

Data File : VW006016.D
Acq On : 11 Oct 2018 05:01
Operator : SY/AP
Sample : J5287-16RE
Misc : 6.68G/5ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-8RE

Quant Time: Oct 11 05:43:09 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	208709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	108627	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	7.88	113	106119	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.33	98	353409	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
62) 4-Bromofluorobenzene	12.62	95	101843	34.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.76%	

Target Compounds

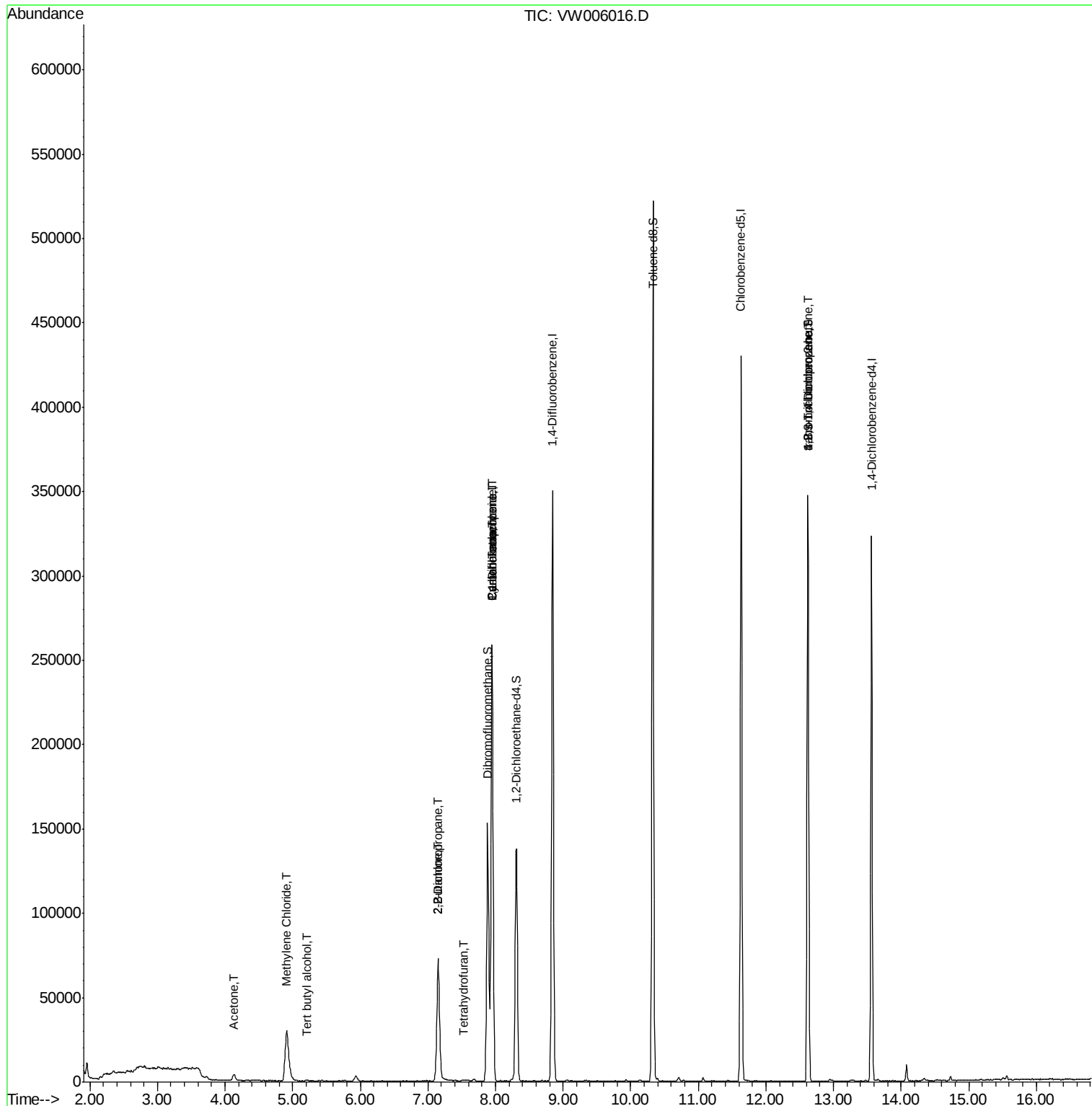
						Qvalue
11) Tert butyl alcohol	5.21	59	275	1.852	ug/l #	74
16) Acetone	4.14	43	6769	16.726	ug/l	99
20) Methylene Chloride	4.91	84	28129	13.873	ug/l	93
25) 2-Butanone	7.15	43	4118	7.154	ug/l #	70
26) 2,2-Dichloropropane	7.15	77	4840	1.919	ug/l #	52
29) Tetrahydrofuran	7.54	42	427	1.173	ug/l #	44
31) Cyclohexane	7.95	56	3733	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14245	4.758	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18599	5.782	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	51375	64.388	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51375	135.930	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: VW006016.D

Acq: 11 Oct 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

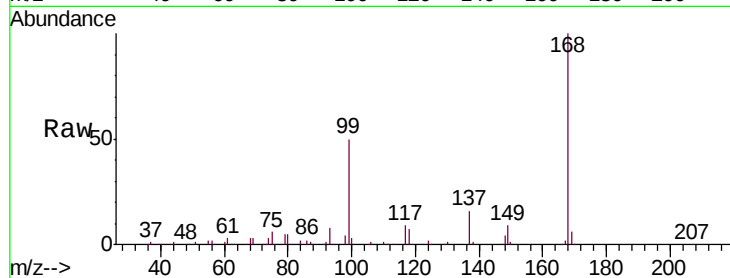
TRACK-D-8RE

Tgt Ion:168 Resp: 208709

Ion Ratio Lower Upper

168 100

99 50.1 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

100000

80000

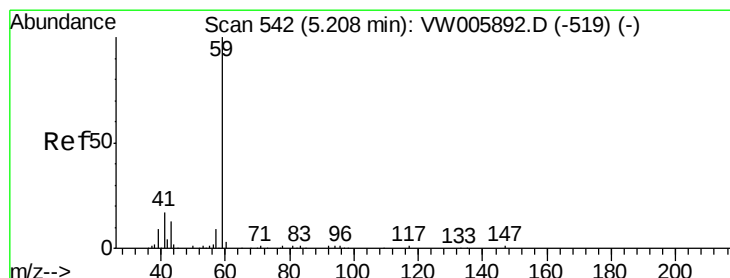
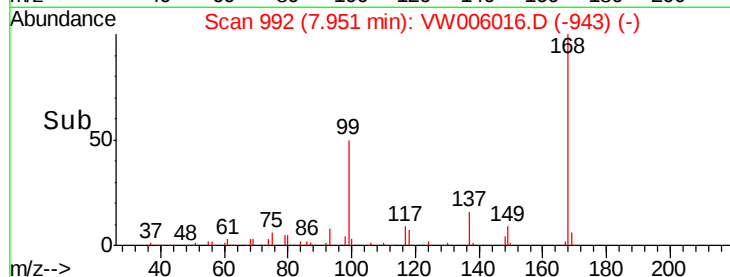
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.852 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.00 min

