

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004881.D
 Acq On : 22 Aug 2018 10:28
 Operator : SY/AP
 Sample : J4283-05
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-082118

Quant Time: Aug 22 10:54:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	507968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	870425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	722519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	277589	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	271042	55.19	ug/l	0.00
Spiked Amount			Recovery	=	110.38%	
35) Dibromofluoromethane	7.89	113	266757	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	10.33	98	812159	37.40	ug/l	0.00
Spiked Amount			Recovery	=	74.80%	
62) 4-Bromofluorobenzene	12.62	95	251755	32.22	ug/l	0.00
Spiked Amount			Recovery	=	64.44%	

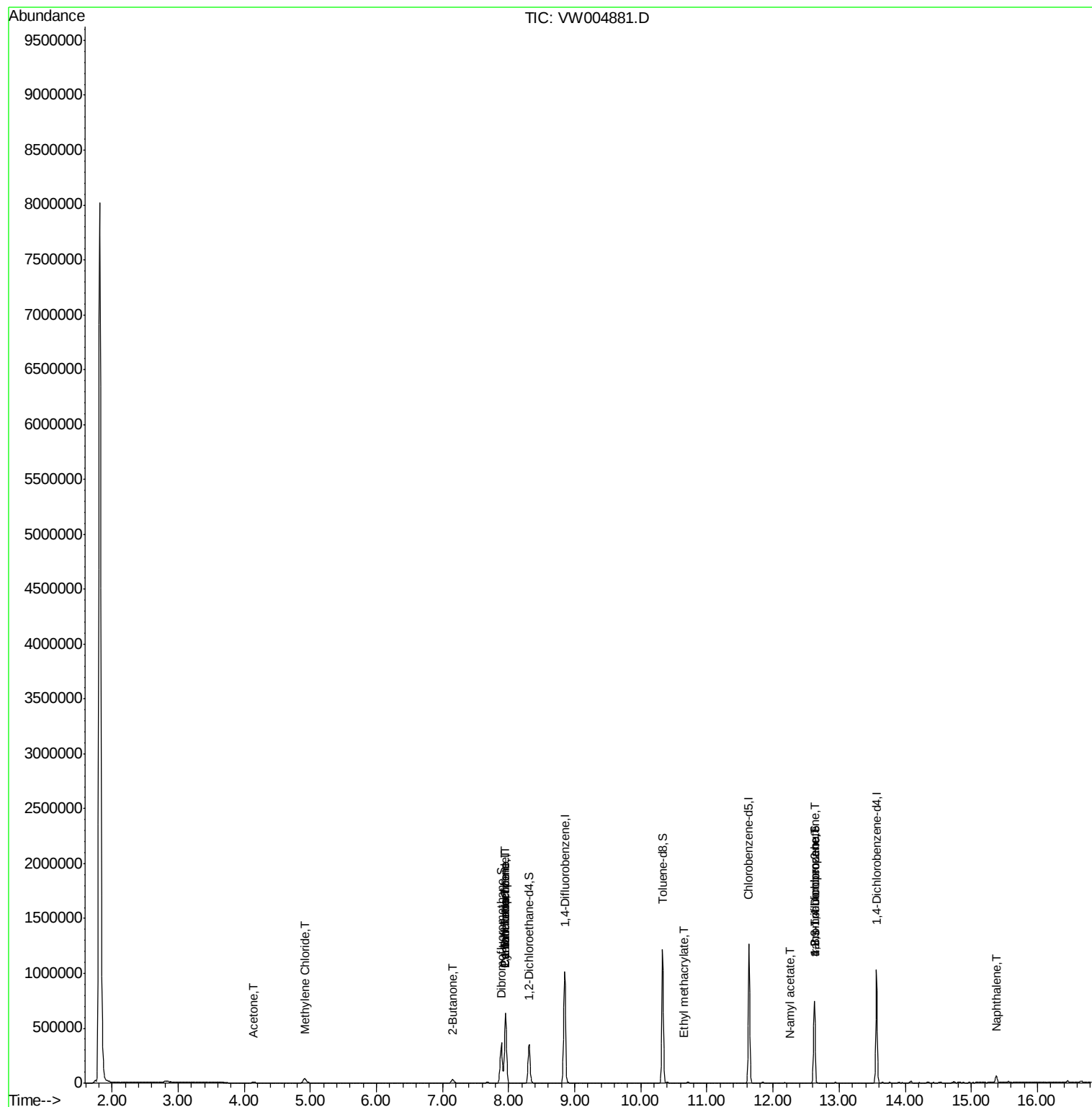
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	14754	11.77	ug/l	99
20) Methylene Chloride	4.91	84	35128	1.99	ug/l	92
25) 2-Butanone	7.15	43	2541	1.42	ug/l #	68
31) Cyclohexane	7.96	56	9793	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	37019	4.13	ug/l #	49
38) Carbon Tetrachloride	7.95	117	45838	5.55	ug/l #	16
56) Ethyl methacrylate	10.66	69	72	2.99	ug/l #	1
74) N-amyl acetate	12.26	43	215	4.06	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	118161	48.29	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	118161	112.23	ug/l #	14
95) Naphthalene	15.38	128	54224	7.91	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

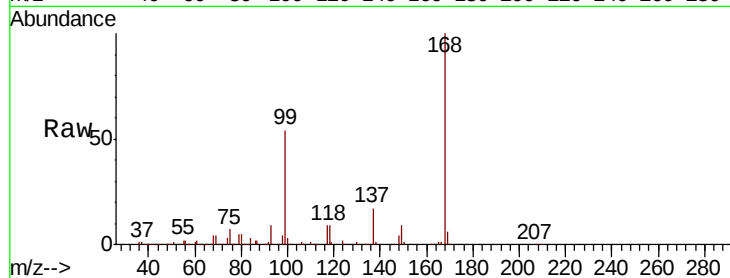
TR-04-082118

Tot Ion:168 Resp: 507968

Ion Ratio Lower Upper

168 100

99 54.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

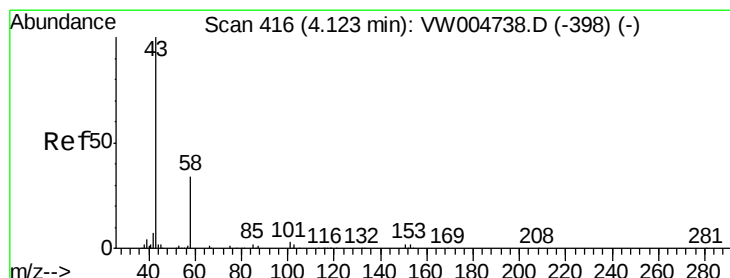
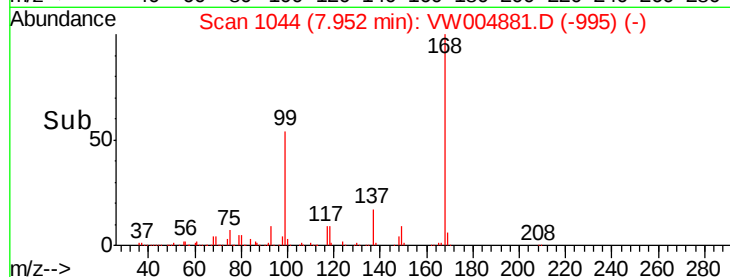
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.77 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004881.D

