

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005997.D
 Acq On : 10 Oct 2018 19:04
 Operator : SY/AP
 Sample : J5287-04RE
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-4

Quant Time: Oct 11 04:54:55 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

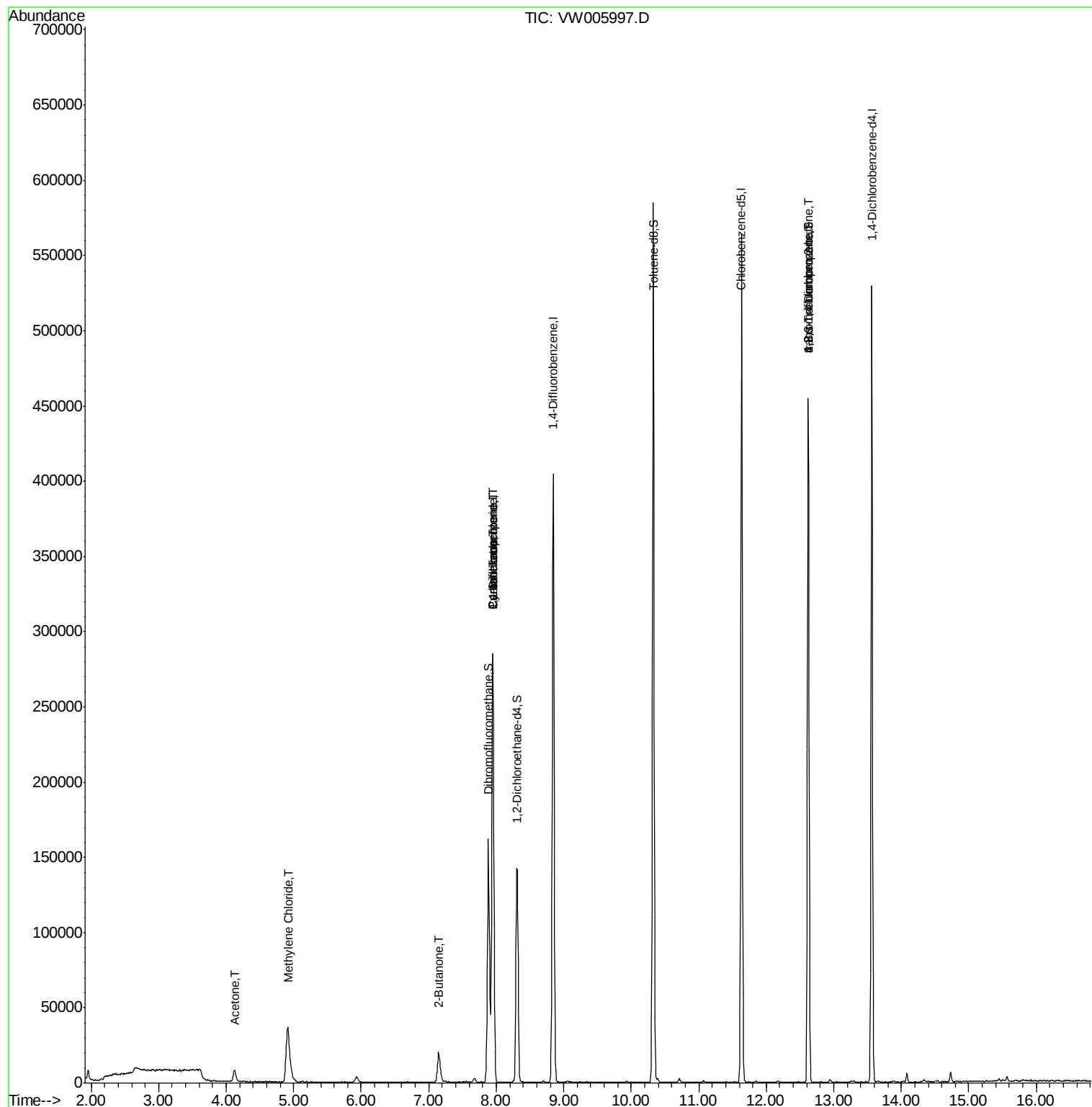
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	146954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112518	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	7.88	113	108579	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	10.32	98	396499	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
62) 4-Bromofluorobenzene	12.62	95	135153	40.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.88%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	14590	32.176	ug/l	98
20) Methylene Chloride	4.91	84	36138	15.907	ug/l	92
25) 2-Butanone	7.15	43	860	1.333	ug/l #	49
31) Cyclohexane	7.95	56	4362	1.098	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	15736	4.592	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21079	5.726	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	68185	51.943	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68185	109.656	ug/l #	11

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

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Quant Time: Oct 11 04:54:55 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005997.D

Acq: 10 Oct 2018 19:04

Instrument :

MSVOA_W

ClientSampleId :

