

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004571.D
 Acq On : 10 Aug 2018 00:43
 Operator : SY/AP
 Sample : J4271-01
 Misc : 6.61G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-080818-A

Quant Time: Aug 10 03:52:19 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	602206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1077886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	906941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	392887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	357967	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	7.88	113	341886	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	10.33	98	1059430	38.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.34%	
62) 4-Bromofluorobenzene	12.62	95	329571	33.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.78%	

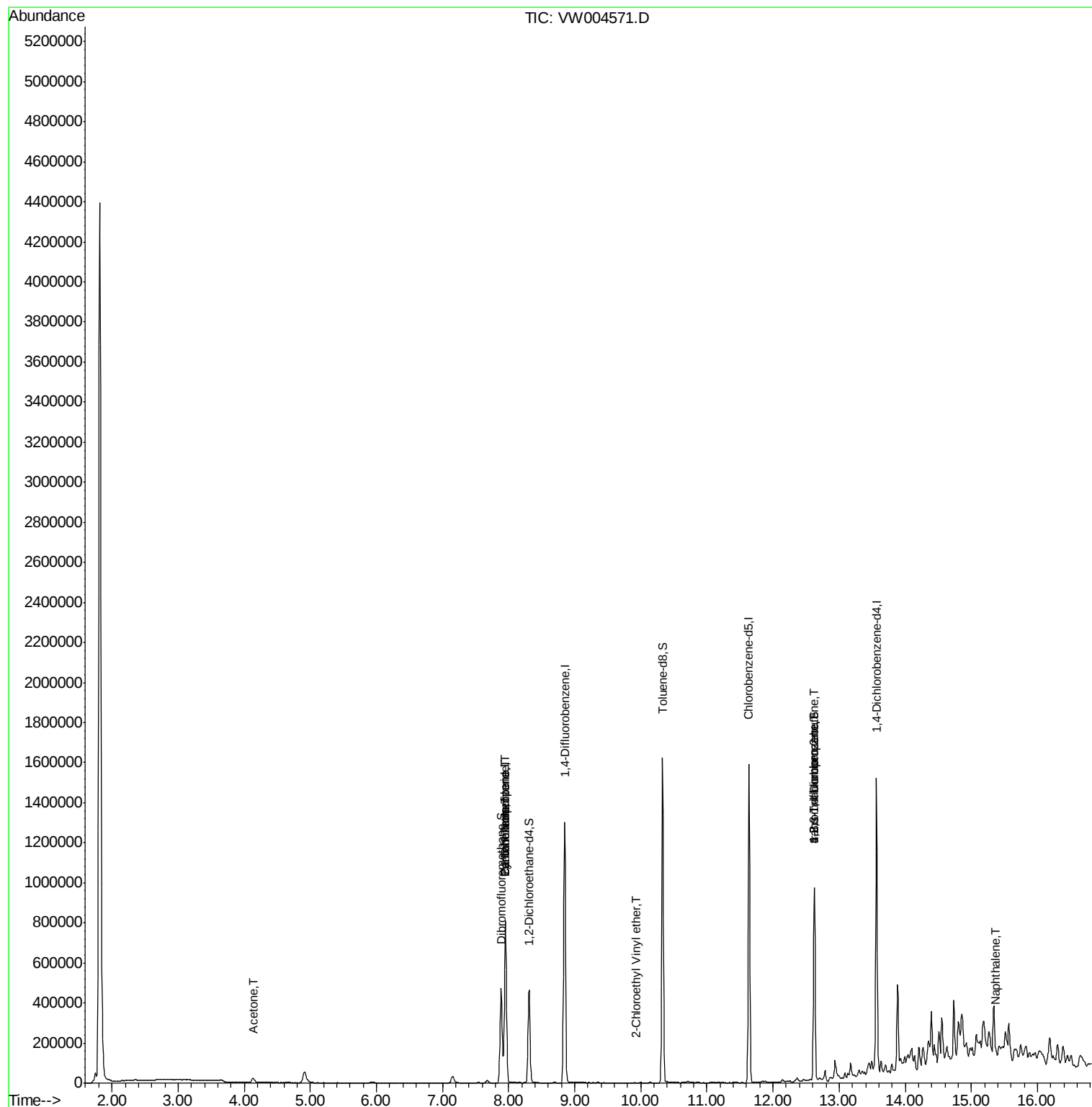
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	40717	24.458	ug/l	95
20) Methylene Chloride	4.91	84	49145	Below Cal		97
31) Cyclohexane	7.95	56	12901	1.033	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	47411	4.085	ug/l #	50
38) Carbon Tetrachloride	7.95	117	58050	5.558	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	213	8.996	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	158164	38.904	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	158164	93.131	ug/l #	13
95) Naphthalene	15.38	128	2674	3.058	ug/l #	69

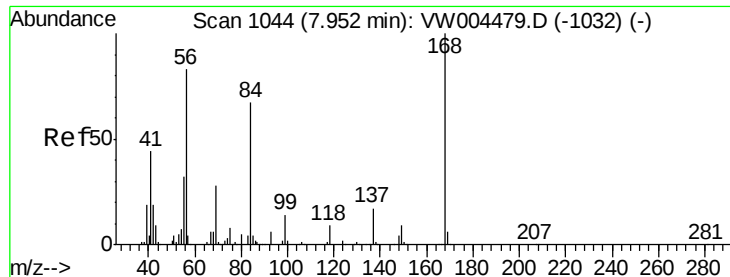
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004571.D