Lab File: VW006016.D

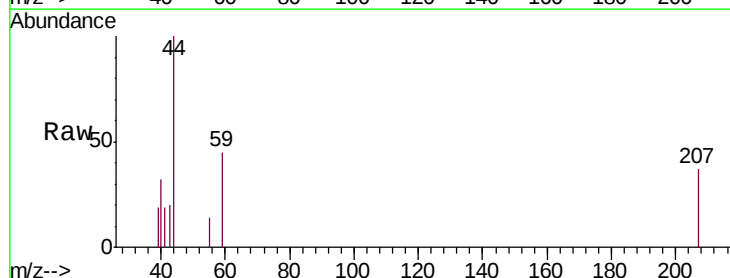
Acq: 11 Oct 2018 05:01

Tgt Ion: 59 Resp: 275

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

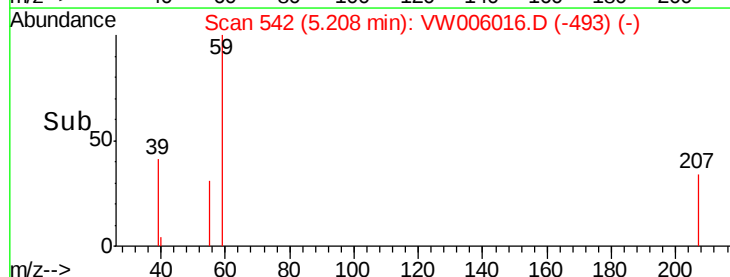
150

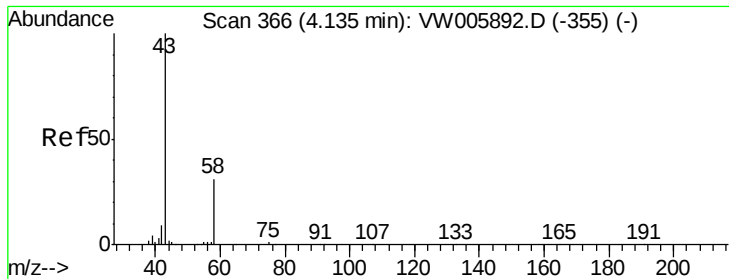
100

50

0

Time-->





#16

Acetone

Concen: 16.726 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW006016.D

Acq: 11 Oct 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

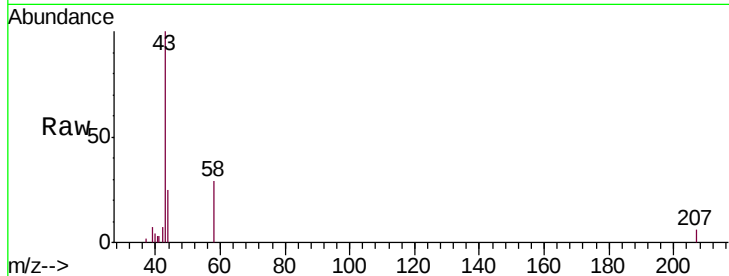
TRACK-D-8RE

Tgt Ion: 43 Resp: 6769

Ion Ratio Lower Upper

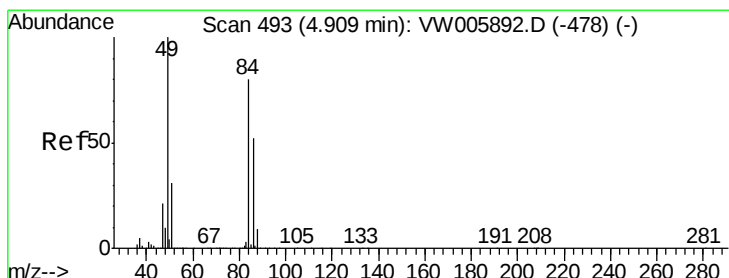
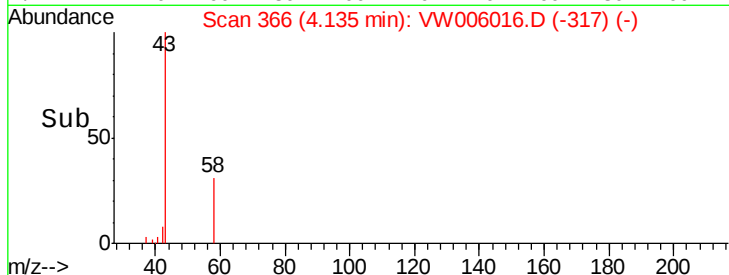
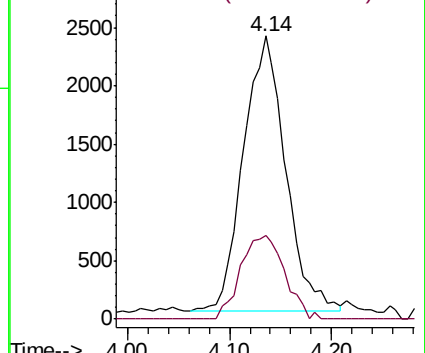
43 100

58 30.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 13.873 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW006016.D

Acq: 11 Oct 2018 05:01

Tgt Ion: 84 Resp: 28129

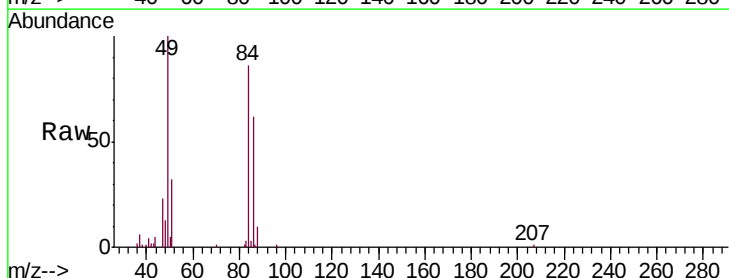
Ion Ratio Lower Upper

84 100

49 116.6 99.9 149.9

51 37.7 31.1 46.7

86 71.9 51.8 77.6

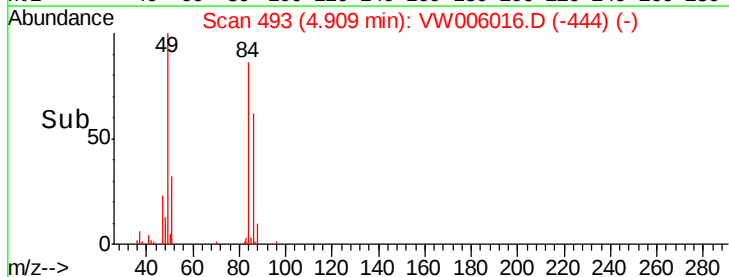
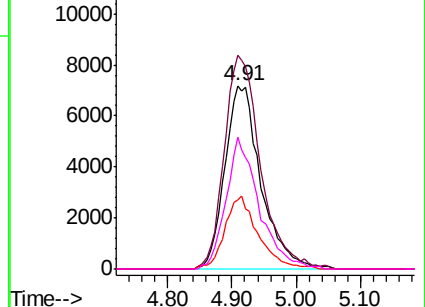


