

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005985.D
 Acq On : 10 Oct 2018 13:54
 Operator : SY/AP
 Sample : J5255-04RE
 Misc : 5.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-2

Quant Time: Oct 10 16:49:57 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	232048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	362579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168692	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	114801	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
35) Dibromofluoromethane	7.88	113	112822	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	10.33	98	407784	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
62) 4-Bromofluorobenzene	12.62	95	147012	43.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.76%	

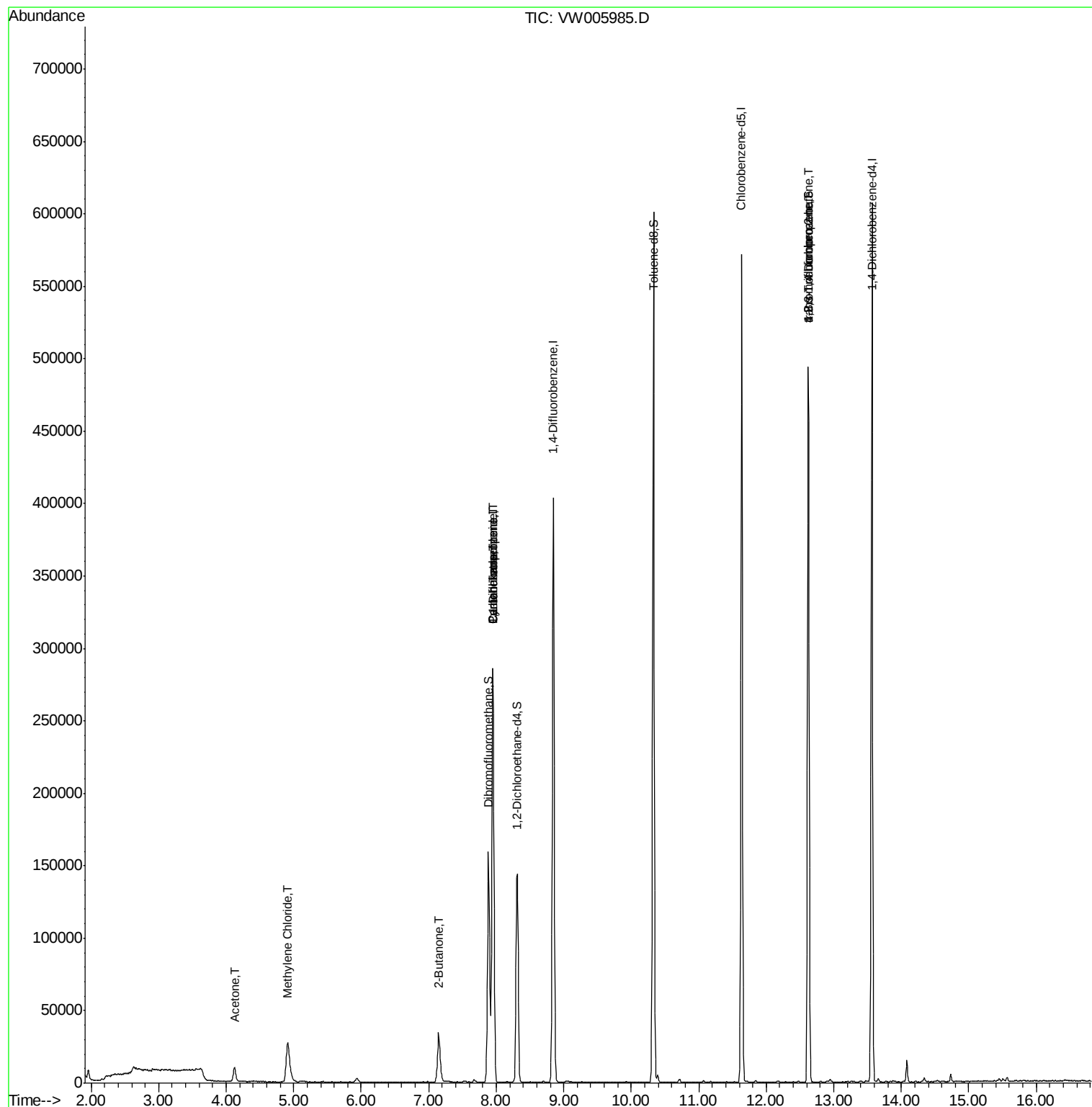
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	17458	38.80	ug/l	95
20) Methylene Chloride	4.91	84	25964	11.52	ug/l	94
25) 2-Butanone	7.15	43	2911	4.55	ug/l #	72
31) Cyclohexane	7.95	56	4337	1.10	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	15938	4.59	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20954	5.61	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	73553	48.81	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73553	103.05	ug/l #	11

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005985.D

Acq: 10 Oct 2018 13:54

Instrument :

MSVOA_W

ClientSampleId :