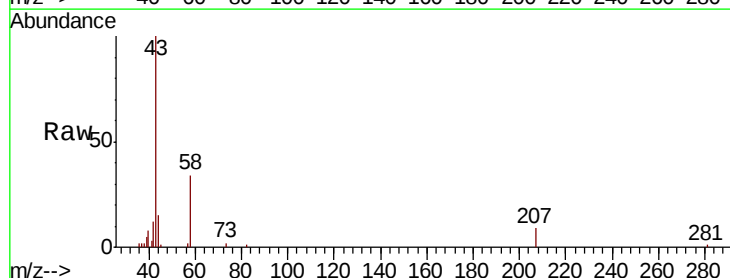
Acq: 22 Aug 2018 10:28

Tgt Ion: 43 Resp: 14754

Ion Ratio Lower Upper

43 100

58 33.7 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

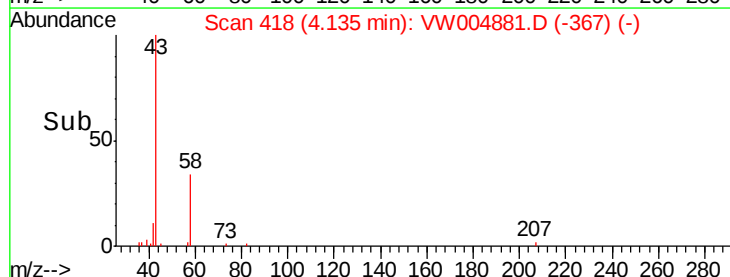
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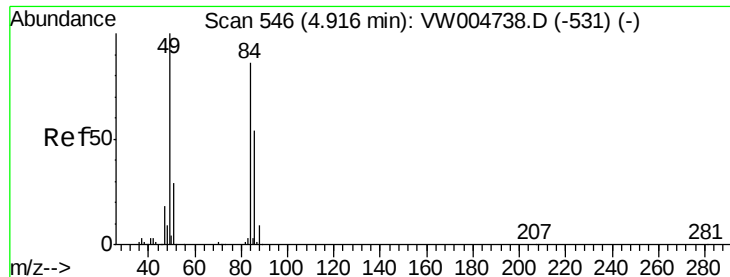
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1000

0

Time-->

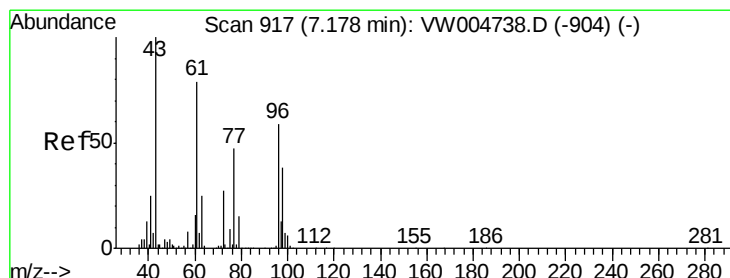
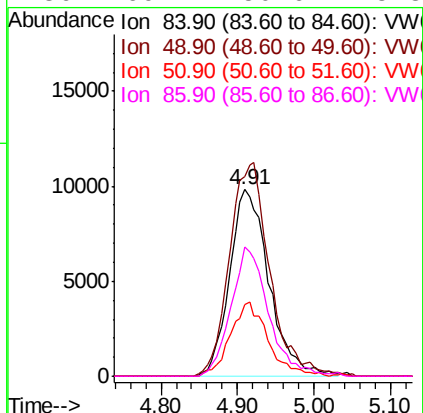
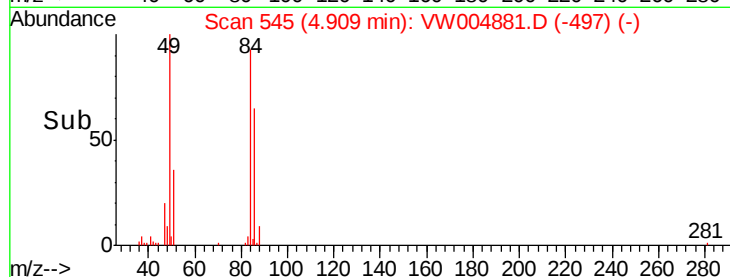
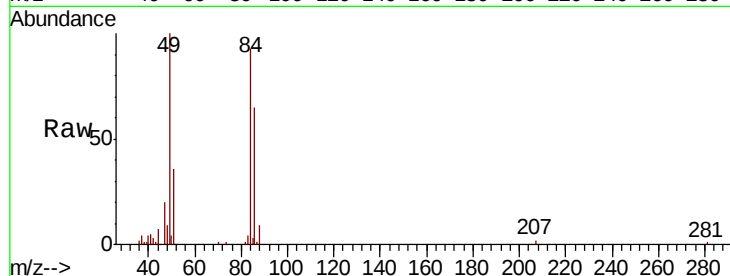




#20
Methvlene Chloride
Concen: 1.99 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

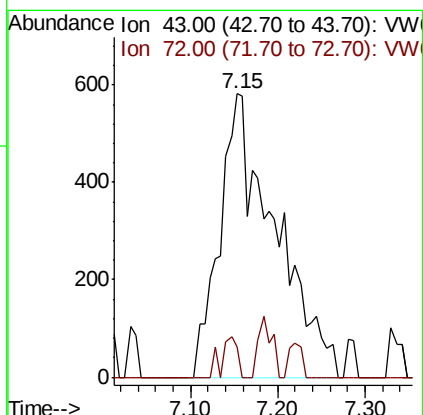
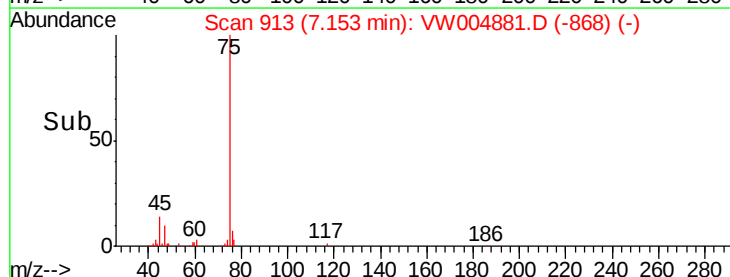
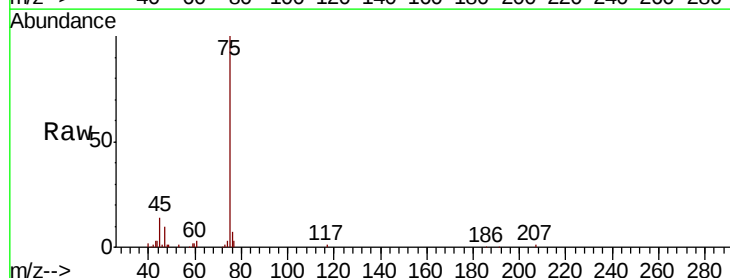
Instrument :
MSVOA_W
ClientSampleId :
TR-04-082118