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 7.154 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW006016.D

Acq: 11 Oct 2018 05:01

Instrument :

MSVOA_W

ClientSampled :

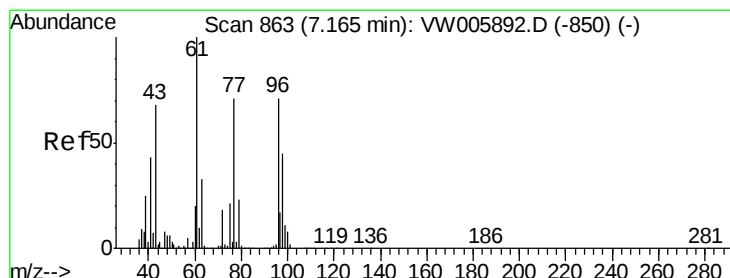
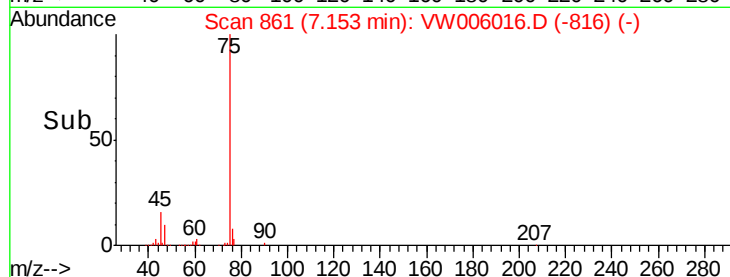
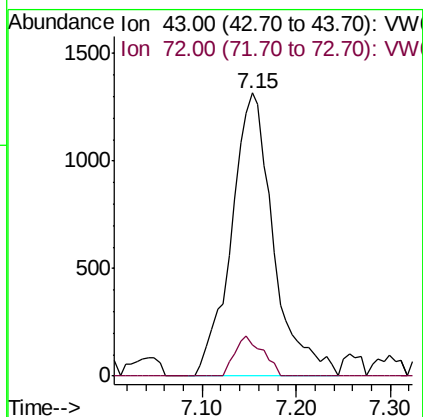
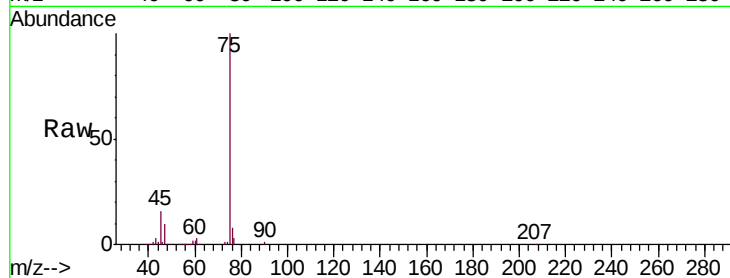
TRACK-D-8RE

Tgt Ion: 43 Resp: 4118

Ion Ratio Lower Upper

43 100

72 11.0 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 1.919 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW006016.D

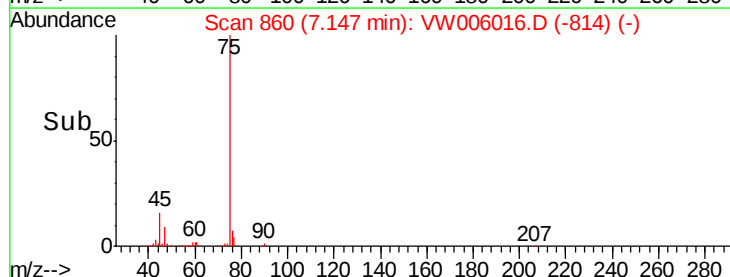
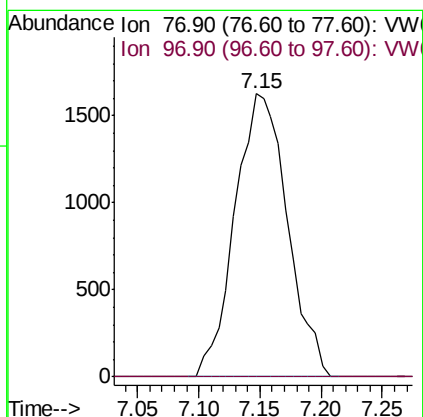
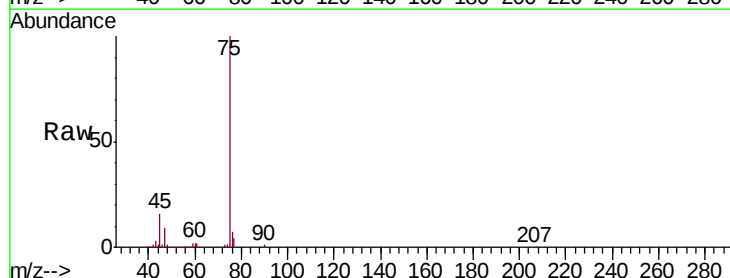
Acq: 11 Oct 2018 05:01

