

Data File : VW005904.D
Acq On : 08 Oct 2018 19:00
Operator : SY/AP
Sample : J5255-04
Misc : 6.68G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-2

Quant Time: Oct 09 06:11:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

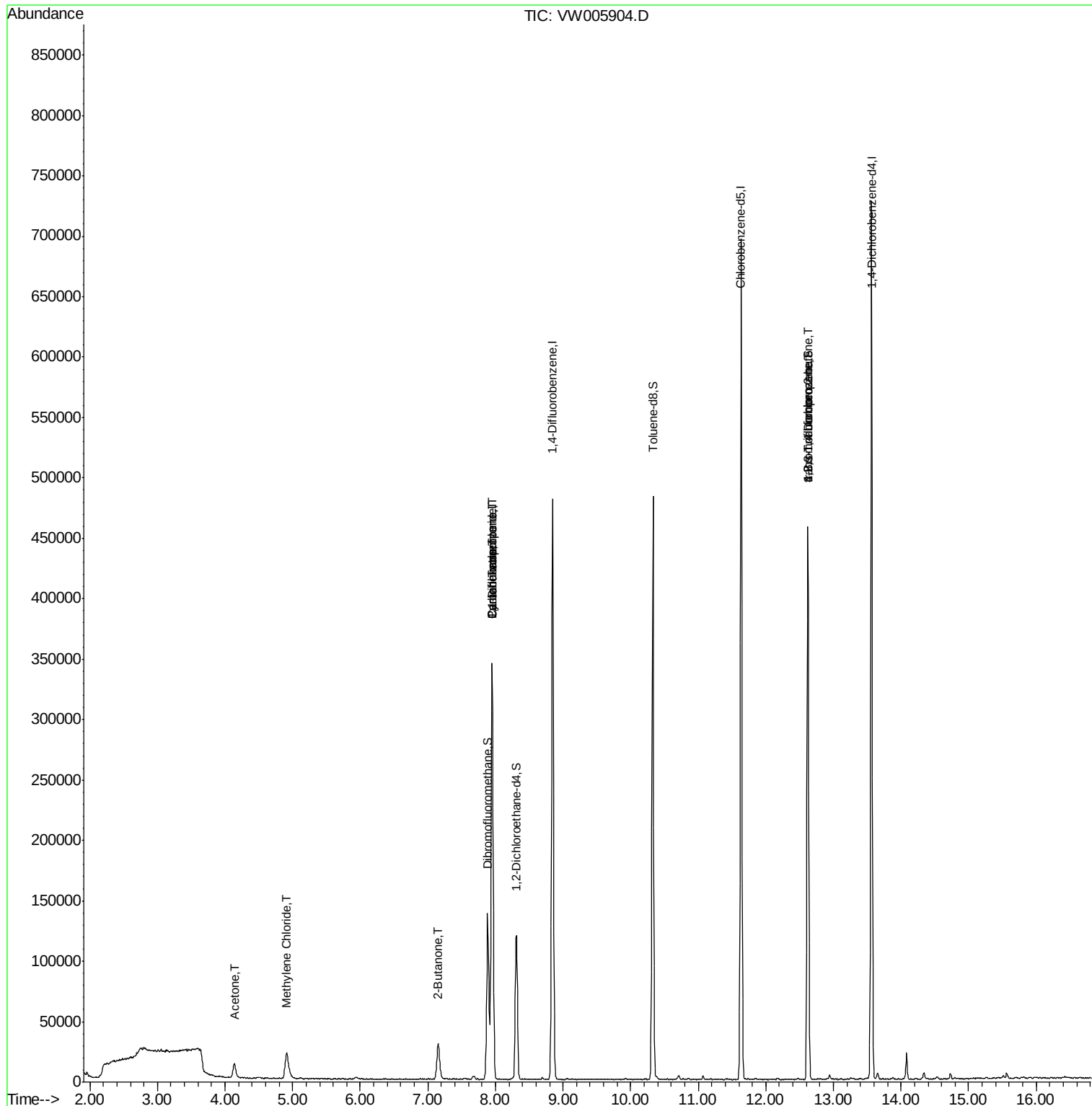
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	420324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93881	34.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.26%	
35) Dibromofluoromethane	7.88	113	95821	35.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.42%	
50) Toluene-d8	10.33	98	329840	31.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.90%	
62) 4-Bromofluorobenzene	12.62	95	129351	32.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.86%	
Target Compounds						
16) Acetone	4.14	43	21967	40.563	ug/l	97
20) Methylene Chloride	4.92	84	19205	7.078	ug/l	97
25) 2-Butanone	7.14	43	2156	2.799	ug/l #	67
31) Cyclohexane	7.95	56	5454	1.149	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	18779	4.663	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25129	5.807	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	65974	37.176	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65974	78.482	ug/l #	11

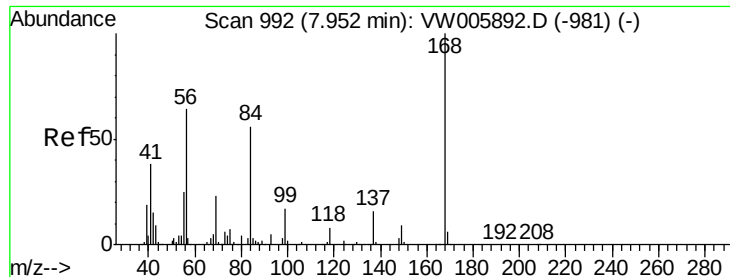
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005904.D

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Instrument :

MSVOA_W

ClientSampleId :