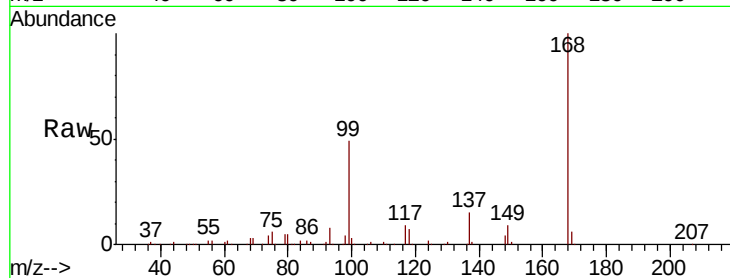
TRACK-D-4

Tot Ion:168 Resp: 233846

Ion Ratio Lower Upper

168 100

99 48.7 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

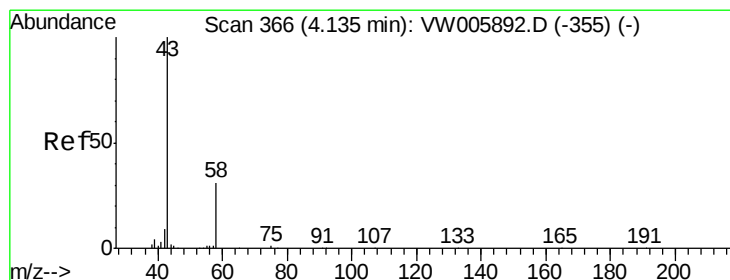
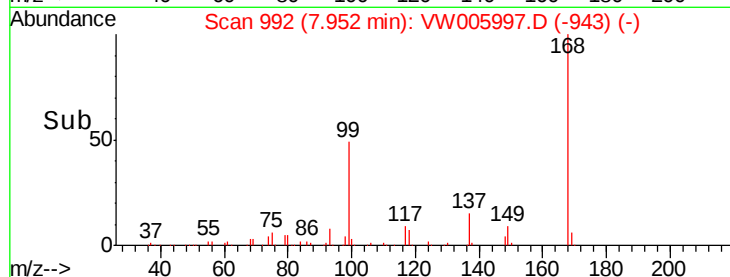
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 32.176 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005997.D

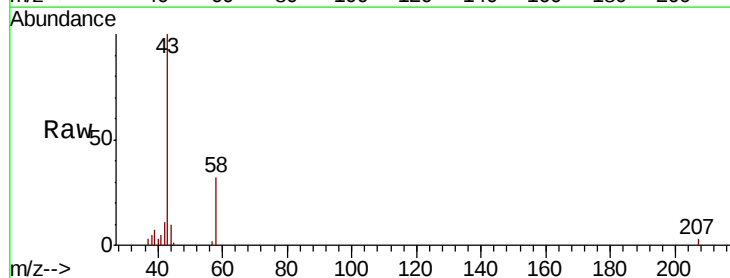
Acq: 10 Oct 2018 19:04

Tgt Ion: 43 Resp: 14590

Ion Ratio Lower Upper

43 100

58 32.1 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

5000

4000

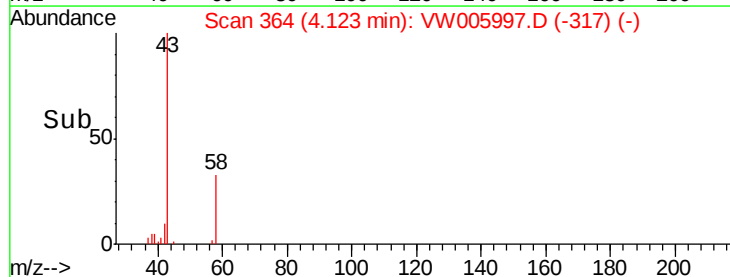
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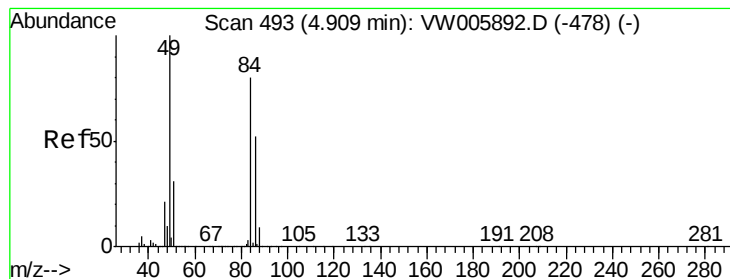
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 15.907 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW005997.D

Acq: 10 Oct 2018 19:04

Instrument :

MSVOA_W

ClientSampled :

TRACK-D-4

Tot Ion: 84 Resp: 36138

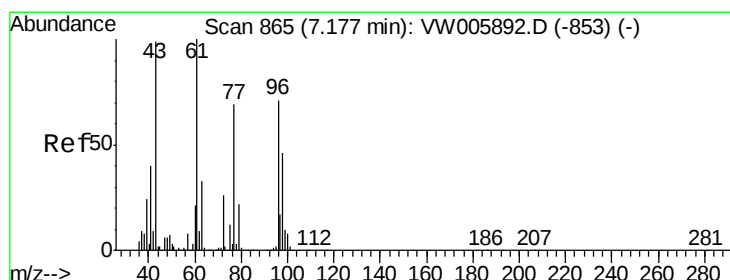
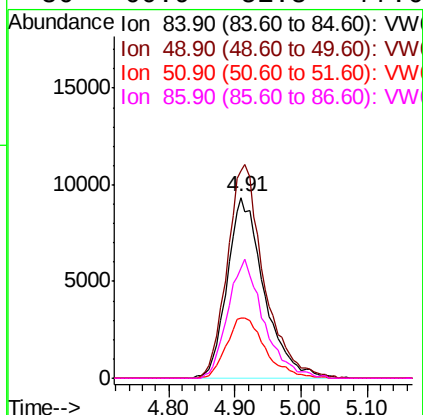
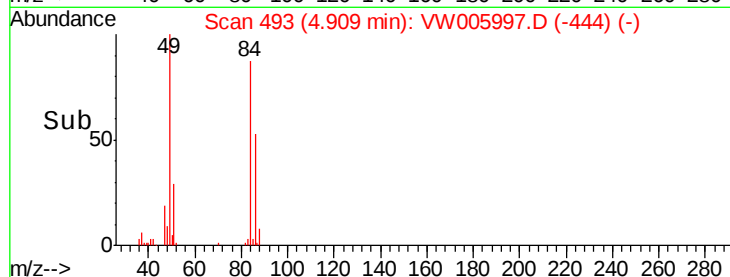
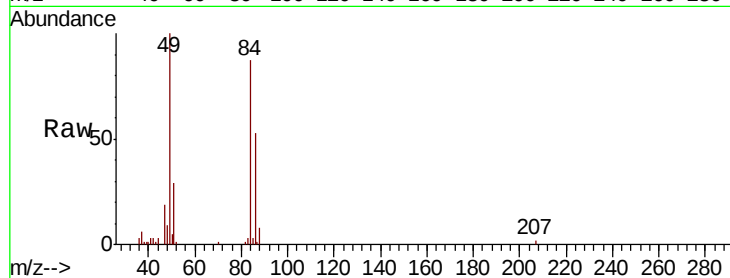
Ion Ratio Lower Upper