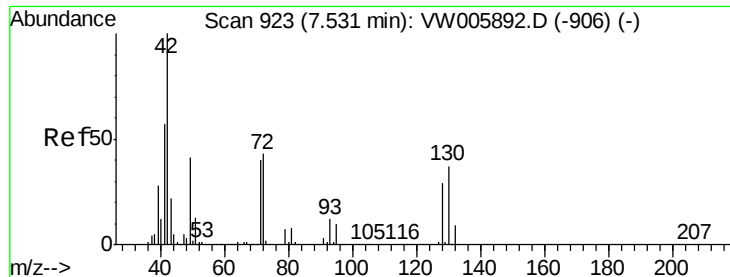
Tgt Ion: 77 Resp: 4840

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#

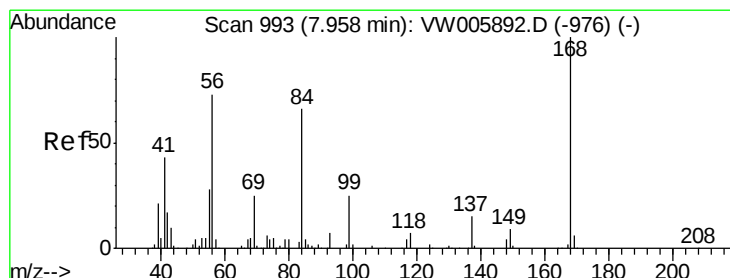
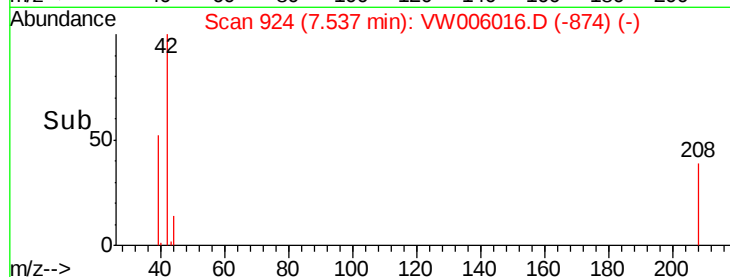
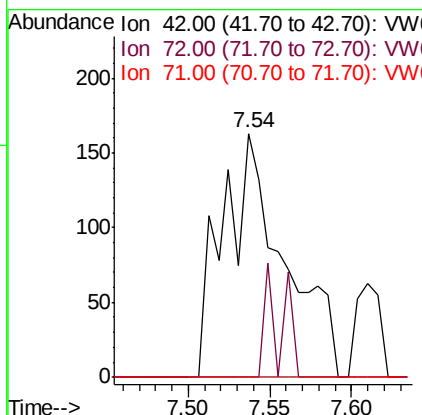
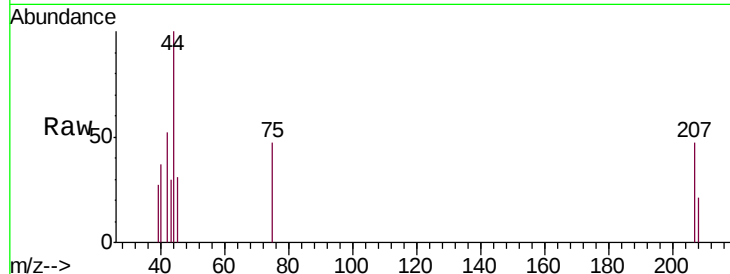




#29
Tetrahydrofuran
Concen: 1.173 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW006016.D
Acq: 11 Oct 2018 05:01

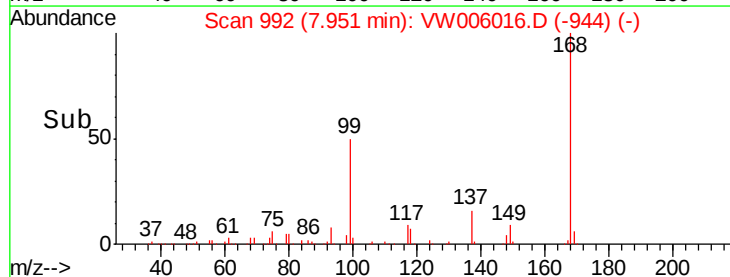
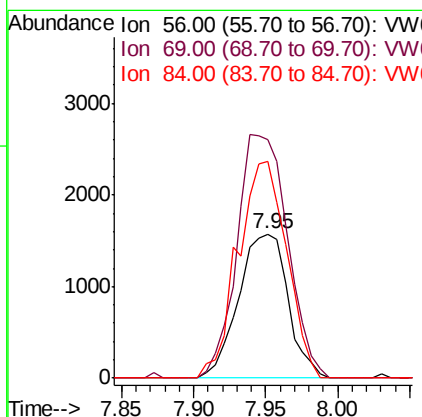
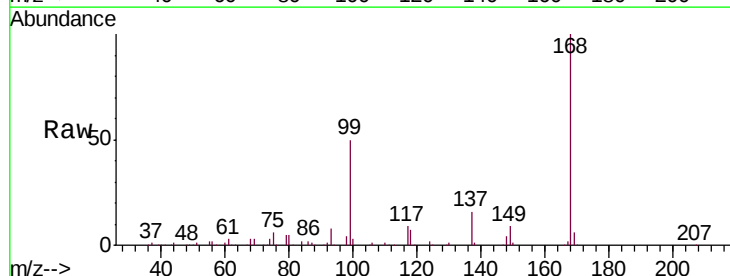
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-8RE

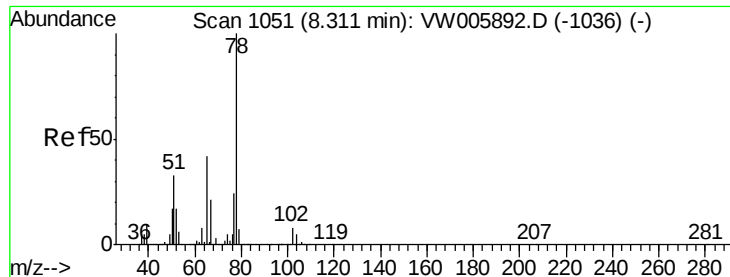
Tgt Ion: 42 Resp: 427
Ion Ratio Lower Upper
42 100
72 12.4 34.6 51.8#
71 0.0 32.6 49.0#



#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006016.D
Acq: 11 Oct 2018 05:01

Tgt Ion: 56 Resp: 3733
Ion Ratio Lower Upper
56 100
69 165.4 27.9 41.9#
84 150.3 72.3 108.5#

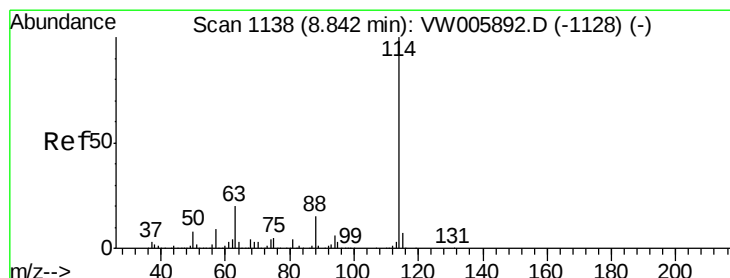
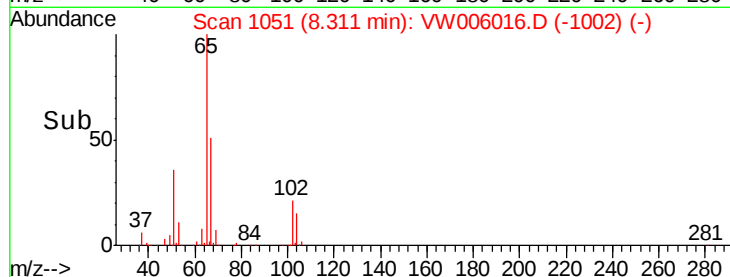
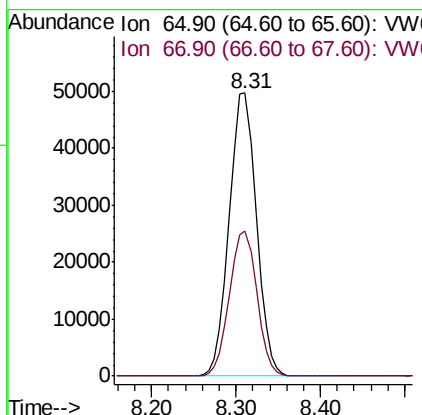
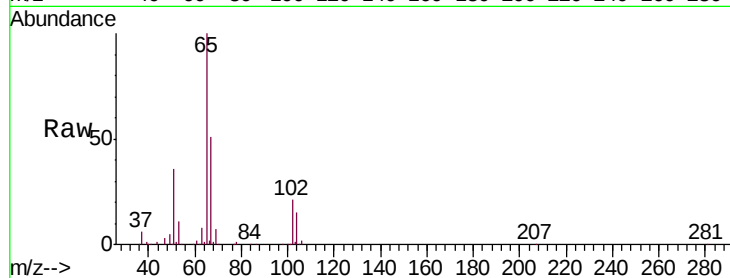




