

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006556.D
 Acq On : 01 Nov 2018 13:57
 Operator : SY/AP
 Sample : J5649-06RE
 Misc : 5.24G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03A

Quant Time: Nov 01 15:25:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	377934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130662	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	86769	38.00	ug/l	0.00
Spiked Amount			Recovery	=	76.00%	
35) Dibromofluoromethane	7.89	113	90256	38.05	ug/l	0.00
Spiked Amount			Recovery	=	76.10%	
50) Toluene-d8	10.33	98	321232	35.58	ug/l	0.00
Spiked Amount			Recovery	=	71.16%	
62) 4-Bromofluorobenzene	12.62	95	94926	29.00	ug/l	0.00
Spiked Amount			Recovery	=	58.00%	

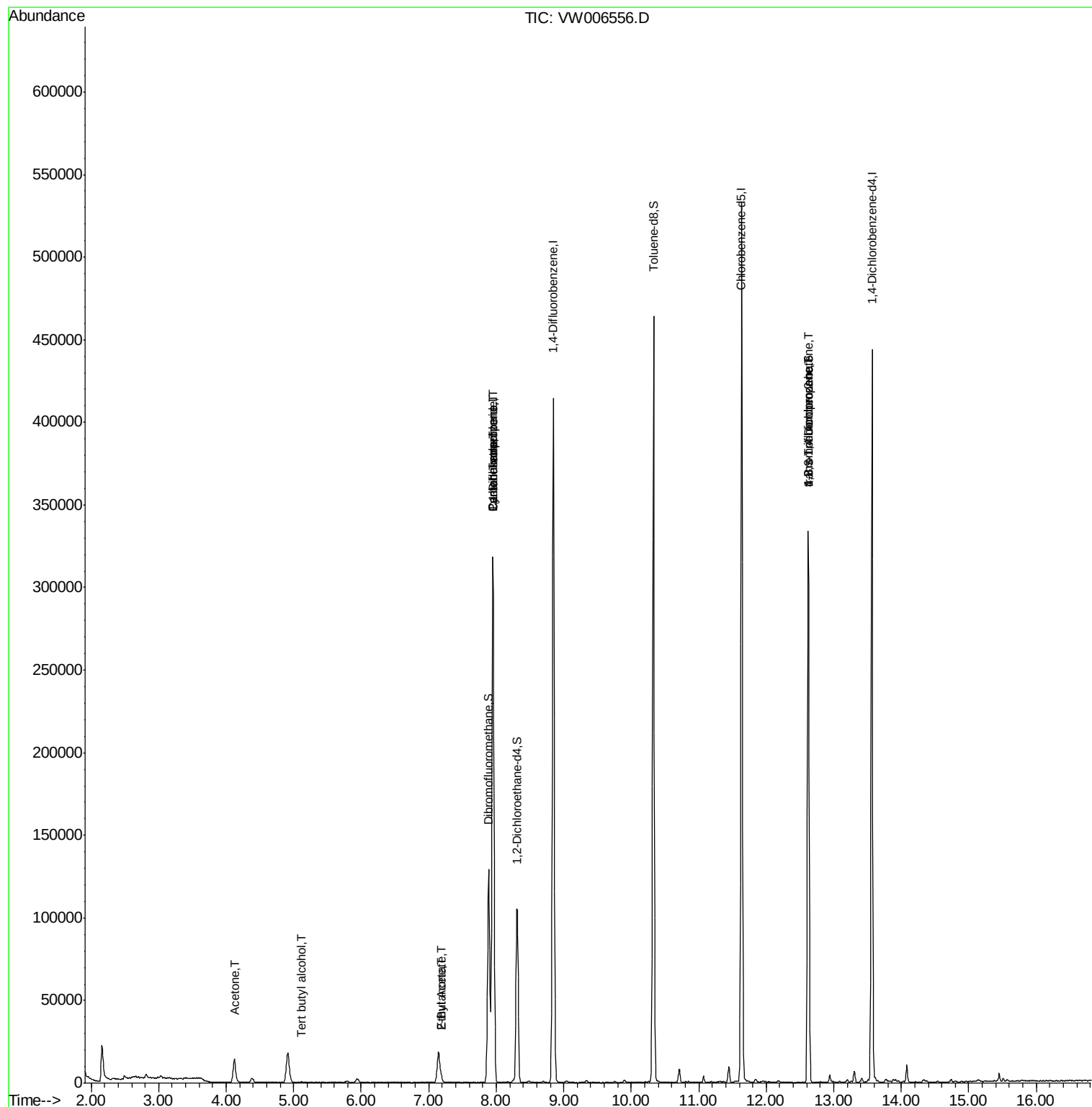
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	477	3.88	ug/l #	84
16) Acetone	4.12	43	23945	64.96	ug/l	97
25) 2-Butanone	7.19	43	5254	9.99	ug/l #	86
31) Cyclohexane	7.95	56	4613	1.27	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16744	5.04	ug/l #	47
37) Ethyl Acetate	7.19	43	5254	4.56	ug/l #	66
38) Carbon Tetrachloride	7.95	117	23349	6.72	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	46677	45.79	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	46677	114.92	ug/l #	11

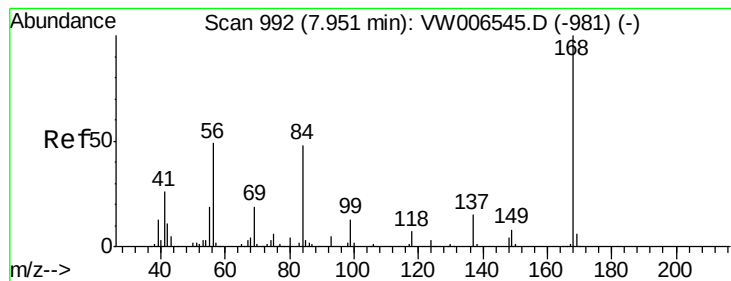
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006556.D