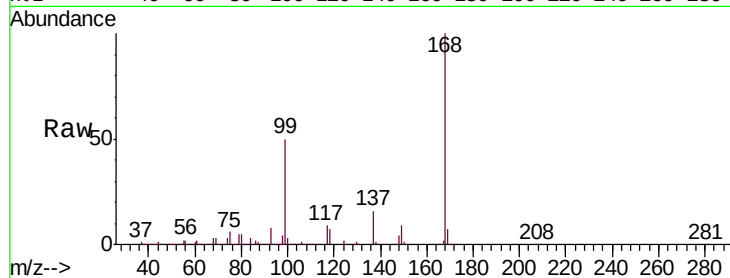
TRACK-D-2

Tgt Ion:168 Resp: 279287

Ion Ratio Lower Upper

168 100

99 50.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

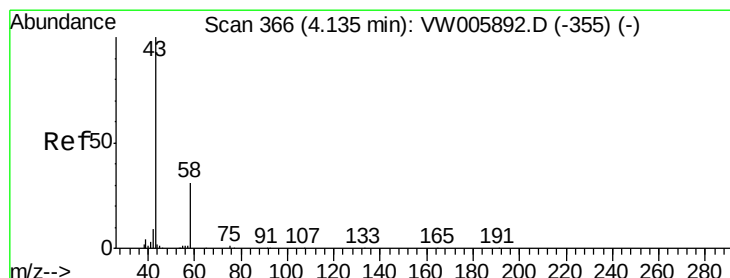
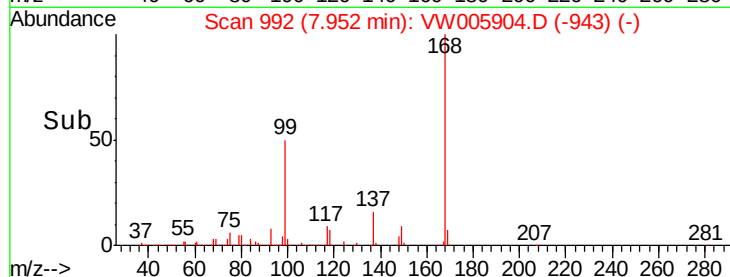
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 40.563 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW005904.D

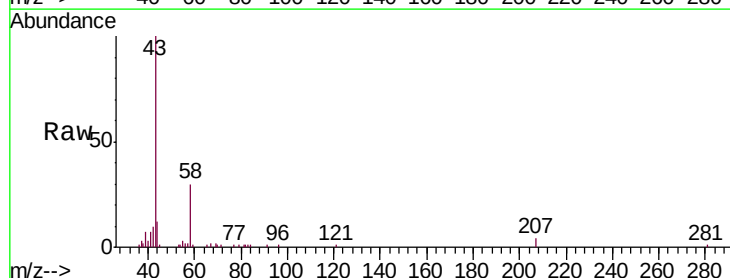
Acq: 08 Oct 2018 19:00

Tgt Ion: 43 Resp: 21967

Ion Ratio Lower Upper

43 100

58 29.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

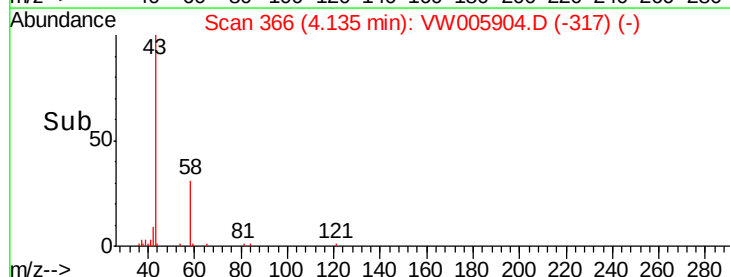
6000

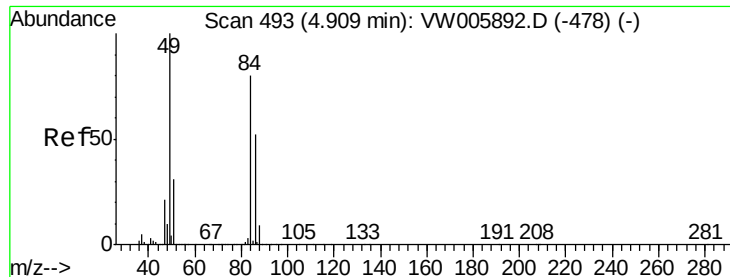
4000

2000

0

Time--> 4.10 4.20

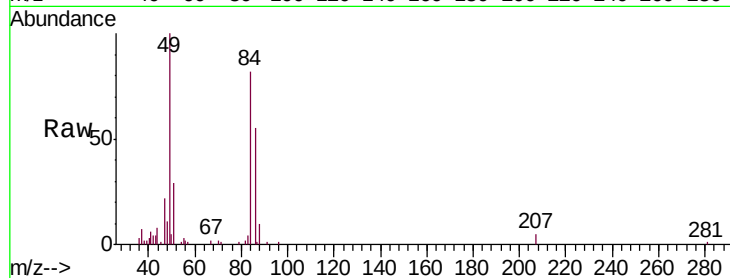




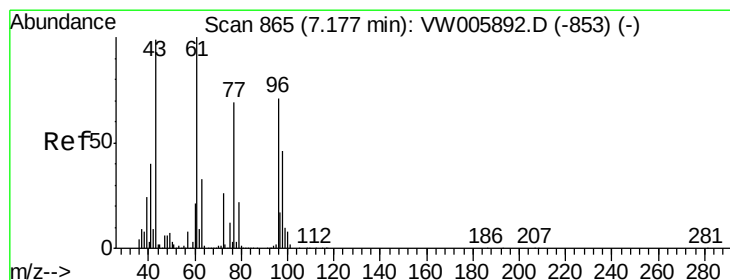
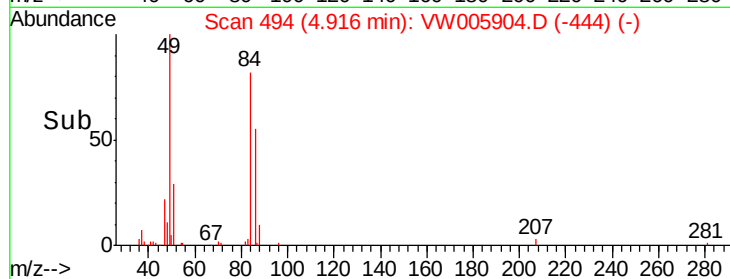
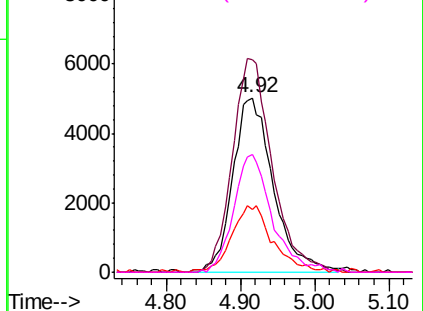
#20
Methylene Chloride
Concen: 7.078 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005904.D
Acq: 08 Oct 2018 19:00

