

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103118\
 Data File : VW006496.D
 Acq On : 30 Oct 2018 12:51
 Operator : SY/AP
 Sample : J5688-01RE
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DPC-91567-OD-01

Quant Time: Oct 30 14:01:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	381237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186047	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	122756	55.43	ug/l	0.00
Spiked Amount			Recovery	=	110.86%	
35) Dibromofluoromethane	7.89	113	123816	54.96	ug/l	0.00
Spiked Amount			Recovery	=	109.92%	
50) Toluene-d8	10.33	98	471832	55.05	ug/l	0.00
Spiked Amount			Recovery	=	110.10%	
62) 4-Bromofluorobenzene	12.62	95	163728	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	

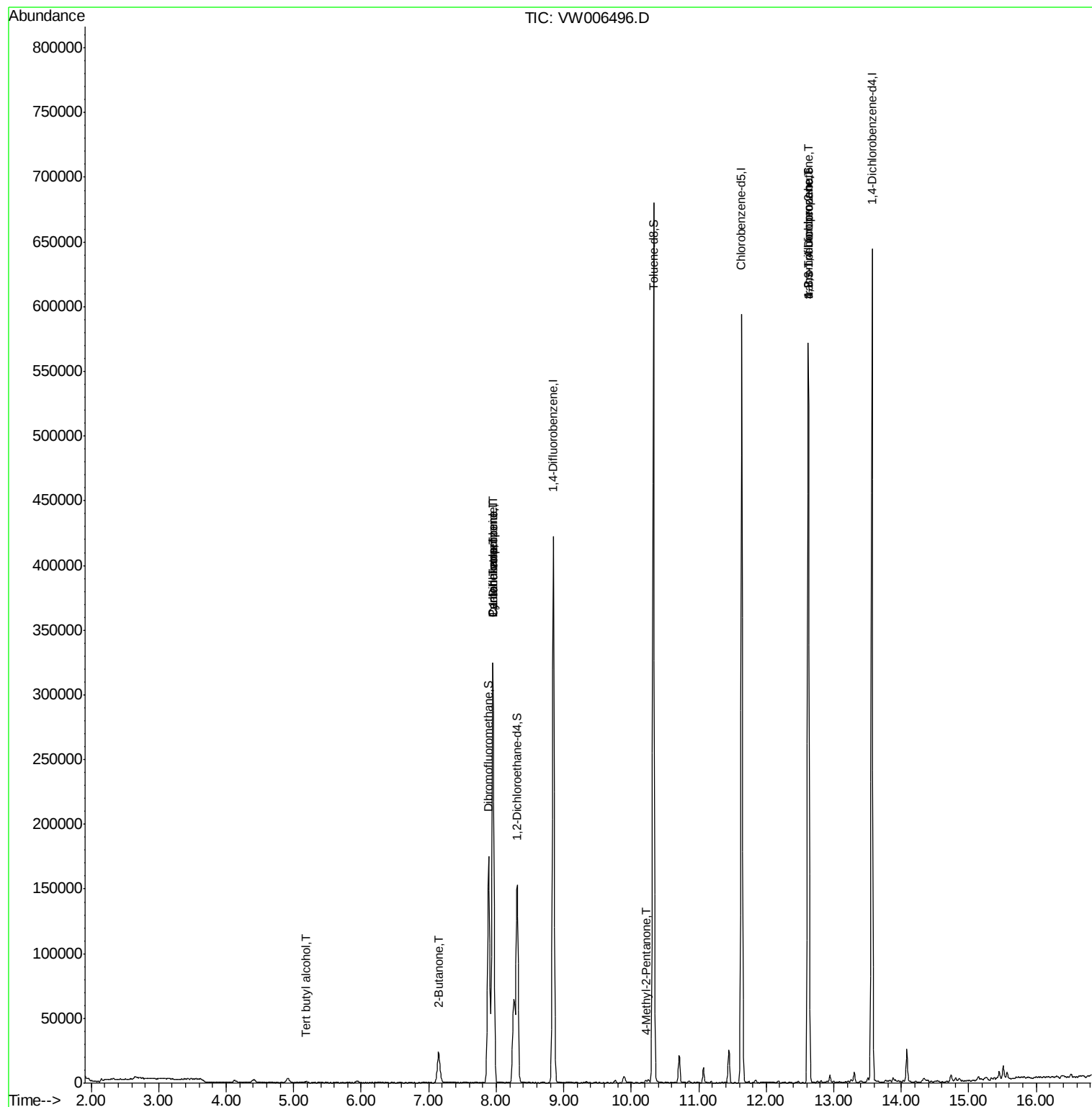
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	1739	11.68	ug/l #	85
16) Acetone	4.13	43	3420	Below	Cal	97
20) Methylene Chloride	4.91	84	3003	Below	Cal	85
25) 2-Butanone	7.15	43	1145	1.91	ug/l #	46
31) Cyclohexane	7.95	56	4680	1.15	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	16485	4.69	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23272	6.04	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	1717	1.28	ug/l	88
76) 1,2,3-Trichloropropane	12.62	75	82266	57.89	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82266	138.38	ug/l #	10

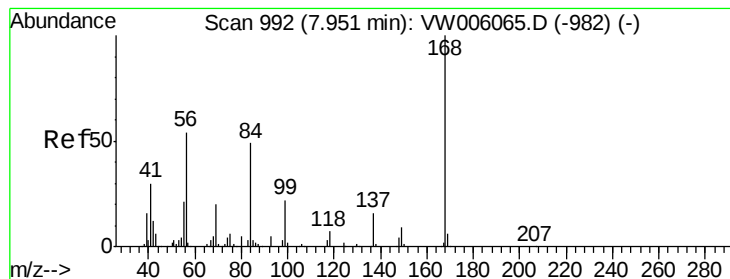
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103118\
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
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: VW006496.D