Acq: 01 Nov 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

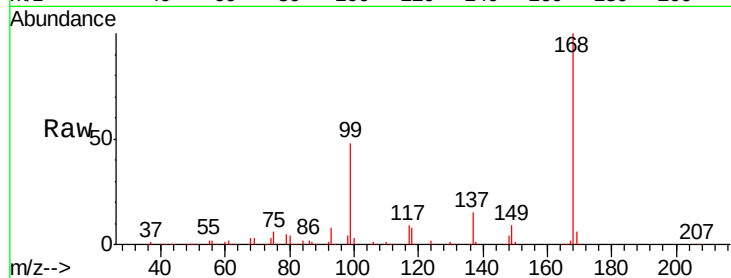
DL-03A

Tgt Ion: 168 Resp: 265616

Ion Ratio Lower Upper

168 100

99 48.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

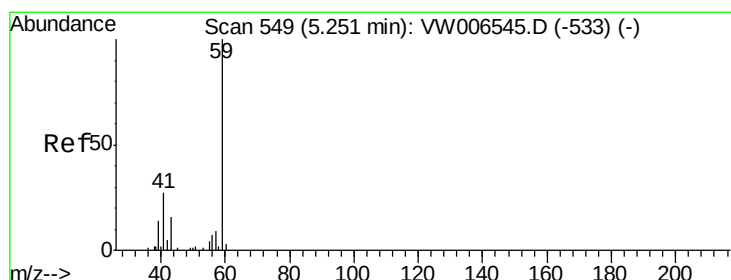
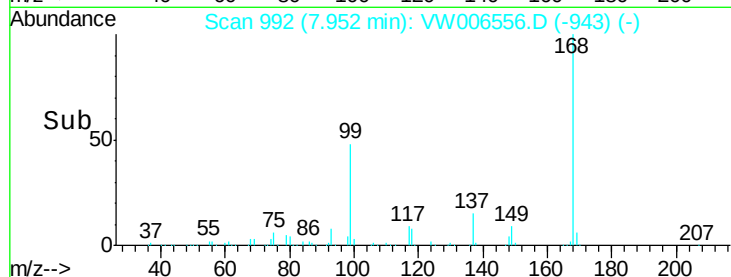
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.88 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.13 min

Lab File: VW006556.D

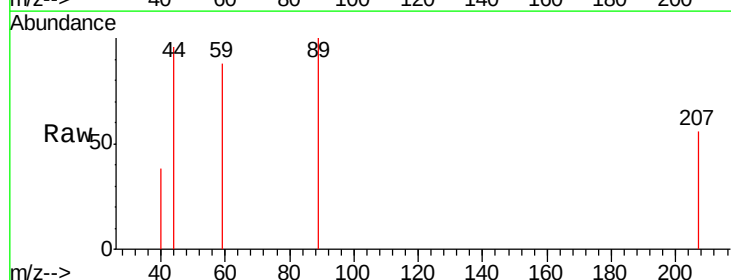
Acq: 01 Nov 2018 13:57

Tgt Ion: 59 Resp: 477

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

200

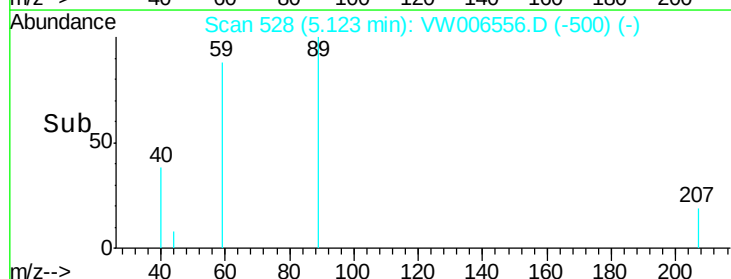
150

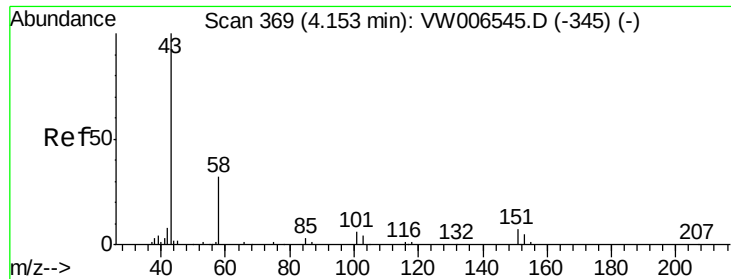
100

50

0

Time-->





#16

Acetone

Concen: 64.96 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006556.D

Acq: 01 Nov 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

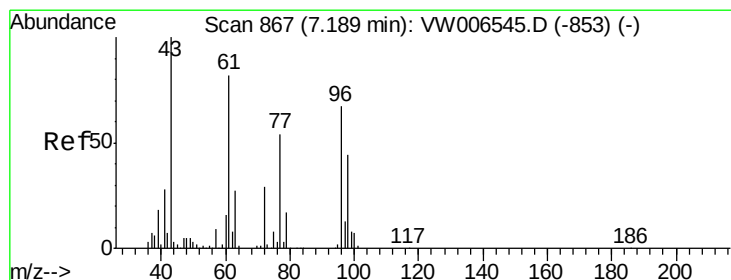
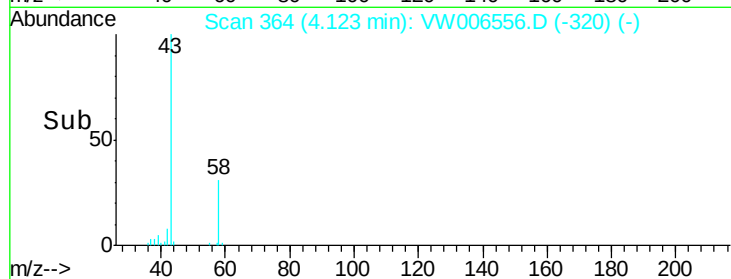
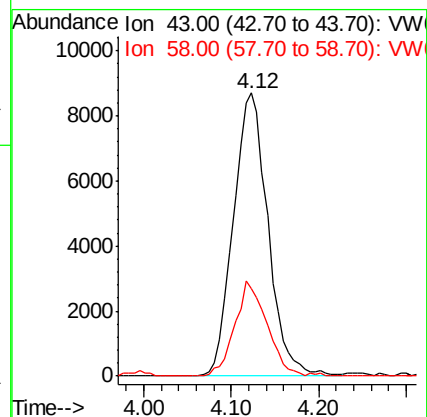
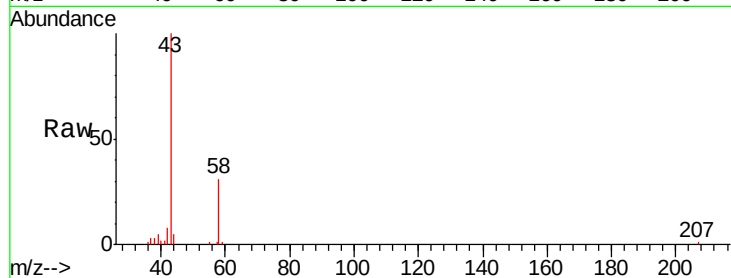
DL-03A