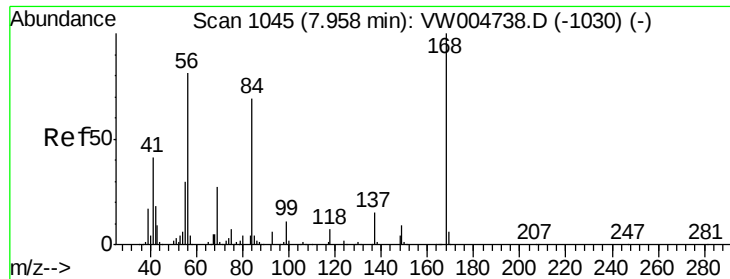
Tot Ion: 84 Resp: 35128
Ion Ratio Lower Upper
84 100
49 107.2 93.2 139.8
51 38.4 27.4 41.0
86 69.2 50.6 75.8



#25
2-Butanone
Concen: 1.42 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.02 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

Tgt Ion: 43 Resp: 2541
Ion Ratio Lower Upper
43 100
72 10.8 22.0 33.0#

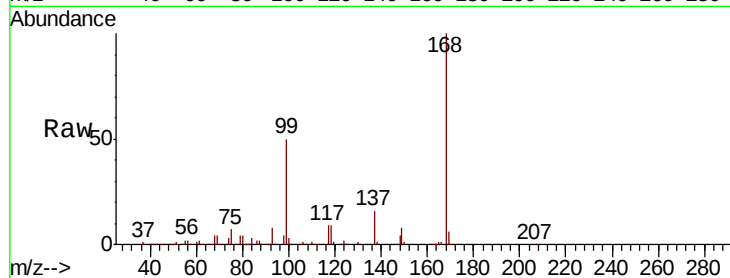




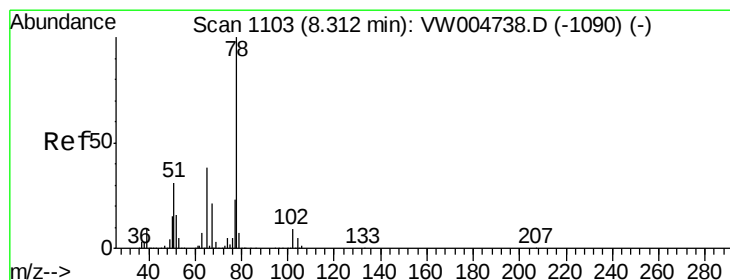
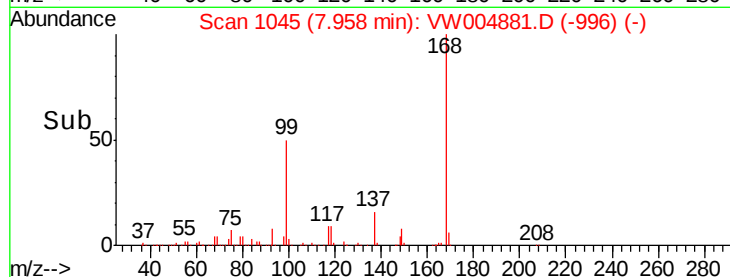
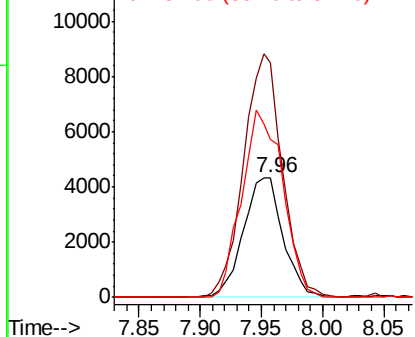
#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
TR-04-082118

Tot Ion: 56 Resp: 9793
Ion Ratio Lower Upper
56 100
69 195.5 27.1 40.7#
84 131.7 68.3 102.5#

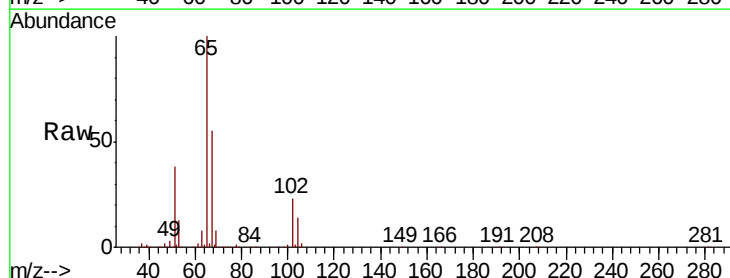


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

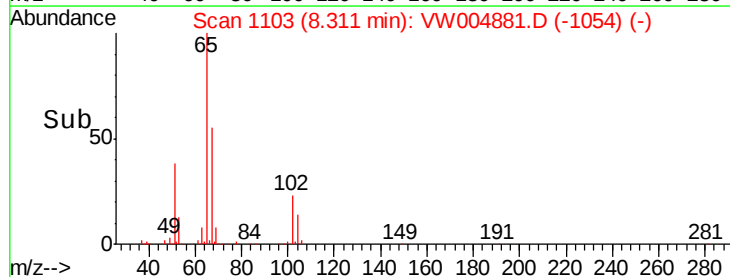
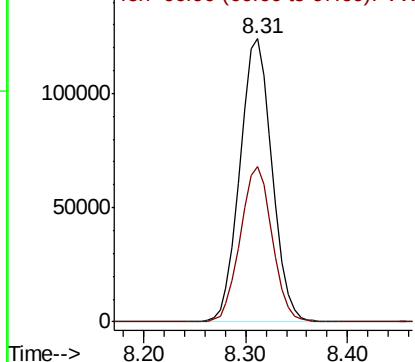