Acq: 30 Oct 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

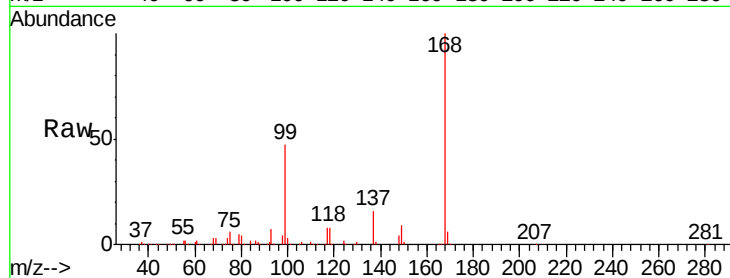
DPC-91567-OD-01

Tgt Ion: 168 Resp: 267122

Ion Ratio Lower Upper

168 100

99 47.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

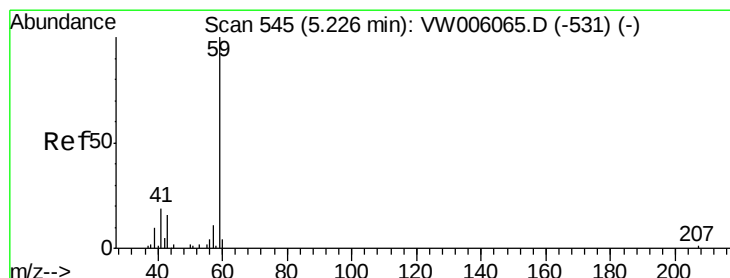
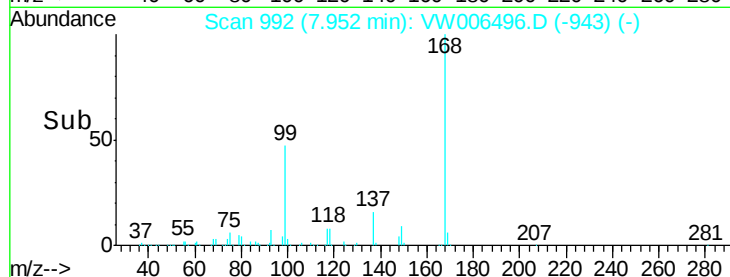
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 11.68 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.04 min

Lab File: VW006496.D

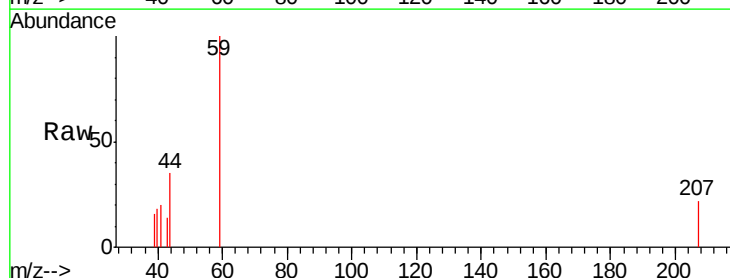
Acq: 30 Oct 2018 12:51

Tgt Ion: 59 Resp: 1739

Ion Ratio Lower Upper

59 100

57 5.1 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

600

500

400

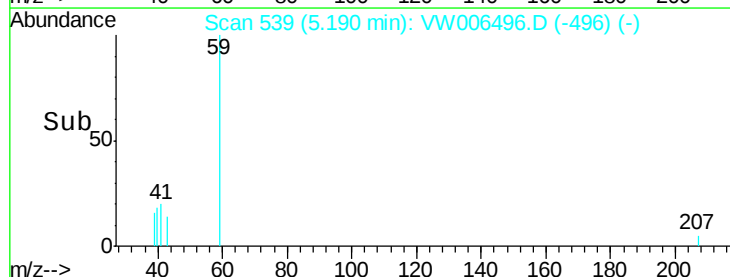
300

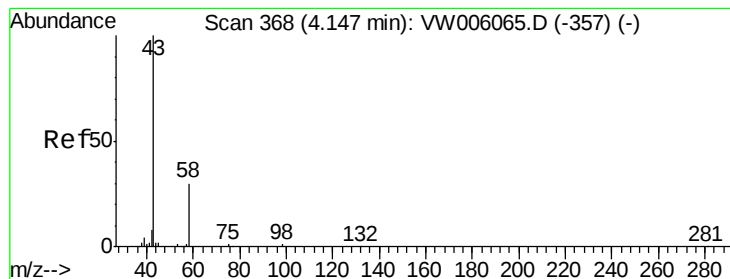
200

100

0

Time--> 5.10 5.20





#16

Acetone

Concen: Below Cal

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006496.D

Acq: 30 Oct 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

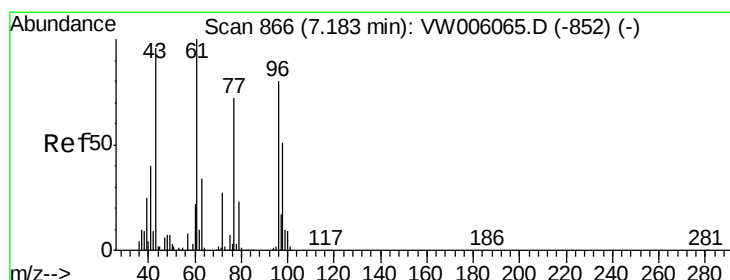
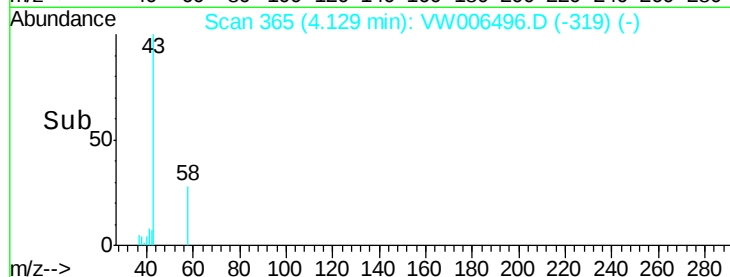
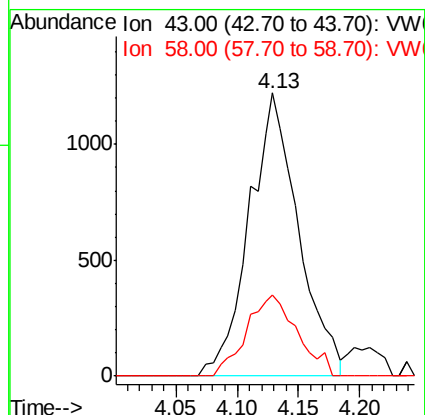
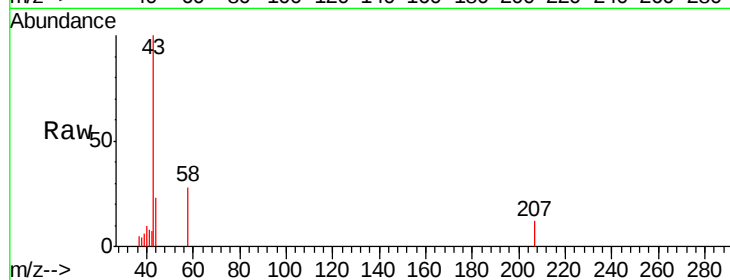
DPC-91567-OD-01