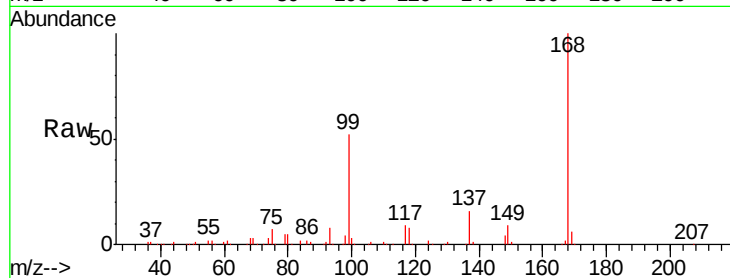
TRACK-D-2

Tgt Ion:168 Resp: 232048

Ion Ratio Lower Upper

168 100

99 51.9 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

120000

100000

80000

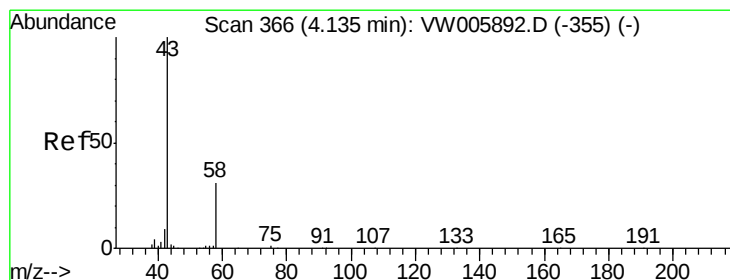
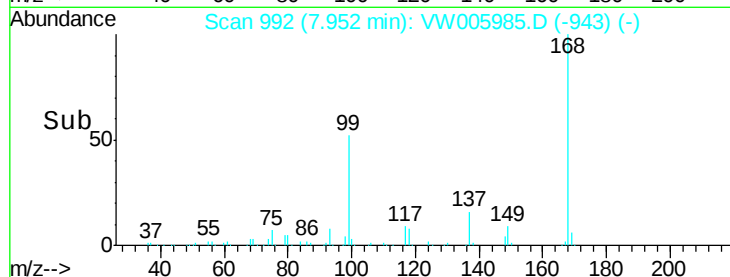
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 38.80 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW005985.D

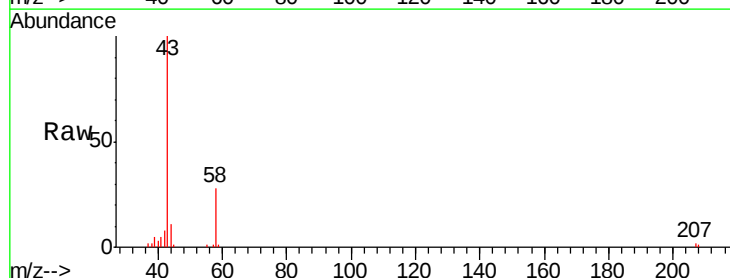
Acq: 10 Oct 2018 13:54

Tgt Ion: 43 Resp: 17458

Ion Ratio Lower Upper

43 100

58 28.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

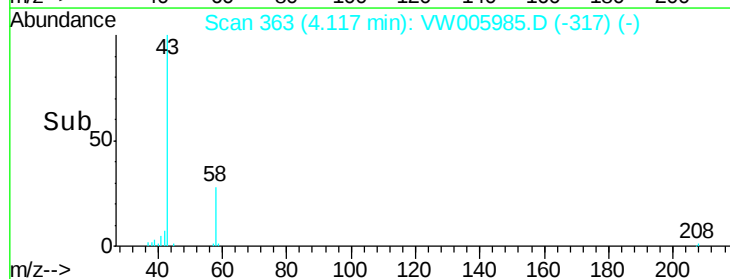
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4000

2000

0

Time-->

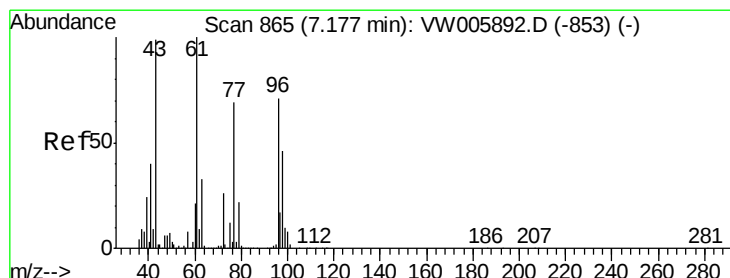
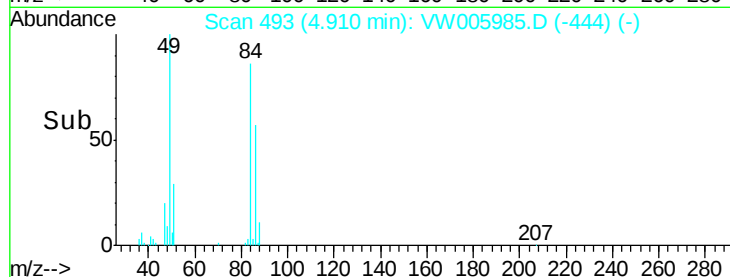
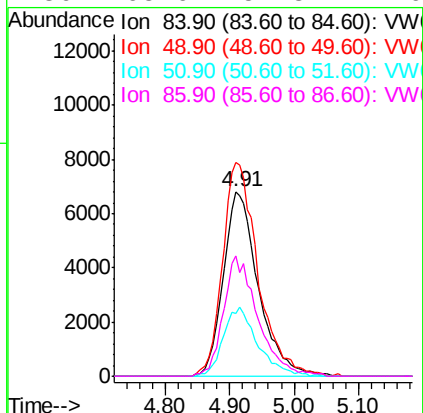
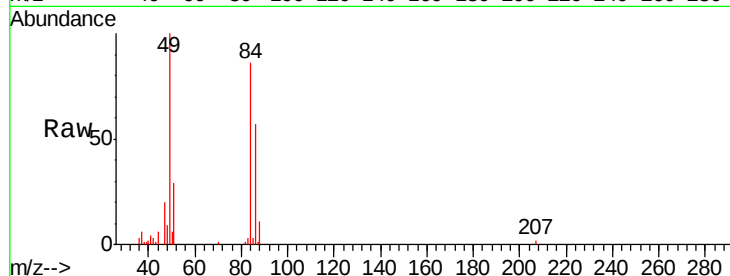