#33
 1,2-Dichloroethane-d4
 Concen: 53.614 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006016.D
 Acq: 11 Oct 2018 05:01

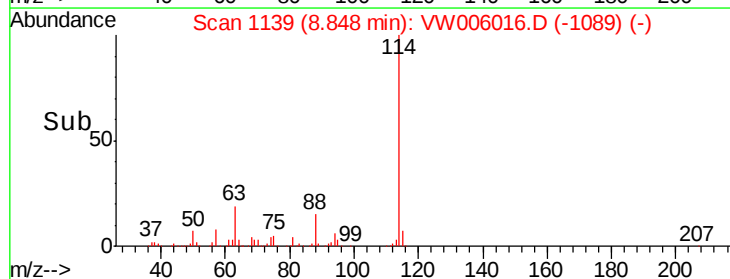
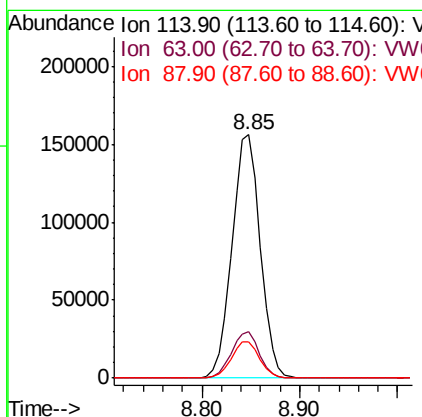
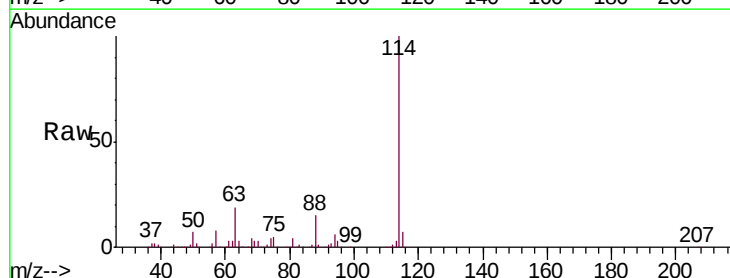
Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-8RE

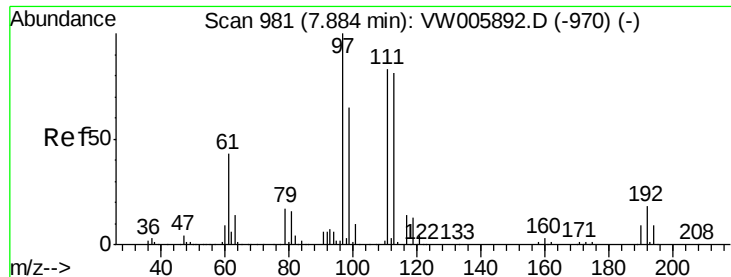
Tgt Ion: 65 Resp: 108627
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006016.D
 Acq: 11 Oct 2018 05:01

Tgt Ion: 114 Resp: 312460
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.0 0.0 30.8

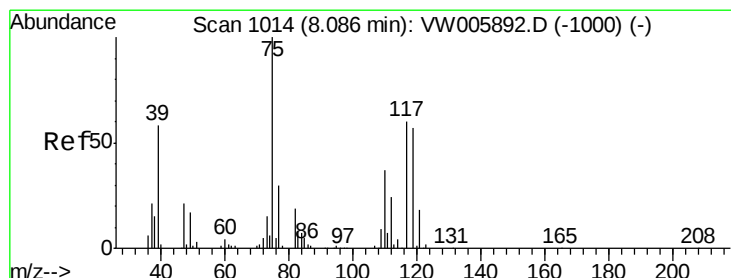
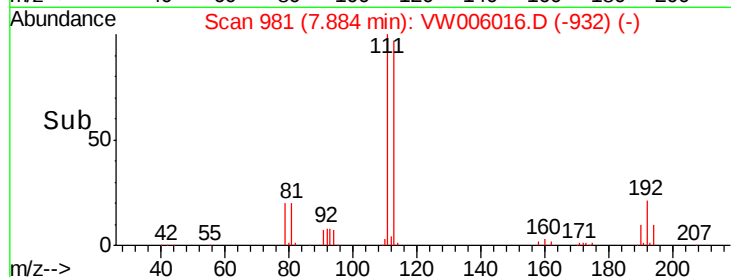
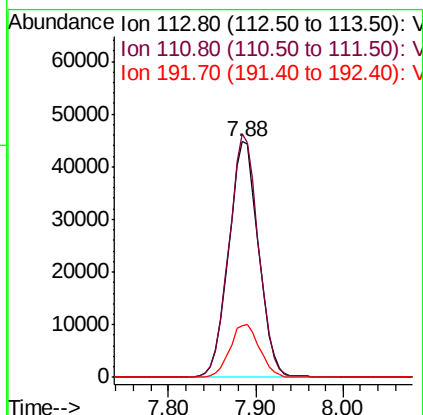
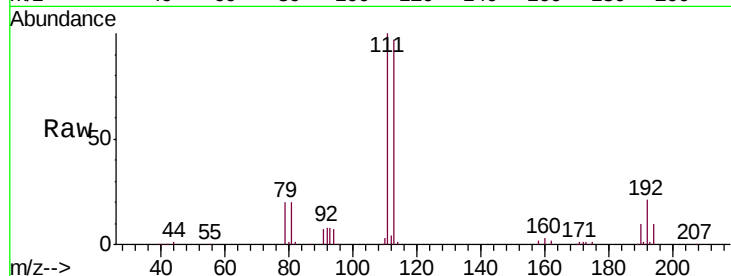




#35
 Dibromofluoromethane
 Concen: 53.195 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW006016.D
 Acq: 11 Oct 2018 05:01