84 100

49 114.7 99.9 149.9

51 33.2 31.1 46.7

86 60.9 51.8 77.6



#25

2-Butanone

Concen: 1.333 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005997.D

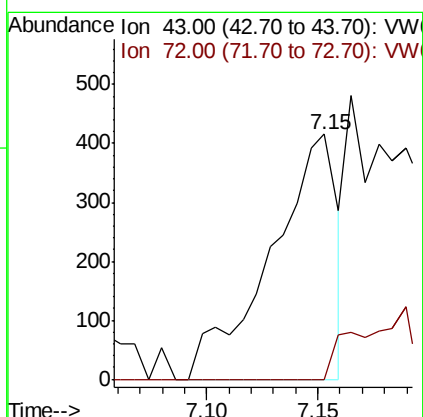
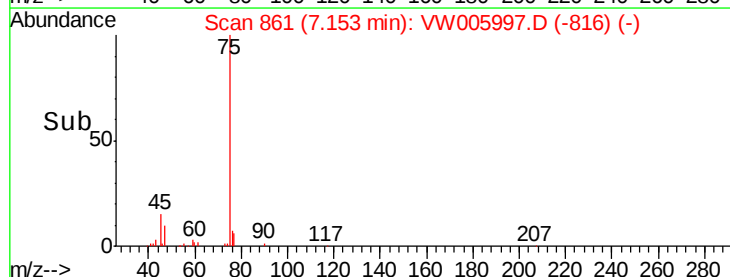
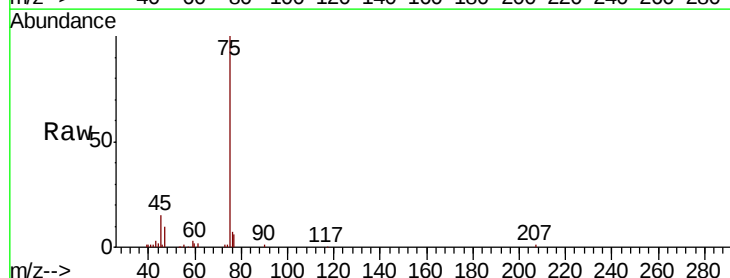
Acq: 10 Oct 2018 19:04

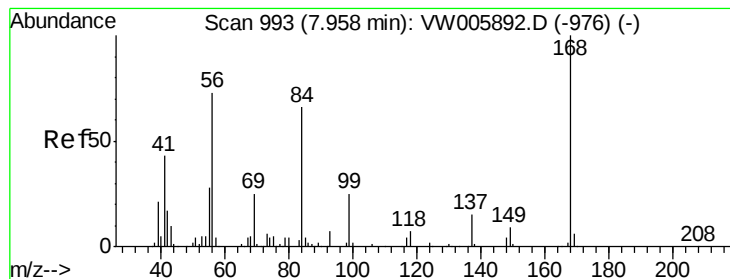
Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#





#31

Cyclohexane

Concen: 1.098 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005997.D

Acq: 10 Oct 2018 19:04

Instrument :

MSVOA_W

ClientSampled :

TRACK-D-4

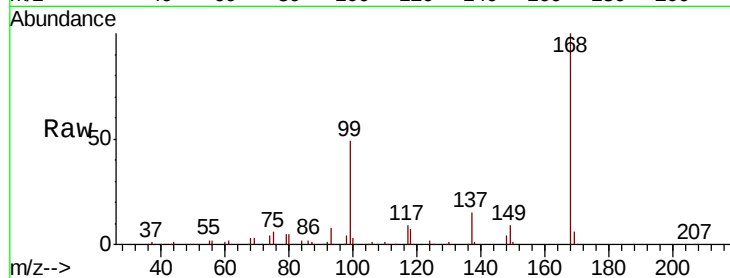
Tot Ion: 56 Resp: 4362

Ion Ratio Lower Upper

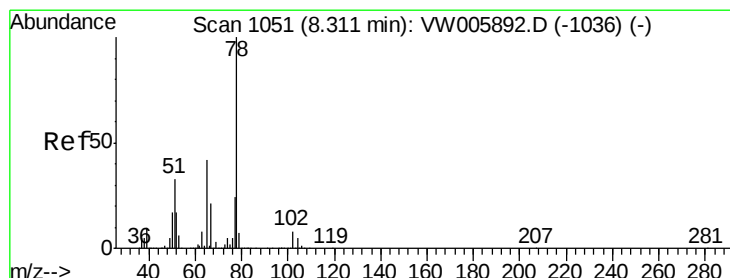
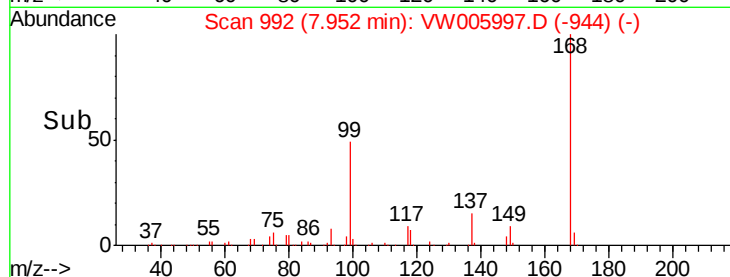
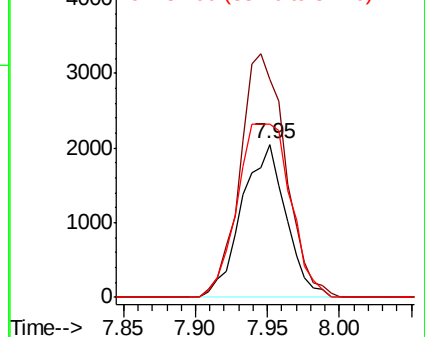
56 100