Instrument :
MSVOA_W
ClientSampled :
TRACK-D-2

Tgt Ion:	84	Resp:	19205
Ion	Ratio	Lower	Upper
84	100		
49	121.8	99.9	149.9
51	35.8	31.1	46.7
86	67.5	51.8	77.6

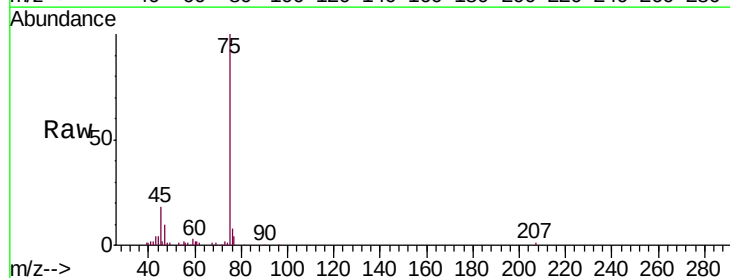


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

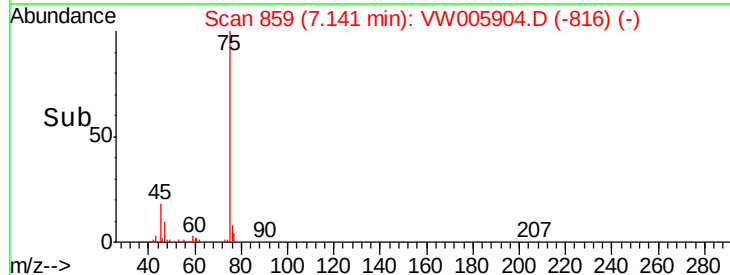
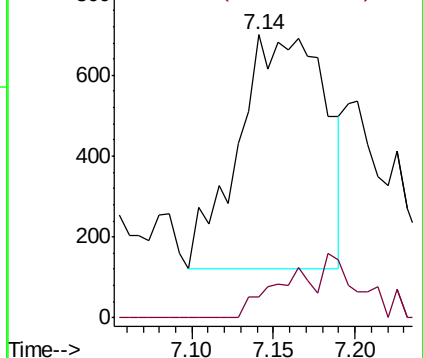


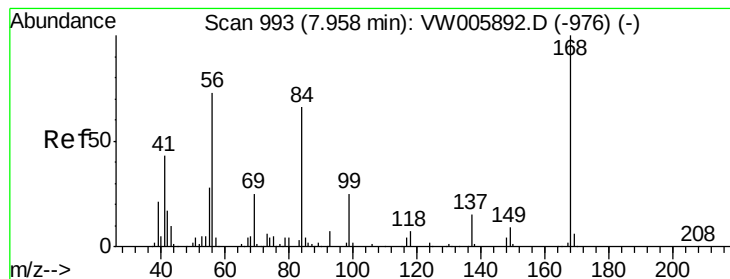
#25
2-Butanone
Concen: 2.799 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW005904.D
Acq: 08 Oct 2018 19:00

Tgt Ion:	43	Resp:	2156
Ion	Ratio	Lower	Upper
43	100		
72	9.1	21.0	31.4#



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





#31

Cyclohexane

Concen: 1.149 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005904.D

Acq: 08 Oct 2018 19:00

Instrument :

MSVOA_W

ClientSampled :