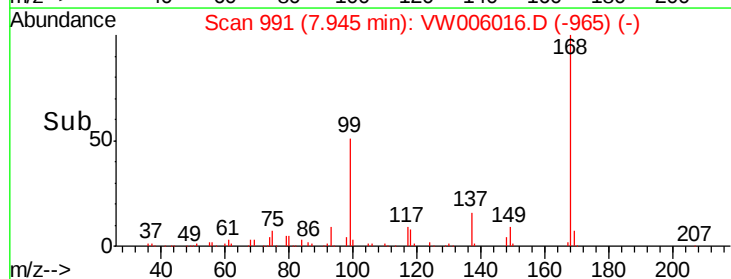
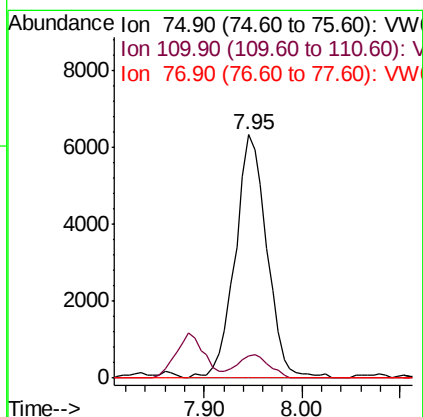
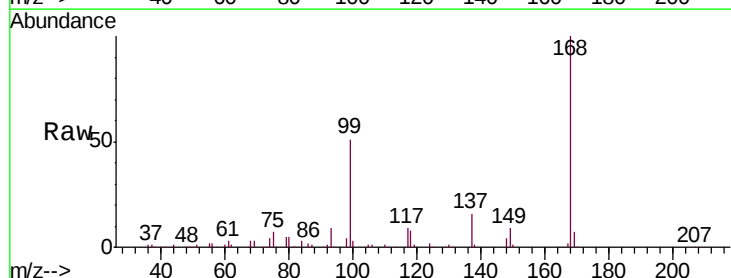
Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-8RE

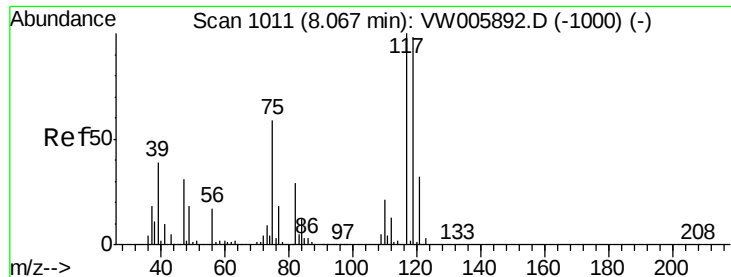
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	22.5	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 4.758 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006016.D
 Acq: 11 Oct 2018 05:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.6	56.0#
77	0.0	24.7	37.1#

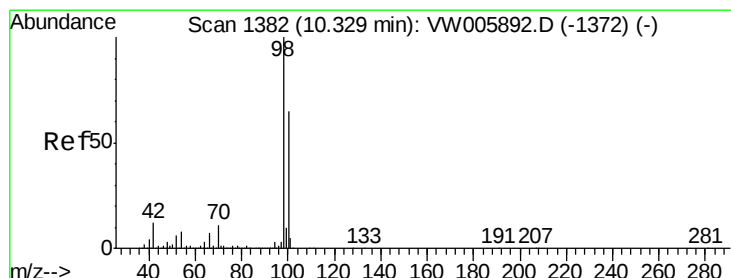
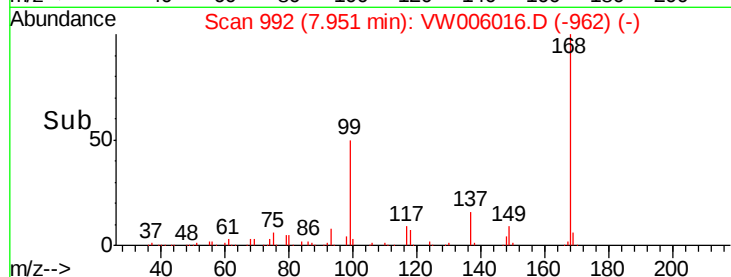
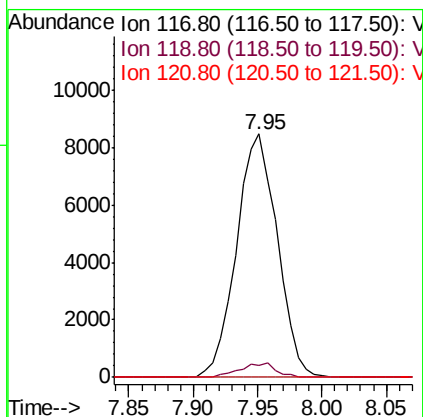
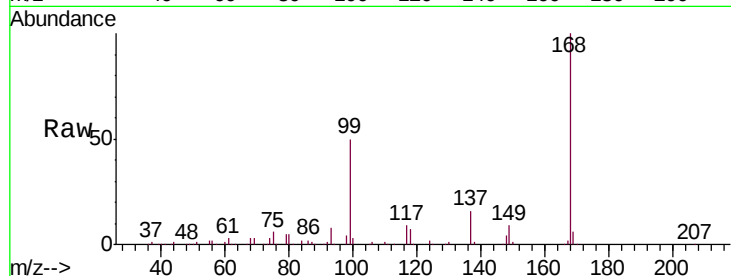




#38
Carbon Tetrachloride
Concen: 5.782 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006016.D
Acq: 11 Oct 2018 05:01

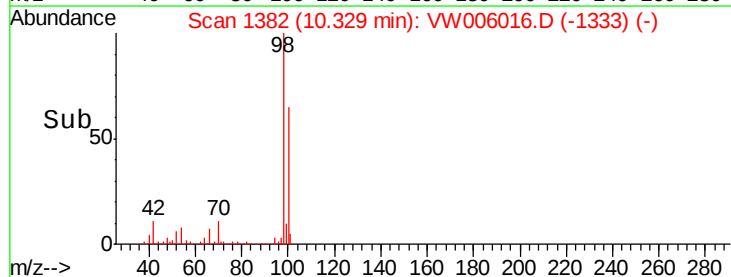
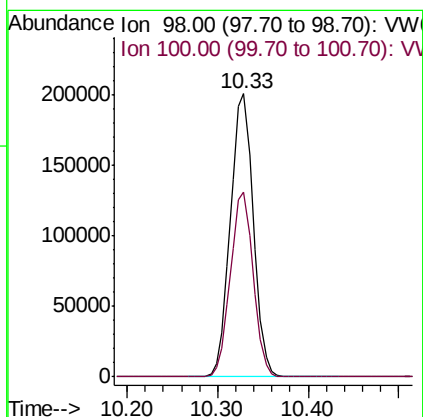
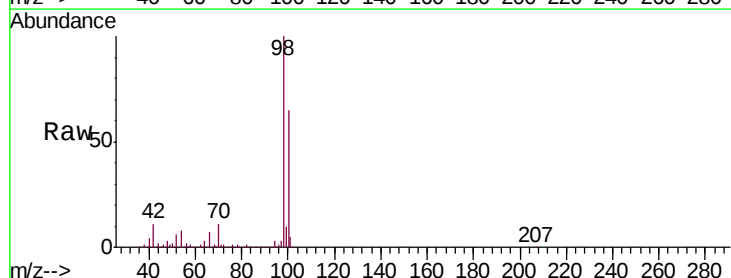
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-8RE