69 142.0 27.9 41.9#

84 113.1 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: 49.565 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005997.D

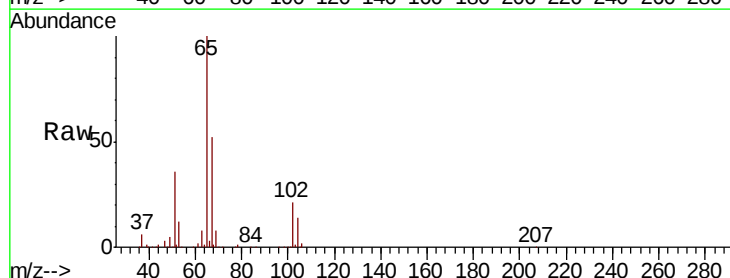
Acq: 10 Oct 2018 19:04

Tgt Ion: 65 Resp: 112518

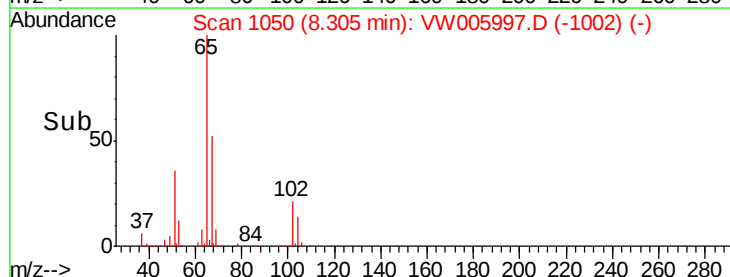
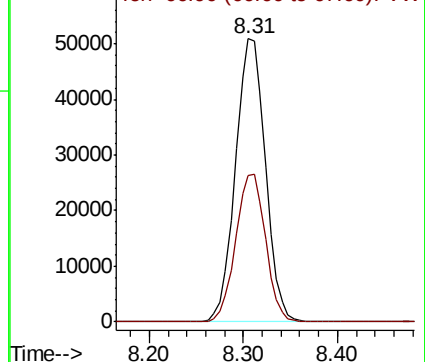
Ion Ratio Lower Upper

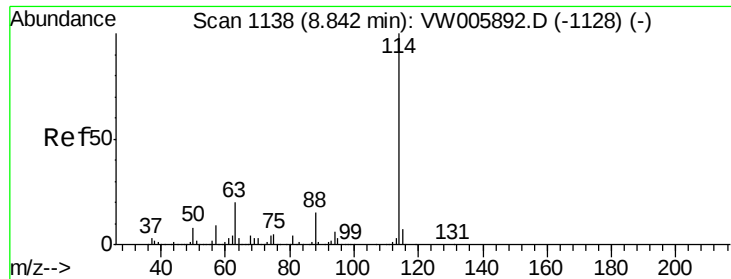
65 100

67 52.2 0.0 104.6



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

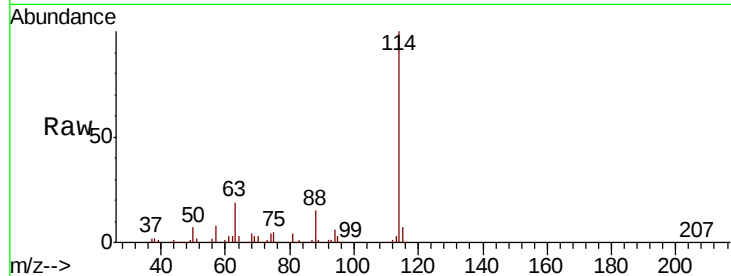




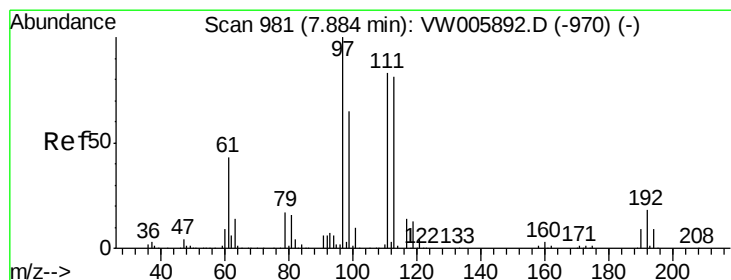
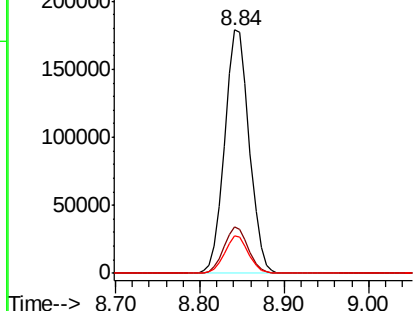
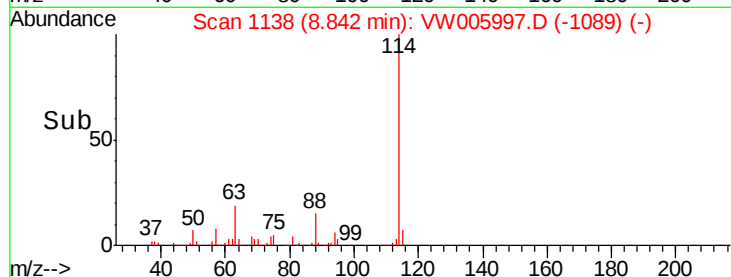
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW005997.D
 Acq: 10 Oct 2018 19:04

Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.2
88	15.2	0.0	30.8

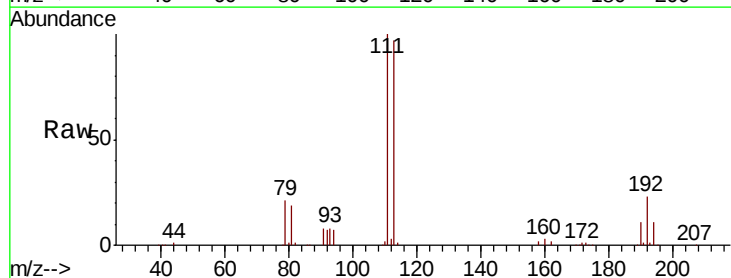


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

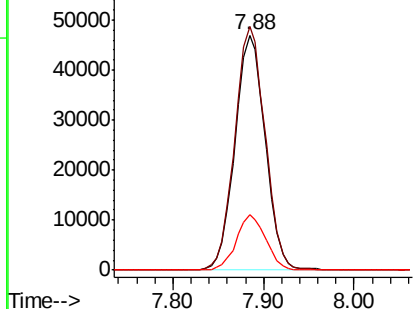
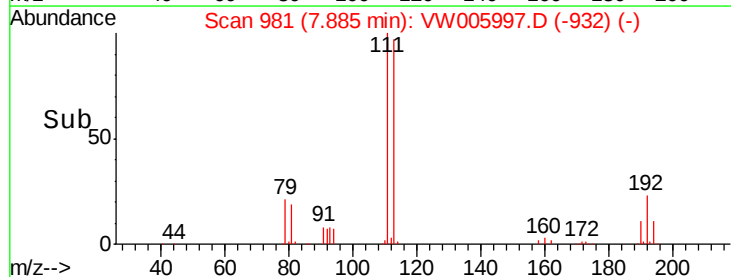


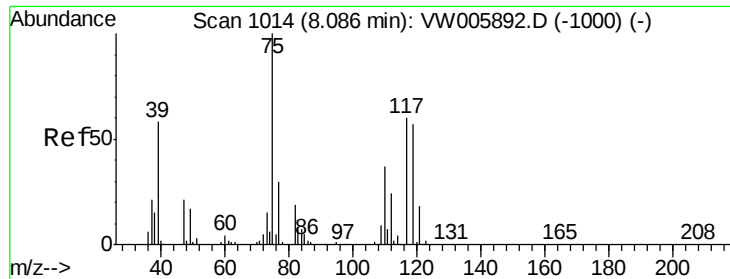
#35
 Dibromofluoromethane
 Concen: 47.556 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005997.D
 Acq: 10 Oct 2018 19:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	22.7	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

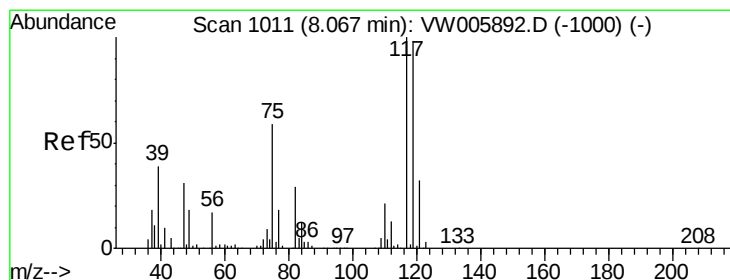
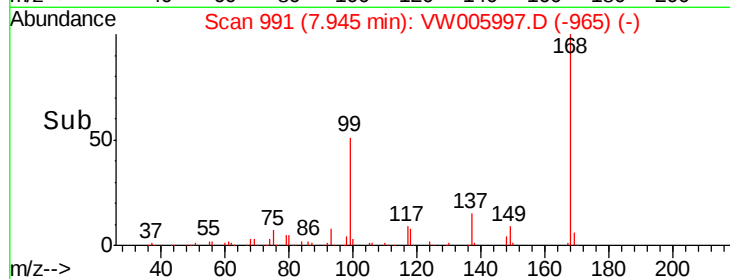
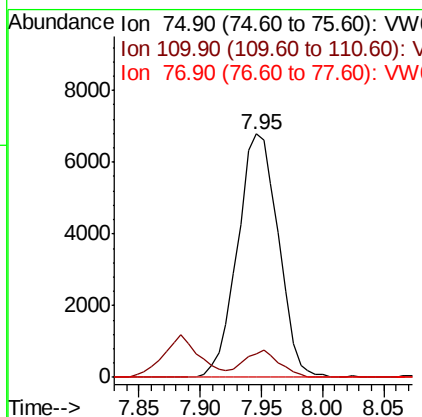
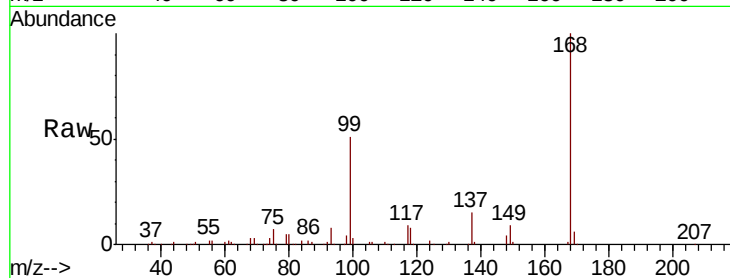




#36
 1,1-Dichloropropene
 Concen: 4.592 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005997.D
 Acq: 10 Oct 2018 19:04