Tgt Ion: 43 Resp: 3420

Ion Ratio Lower Upper

43 100

58 28.5 24.0 36.0



#25

2-Butanone

Concen: 1.91 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006496.D

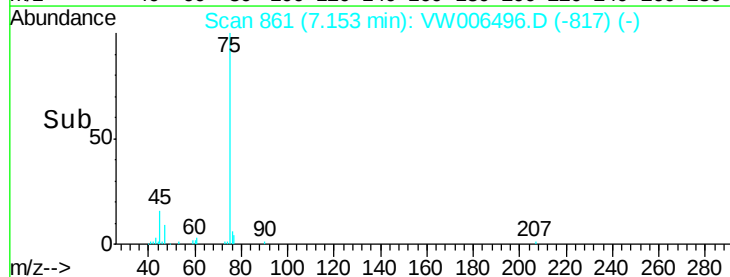
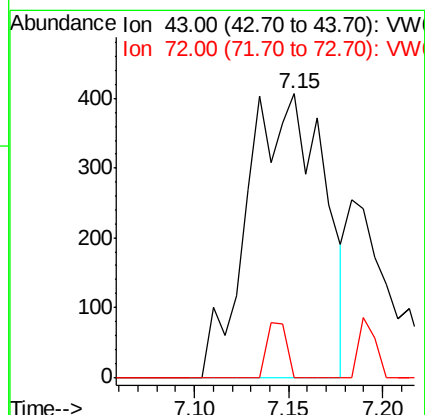
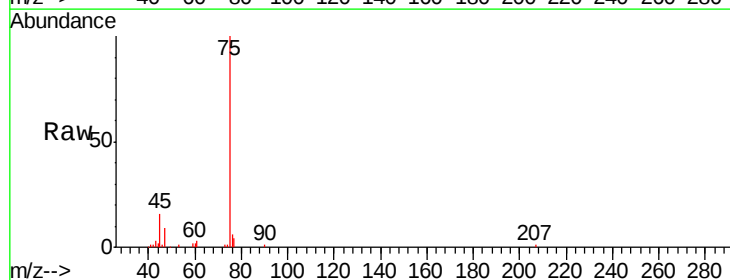
Acq: 30 Oct 2018 12:51

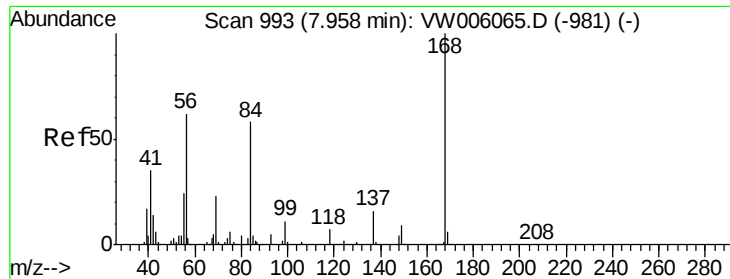
Tgt Ion: 43 Resp: 1145

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#

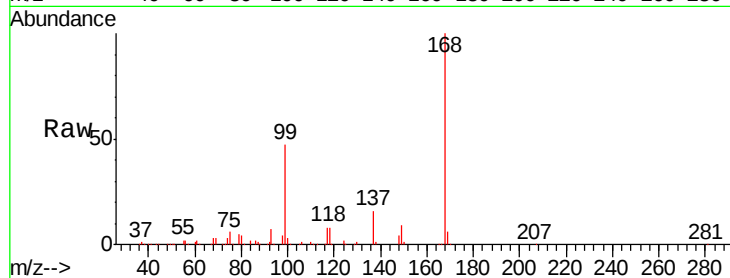




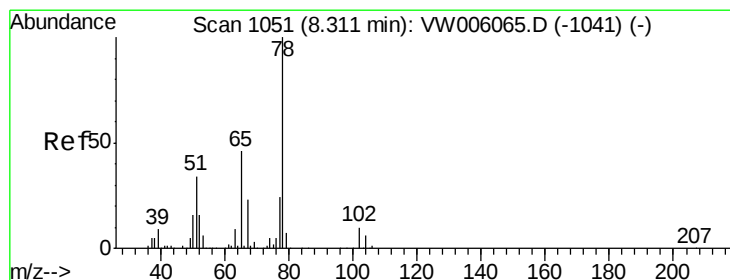
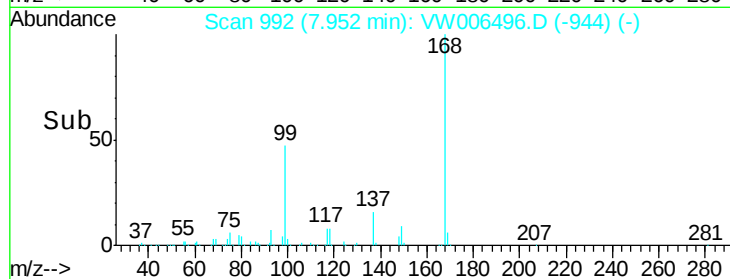
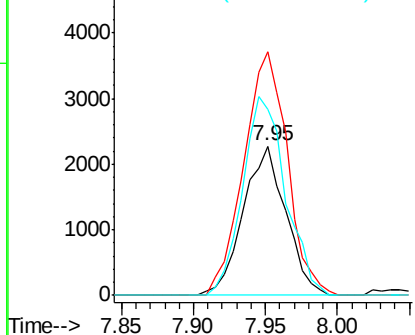
#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006496.D
Acq: 30 Oct 2018 12:51

Instrument :
MSVOA_W
ClientSampleId :
DPC-91567-OD-01

Tgt Ion: 56 Resp: 4680
Ion Ratio Lower Upper
56 100
69 163.1 29.4 44.0#
84 124.9 74.0 111.0#