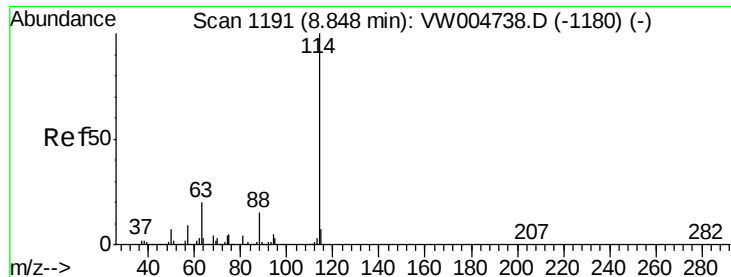
#33
1,2-Dichloroethane-d4
Concen: 55.19 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

Tgt Ion: 65 Resp: 271042
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

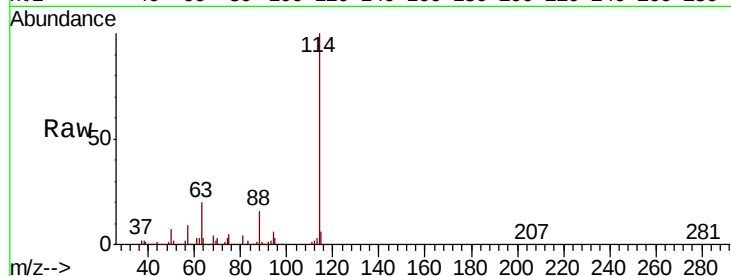




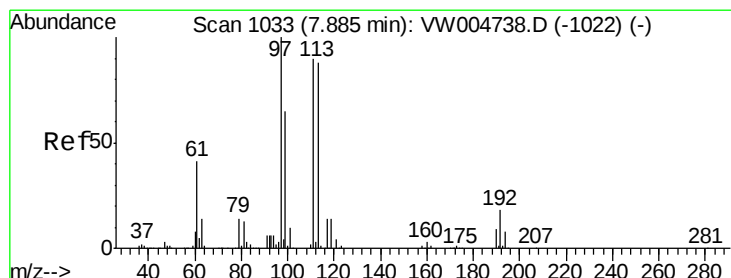
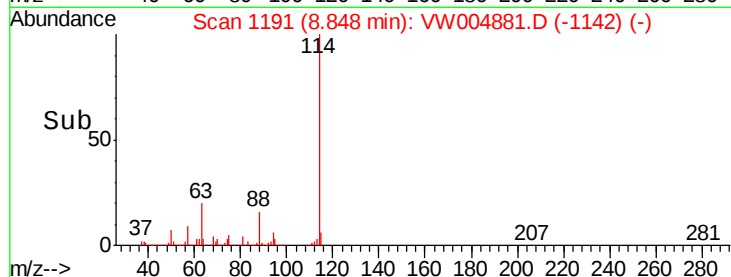
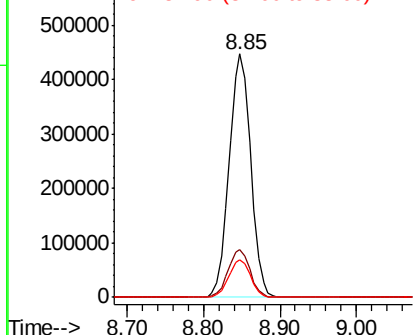
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004881.D
 Acq: 22 Aug 2018 10:28

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 TR-04-082118

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.6	0.0	30.0

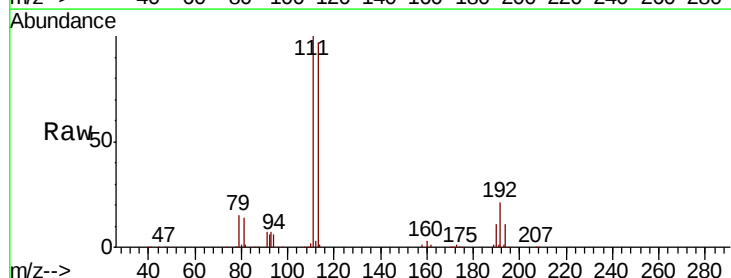


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

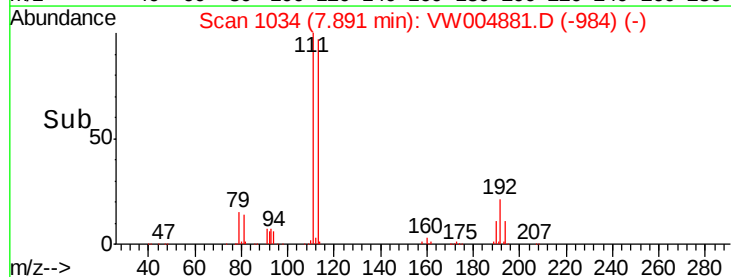
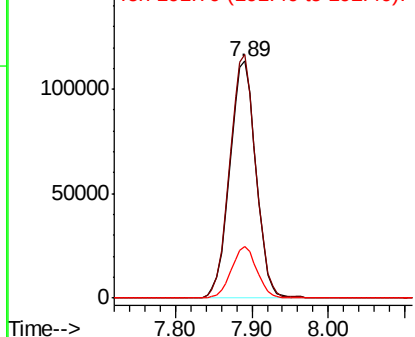


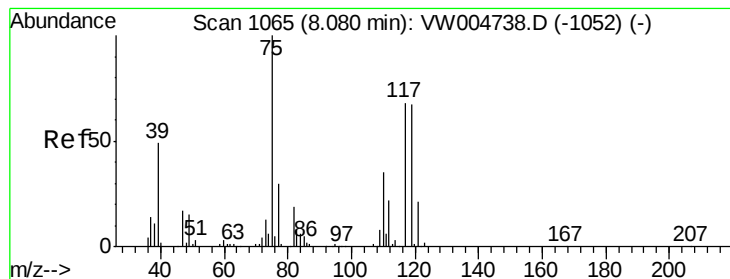
#35
 Dibromofluoromethane
 Concen: 47.95 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004881.D
 Acq: 22 Aug 2018 10:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	21.2	16.7	25.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.13 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