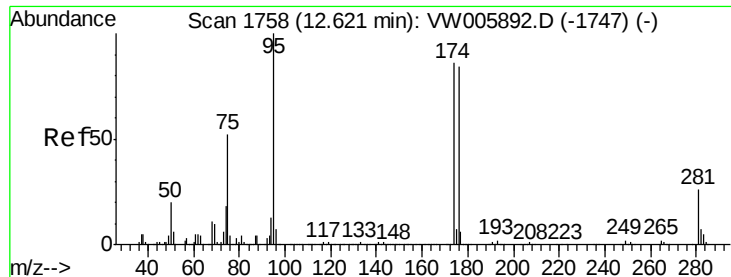
Tgt Ion:117 Resp: 18599
Ion Ratio Lower Upper
117 100
119 4.7 78.6 117.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 46.045 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006016.D
Acq: 11 Oct 2018 05:01

Tgt Ion: 98 Resp: 353409
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 34.876 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006016.D

Acq: 11 Oct 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-8RE

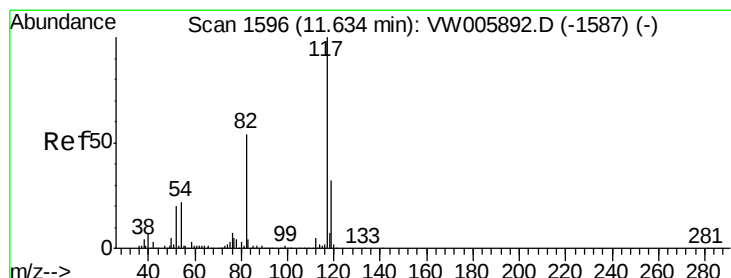
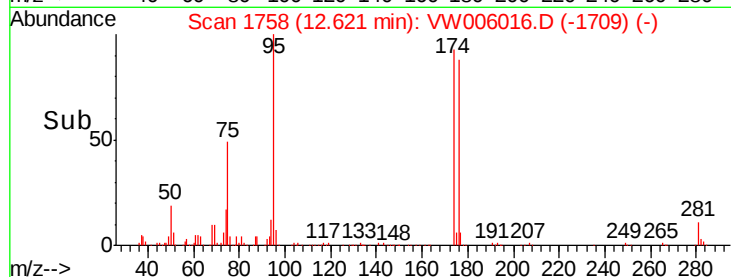
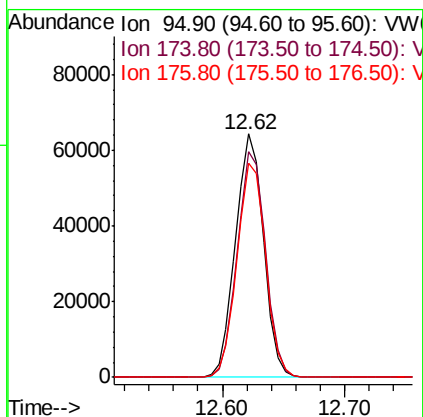
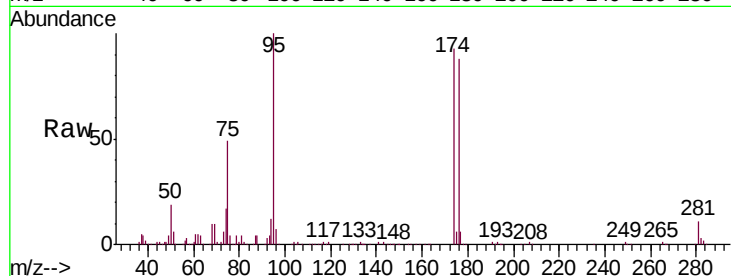
Tgt Ion: 95 Resp: 101843

Ion Ratio Lower Upper

95 100

174 93.9 0.0 176.4

176 89.8 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: VW006016.D

Acq: 11 Oct 2018 05:01

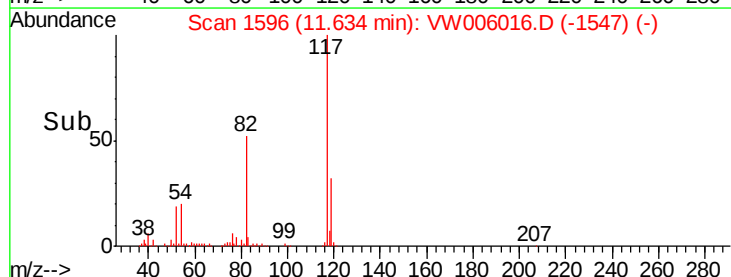
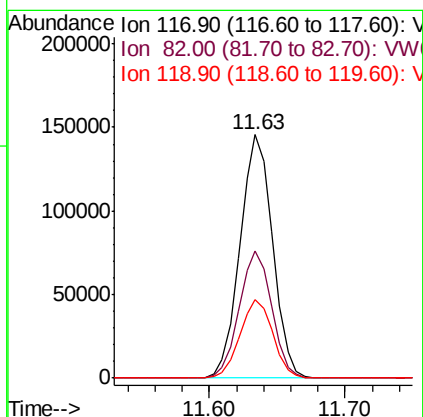
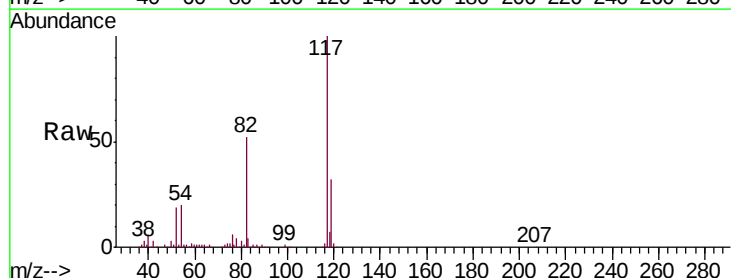
Tgt Ion: 117 Resp: 243146

