

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015728.D
 Acq On : 25 Jun 2020 14:57
 Operator : SY/VA
 Sample : L3111-06RE
 Misc : 8.07G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6-D2RE

Quant Time: Jun 26 01:42:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	176599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68715	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	65371	53.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.96%	
35) Dibromofluoromethane	7.88	113	54288	48.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.74%	
50) Toluene-d8	10.33	98	214838	49.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.62	95	70454	43.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.52%	

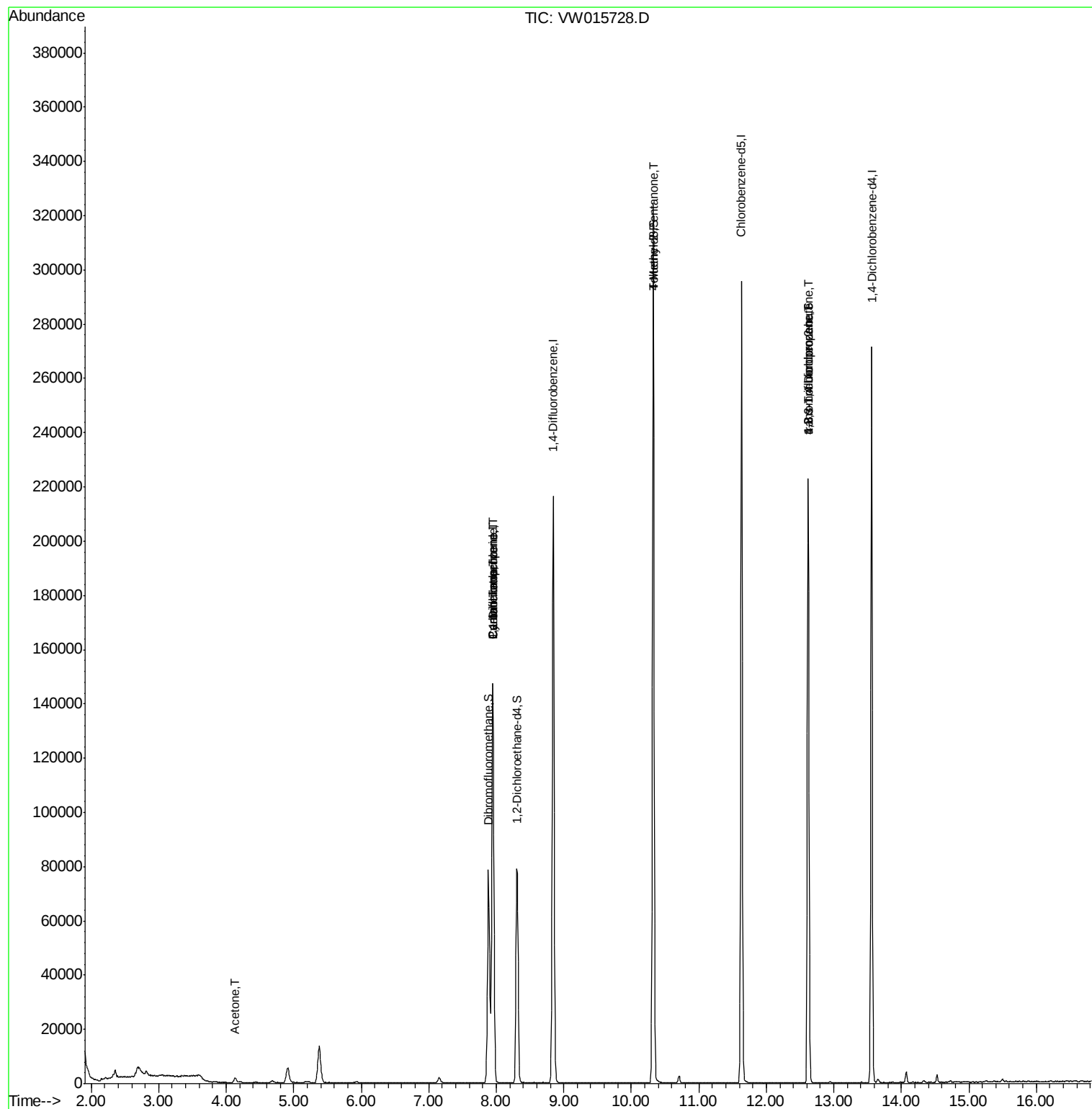
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	606	Below Cal	#	72
16) Acetone	4.14	43	1561	6.780	ug/l	98
18) Methyl Acetate	4.69	43	1049	Below Cal	#	84
20) Methylene Chloride	4.91	84	4131	Below Cal		95
31) Cyclohexane	7.95	56	2707	1.298	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	9239	5.030	ug/l #	51
38) Carbon Tetrachloride	7.95	117	10881	6.111	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1065	1.578	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	38097	60.782	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	38097	153.172	ug/l #	8