Tgt Ion: 43 Resp: 23945

Ion Ratio Lower Upper

43 100

58 30.8 25.8 38.8



#25

2-Butanone

Concen: 9.99 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: VW006556.D

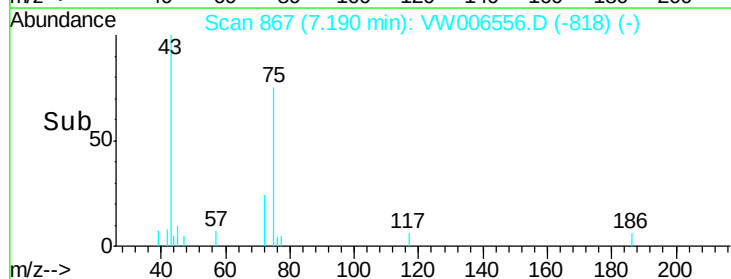
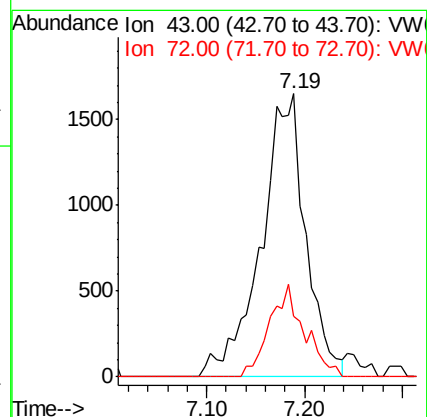
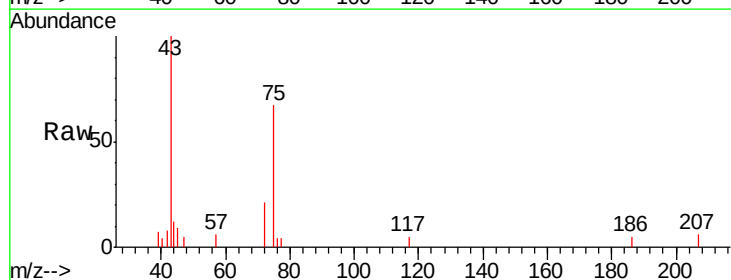
Acq: 01 Nov 2018 13:57

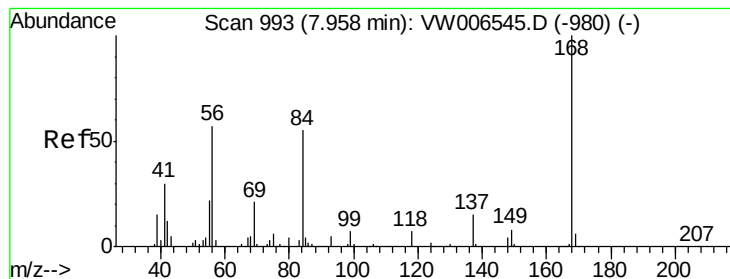
Tgt Ion: 43 Resp: 5254

Ion Ratio Lower Upper

43 100

72 21.4 23.2 34.8#





#31

Cyclohexane

Concen: 1.27 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006556.D

Acq: 01 Nov 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

DL-03A

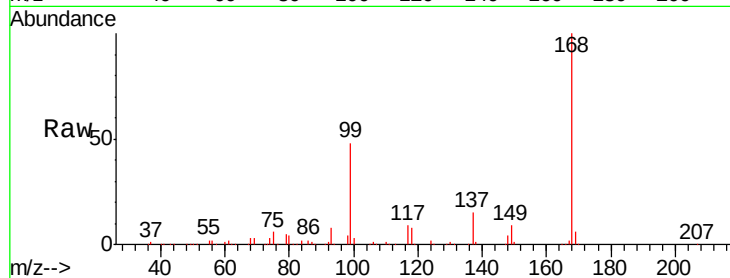
Tgt Ion: 56 Resp: 4613

Ion Ratio Lower Upper

56 100

69 182.4 29.0 43.4#

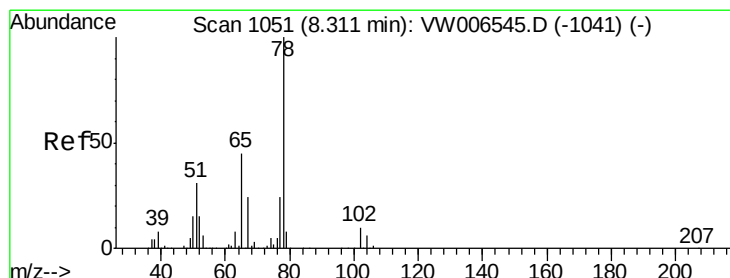
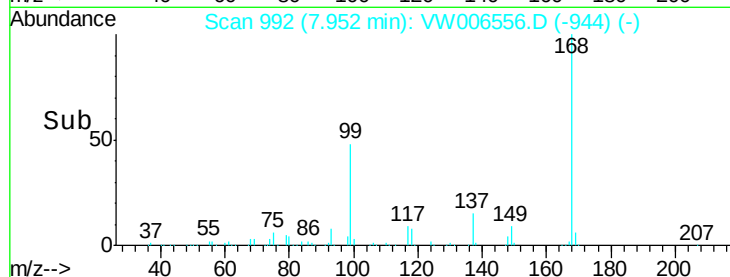
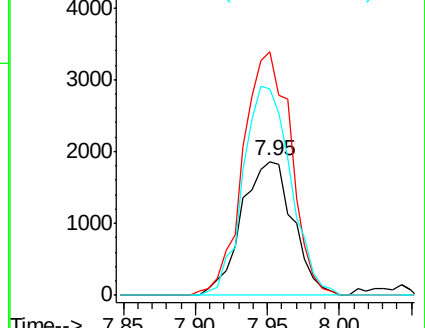
84 154.6 77.8 116.6#



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: 38.00 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006556.D