Acq: 10 Aug 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

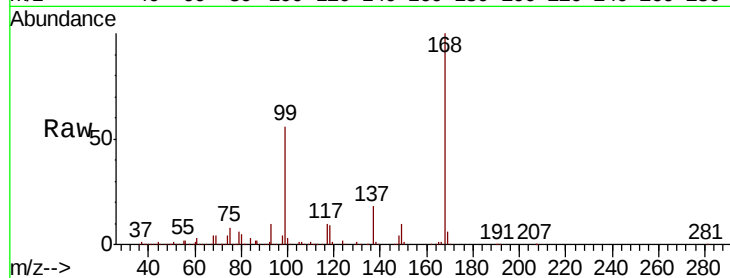
HR-05-080818-A

Tgt Ion:168 Resp: 602206

Ion Ratio Lower Upper

168 100

99 55.6 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

250000

200000

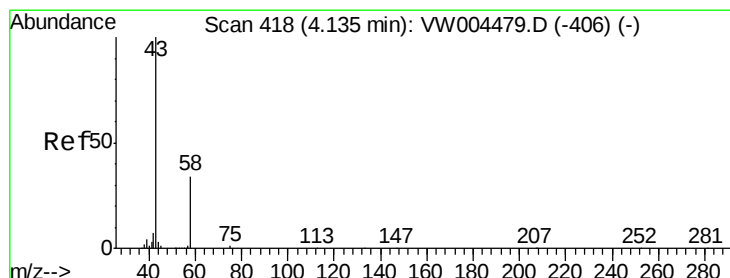
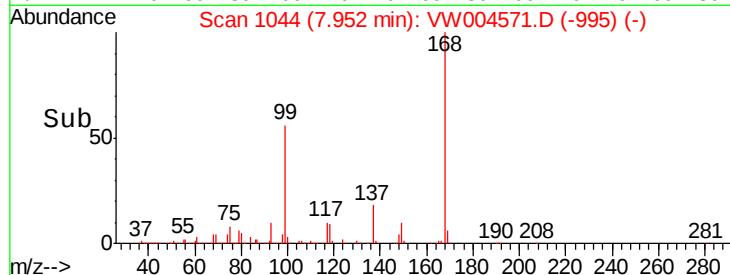
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 24.458 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004571.D

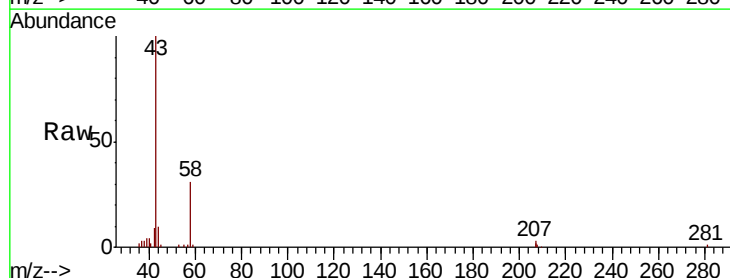
Acq: 10 Aug 2018 00:43

Tgt Ion: 43 Resp: 40717

Ion Ratio Lower Upper

43 100

58 30.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

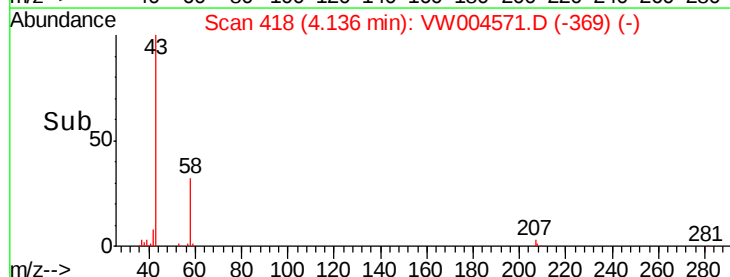
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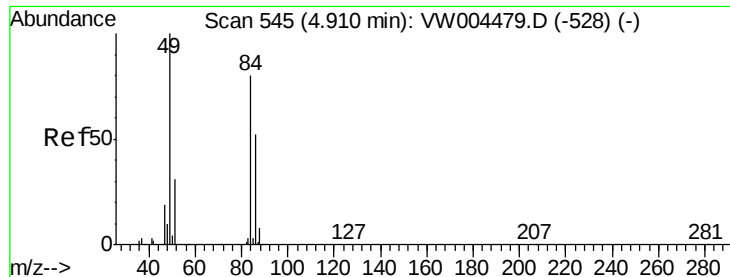
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Time-->

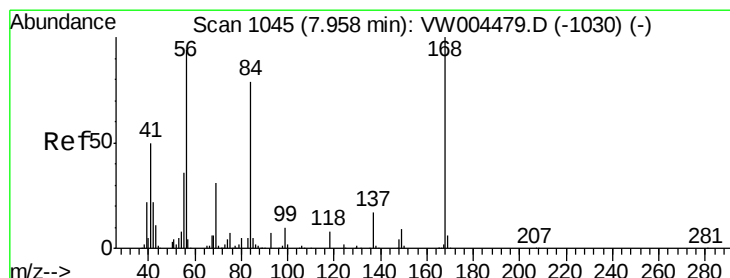
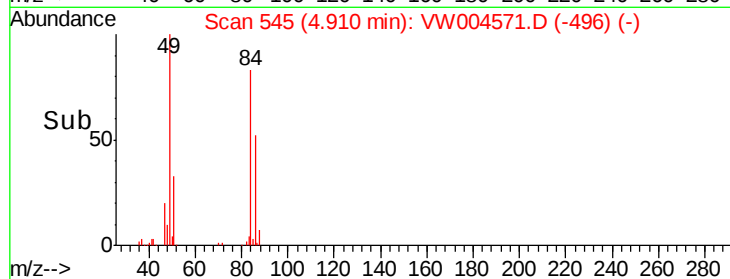
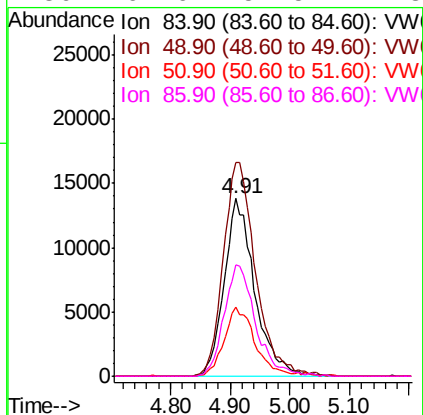
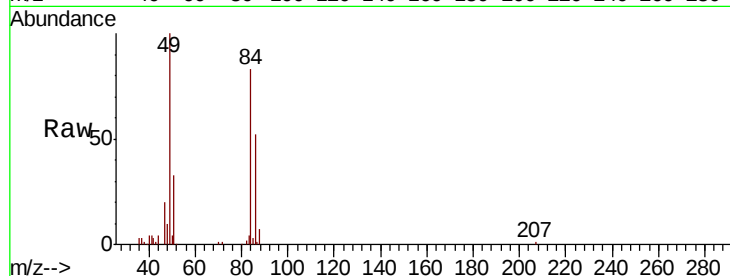