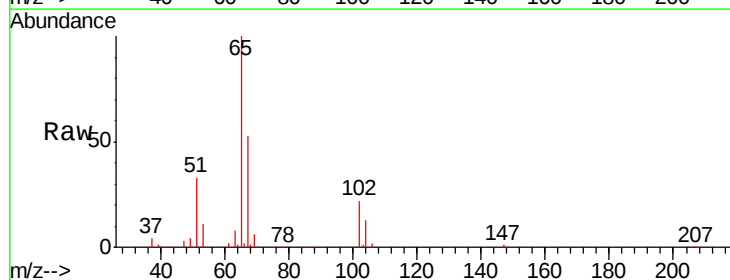


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

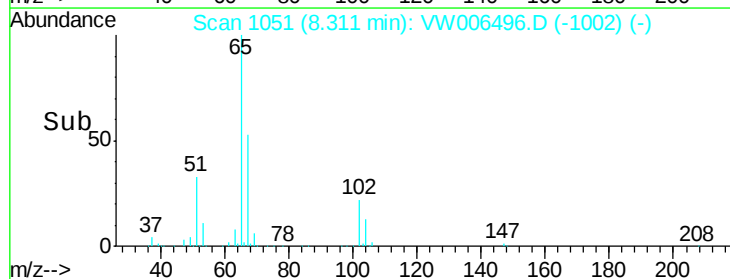
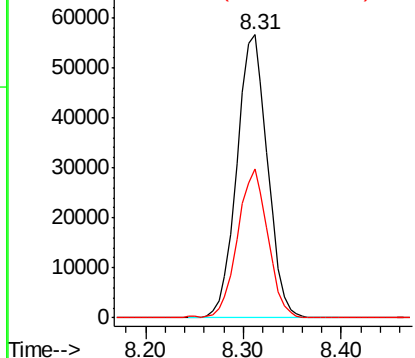


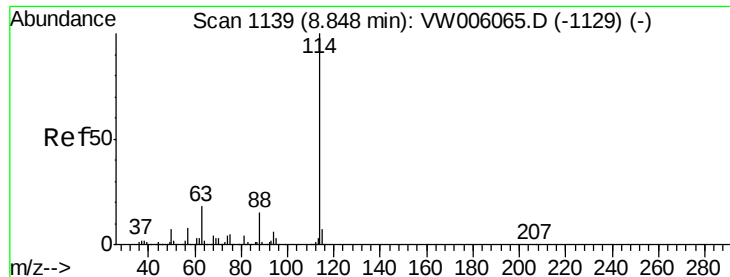
#33
1,2-Dichloroethane-d4
Concen: 55.43 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006496.D
Acq: 30 Oct 2018 12:51

Tgt Ion: 65 Resp: 122756
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.0



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

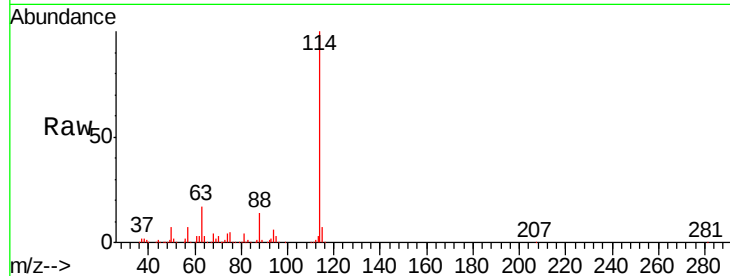




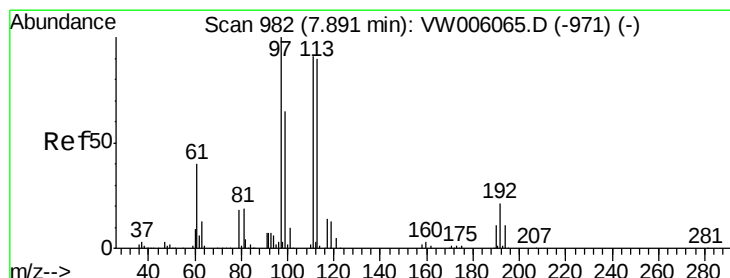
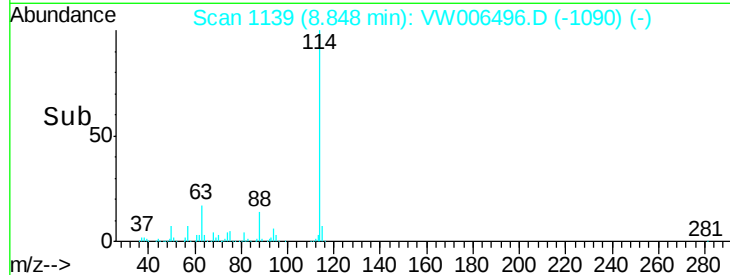
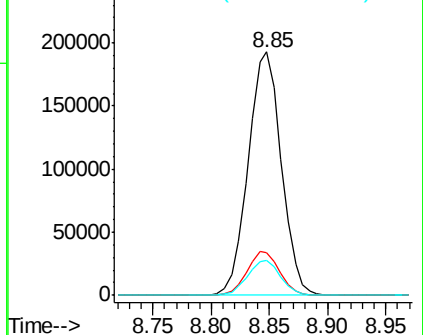
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006496.D
 Acq: 30 Oct 2018 12:51

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 DPC-91567-OD-01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.8
88	14.3	0.0	29.0