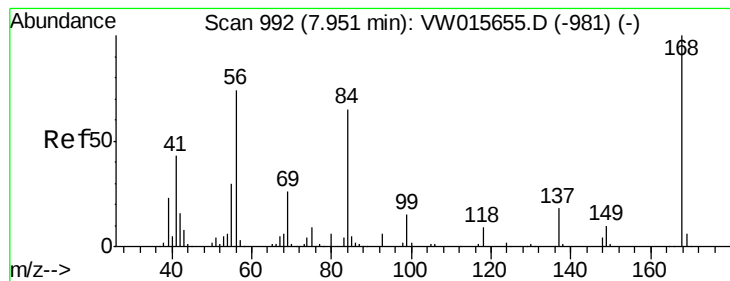
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062520\
Data File : VW015728.D
Acq On : 25 Jun 2020 14:57
Operator : SY/VA
Sample : L3111-06RE
Misc : 8.07G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-6-D2RE

Quant Time: Jun 26 01:42:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
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: VW015728.D

Acq: 25 Jun 2020 14:57

Instrument :

MSVOA_W

ClientSampleId :

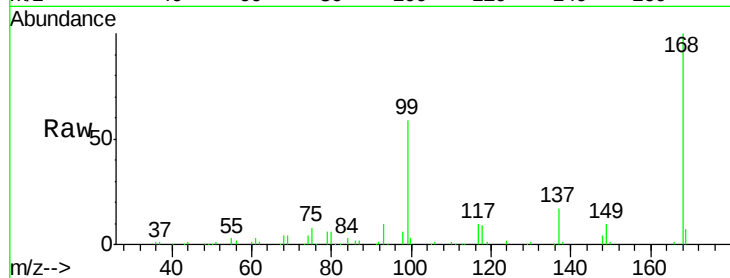
TP-6-D2RE

Tot Ion:168 Resp: 108847

Ion Ratio Lower Upper

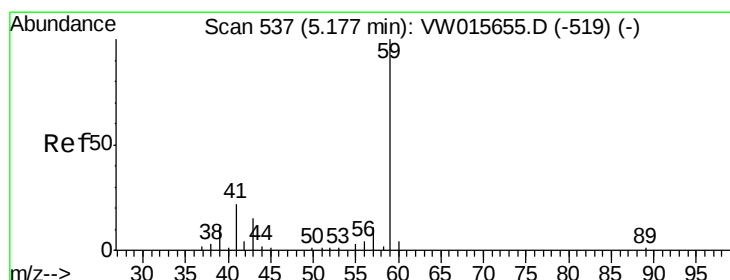
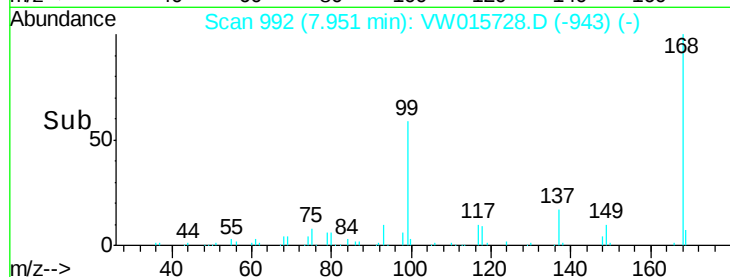
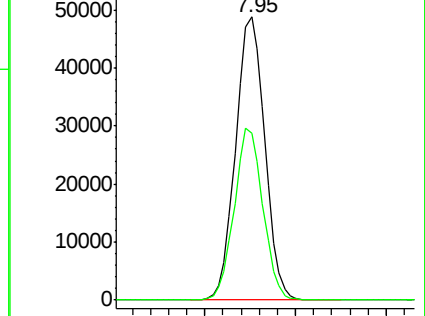
168 100