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004571.D
Acq: 10 Aug 2018 00:43

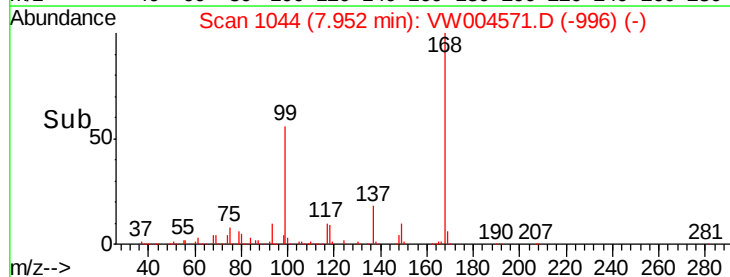
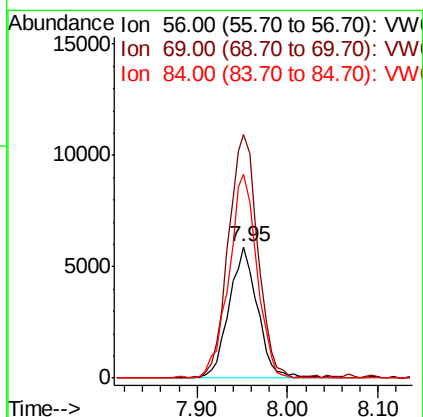
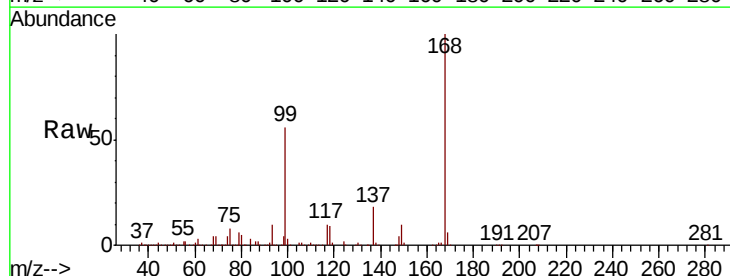
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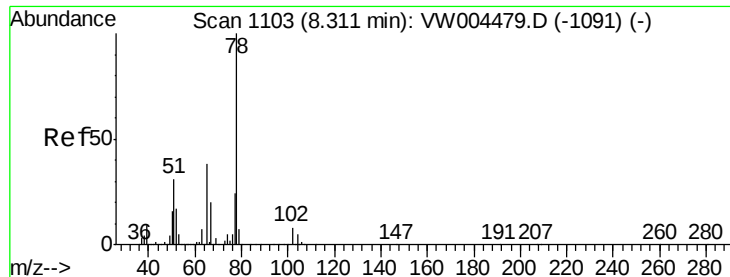
Tgt Ion:	84	Resp:	49145
Ion	Ratio	Lower	Upper
84	100		
49	120.3	99.6	149.4
51	39.3	31.0	46.4
86	62.6	51.5	77.3



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004571.D
Acq: 10 Aug 2018 00:43

Tgt Ion:	56	Resp:	12901
Ion	Ratio	Lower	Upper
56	100		
69	185.7	26.4	39.6#
84	155.9	66.9	100.3#

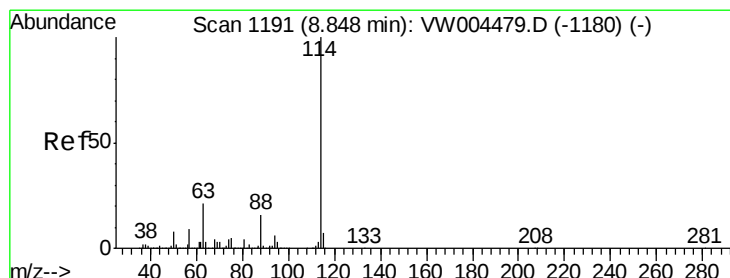
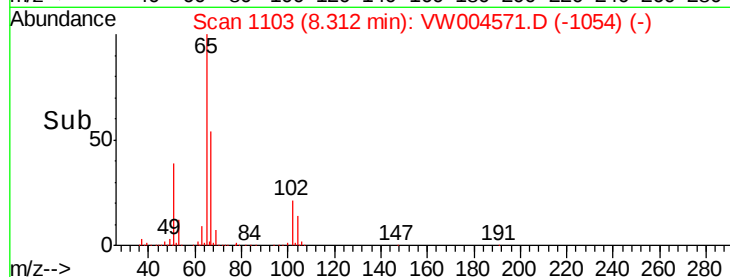
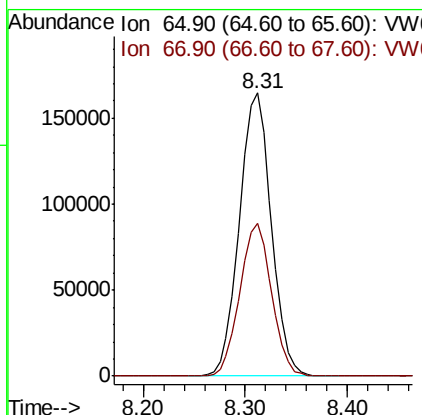
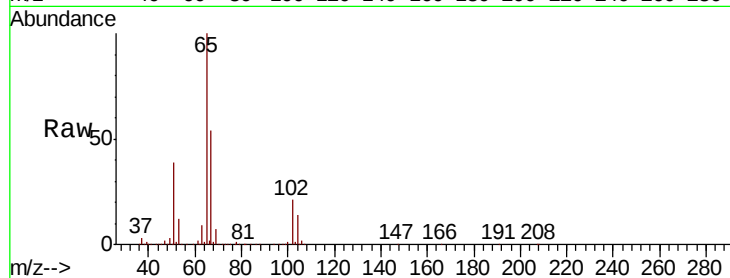




#33
 1,2-Dichloroethane-d4
 Concen: 53.699 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004571.D
 Acq: 10 Aug 2018 00:43