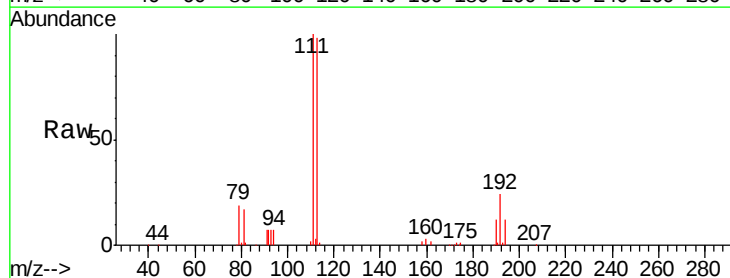


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

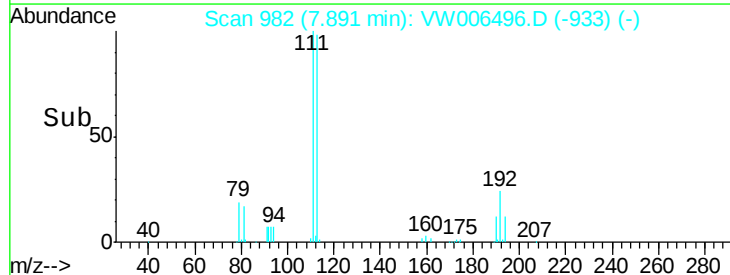
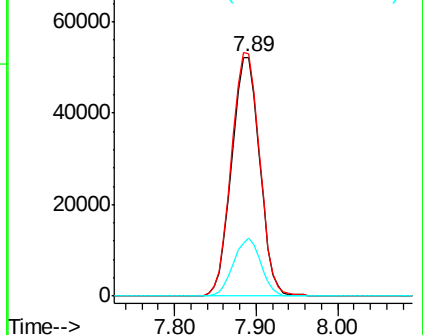


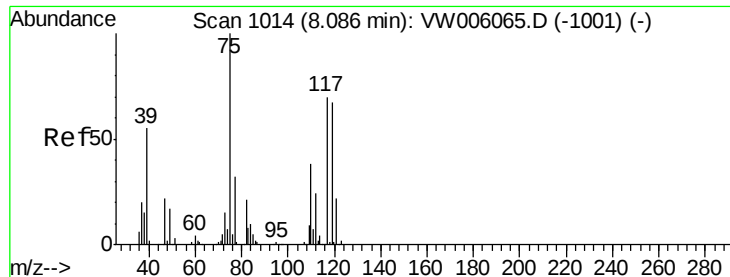
#35
 Dibromofluoromethane
 Concen: 54.96 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006496.D
 Acq: 30 Oct 2018 12:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	23.8	18.7	28.1



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

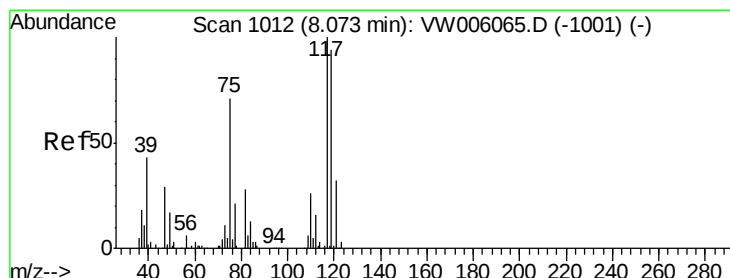
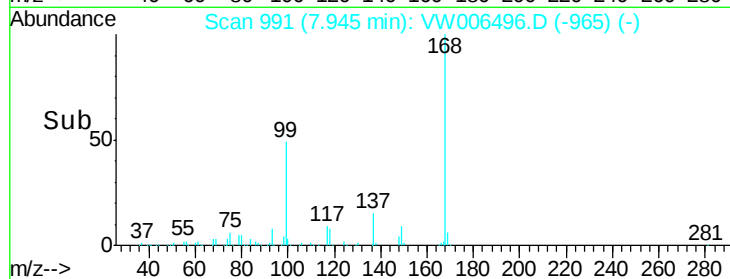
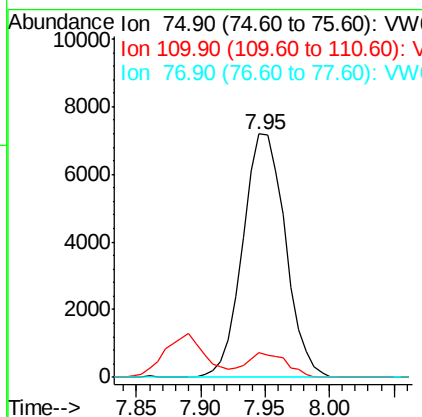
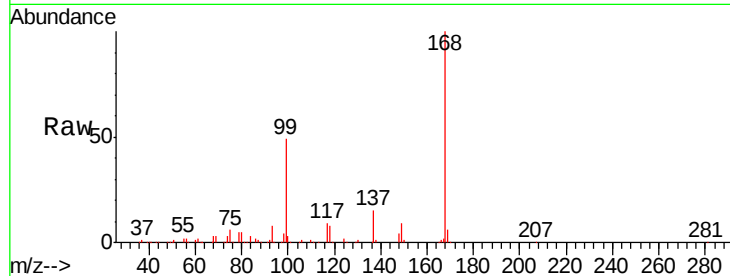




#36
 1,1-Dichloropropene
 Concen: 4.69 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006496.D
 Acq: 30 Oct 2018 12:51

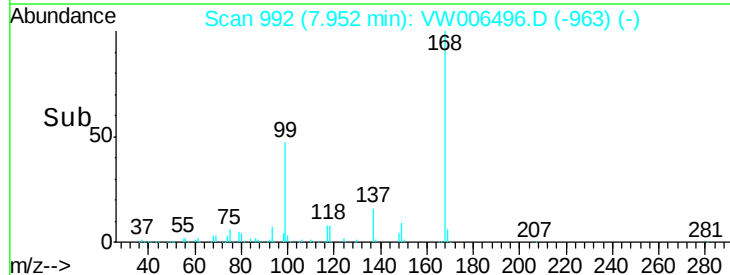
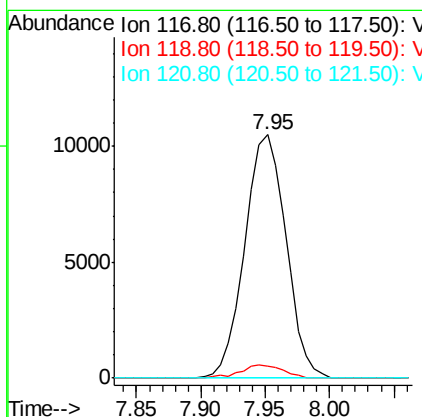
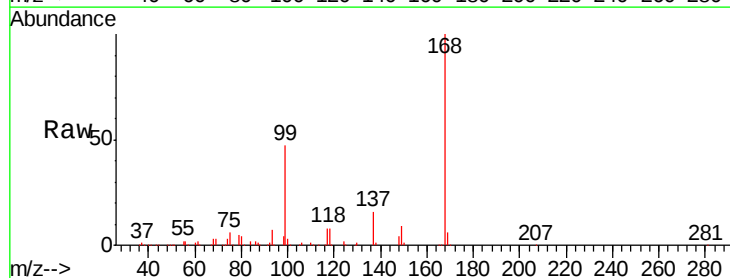
Instrument :
 MSVOA_W
 ClientSampleId :
 DPC-91567-OD-01