99 58.8 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 541

Delta R.T. 0.02 min

Lab File: VW015728.D

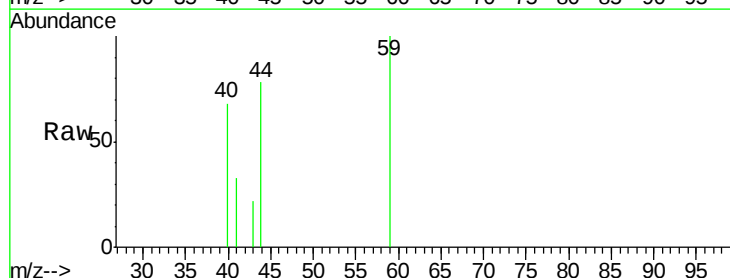
Acq: 25 Jun 2020 14:57

Tgt Ion: 59 Resp: 606

Ion Ratio Lower Upper

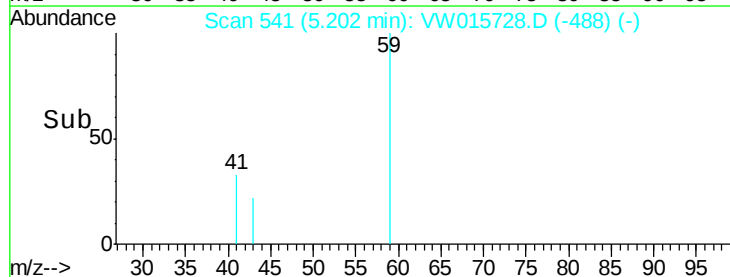
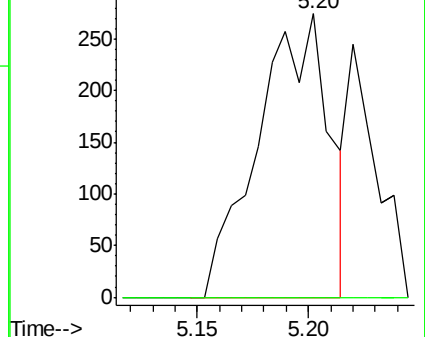
59 100

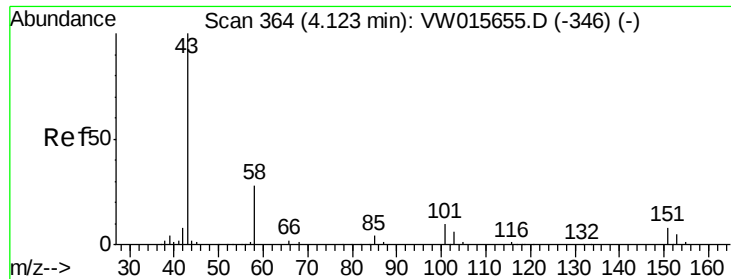
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 6.780 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015728.D

Acq: 25 Jun 2020 14:57

Instrument :

MSVOA_W

ClientSampled :

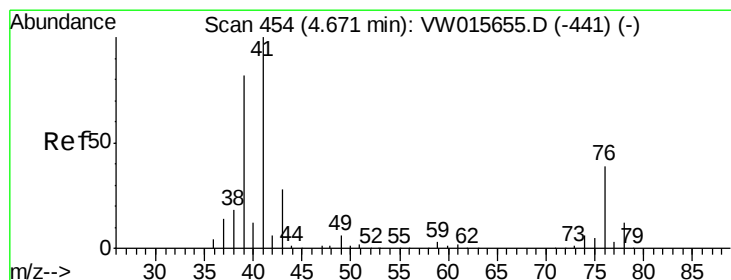
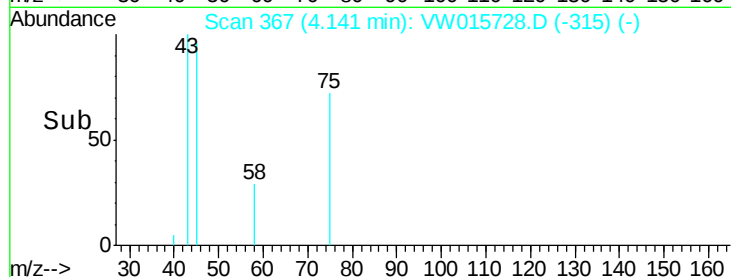
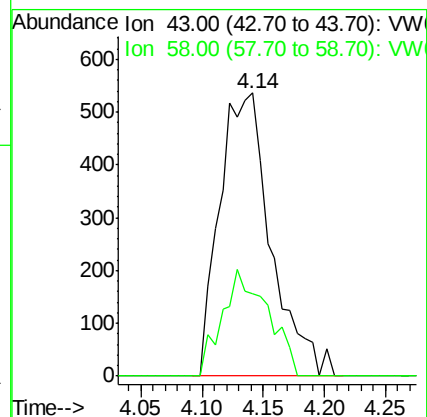
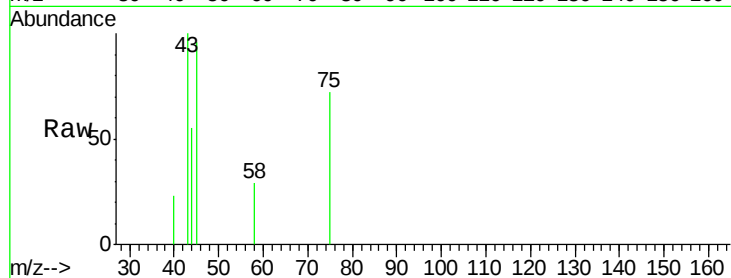
TP-6-D2RE