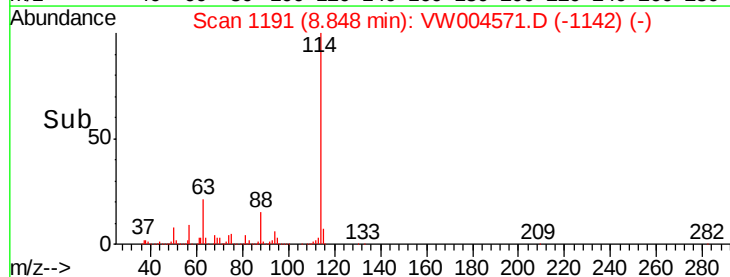
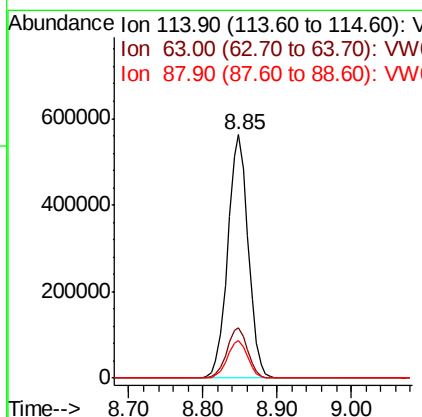
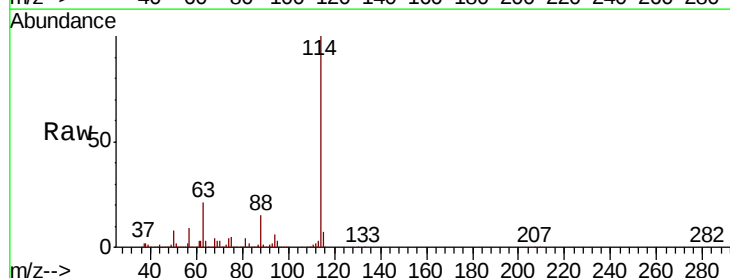
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-080818-A

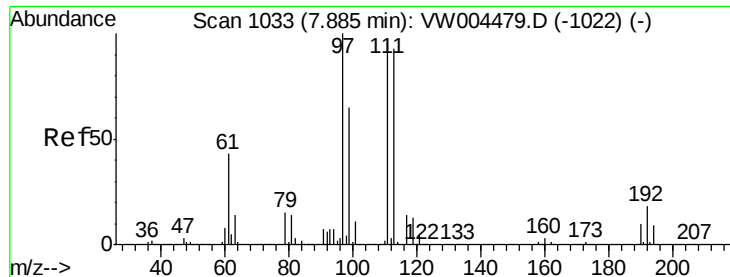
Tgt Ion: 65 Resp: 357967
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004571.D
 Acq: 10 Aug 2018 00:43

Tgt Ion: 114 Resp: 1077886
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 15.3 0.0 31.2

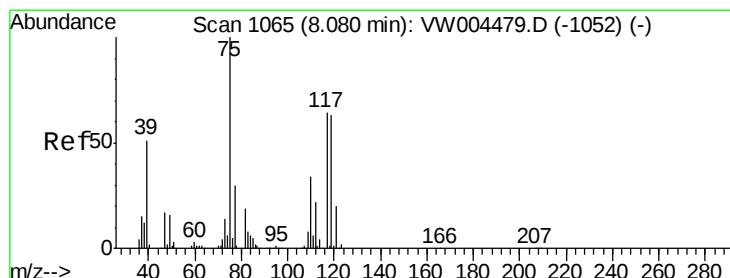
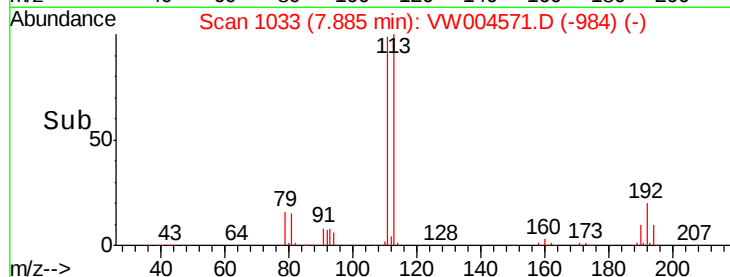
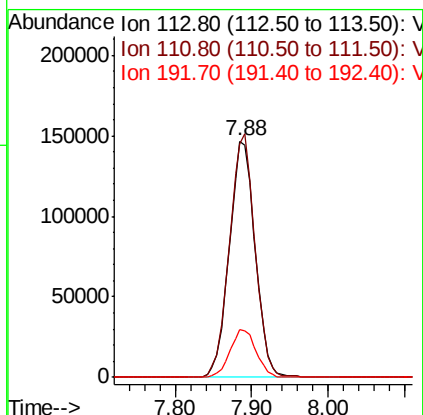
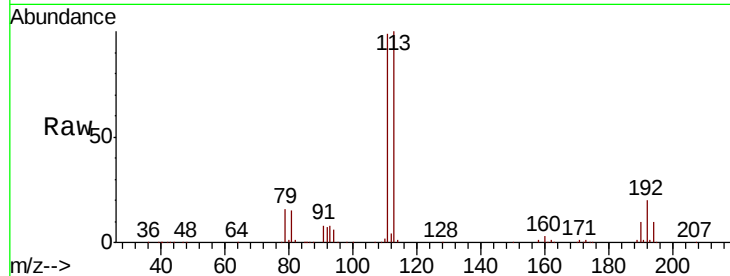




#35
 Dibromofluoromethane
 Concen: 47.570 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004571.D
 Acq: 10 Aug 2018 00:43

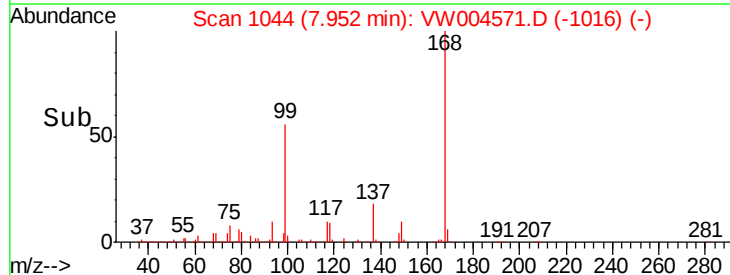
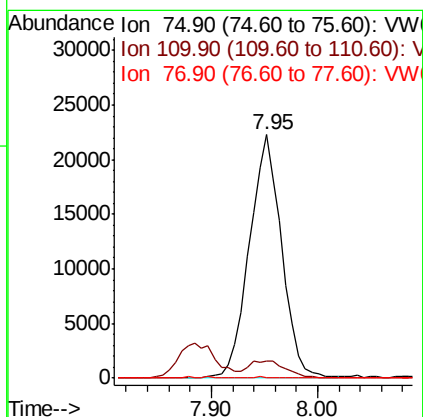
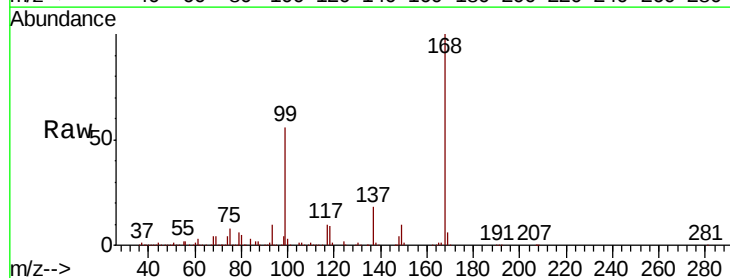
Instrument :
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 ClientSampleId :
 HR-05-080818-A