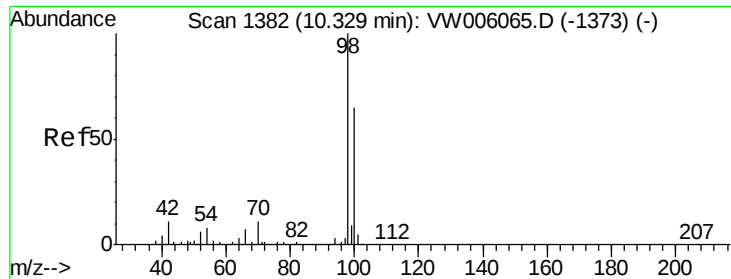
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.04 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006496.D
 Acq: 30 Oct 2018 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 55.05 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006496.D

Acq: 30 Oct 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

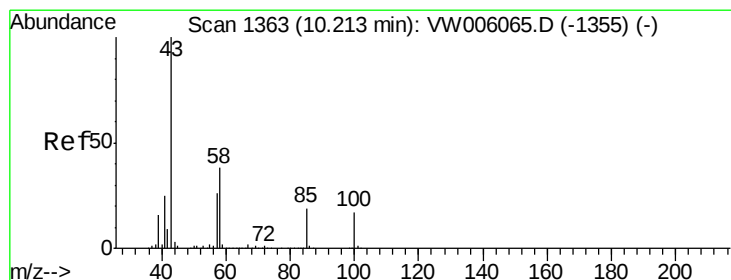
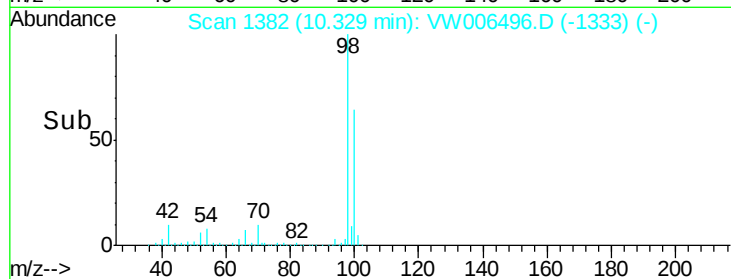
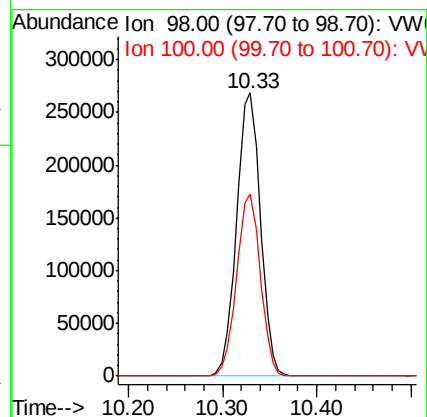
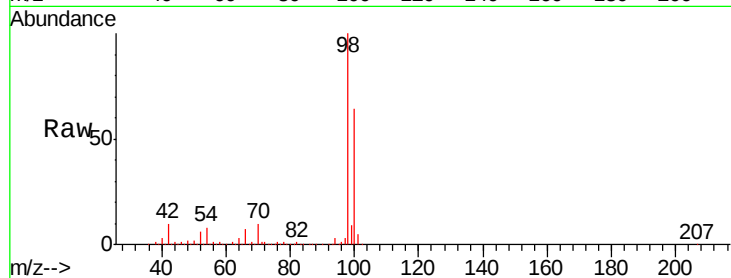
DPC-91567-OD-01

Tgt Ion: 98 Resp: 471832

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.28 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006496.D

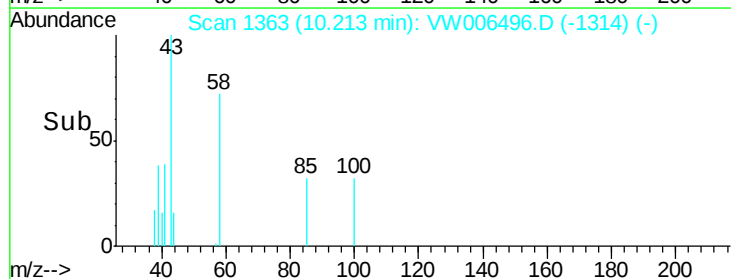
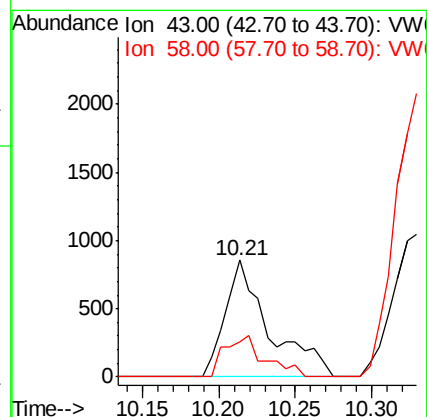
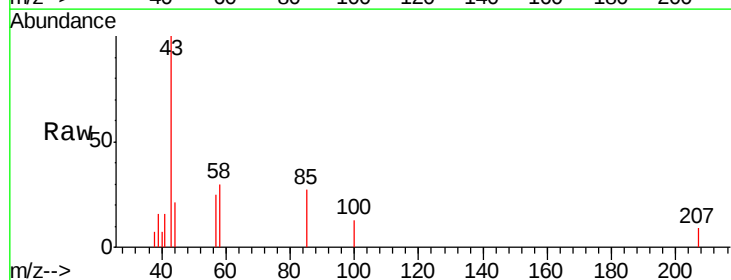
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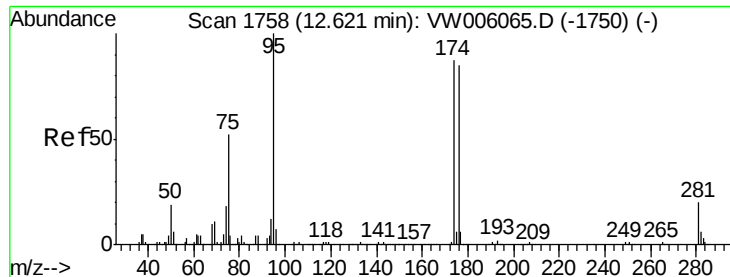
Tgt Ion: 43 Resp: 1717