Tot Ion: 43 Resp: 1561

Ion Ratio Lower Upper

43 100

58 29.1 22.6 33.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.69 min Scan# 457

Delta R.T. 0.02 min

Lab File: VW015728.D

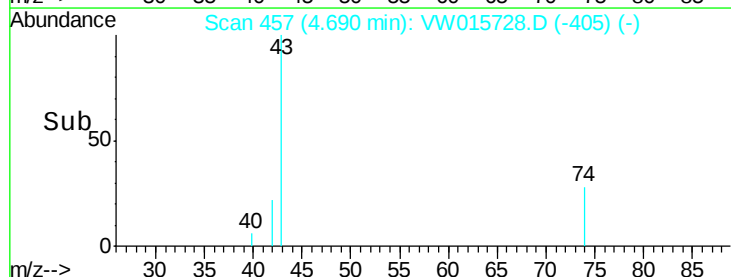
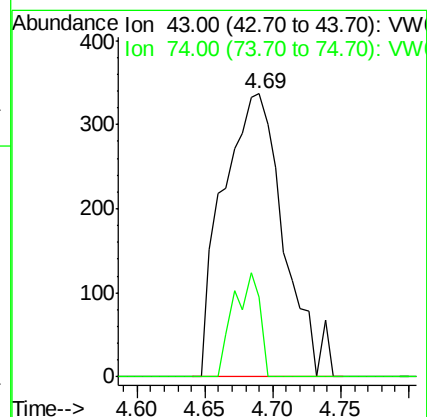
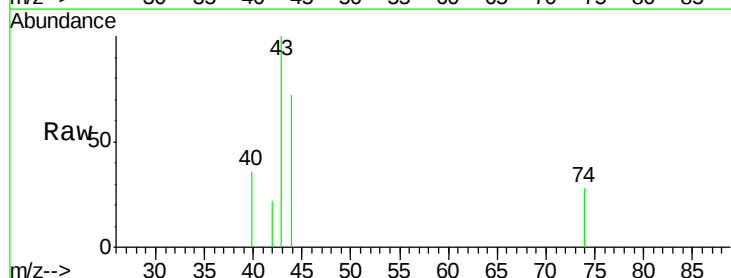
Acq: 25 Jun 2020 14:57

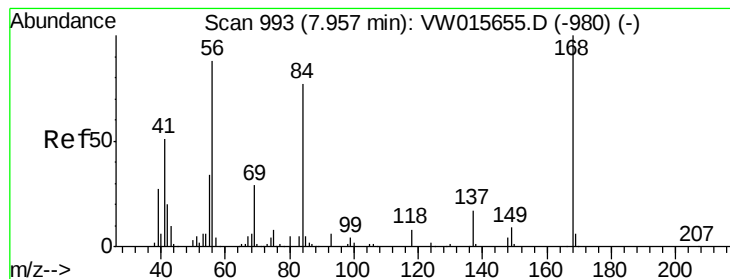
Tgt Ion: 43 Resp: 1049

Ion Ratio Lower Upper

43 100

74 15.8 19.0 28.6#





#31

Cyclohexane

Concen: 1.298 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015728.D

Acq: 25 Jun 2020 14:57

Instrument :