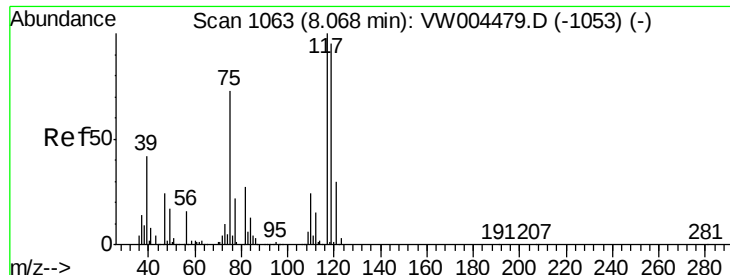
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	20.3	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.085 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004571.D
 Acq: 10 Aug 2018 00:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.4	52.2#
77	0.2	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.558 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004571.D

Acq: 10 Aug 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

HR-05-080818-A

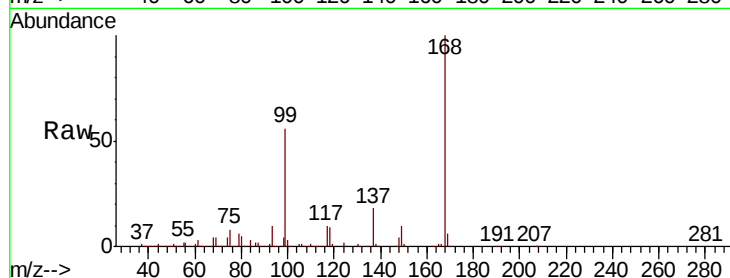
Tgt Ion:117 Resp: 58050

Ion Ratio Lower Upper

117 100

119 5.4 76.1 114.1#

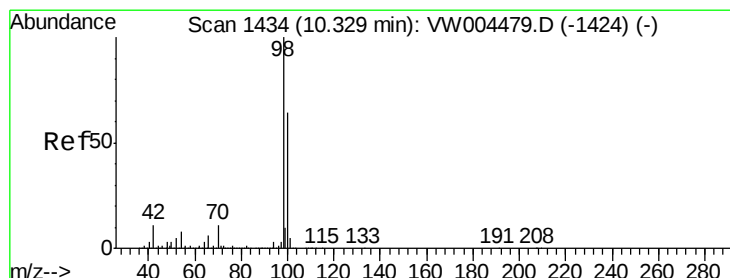
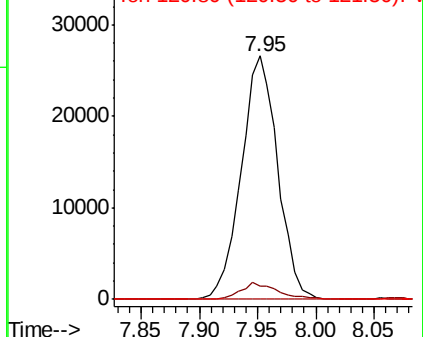
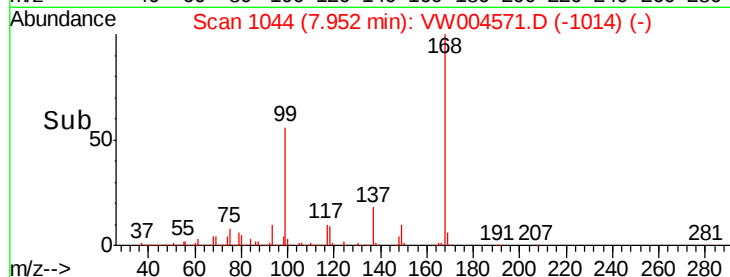
121 0.0 24.2 36.4#



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: 38.666 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004571.D

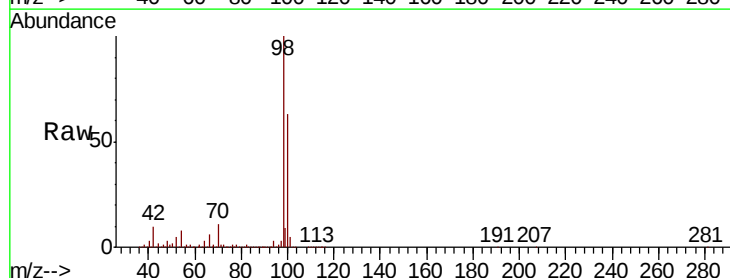
Acq: 10 Aug 2018 00:43

Tgt Ion: 98 Resp: 1059430

Ion Ratio Lower Upper

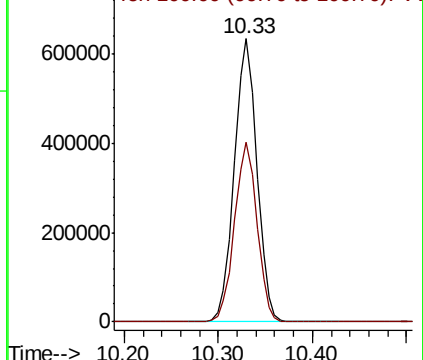
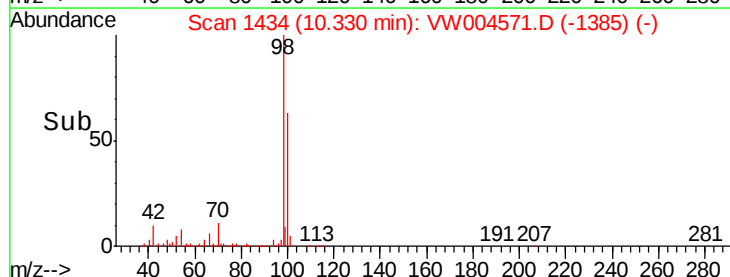
98 100