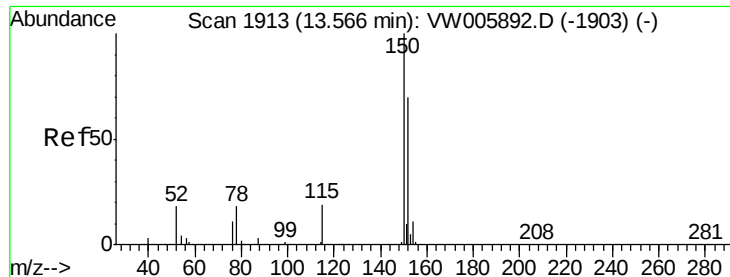
Ion Ratio Lower Upper

117 100

82 52.1 43.5 65.3

119 32.4 25.4 38.2



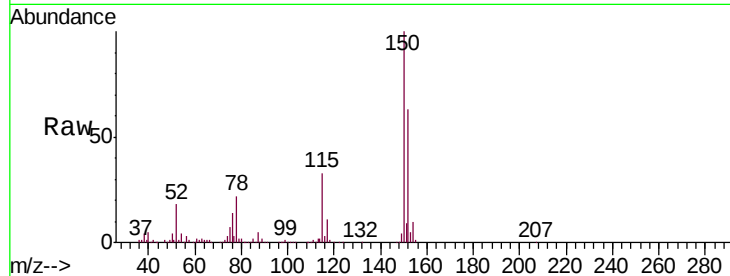


#72

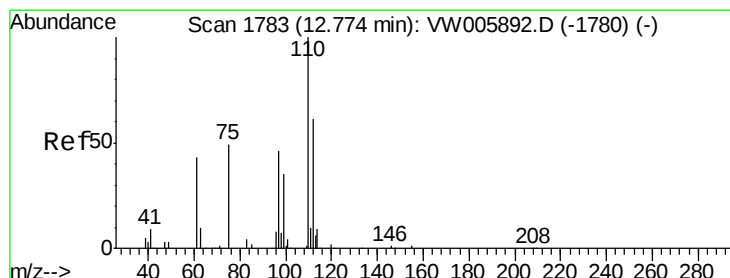
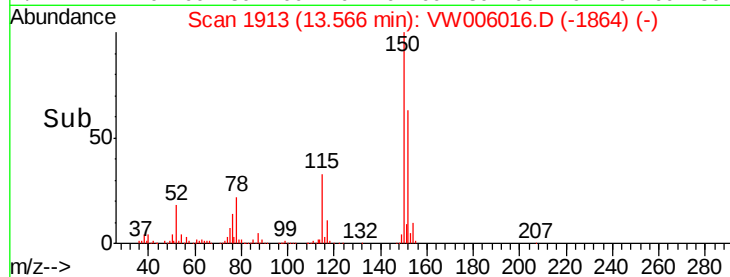
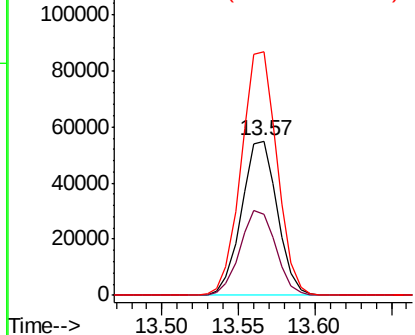
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006016.D
Acq: 11 Oct 2018 05:01

Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-8RE

Tgt Ion: 152 Resp: 89323
Ion Ratio Lower Upper
152 100
115 54.8 28.3 85.0
150 157.5 0.0 349.2



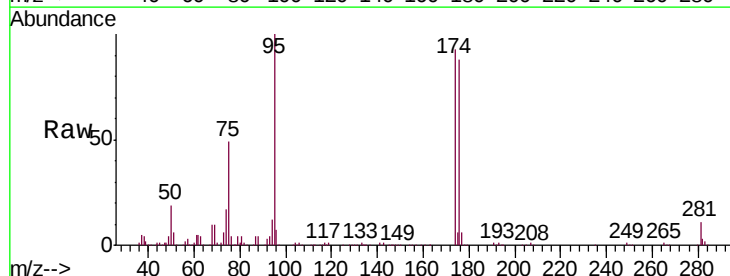
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



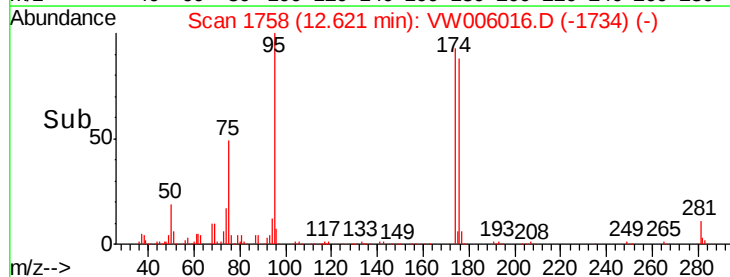
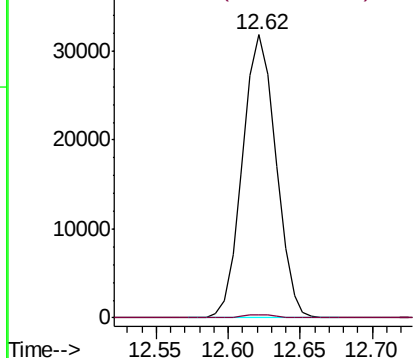
#76

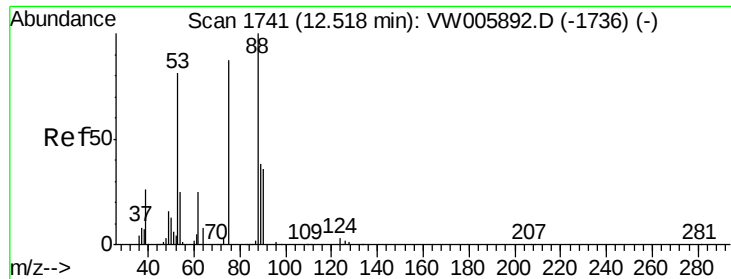
1,2,3-Trichloropropane
Concen: 64.388 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006016.D
Acq: 11 Oct 2018 05:01

Tgt Ion: 75 Resp: 51375
Ion Ratio Lower Upper
75 100
77 1.1 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: 135.930 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006016.D

Acq: 11 Oct 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-8RE

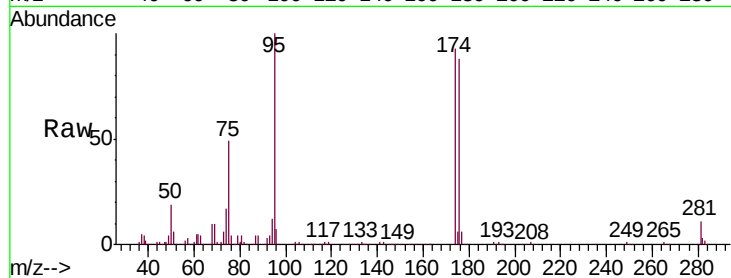
Tgt Ion: 75 Resp: 51375

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



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