TRACK-D-2

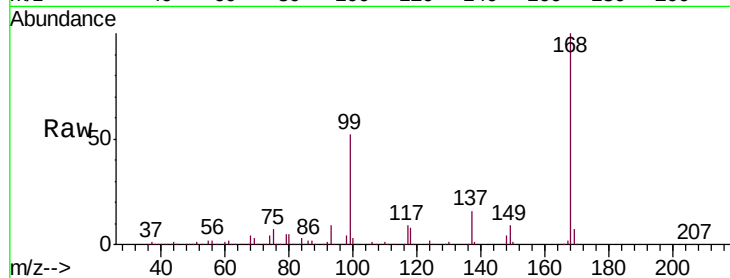
Tgt Ion: 56 Resp: 5454

Ion Ratio Lower Upper

56 100

69 142.4 27.9 41.9#

84 121.1 72.3 108.5#

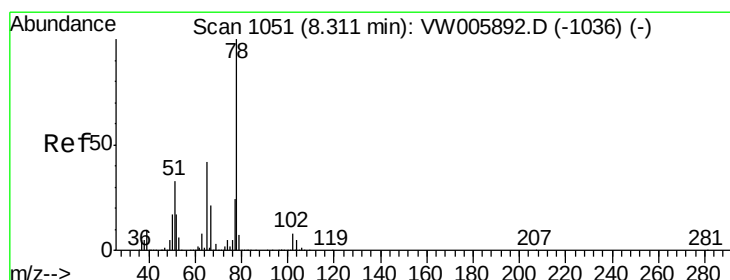
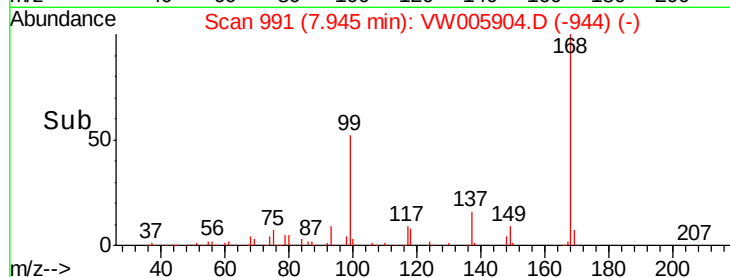
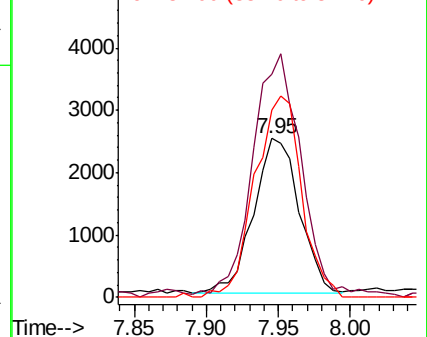


Abundance

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: 34.626 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005904.D

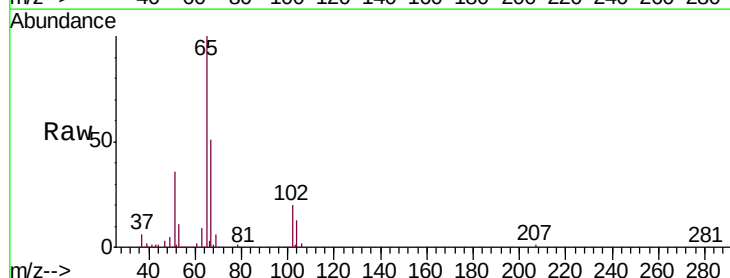
Acq: 08 Oct 2018 19:00

Tgt Ion: 65 Resp: 93881

Ion Ratio Lower Upper

65 100

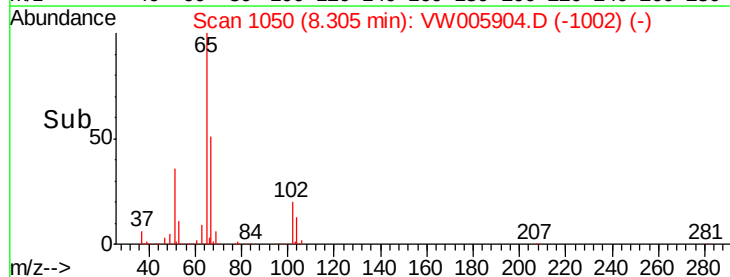
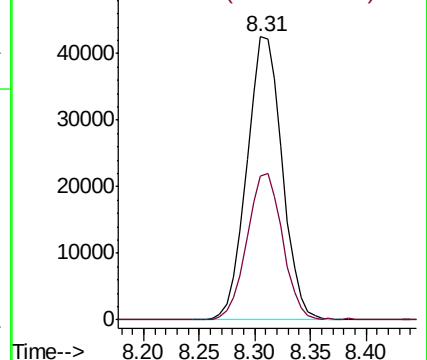
67 52.6 0.0 104.6

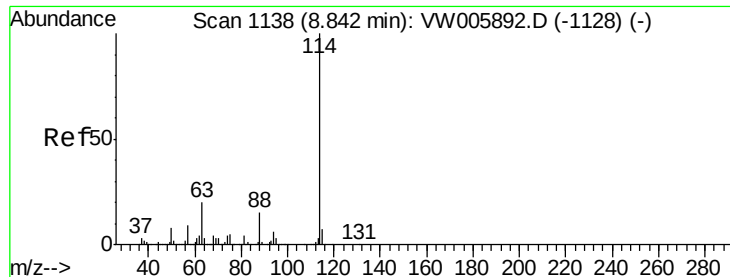


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

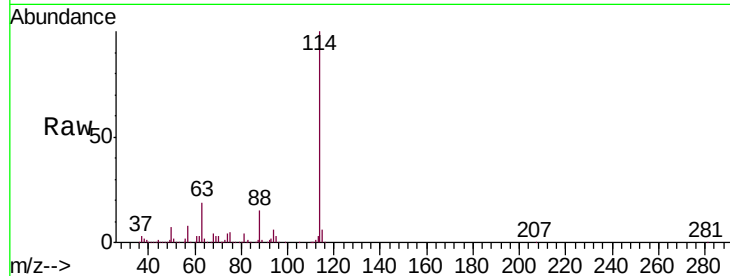




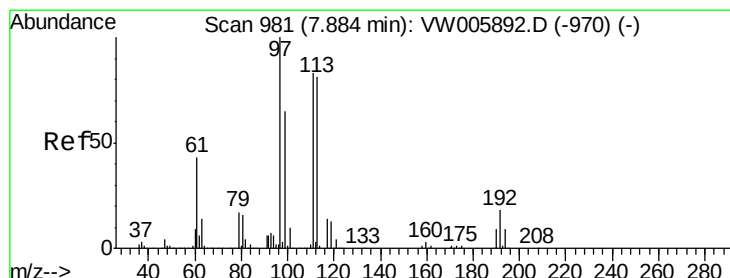
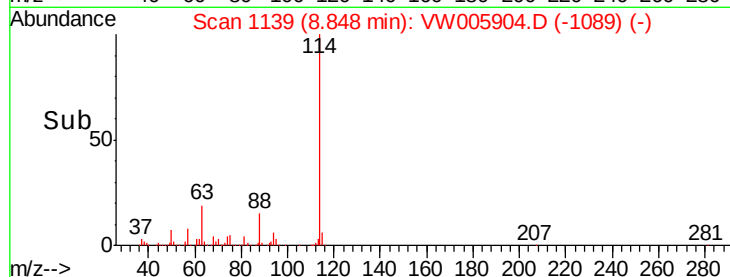
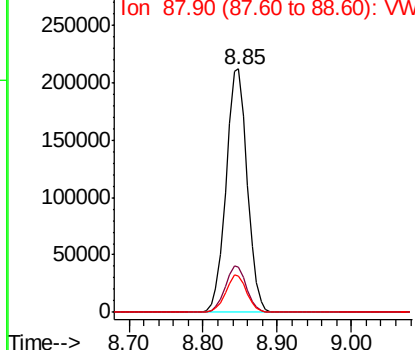
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005904.D
 Acq: 08 Oct 2018 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-2