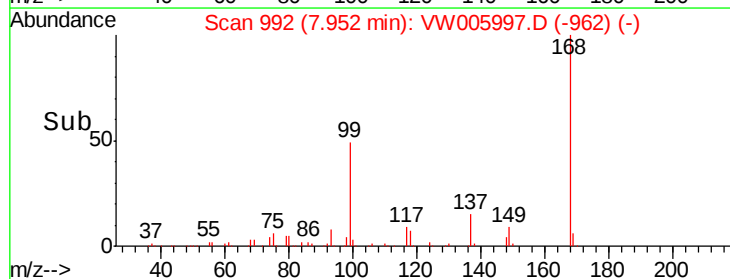
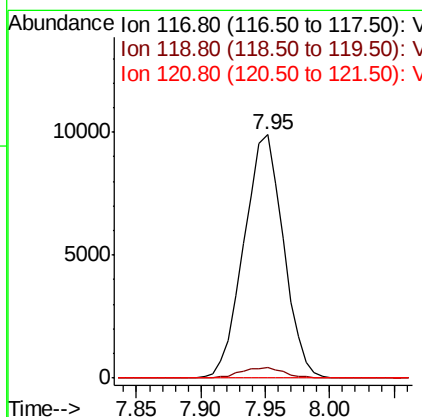
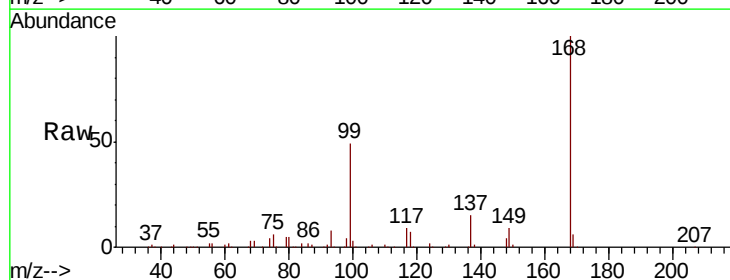
Instrument :
 MSVOA_W
 ClientSampleId :
 TRACK-D-4

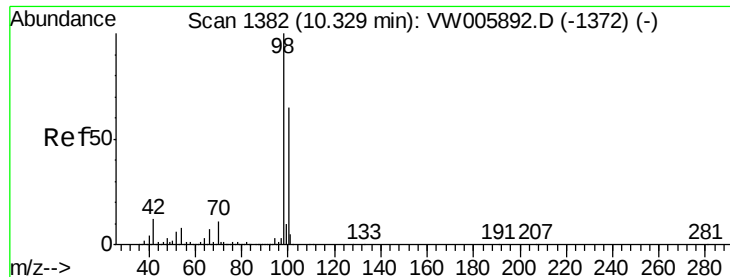
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.726 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005997.D
 Acq: 10 Oct 2018 19:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 45.136 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW005997.D

Acq: 10 Oct 2018 19:04

Instrument :

MSVOA_W

ClientSampleId :

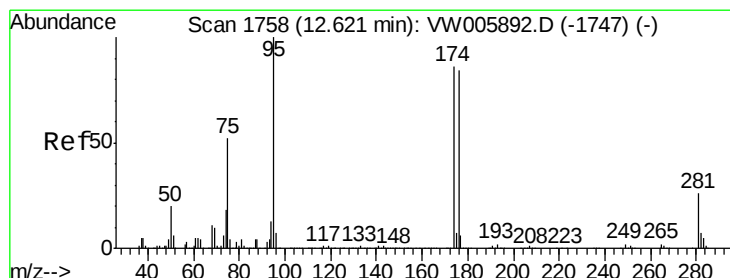
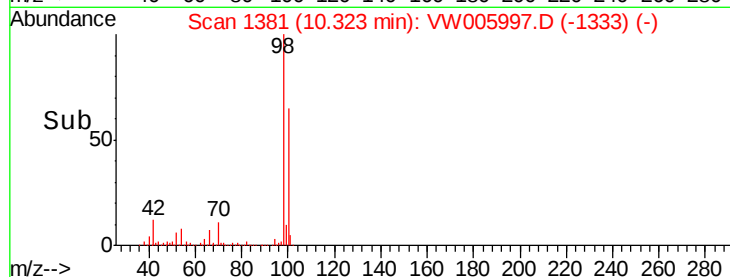
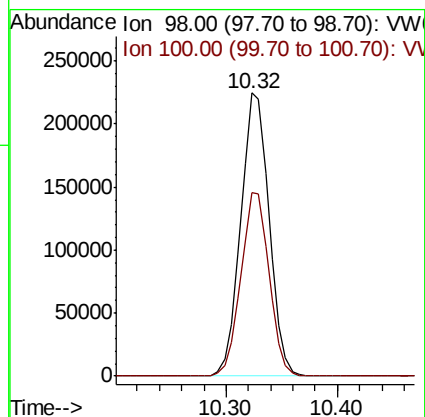
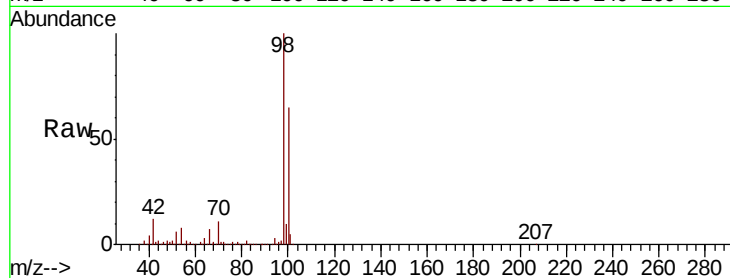
TRACK-D-4

Tot Ion: 98 Resp: 396499

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 40.439 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005997.D