#20
Methylene Chloride
Concen: 11.52 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005985.D
Acq: 10 Oct 2018 13:54

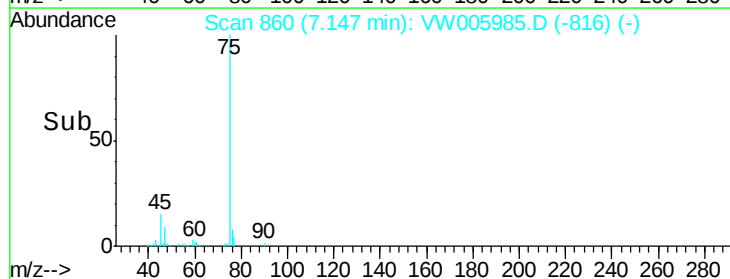
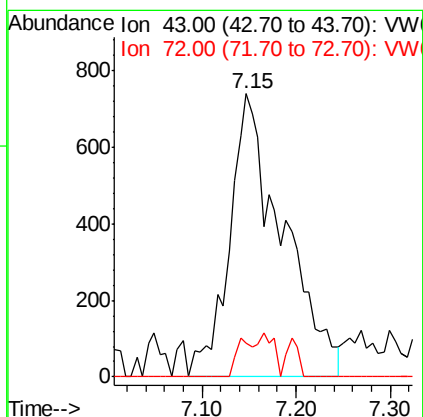
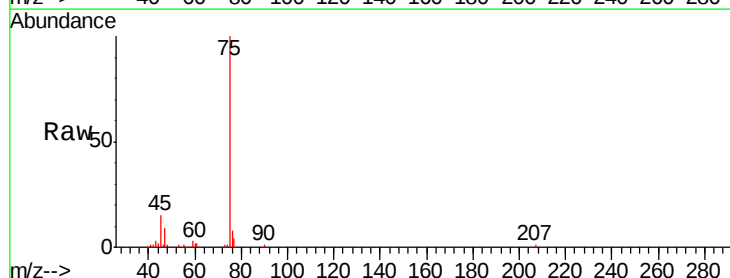
Instrument :
MSVOA_W
ClientSampled :
TRACK-D-2

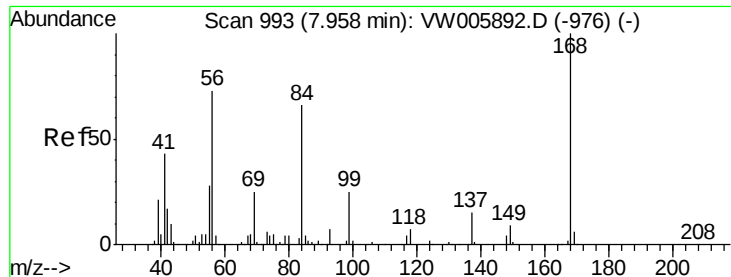
Tgt Ion:	84	Resp:	25964
Ion	Ratio	Lower	Upper
84	100		
49	115.8	99.9	149.9
51	34.1	31.1	46.7
86	65.6	51.8	77.6



#25
2-Butanone
Concen: 4.55 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005985.D
Acq: 10 Oct 2018 13:54

Tgt Ion:	43	Resp:	2911
Ion	Ratio	Lower	Upper
43	100		
72	11.8	21.0	31.4#

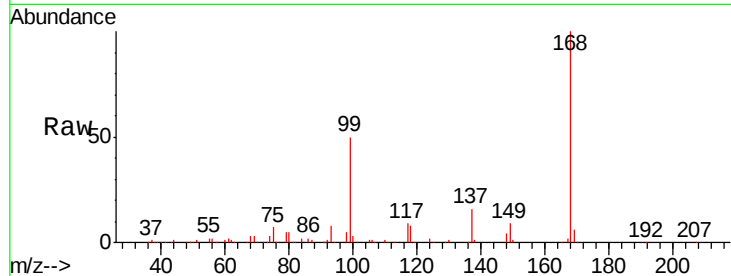




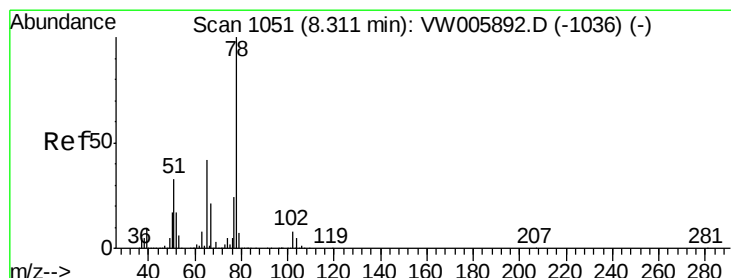
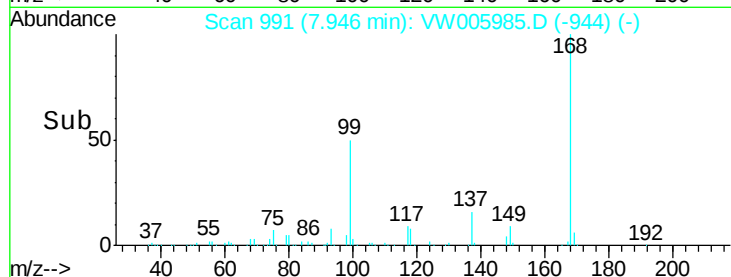
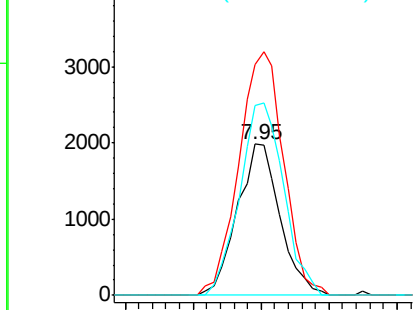
#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005985.D
Acq: 10 Oct 2018 13:54