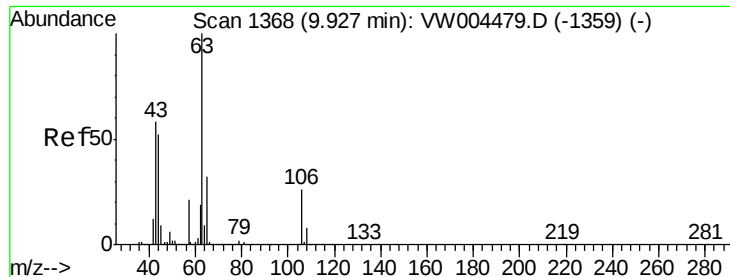
100 63.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

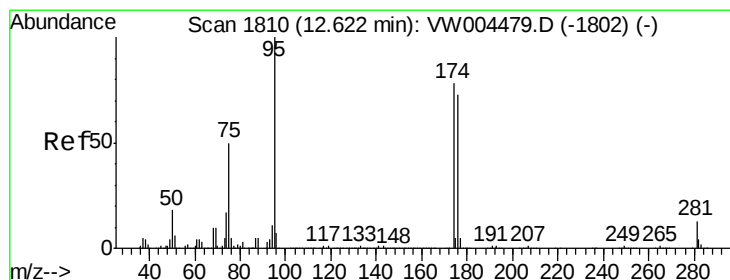
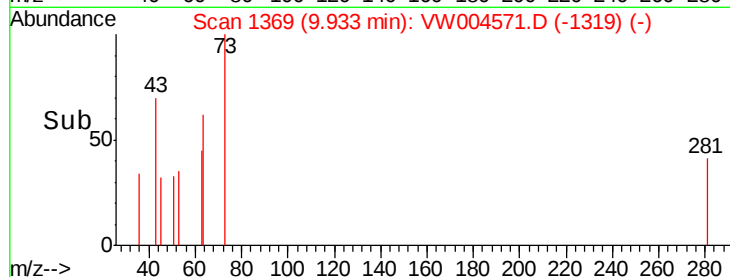
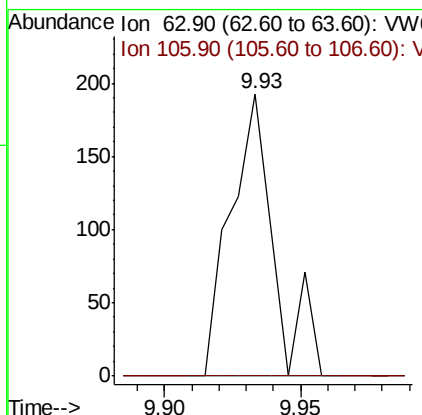
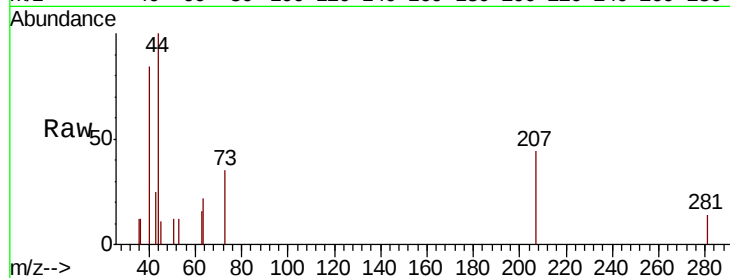




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.996 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VW004571.D
 Acq: 10 Aug 2018 00:43

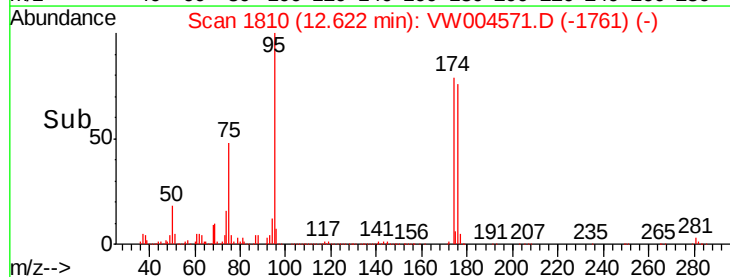
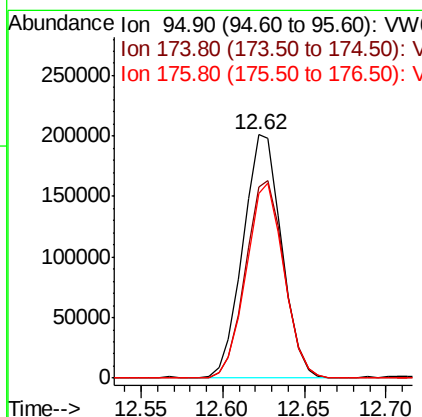
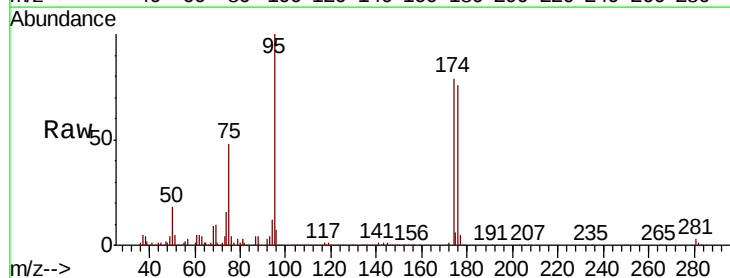
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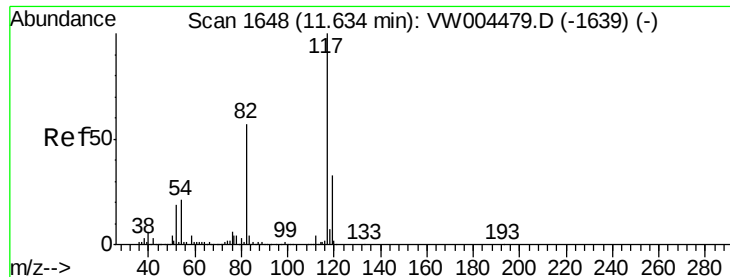
Tgt Ion: 63 Resp: 213
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 33.392 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004571.D
 Acq: 10 Aug 2018 00:43