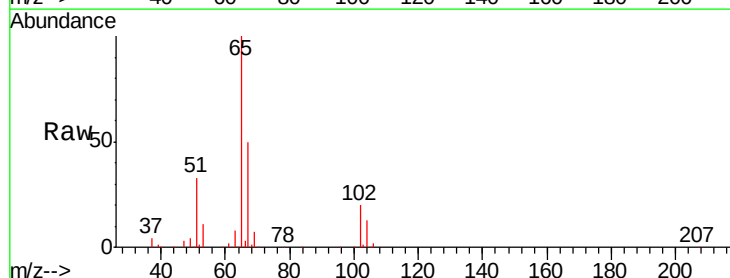
Acq: 01 Nov 2018 13:57

Tgt Ion: 65 Resp: 86769

Ion Ratio Lower Upper

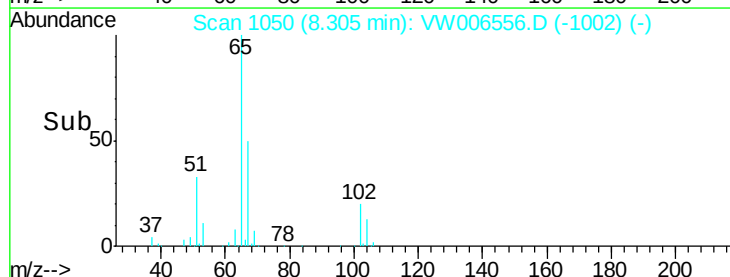
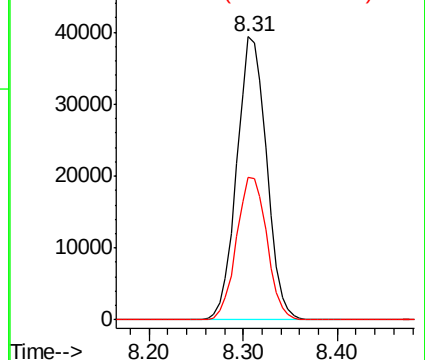
65 100

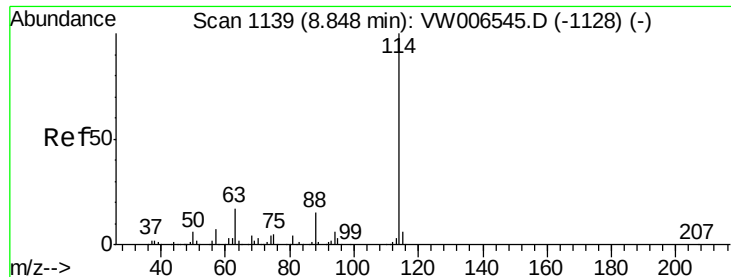
67 51.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

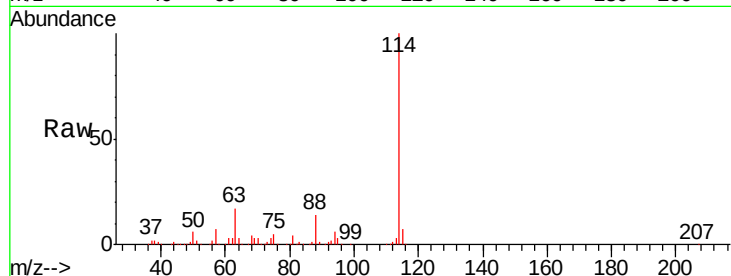




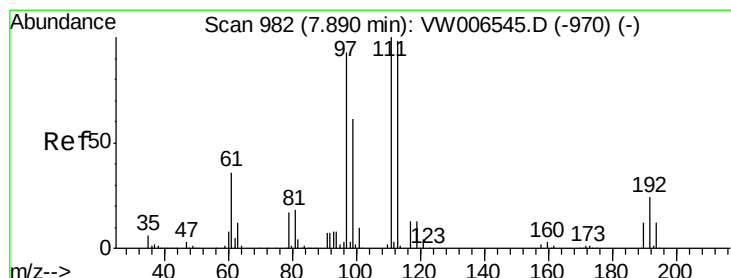
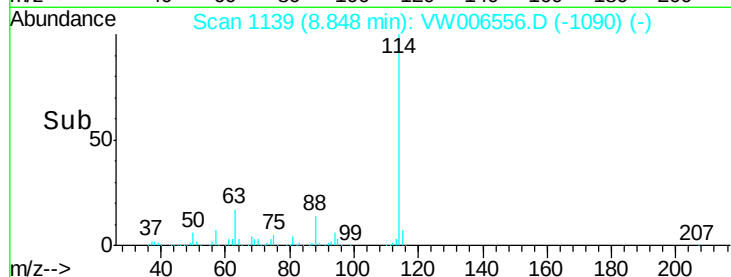
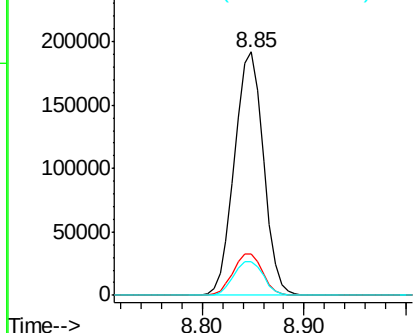
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006556.D
 Acq: 01 Nov 2018 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03A

Tgt Ion:114 Resp: 377934
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.4
 88 14.0 0.0 29.0

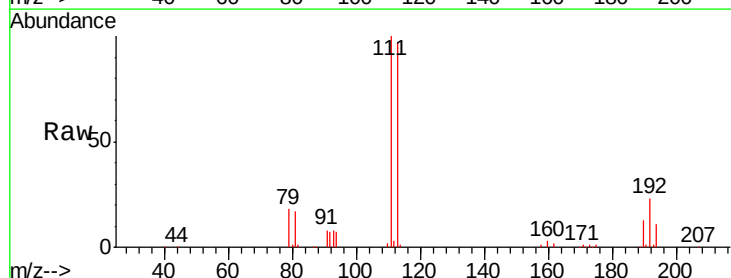


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

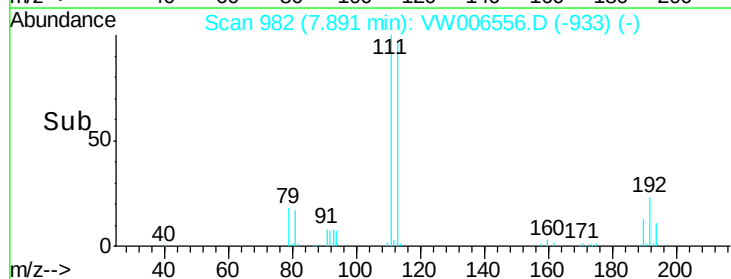
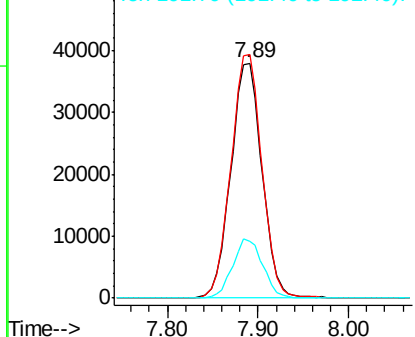