Instrument :
MSVOA_W
ClientSampled :
TRACK-D-2

Tgt Ion: 56 Resp: 4337
Ion Ratio Lower Upper
56 100
69 152.7 27.9 41.9#
84 125.9 72.3 108.5#

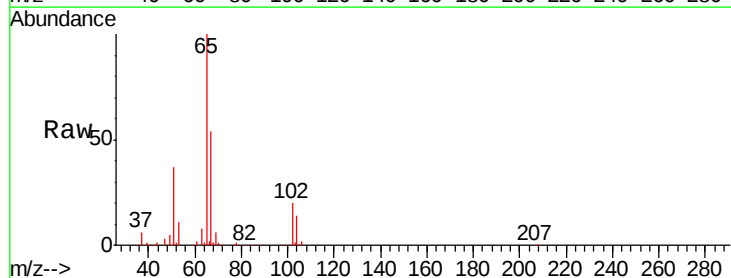


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

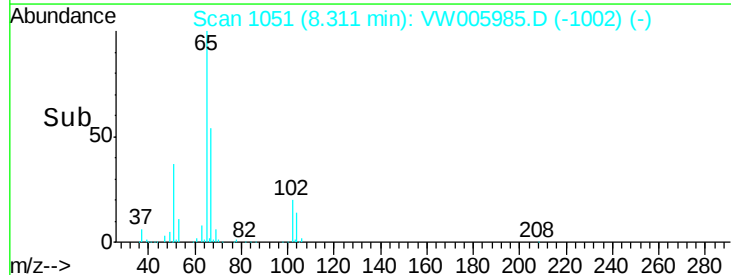
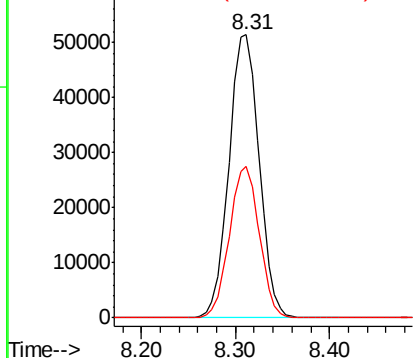


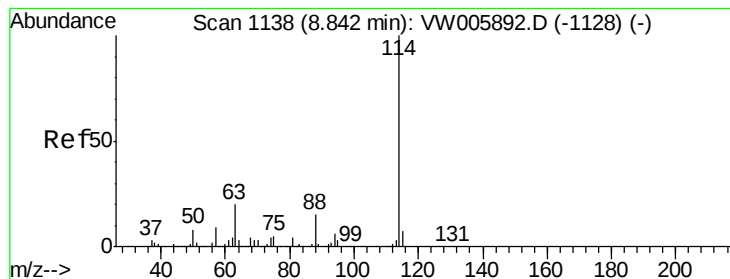
#33
1,2-Dichloroethane-d4
Concen: 50.96 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005985.D
Acq: 10 Oct 2018 13:54

Tgt Ion: 65 Resp: 114801
Ion Ratio Lower Upper
65 100
67 52.7 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: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005985.D

Acq: 10 Oct 2018 13:54

Instrument :

MSVOA_W

ClientSampleId :

TRACK-D-2

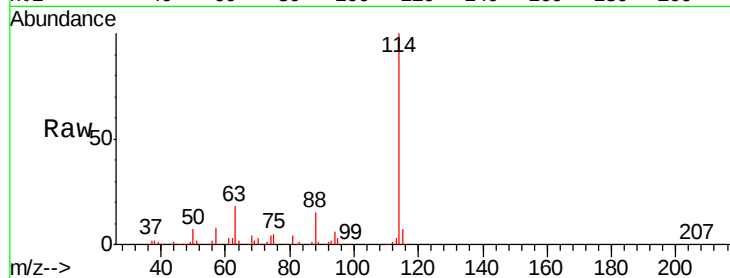
Tgt Ion:114 Resp: 362579

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.2

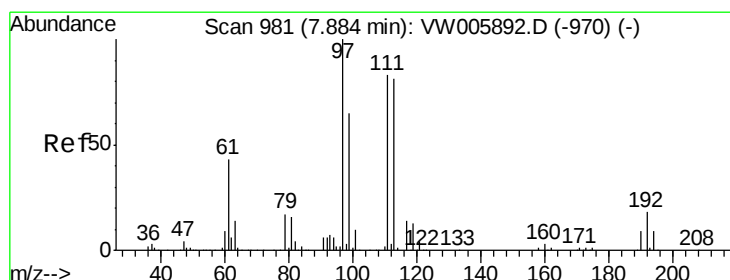
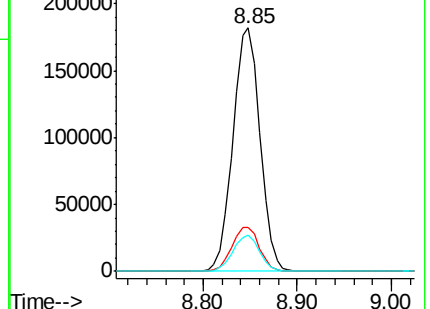
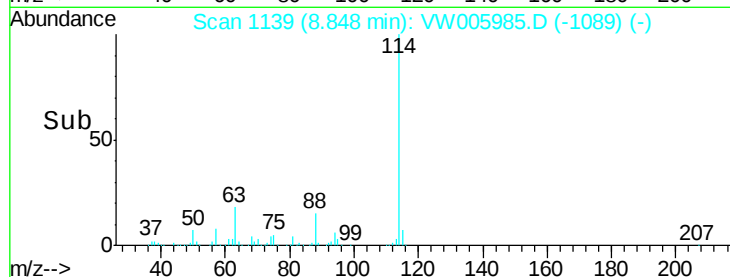
88 15.1 0.0 30.8