TR-04-082118

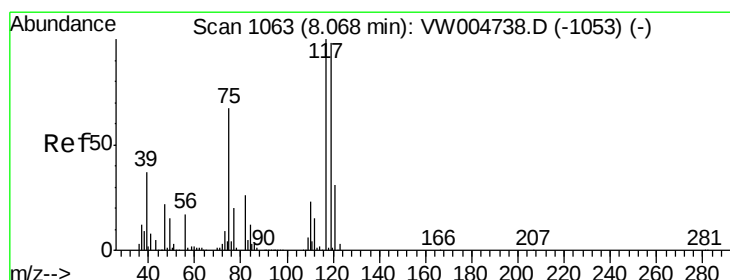
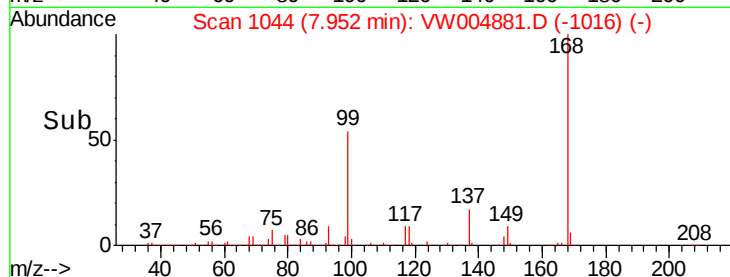
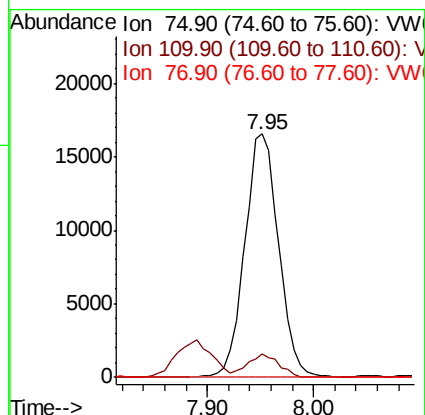
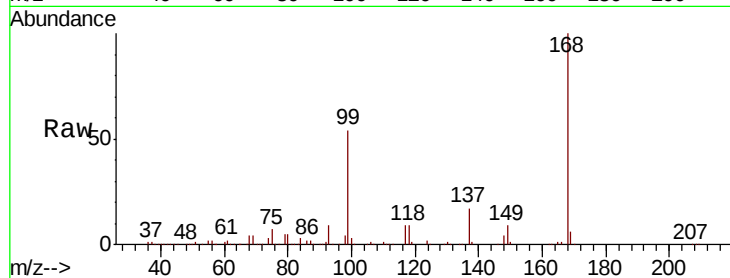
Tot Ion: 75 Resp: 37019

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.55 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

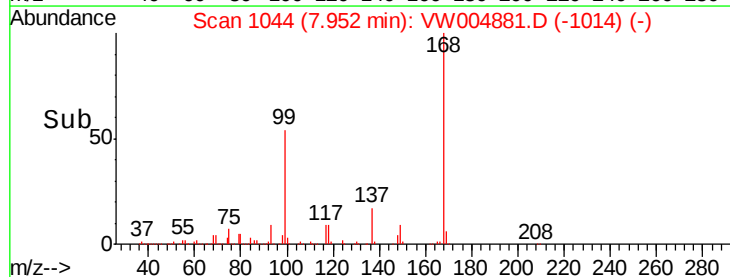
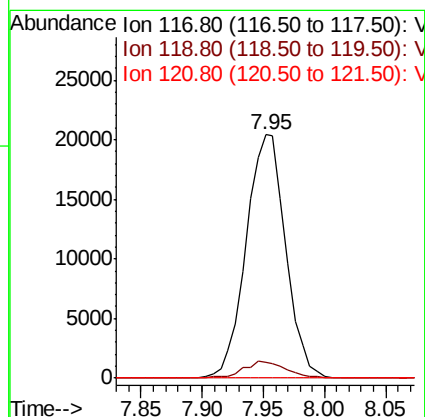
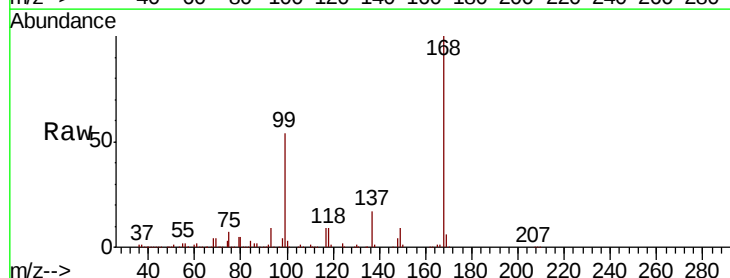
Tgt Ion: 117 Resp: 45838

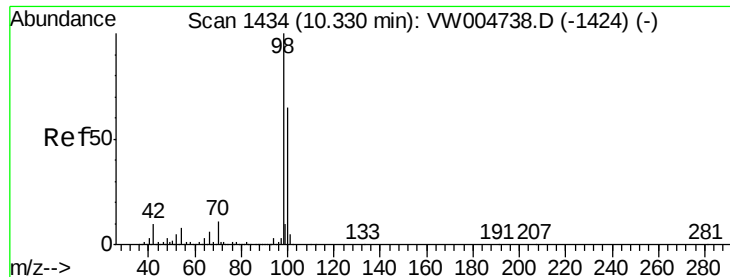
Ion Ratio Lower Upper

117 100

119 6.7 78.0 117.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 37.40 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

Instrument :

MSVOA_W

ClientSampled :

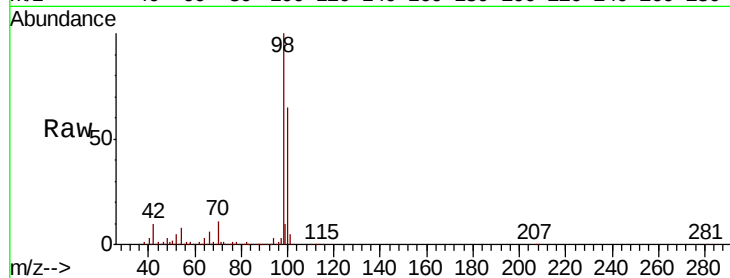
TR-04-082118

Tot Ion: 98 Resp: 812159

Ion Ratio Lower Upper

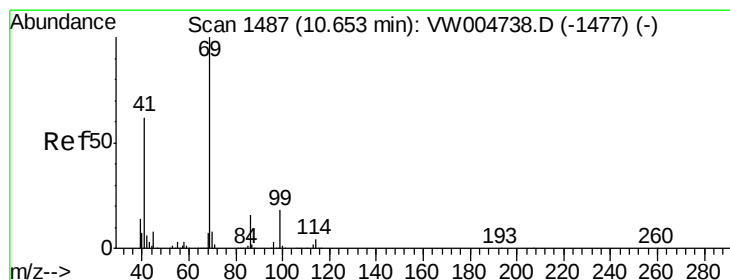
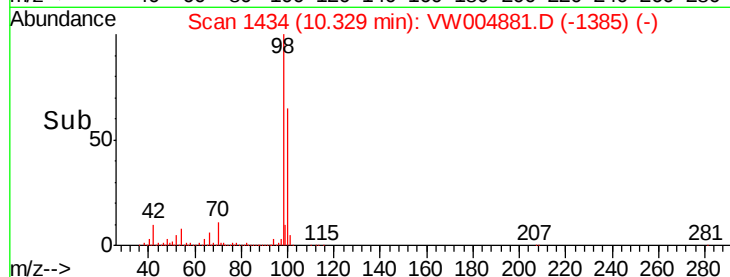
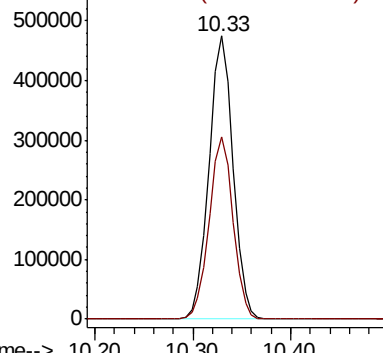
98 100