Tgt Ion: 95 Resp: 329571
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 160.4
 176 78.7 0.0 153.2

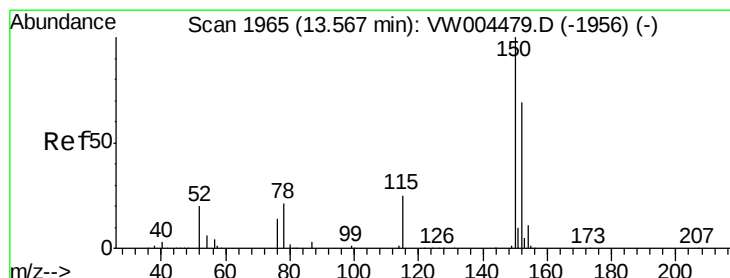
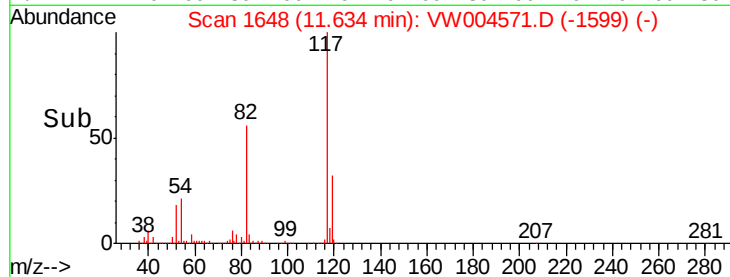
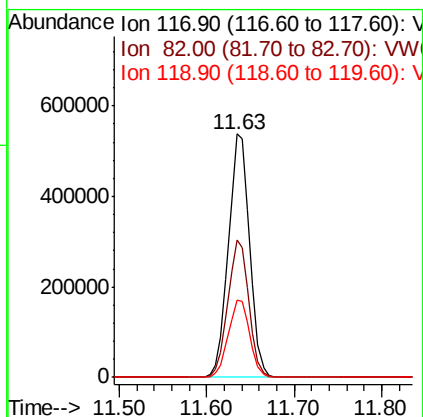
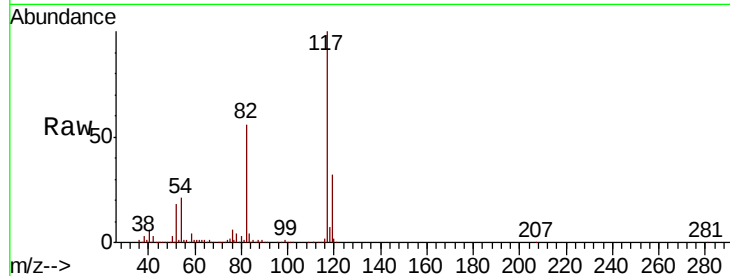




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VW004571.D
 Acq: 10 Aug 2018 00:43

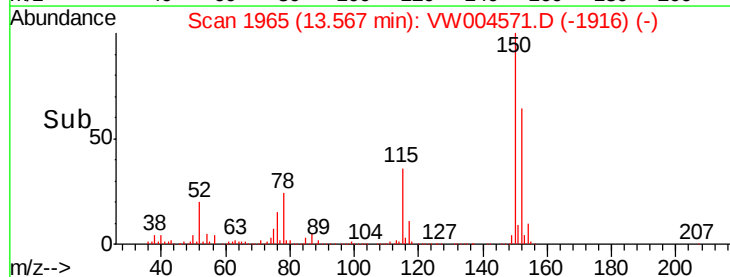
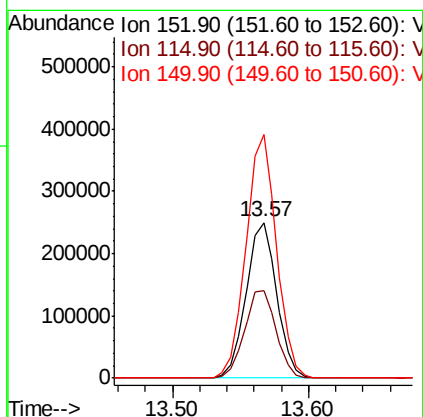
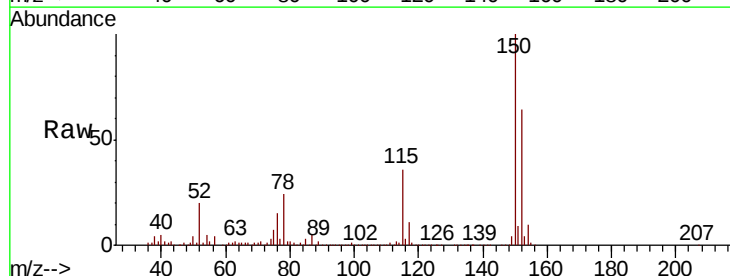
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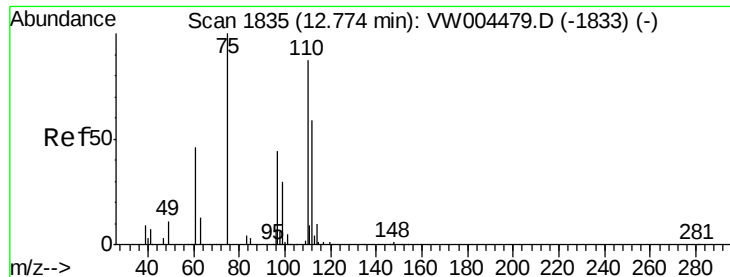
Tgt Ion:117 Resp: 906941
 Ion Ratio Lower Upper
 117 100
 82 56.5 45.3 67.9
 119 31.6 26.2 39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW004571.D
 Acq: 10 Aug 2018 00:43

Tgt Ion:152 Resp: 392887
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.1 87.3
 150 156.0 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 38.904 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004571.D