MSVOA_W

ClientSampled :

TP-6-D2RE

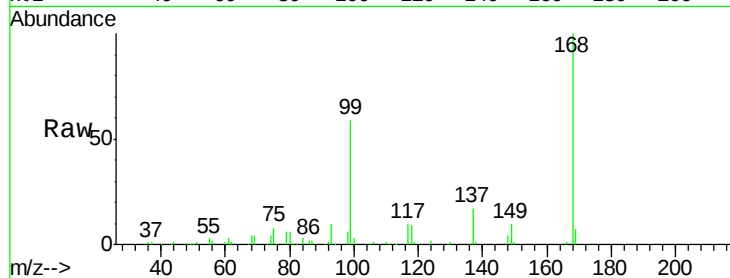
Tot Ion: 56 Resp: 2707

Ion Ratio Lower Upper

56 100

69 160.9 26.2 39.4#

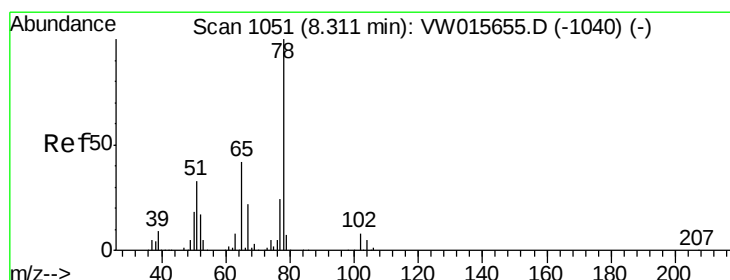
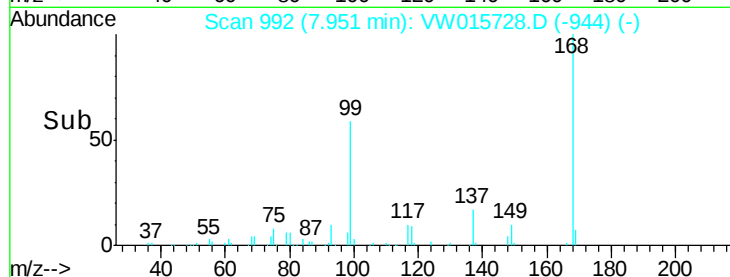
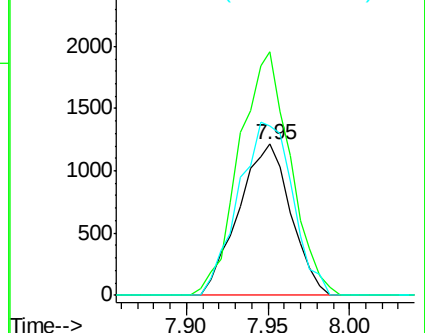
84 111.8 70.4 105.6#



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: 53.978 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015728.D

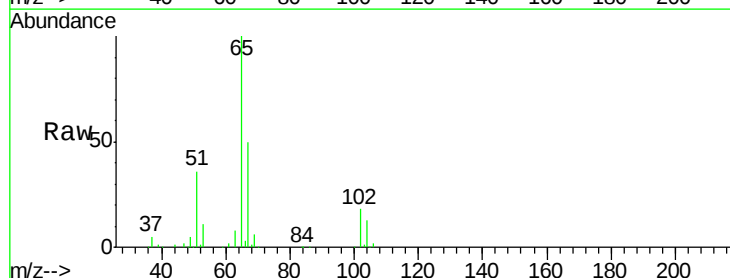
Acq: 25 Jun 2020 14:57

Tgt Ion: 65 Resp: 65371

Ion Ratio Lower Upper

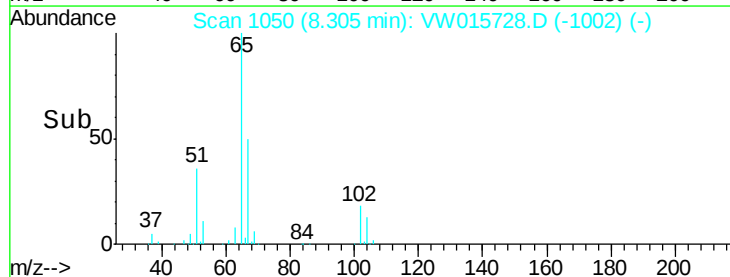
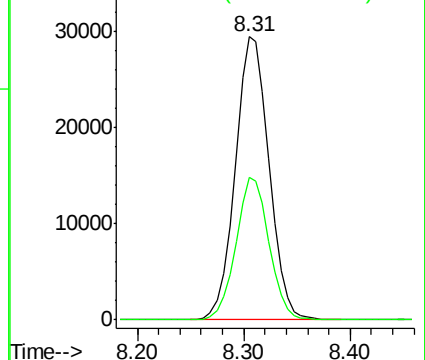
65 100