Acq: 10 Oct 2018 19:04

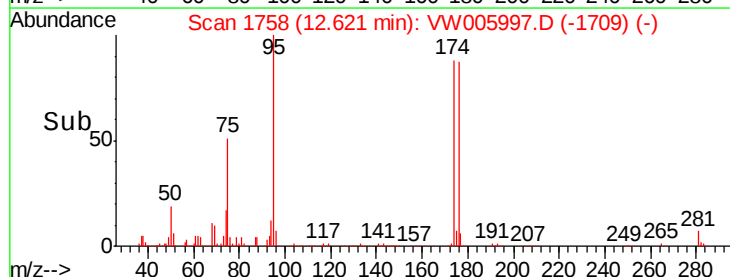
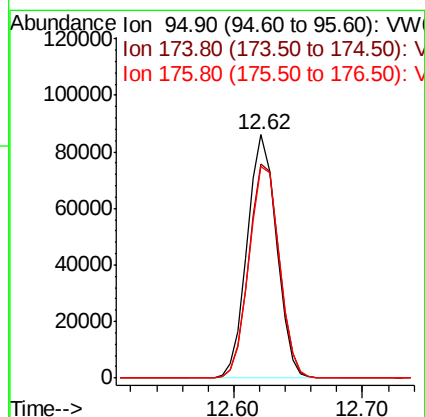
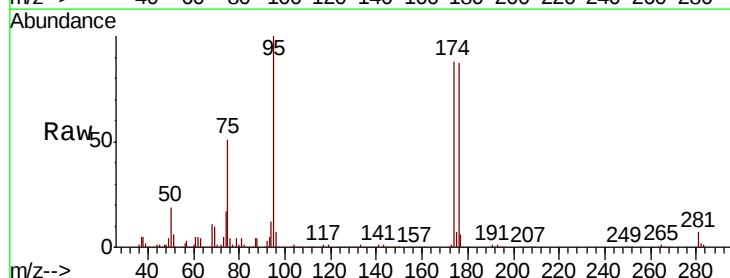
Tgt Ion: 95 Resp: 135153

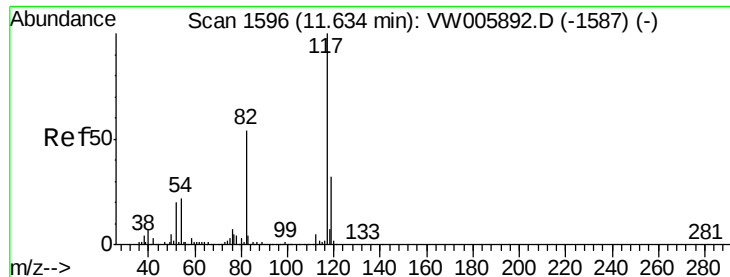
Ion Ratio Lower Upper

95 100

174 91.0 0.0 176.4

176 90.0 0.0 173.0

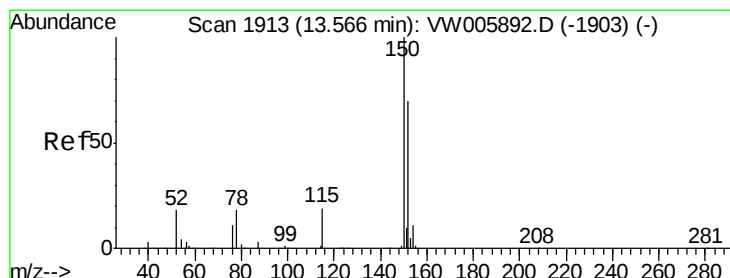
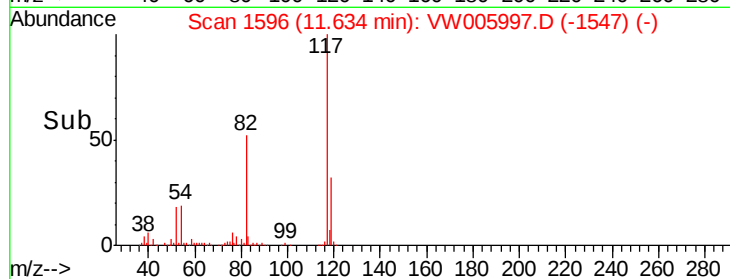
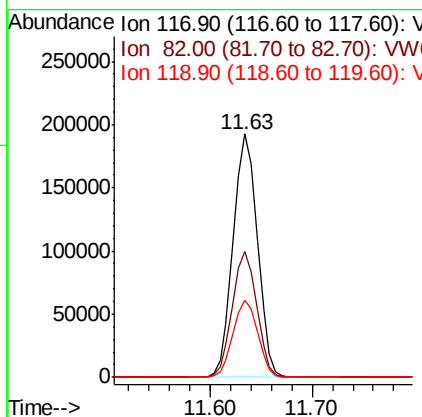
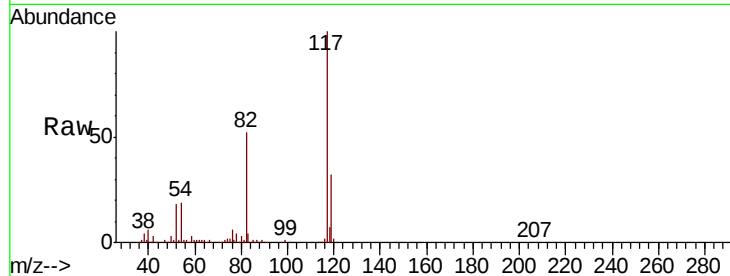




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005997.D
Acq: 10 Oct 2018 19:04