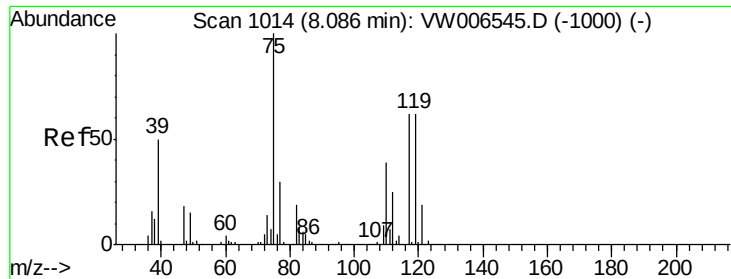
#35
 Dibromofluoromethane
 Concen: 38.05 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006556.D
 Acq: 01 Nov 2018 13:57

Tgt Ion:113 Resp: 90256
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.2
 192 24.4 19.0 28.6



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

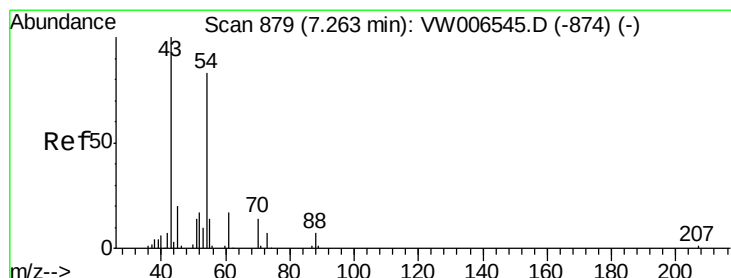
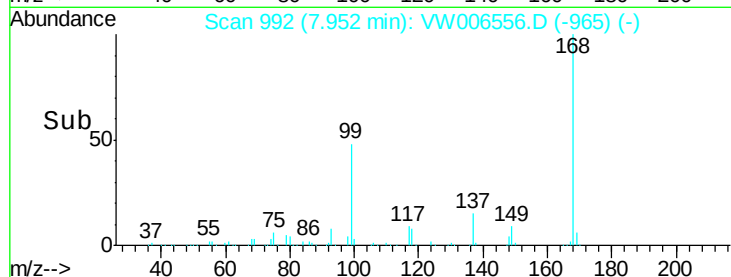
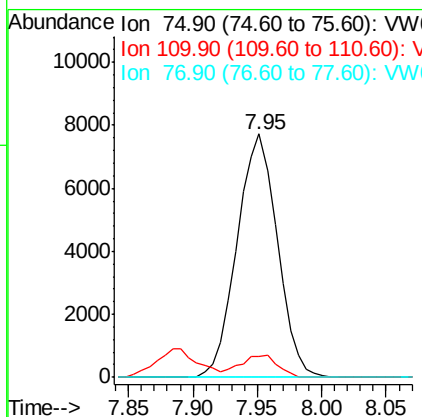
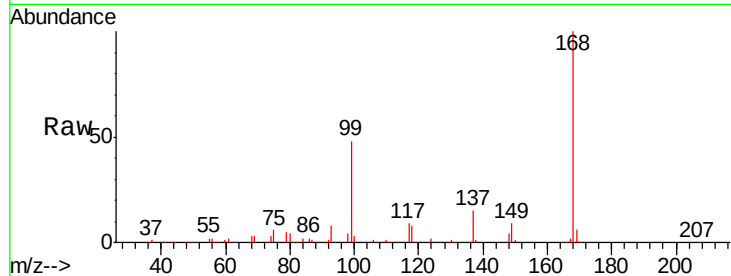




#36
 1,1-Dichloropropene
 Concen: 5.04 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006556.D
 Acq: 01 Nov 2018 13:57

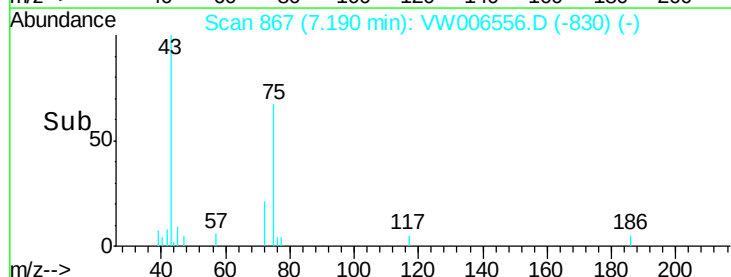
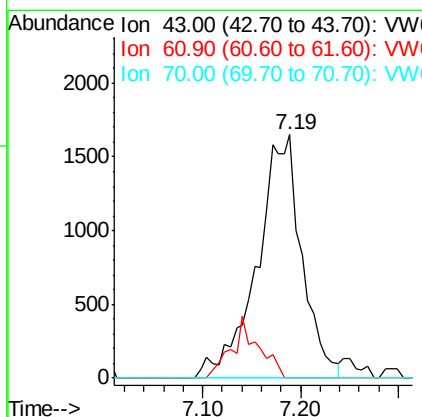
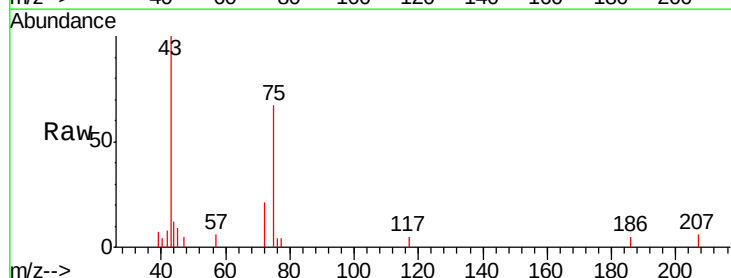
Instrument :
 MSVOA_W
 ClientSampled :
 DL-03A