Tgt Ion:114 Resp: 420324
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.7 0.0 30.8

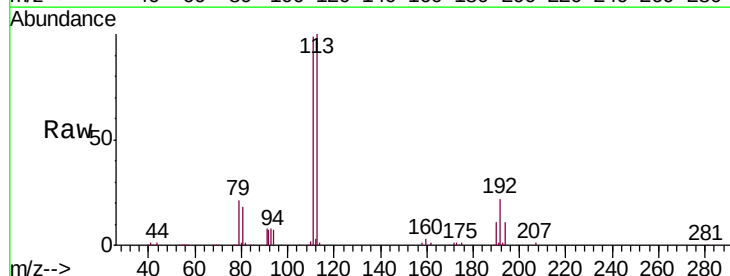


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

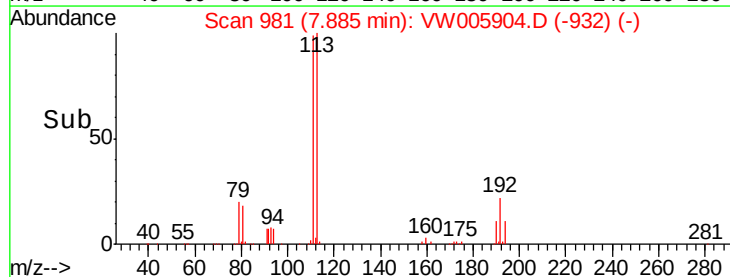
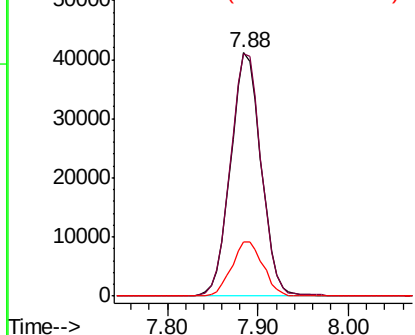


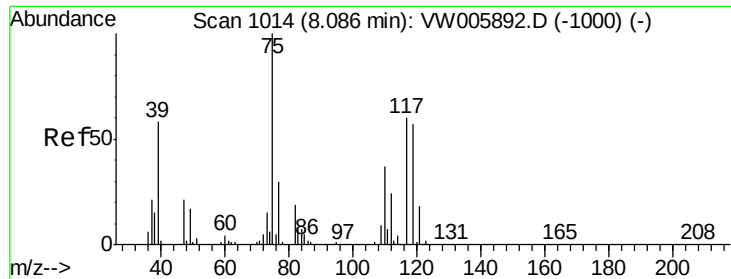
#35
 Dibromofluoromethane
 Concen: 35.706 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005904.D
 Acq: 08 Oct 2018 19:00

Tgt Ion:113 Resp: 95821
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.0 123.0
 192 22.9 18.3 27.5



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

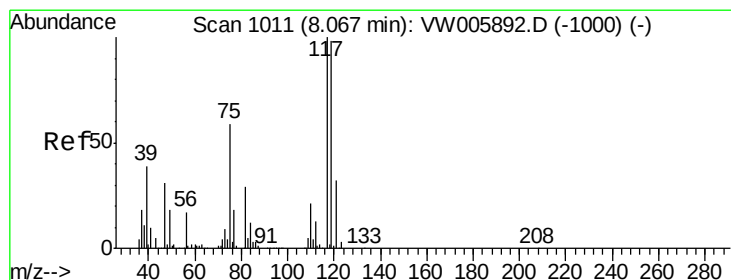
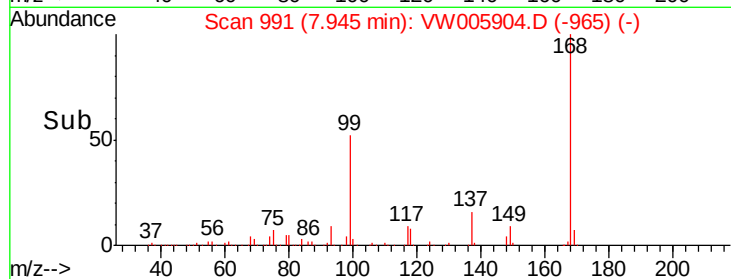
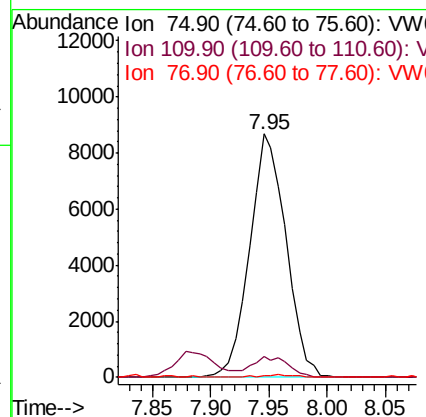
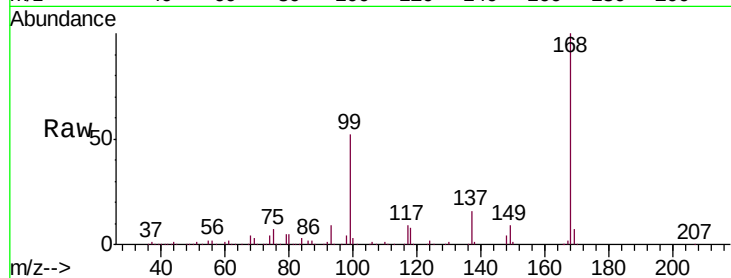