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: 48.74 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW005985.D

Acq: 10 Oct 2018 13:54

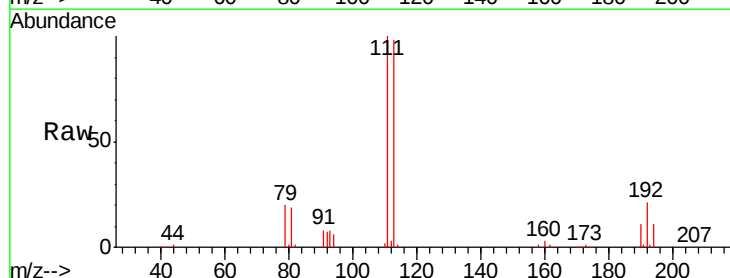
Tgt Ion:113 Resp: 112822

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

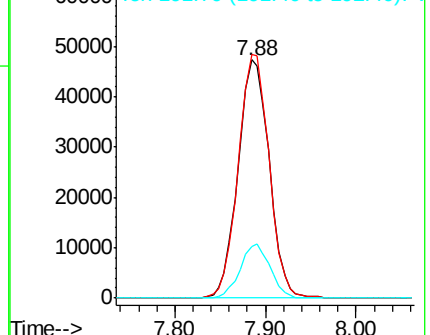
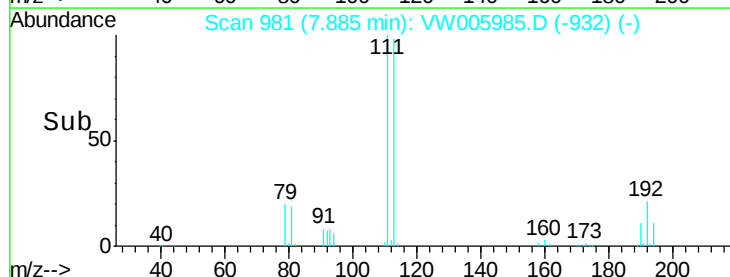
192 21.9 18.3 27.5

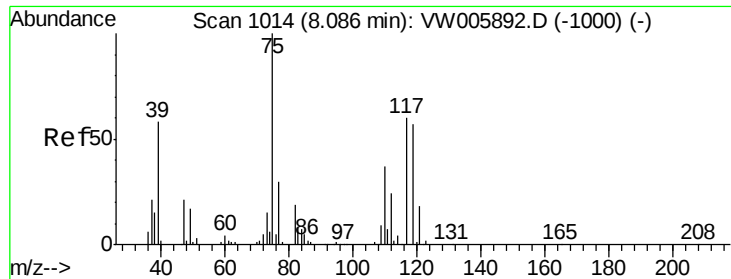


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

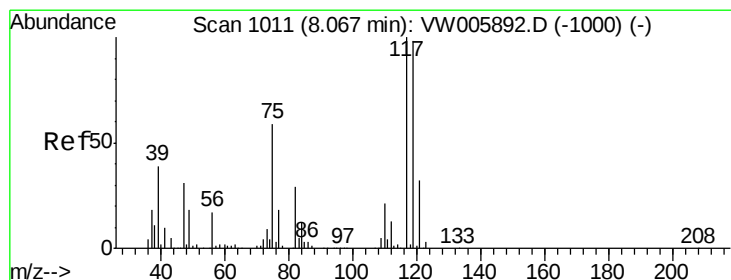
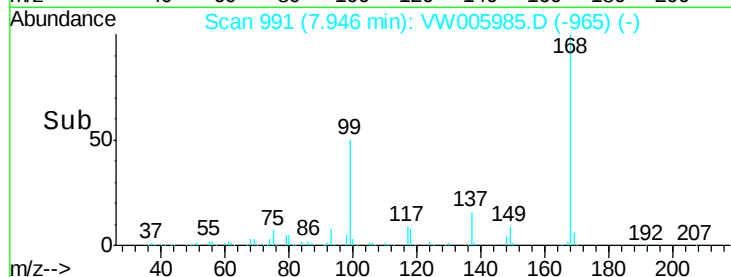
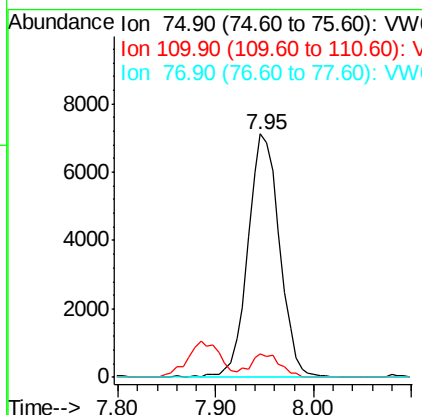
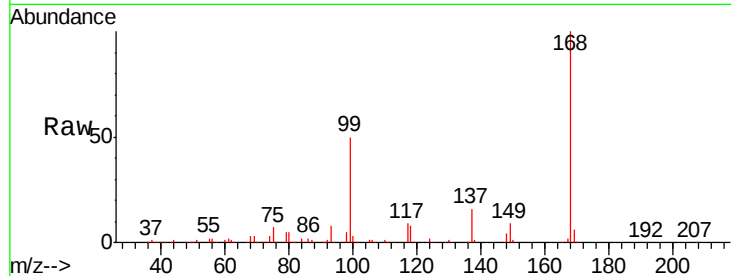