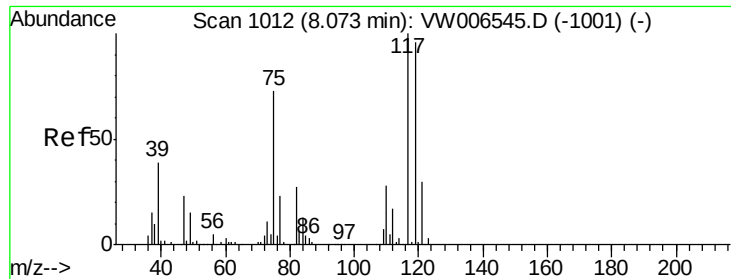
Tgt Ion: 75 Resp: 16744
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.5 58.5#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 4.56 ug/l
 RT: 7.19 min Scan# 867
 Delta R.T. -0.07 min
 Lab File: VW006556.D
 Acq: 01 Nov 2018 13:57

Tgt Ion: 43 Resp: 5254
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 9.8 14.6#

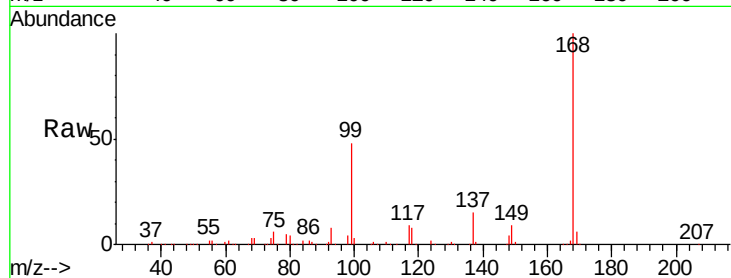




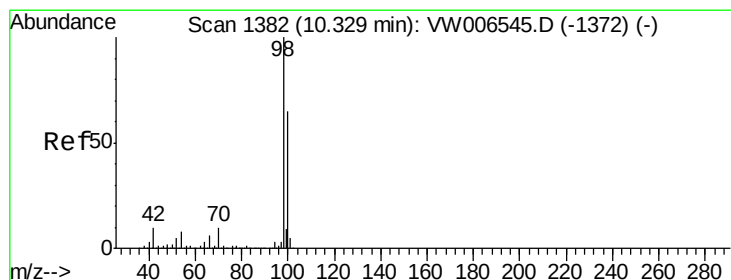
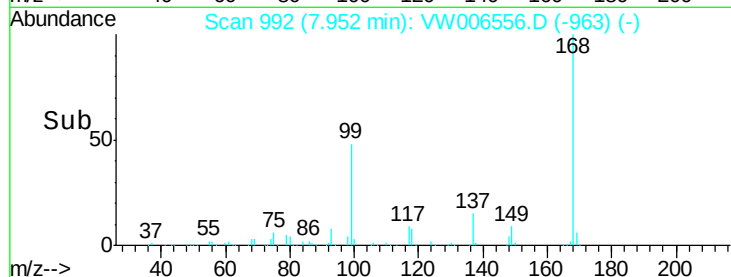
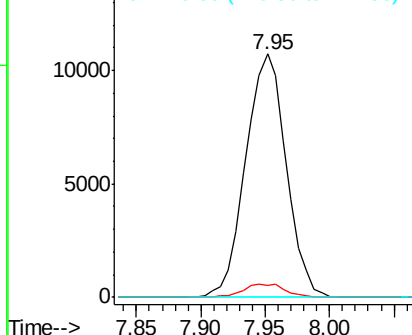
#38
Carbon Tetrachloride
Concen: 6.72 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006556.D
Acq: 01 Nov 2018 13:57

Instrument :
MSVOA_W
ClientSampled :
DL-03A

Tgt Ion: 117 Resp: 23349
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 24.1 36.1#

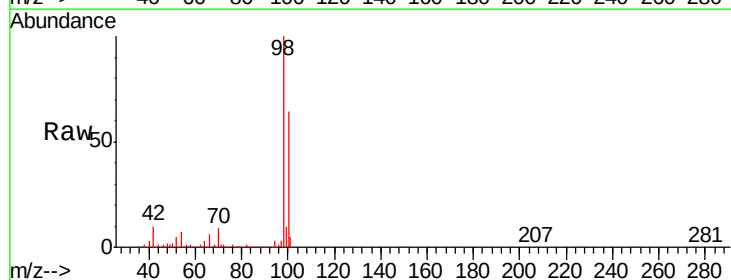


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

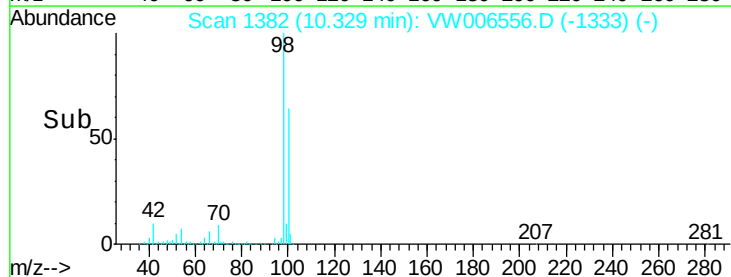
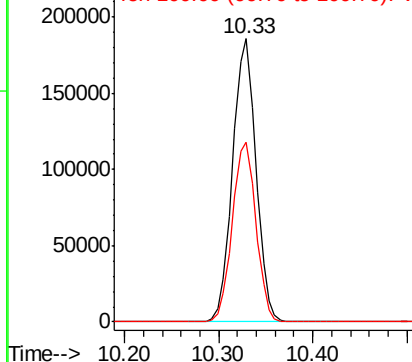


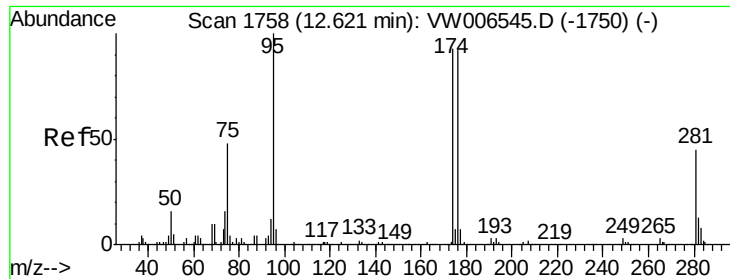
#50
Toluene-d8
Concen: 35.58 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006556.D
Acq: 01 Nov 2018 13:57