#36
 1,1-Dichloropropene
 Concen: 4.663 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005904.D
 Acq: 08 Oct 2018 19:00

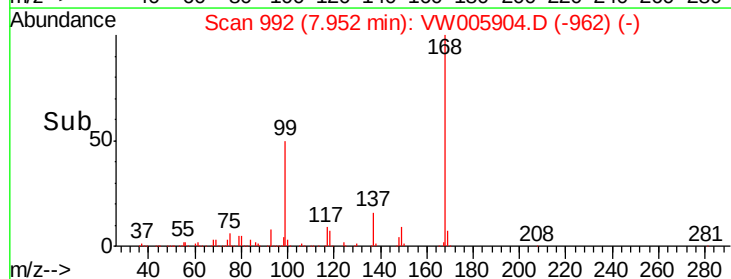
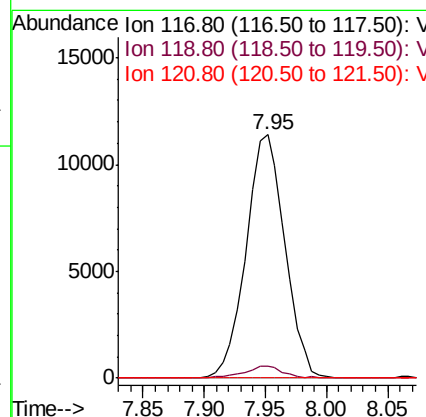
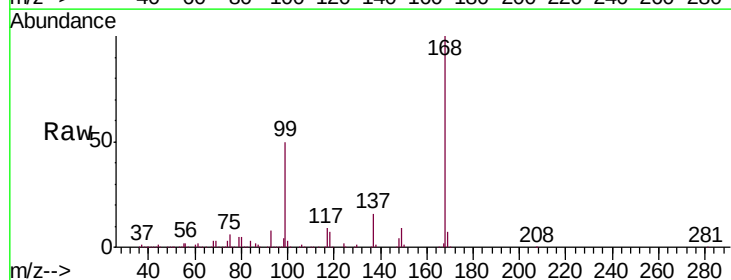
Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-2

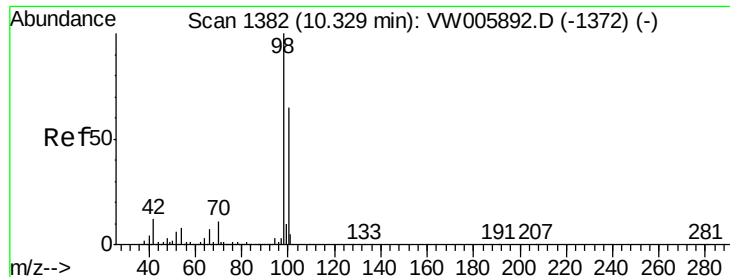
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.6	56.0#
77	0.1	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.807 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005904.D
 Acq: 08 Oct 2018 19:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 31.946 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005904.D

Acq: 08 Oct 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

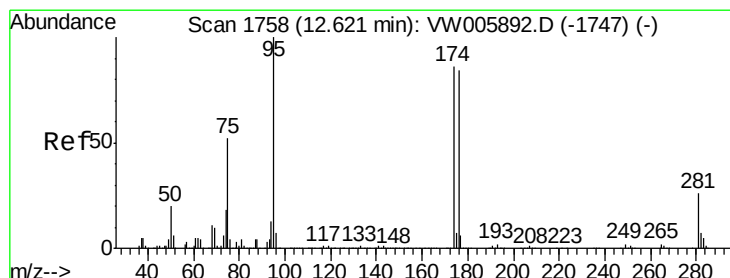
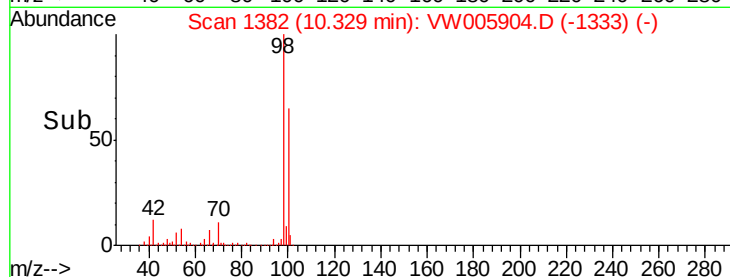
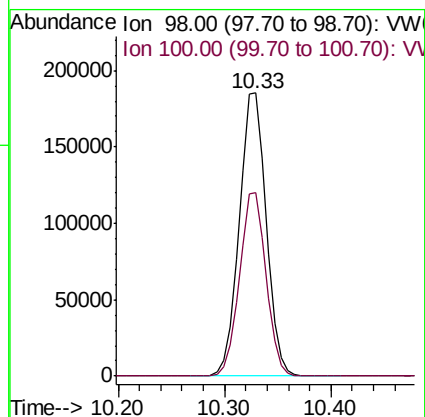
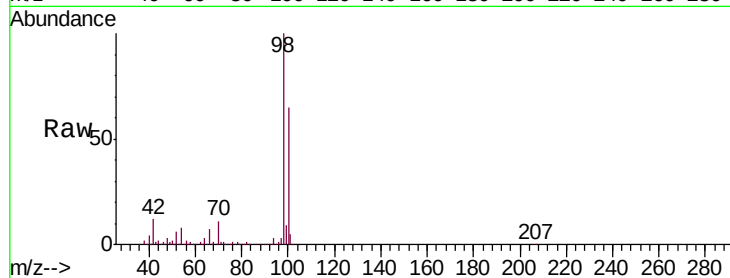
TRACK-D-2

