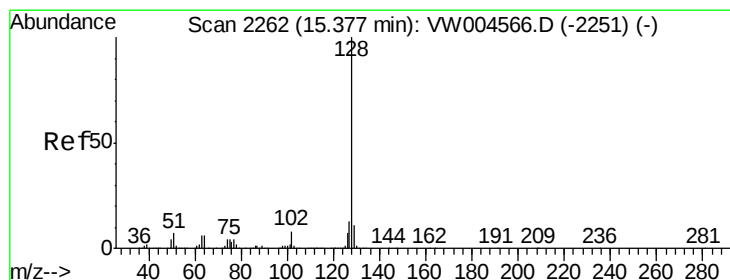
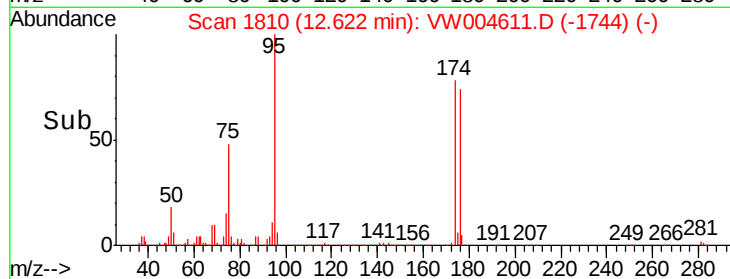
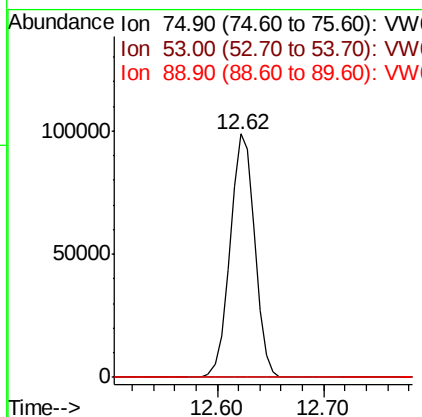
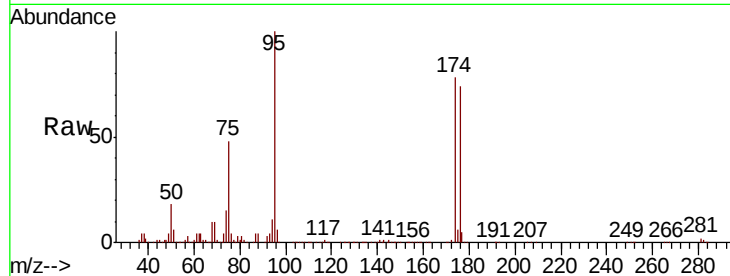




#81
trans-1,4-Dichloro-2-butene
Concen: 106.726 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004611.D
Acq: 10 Aug 2018 21:16

Instrument :
MSVOA_W
ClientSampleId :
SU-02-080918-A

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	74.4	111.6#
89	0.0	35.9	53.9#



#95
Naphthalene
Concen: 2.998 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW004611.D
Acq: 10 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
128	100		
127	21.9	10.3	15.5#
129	10.3	8.6	13.0