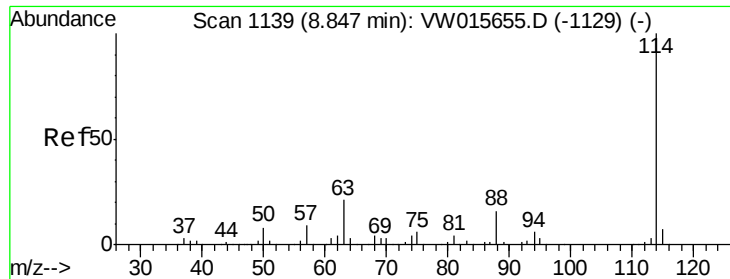
67 49.5 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

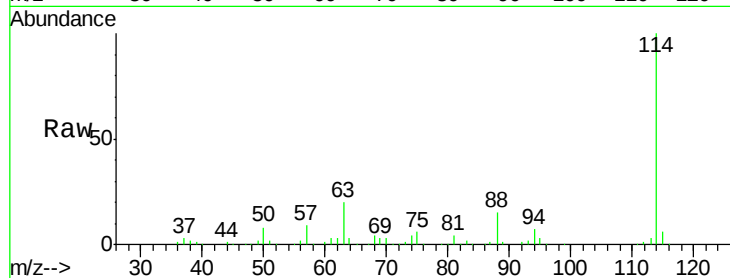




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015728.D
 Acq: 25 Jun 2020 14:57

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6-D2RE

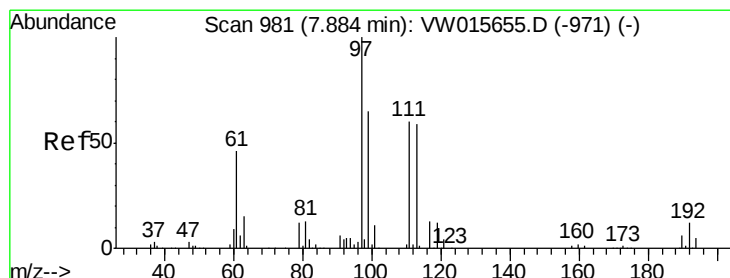
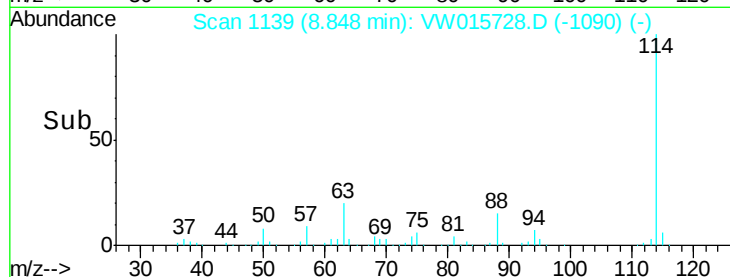
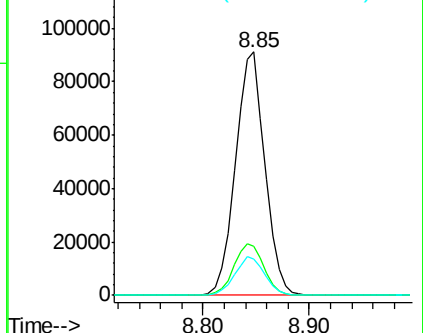
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.4
88	15.0	0.0	32.6