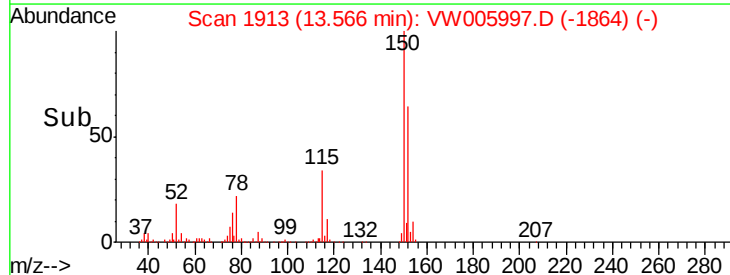
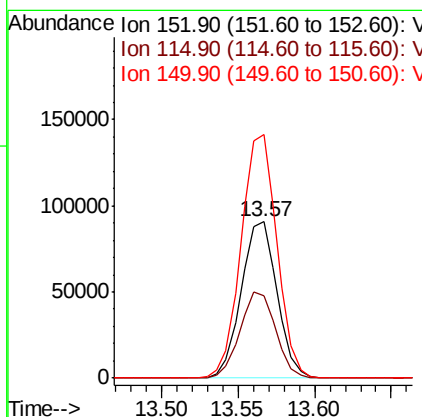
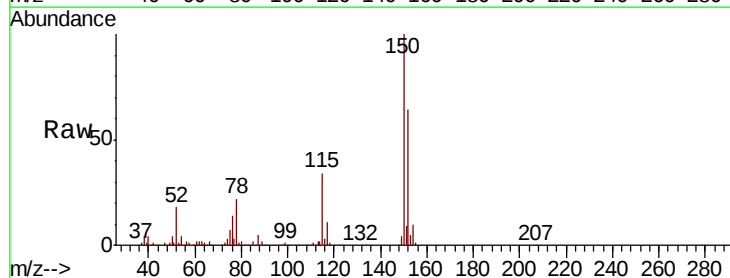
Instrument :
MSVOA_W
ClientSampled :
TRACK-D-4

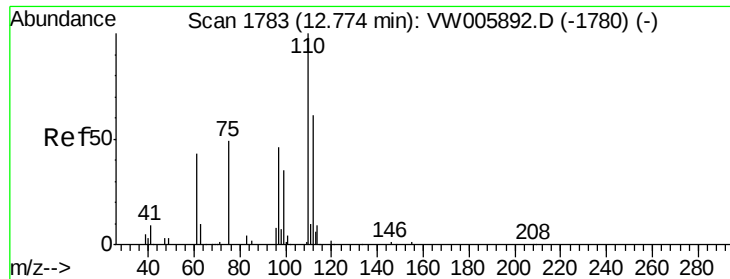
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.5	65.3
119	31.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005997.D
Acq: 10 Oct 2018 19:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.3	85.0
150	156.2	0.0	349.2





#76

1,2,3-Trichloropropane

Concen: 51.943 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005997.D

Acq: 10 Oct 2018 19:04

Instrument :

MSVOA_W

ClientSampleId :

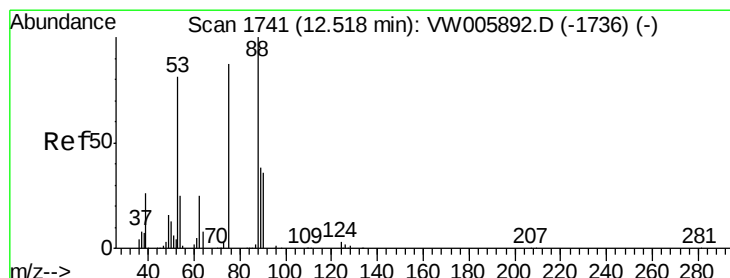
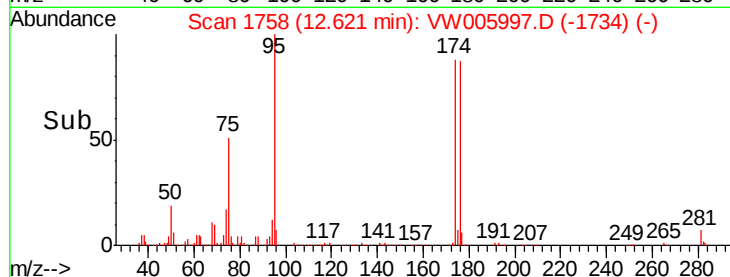
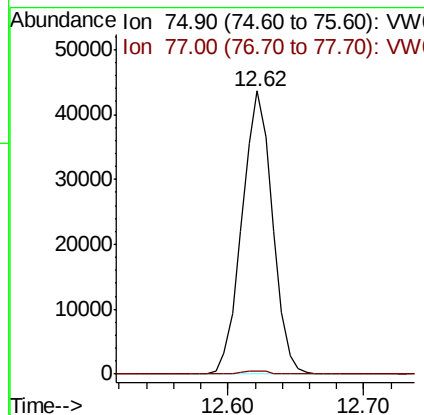
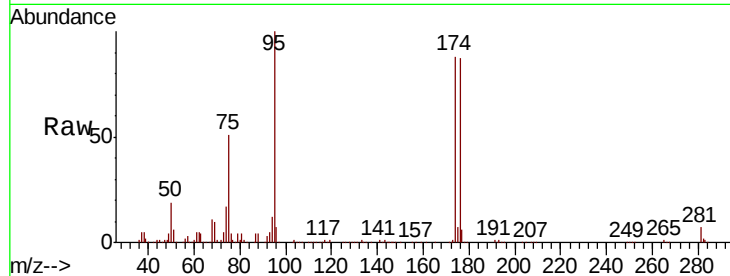
TRACK-D-4

Tot Ion: 75 Resp: 68185

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 109.656 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005997.D

Acq: 10 Oct 2018 19:04

Tgt Ion: 75 Resp: 68185

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 37.6 56.4#