Acq: 10 Aug 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

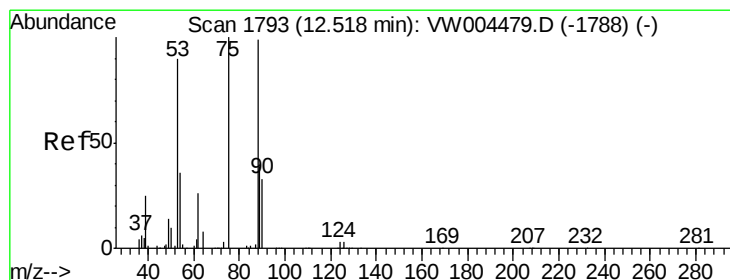
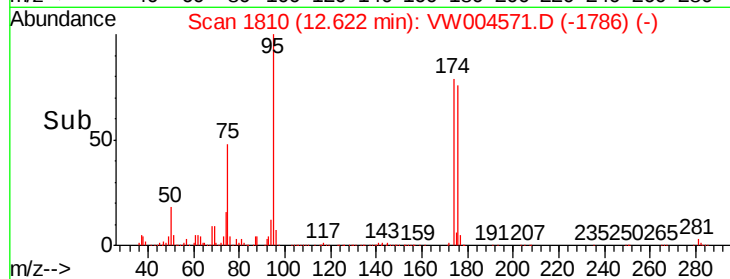
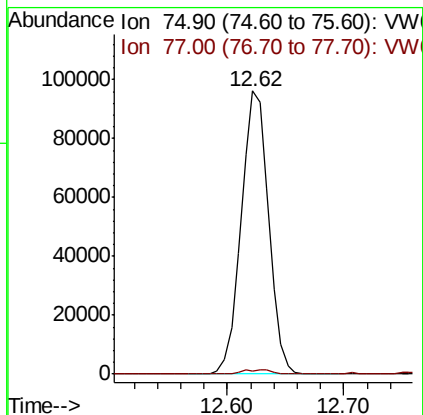
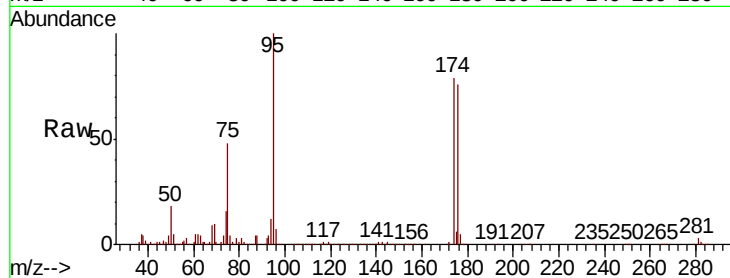
HR-05-080818-A

Tgt Ion: 75 Resp: 158164

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.131 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004571.D

Acq: 10 Aug 2018 00:43

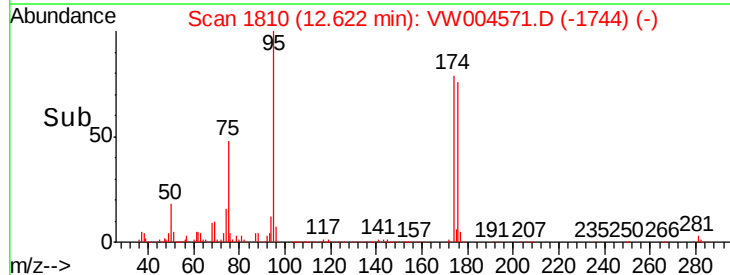
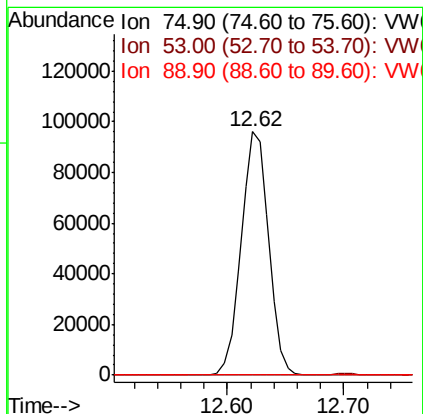
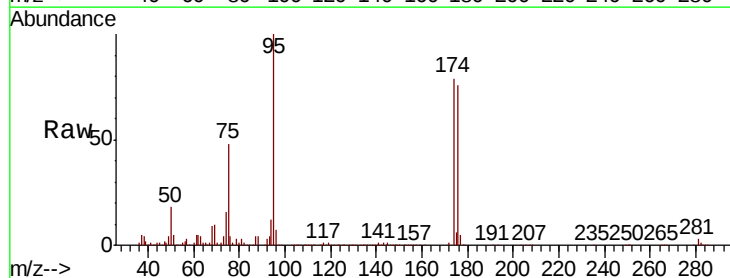
Tgt Ion: 75 Resp: 158164

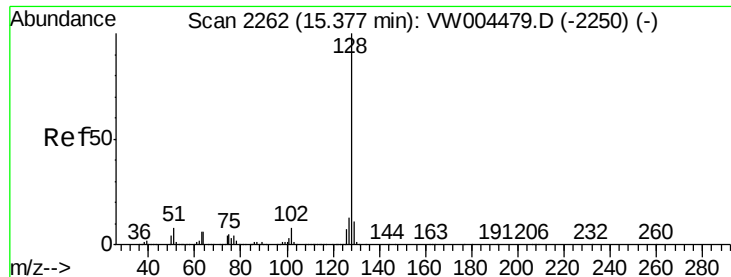
Ion Ratio Lower Upper

75 100

53 0.4 74.4 111.6#

89 0.1 35.9 53.9#





#95

Naphthalene

Concen: 3.058 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004571.D

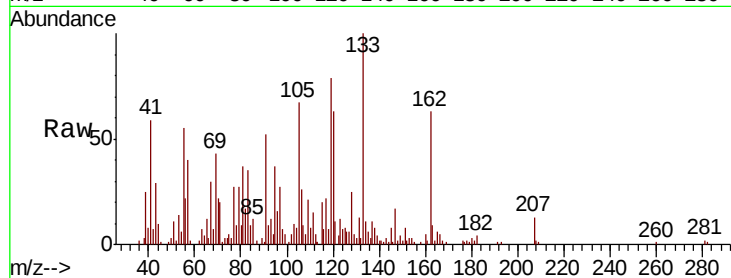
Acq: 10 Aug 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

HR-05-080818-A



Tgt Ion:128 Resp: 2674

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