#36
 1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005985.D
 Acq: 10 Oct 2018 13:54

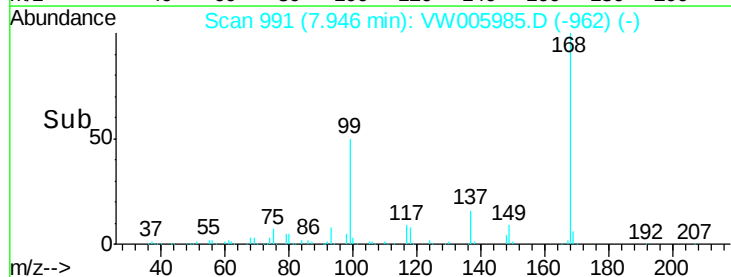
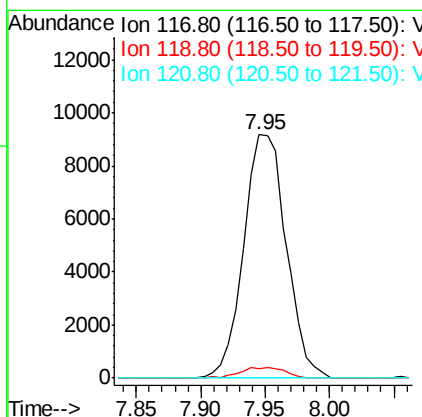
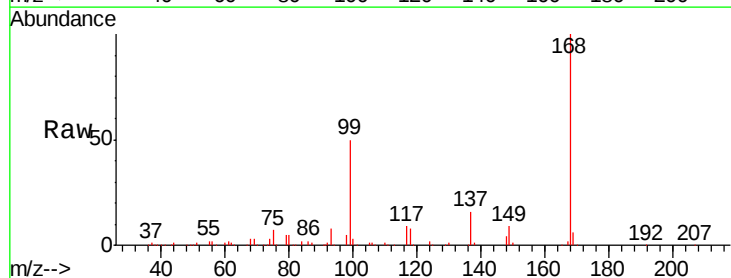
Instrument :
 MSVOA_W
 ClientSampled :
 TRACK-D-2

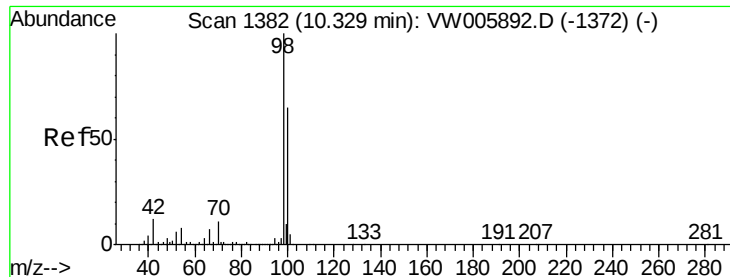
Tgt Ion: 75 Resp: 15938
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.61 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW005985.D
 Acq: 10 Oct 2018 13:54

Tgt Ion: 117 Resp: 20954
 Ion Ratio Lower Upper
 117 100
 119 4.0 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 45.79 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005985.D

Acq: 10 Oct 2018 13:54

Instrument :

MSVOA_W

ClientSampled :

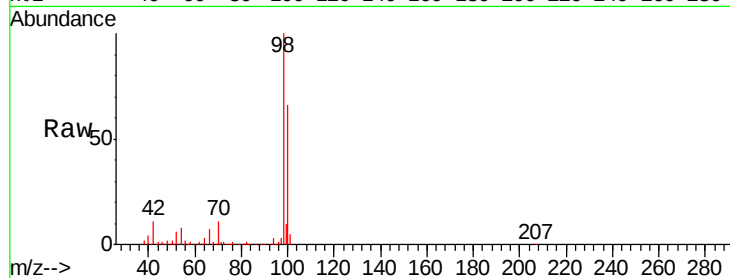
TRACK-D-2

Tgt Ion: 98 Resp: 407784

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

150000

100000

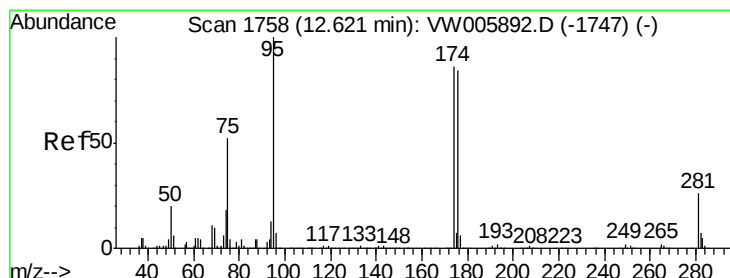
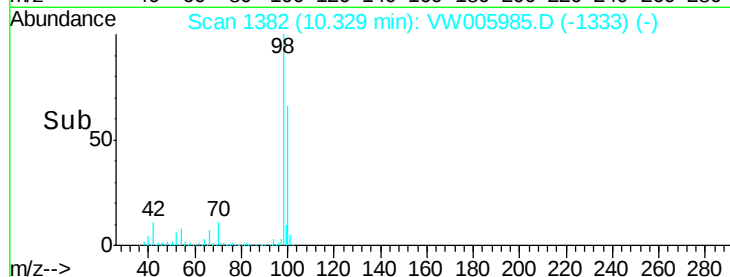
50000