Tgt Ion: 98 Resp: 329840

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 32.928 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005904.D

Acq: 08 Oct 2018 19:00

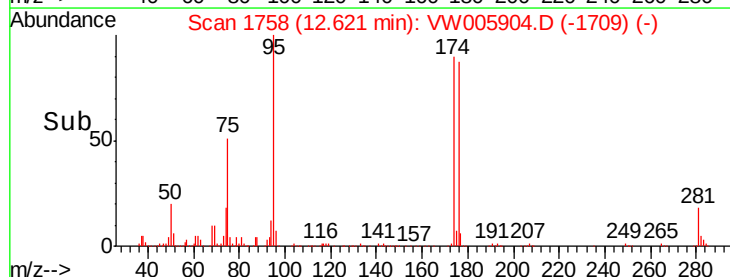
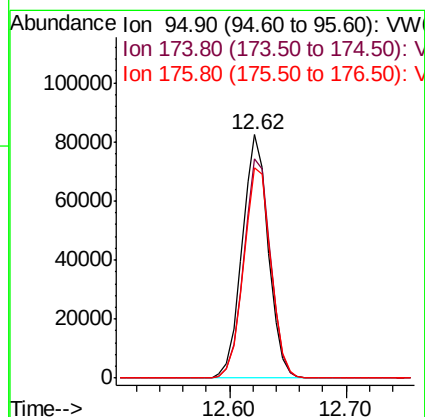
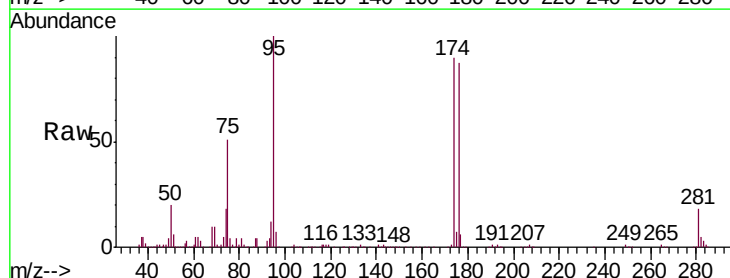
Tgt Ion: 95 Resp: 129351

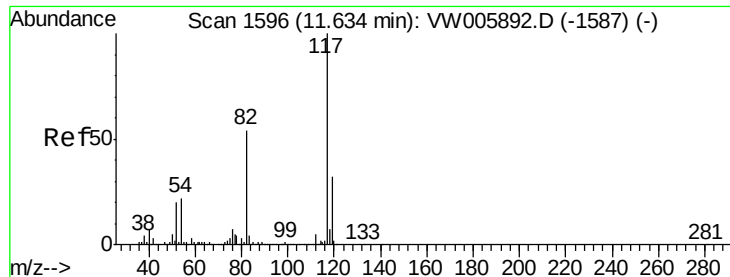
Ion Ratio Lower Upper

95 100

174 92.0 0.0 176.4

176 89.7 0.0 173.0

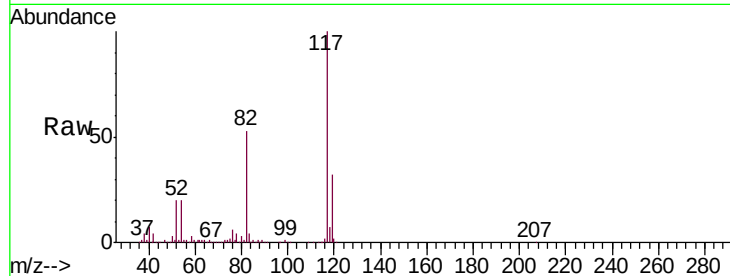




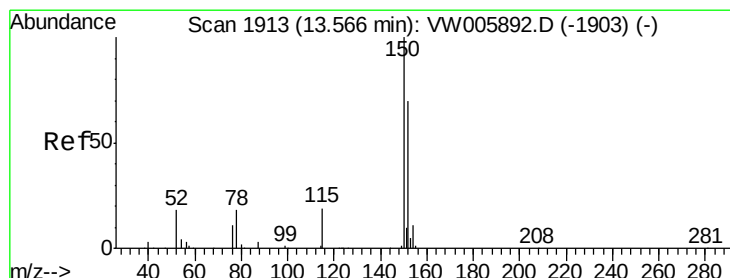
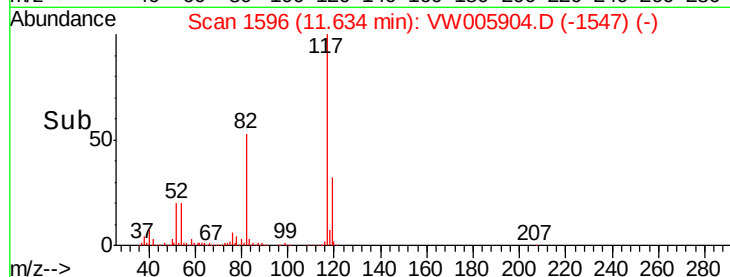
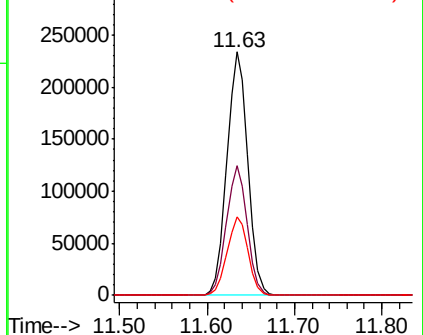
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005904.D
Acq: 08 Oct 2018 19:00

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-2

Tgt Ion:117 Resp: 386174
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 32.4 25.4 38.2