Ion Ratio Lower Upper

43 100

58 31.8 31.5 47.3

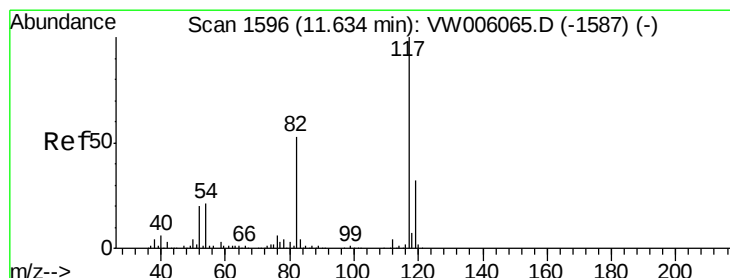
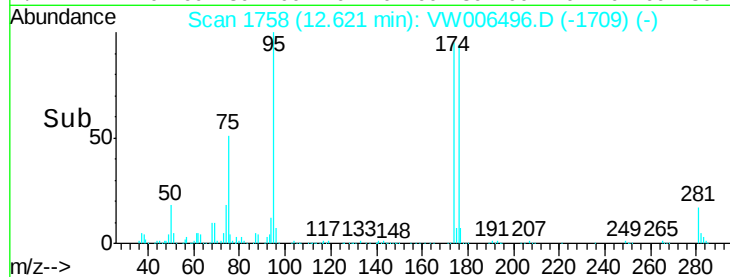
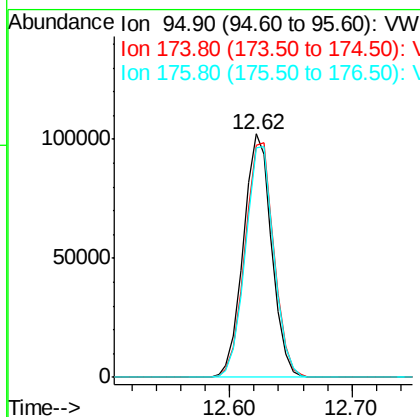
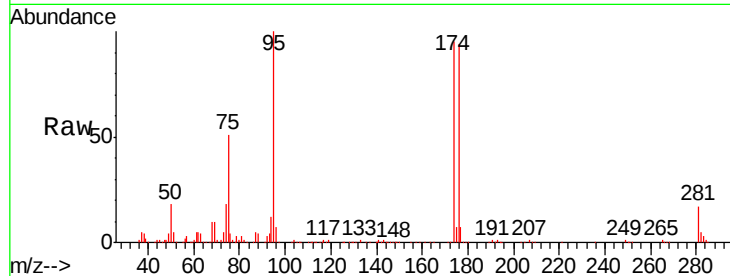




#62
4-Bromofluorobenzene
Concen: 50.86 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006496.D
Acq: 30 Oct 2018 12:51

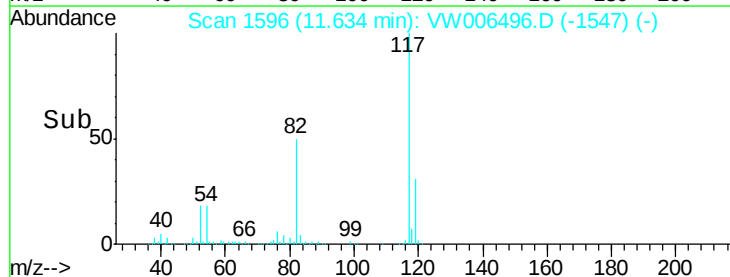
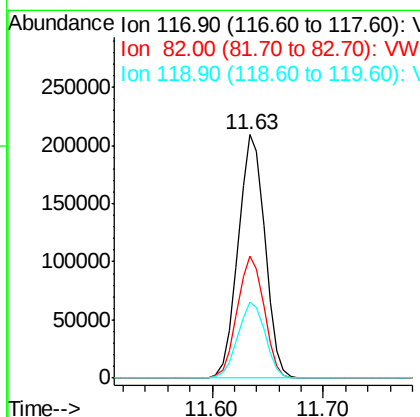
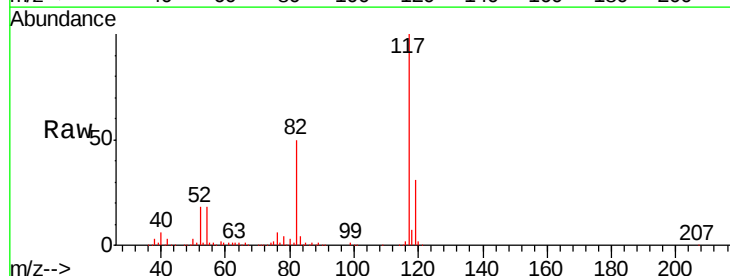
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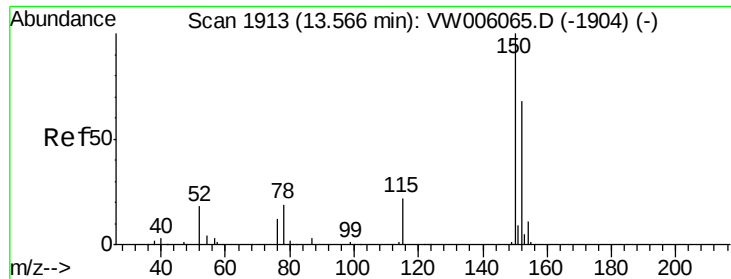
Tgt Ion: 95 Resp: 163728
Ion Ratio Lower Upper
95 100
174 98.7 0.0 186.0
176 96.1 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006496.D
Acq: 30 Oct 2018 12:51

Tgt Ion: 117 Resp: 348764
Ion Ratio Lower Upper
117 100
82 50.1 42.1 63.1
119 31.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006496.D