Tgt Ion: 98 Resp: 321232
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

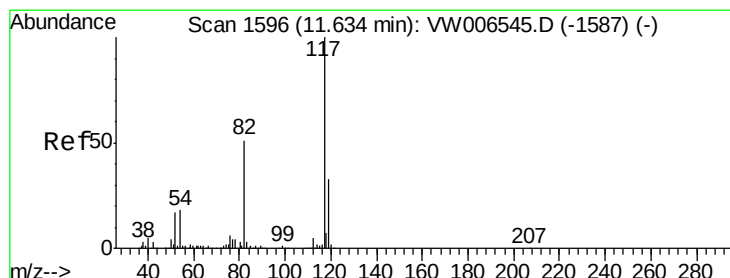
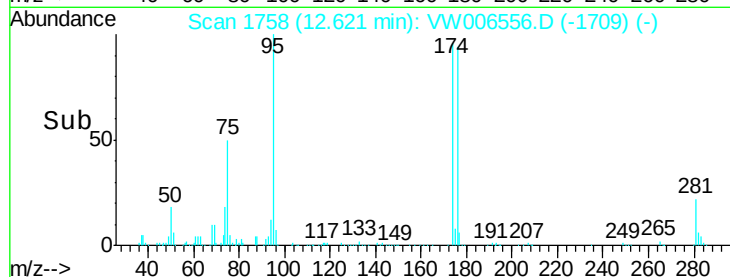
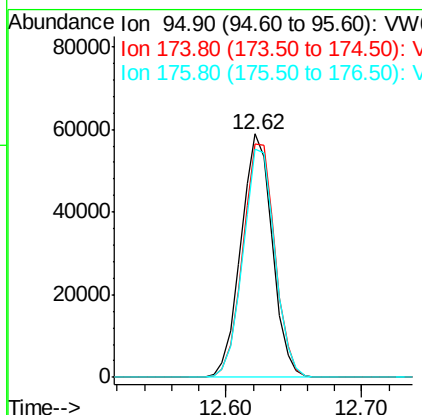
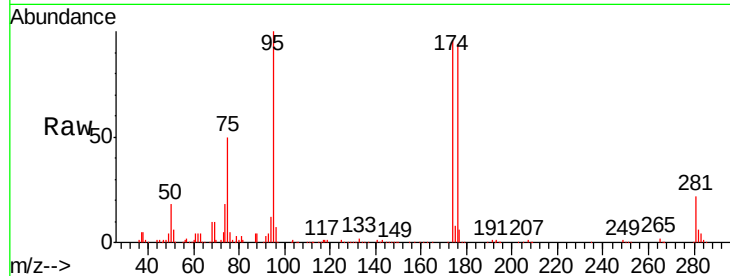




#62
4-Bromofluorobenzene
Concen: 29.00 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006556.D
Acq: 01 Nov 2018 13:57

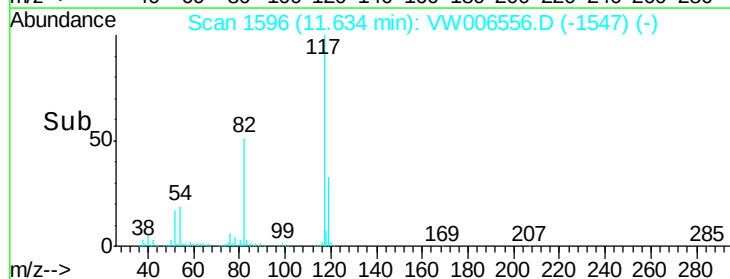
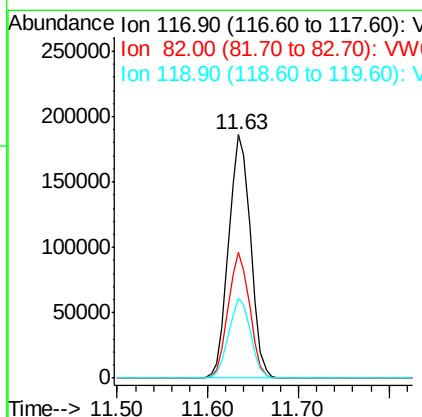
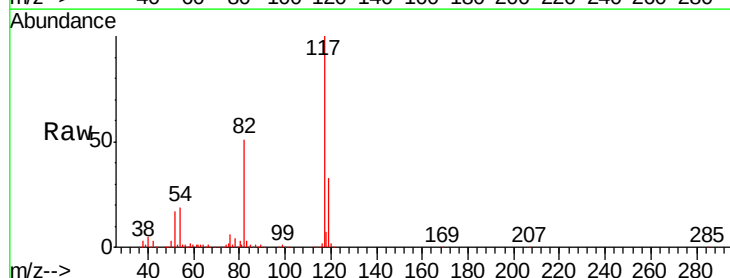
Instrument :
MSVOA_W
ClientSampleId :
DL-03A

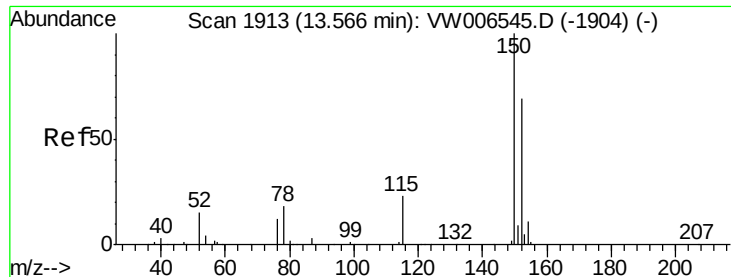
Tgt Ion: 95 Resp: 94926
Ion Ratio Lower Upper
95 100
174 98.3 0.0 192.4
176 95.4 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006556.D
Acq: 01 Nov 2018 13:57

Tgt Ion: 117 Resp: 311344
Ion Ratio Lower Upper
117 100
82 51.5 40.8 61.2
119 32.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006556.D

Acq: 01 Nov 2018 13:57

Instrument :