0

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 43.38 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005985.D

Acq: 10 Oct 2018 13:54

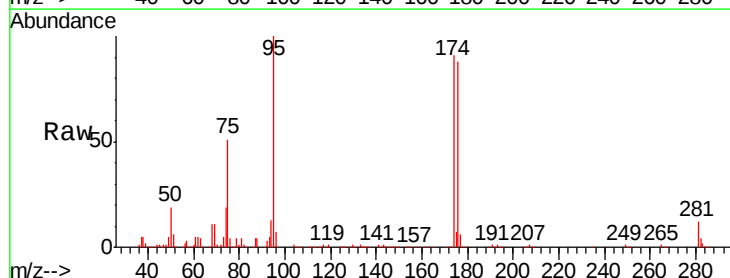
Tgt Ion: 95 Resp: 147012

Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

176 89.6 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

120000

100000

80000

60000

40000

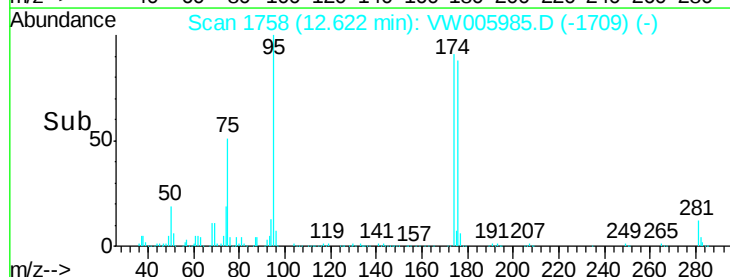
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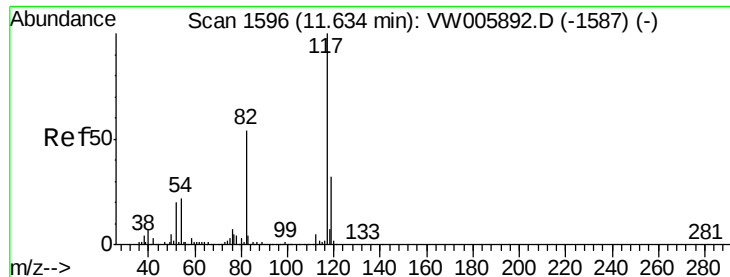
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12.60

12.70

Time-->

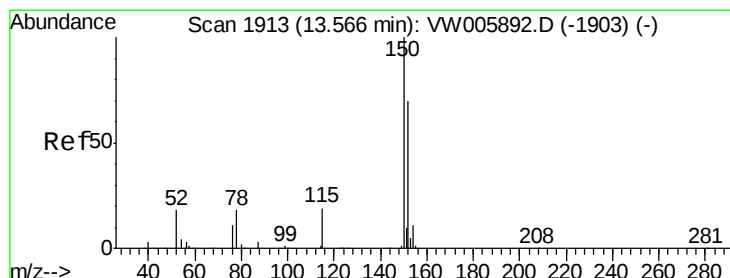
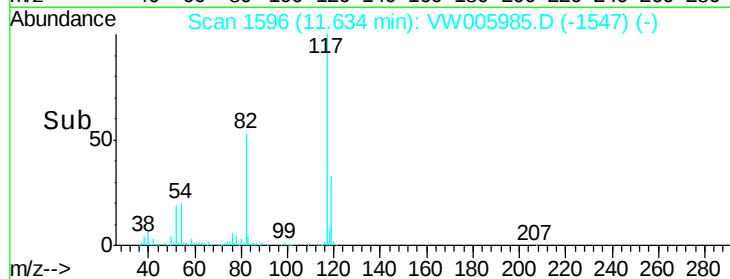
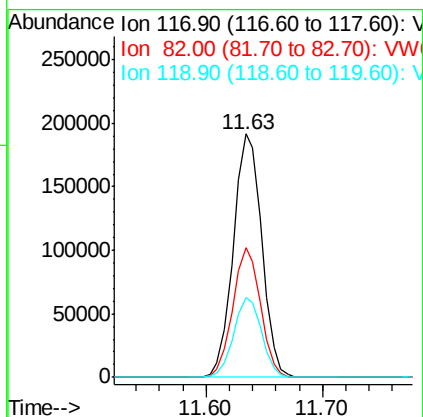
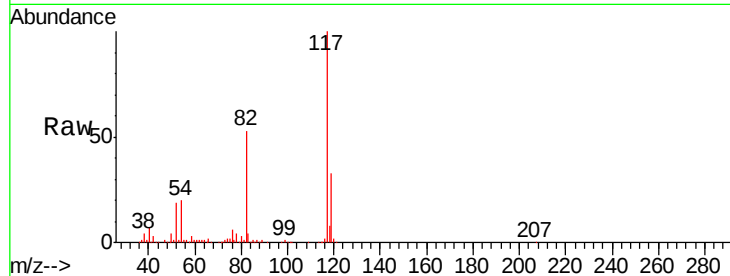




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005985.D
Acq: 10 Oct 2018 13:54