Acq: 30 Oct 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

DPC-91567-OD-01

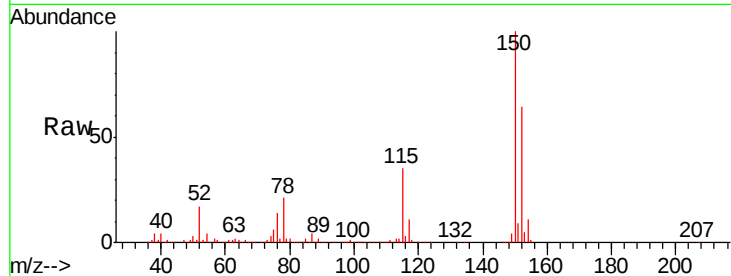
Tgt Ion:152 Resp: 186047

Ion Ratio Lower Upper

152 100

115 53.7 27.8 83.3

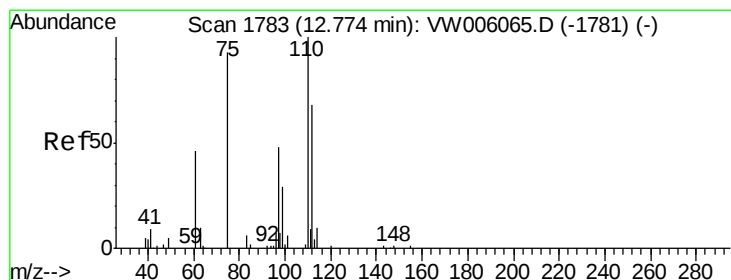
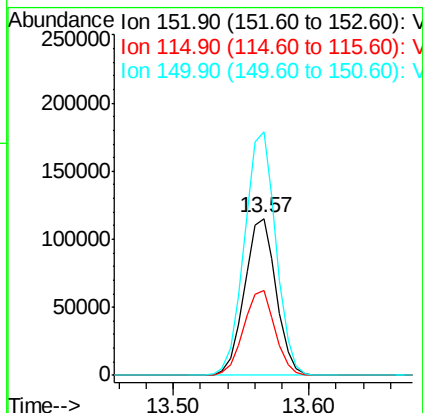
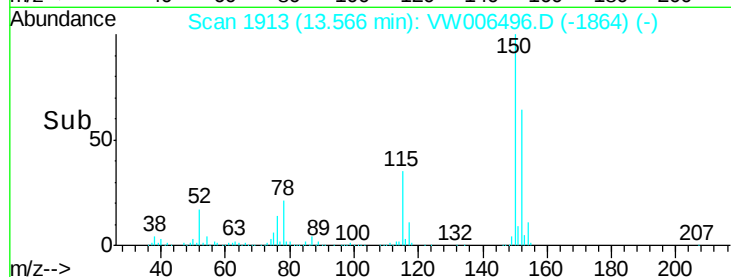
150 155.2 0.0 349.2



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: 57.89 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006496.D

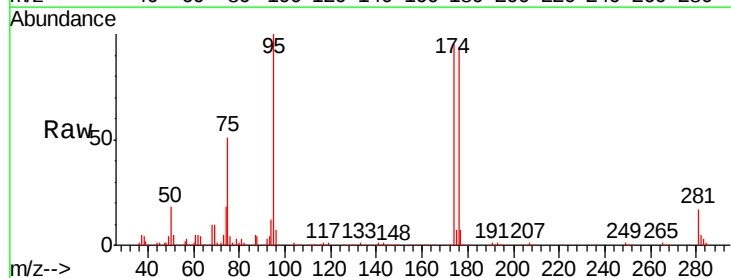
Acq: 30 Oct 2018 12:51

Tgt Ion: 75 Resp: 82266

Ion Ratio Lower Upper

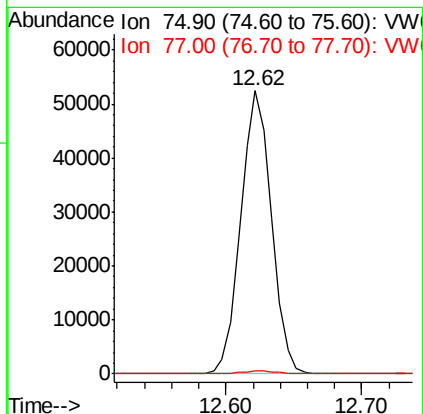
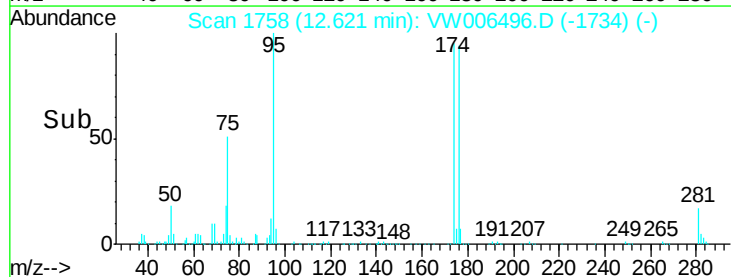
75 100

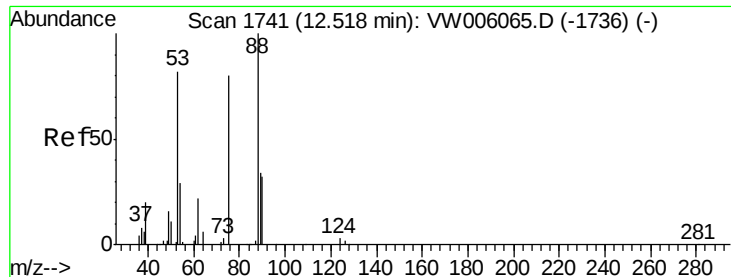
77 1.2 0.0 0.0#



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: 138.38 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006496.D

Acq: 30 Oct 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

DPC-91567-OD-01

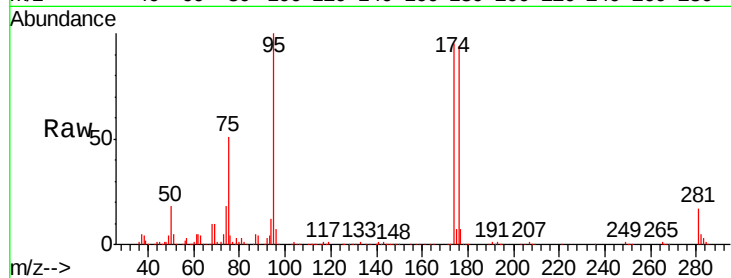
Tgt Ion: 75 Resp: 82266

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#



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