100 63.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#56

Ethyl methacrylate

Concen: 2.99 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

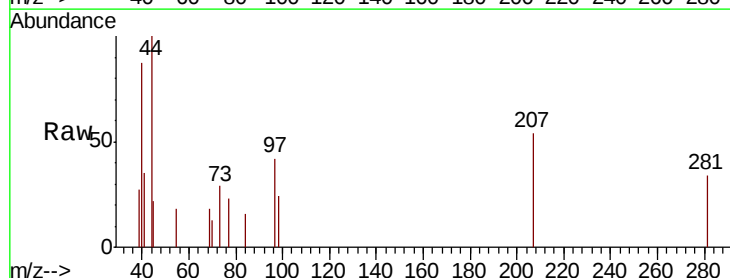
Tgt Ion: 69 Resp: 72

Ion Ratio Lower Upper

69 100

41 361.1 50.7 76.1#

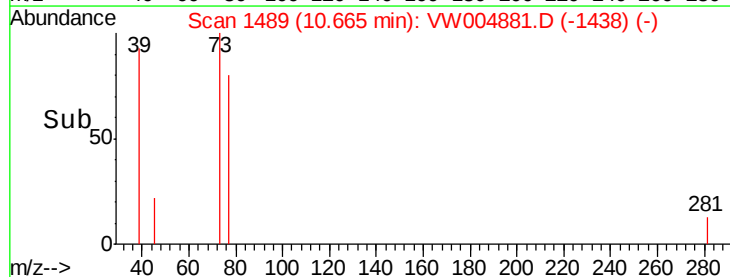
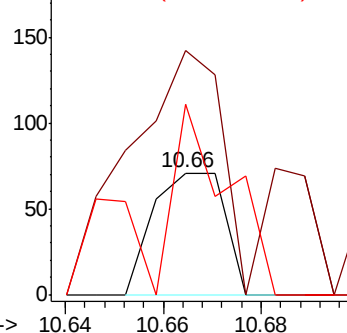
39 176.4 21.4 32.2#

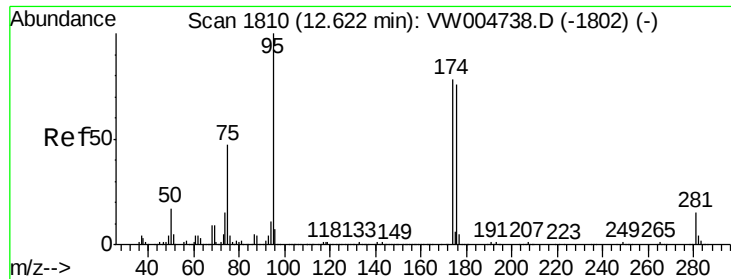


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

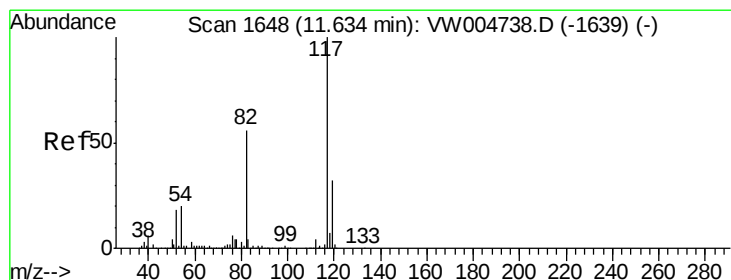
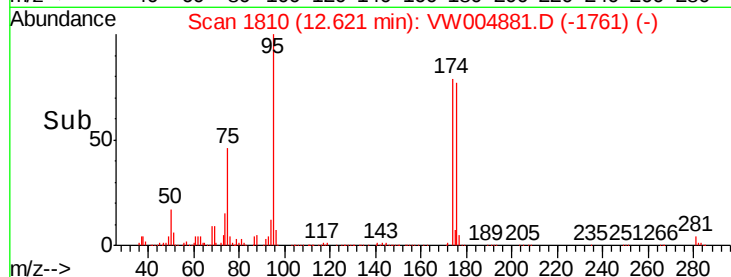
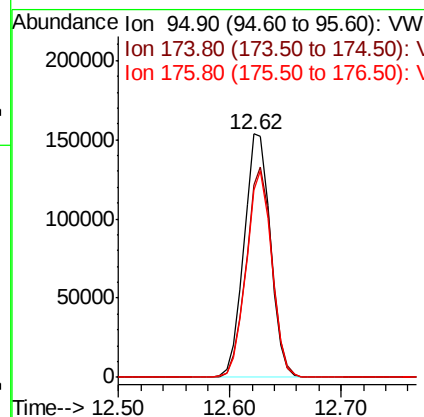
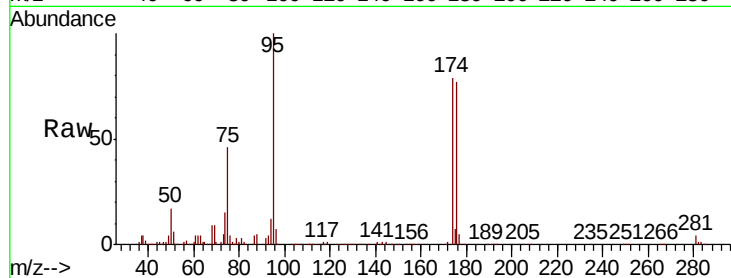




#62
4-Bromofluorobenzene
Concen: 32.22 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