MSVOA_W

ClientSampled :

DL-03A

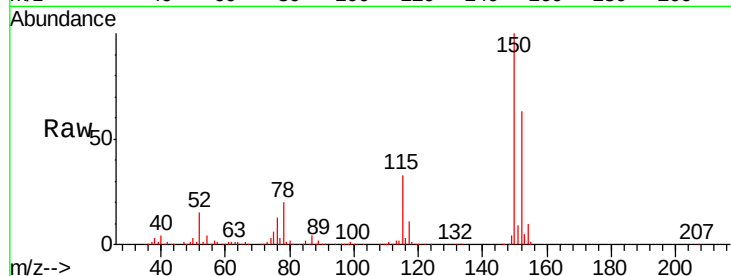
Tgt Ion:152 Resp: 130662

Ion Ratio Lower Upper

152 100

115 53.3 26.6 79.8

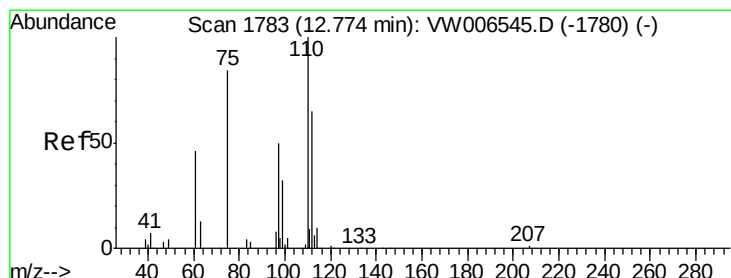
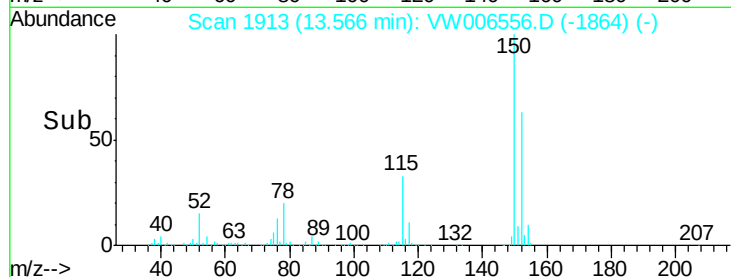
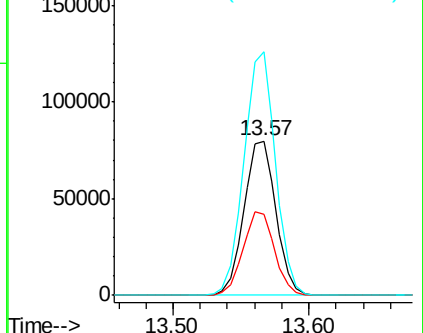
150 156.2 0.0 344.6



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: 45.79 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006556.D

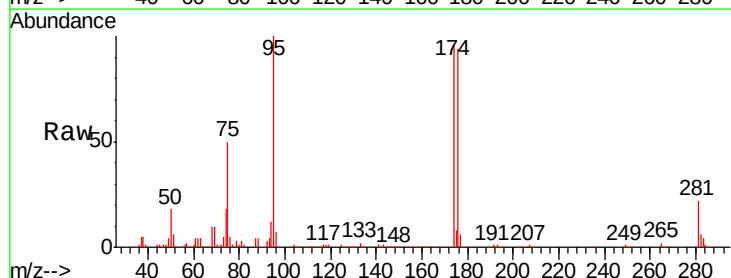
Acq: 01 Nov 2018 13:57

Tgt Ion: 75 Resp: 46677

Ion Ratio Lower Upper

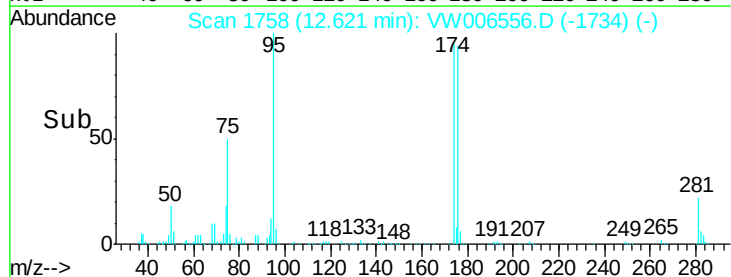
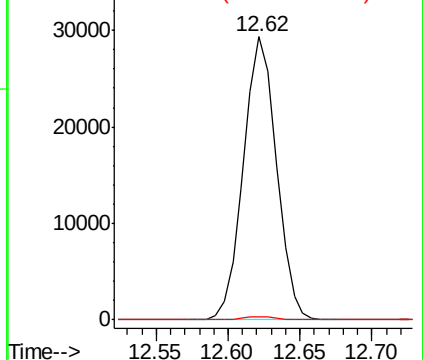
75 100

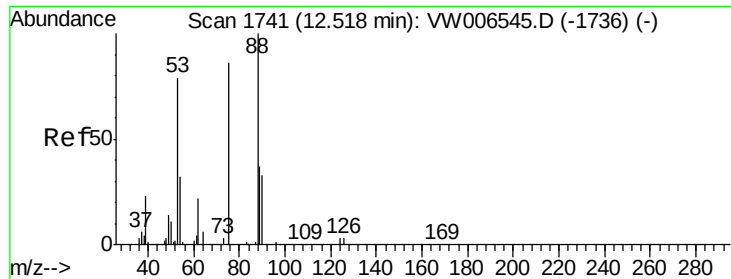
77 1.2 0.0 0.0#



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: 114.92 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006556.D

Acq: 01 Nov 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

DL-03A

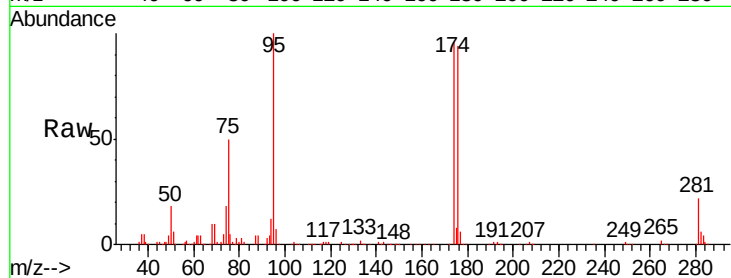
Tgt Ion: 75 Resp: 46677

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