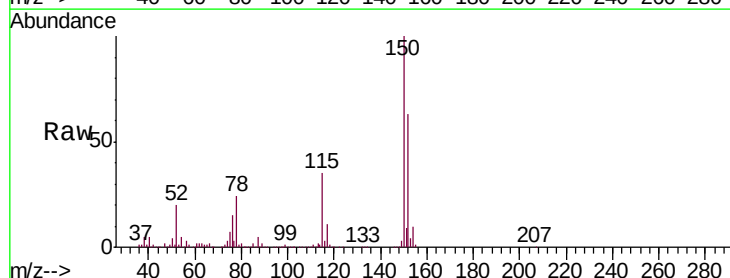


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

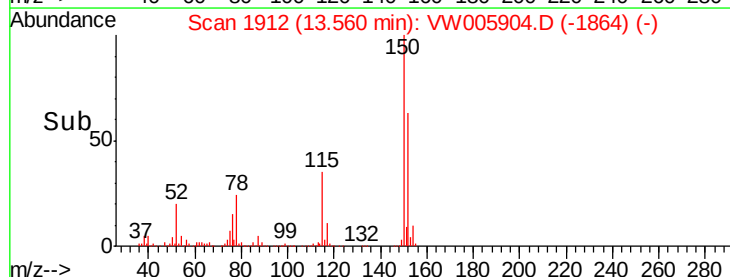
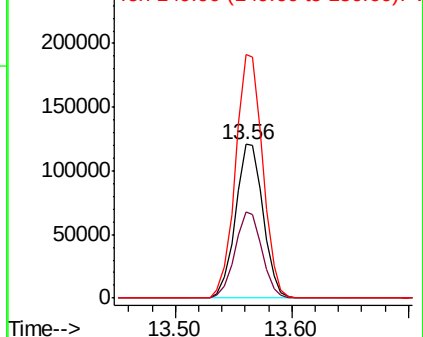


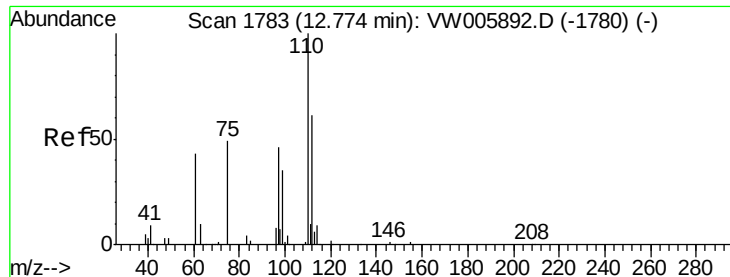
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005904.D
Acq: 08 Oct 2018 19:00

Tgt Ion:152 Resp: 198669
Ion Ratio Lower Upper
152 100
115 55.1 28.3 85.0
150 156.8 0.0 349.2



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: 37.176 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005904.D

Acq: 08 Oct 2018 19:00

Instrument :

MSVOA_W

ClientSampleId :

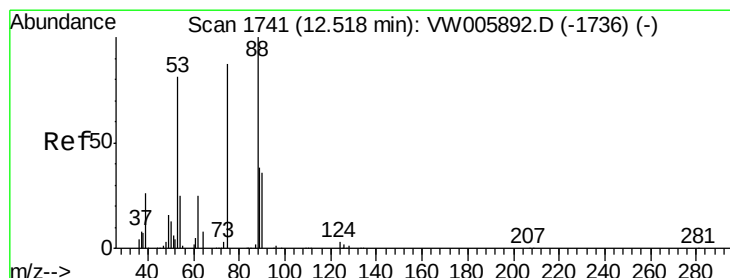
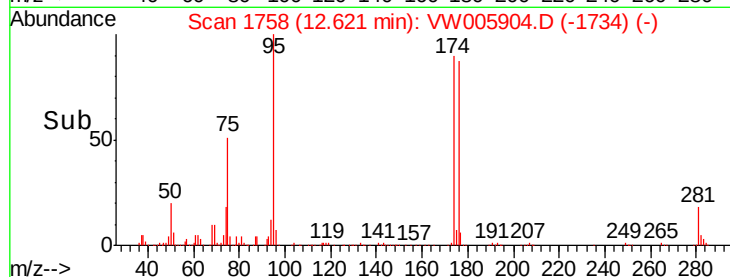
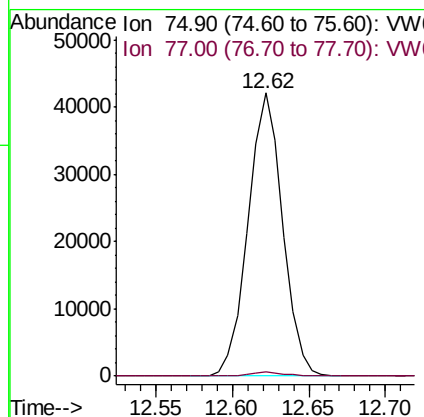
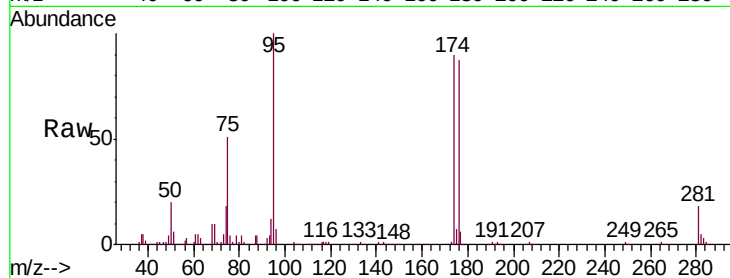
TRACK-D-2

Tgt Ion: 75 Resp: 65974

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.482 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005904.D

Acq: 08 Oct 2018 19:00

Tgt Ion: 75 Resp: 65974

Ion Ratio Lower Upper

75 100

53 0.1 76.5 114.7#

89 0.0 37.6 56.4#