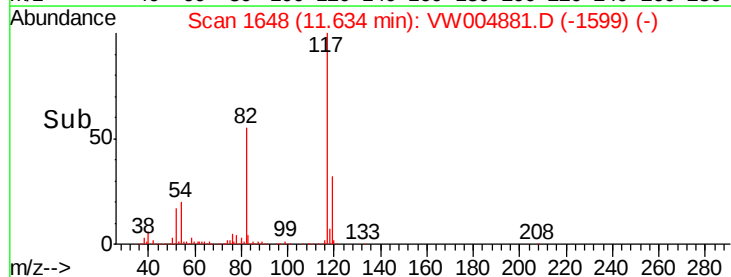
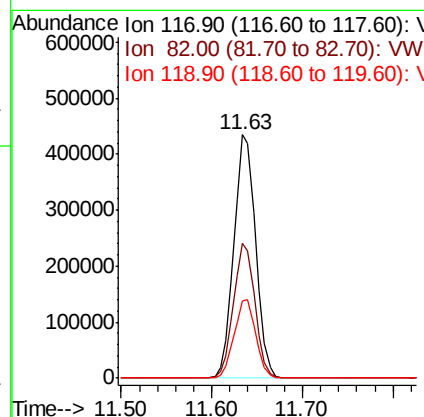
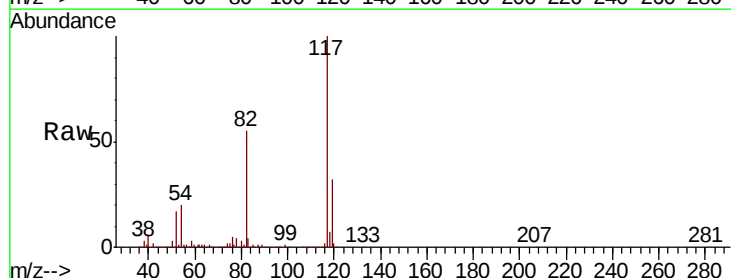
Instrument :
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TR-04-082118

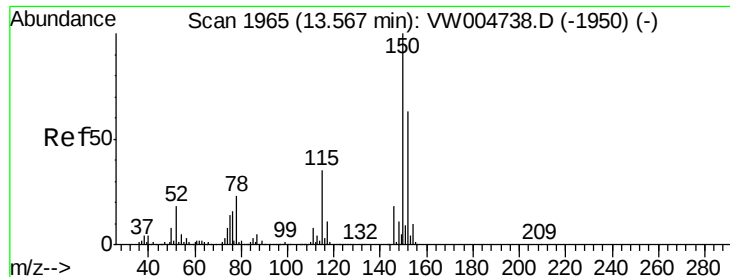
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	165.8
176	82.3	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.6	67.0
119	31.7	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

TR-04-082118

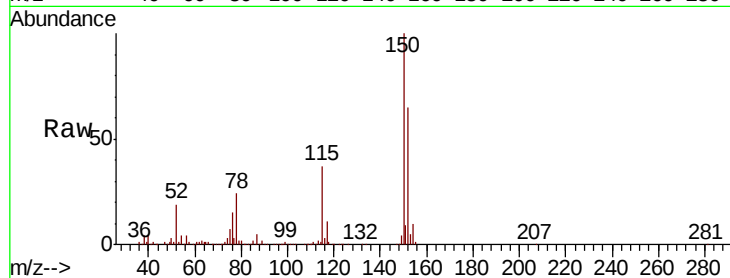
Tot Ion:152 Resp: 277589

Ion Ratio Lower Upper

152 100

115 57.4 28.5 85.5

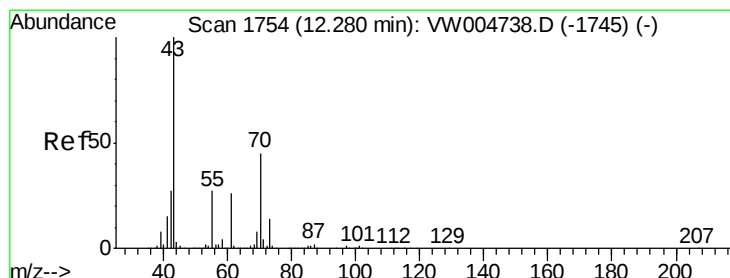
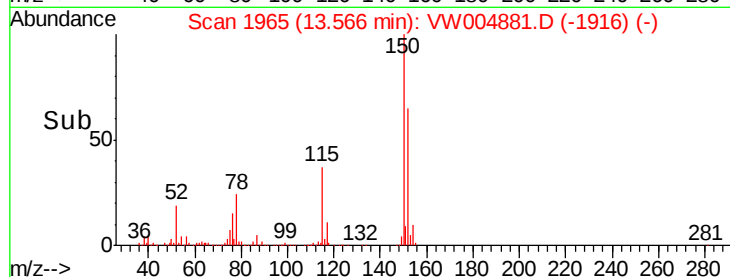
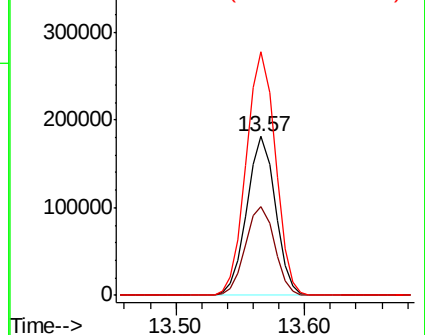
150 157.3 0.0 344.8



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



#74

N-ethyl acetate

Concen: 4.06 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

Tgt Ion: 43 Resp: 215

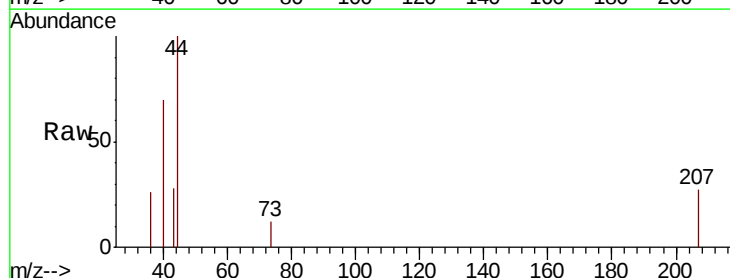
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 0.0 22.6 33.8#

61 0.0 20.2 30.4#

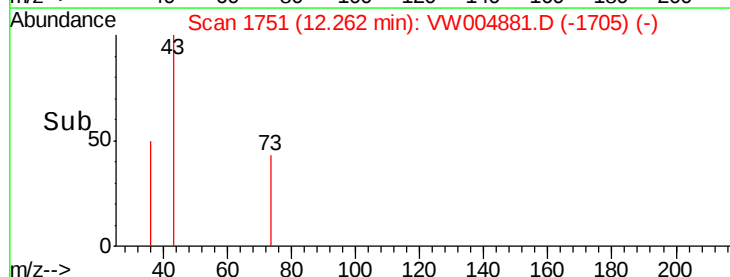
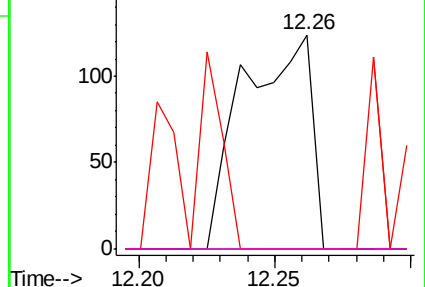