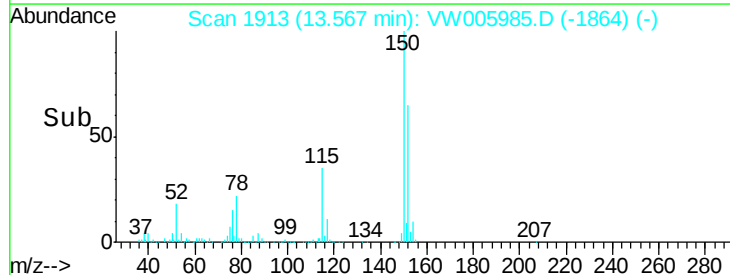
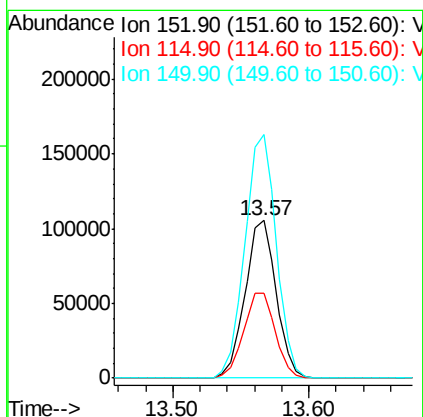
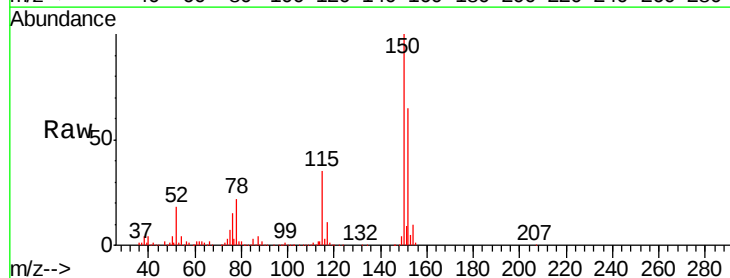
Instrument :
MSVOA_W
ClientSampleId :
TRACK-D-2

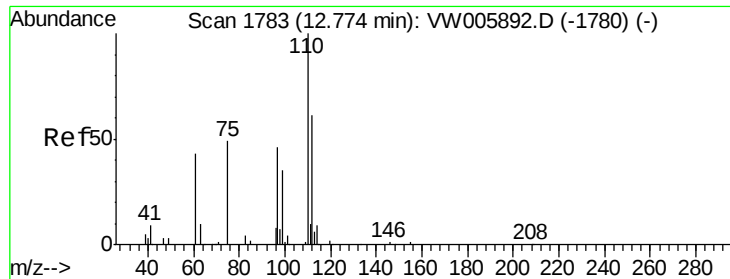
Tgt Ion:117 Resp: 325680
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005985.D
Acq: 10 Oct 2018 13:54

Tgt Ion:152 Resp: 168692
Ion Ratio Lower Upper
152 100
115 55.3 28.3 85.0
150 156.4 0.0 349.2

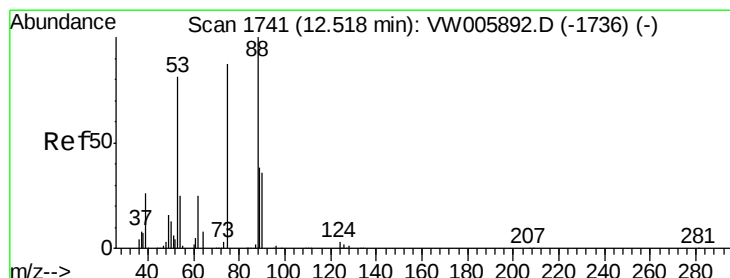
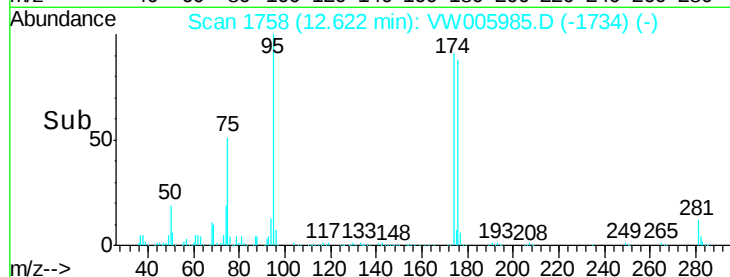
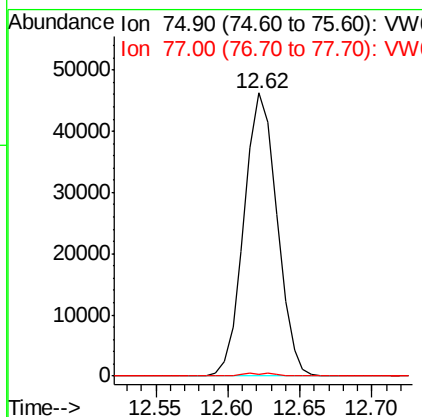
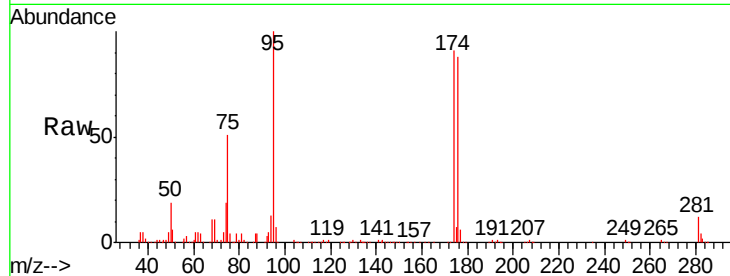




#76
 1,2,3-Trichloropropane
 Concen: 48.81 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005985.D
 Acq: 10 Oct 2018 13:54

Instrument :
 MSVOA_W
 ClientSampled :
 TRACK-D-2

Tgt Ion: 75 Resp: 73553
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.05 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005985.D
 Acq: 10 Oct 2018 13:54

Tgt Ion: 75 Resp: 73553
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.0 37.6 56.4#