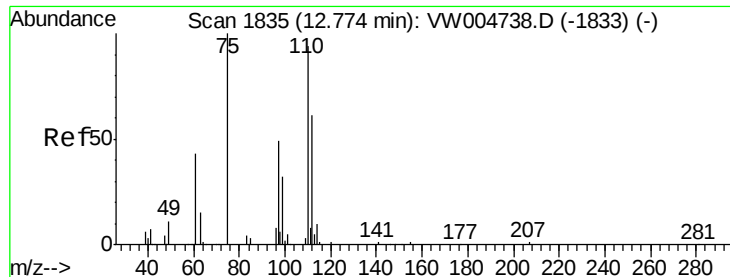
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 48.29 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

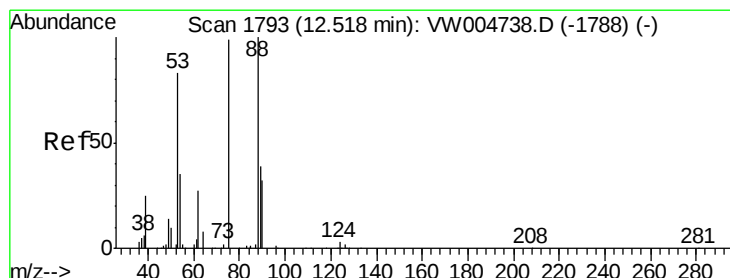
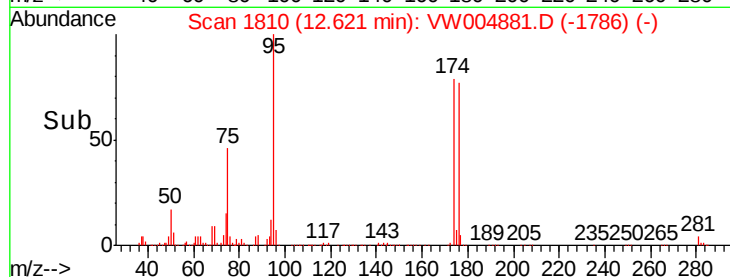
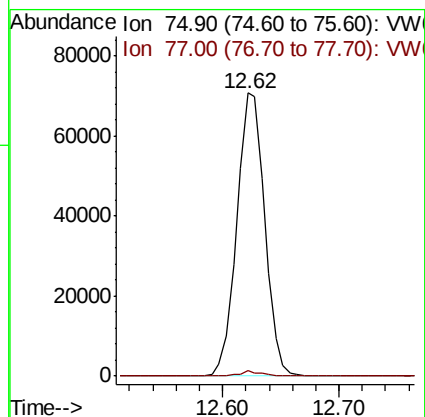
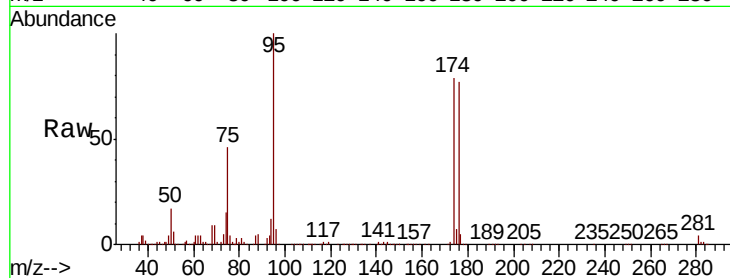
TR-04-082118

Tot Ion: 75 Resp: 118161

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.23 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

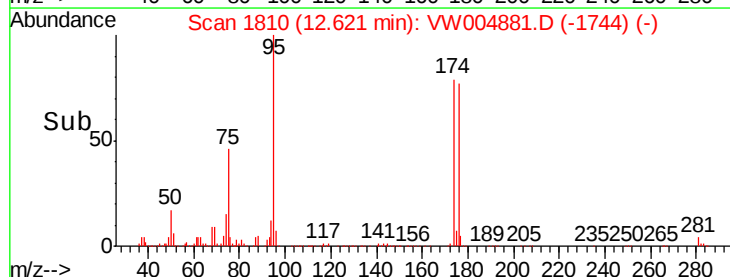
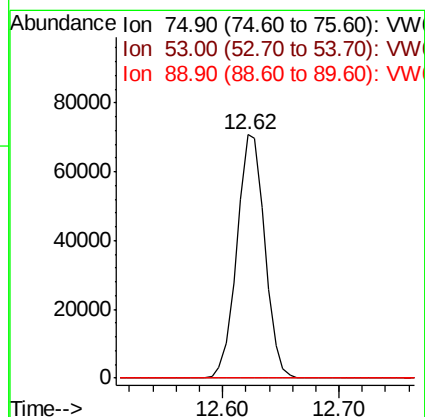
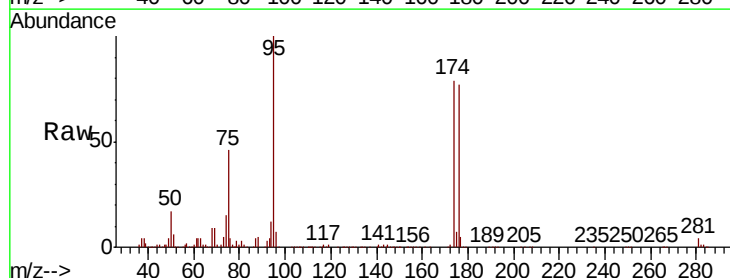
Tgt Ion: 75 Resp: 118161

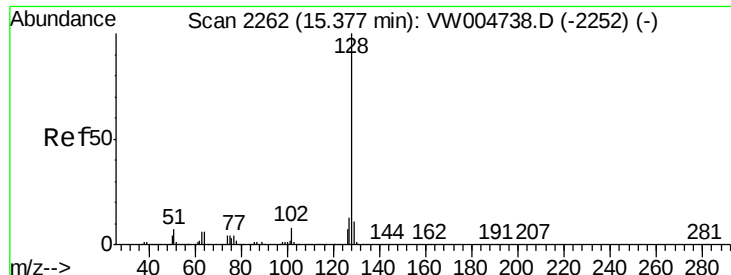
Ion Ratio Lower Upper

75 100

53 0.3 72.2 108.4#

89 0.0 35.2 52.8#

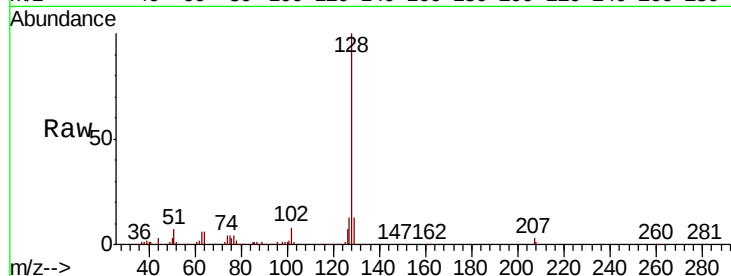




#95
Naphthalene
Concen: 7.91 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

Instrument :
MSVOA_W
ClientSampleId :
TR-04-082118

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	12.1	8.6	13.0



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