Abundance Ion 113.90 (113.60 to 114.60): V

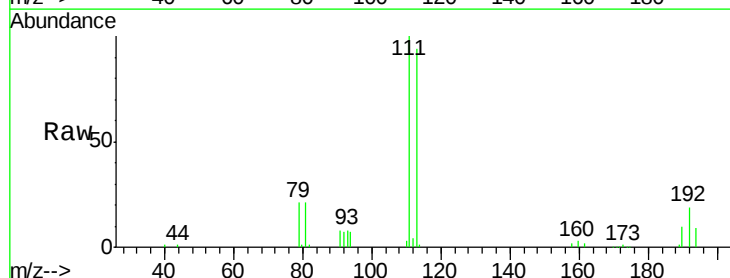
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 48.870 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015728.D
 Acq: 25 Jun 2020 14:57

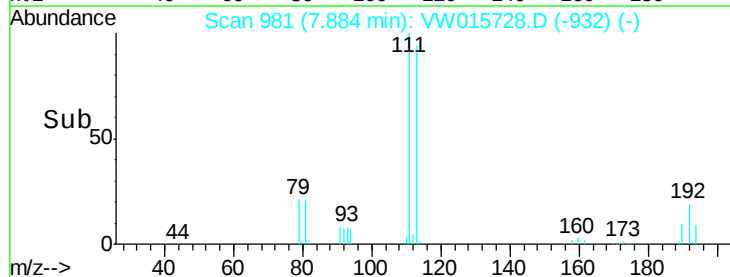
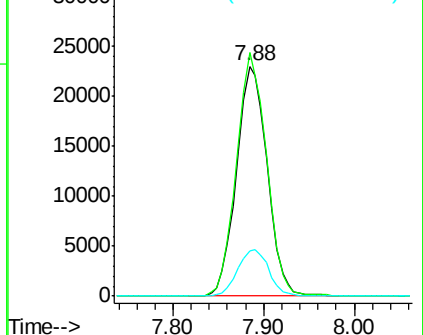
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	20.3	16.4	24.6

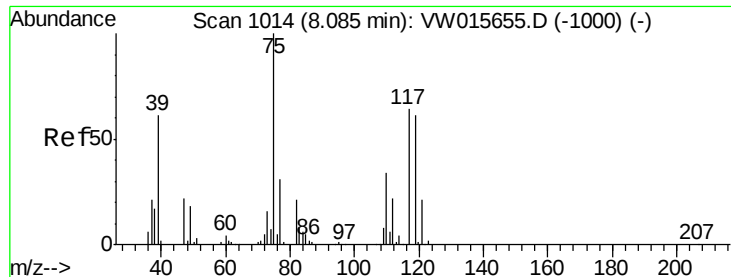


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

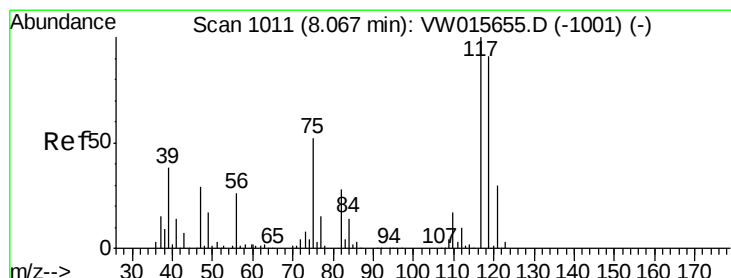
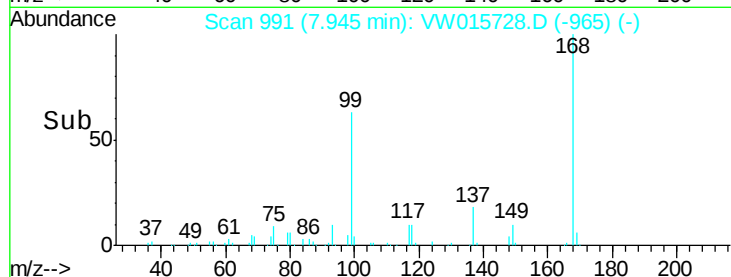
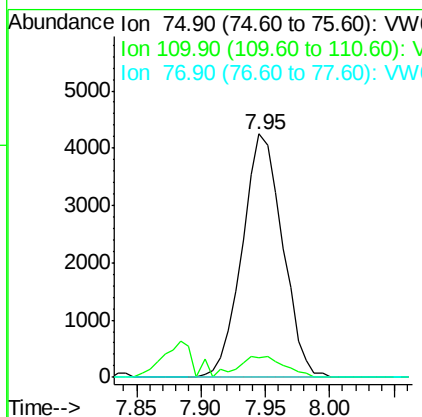
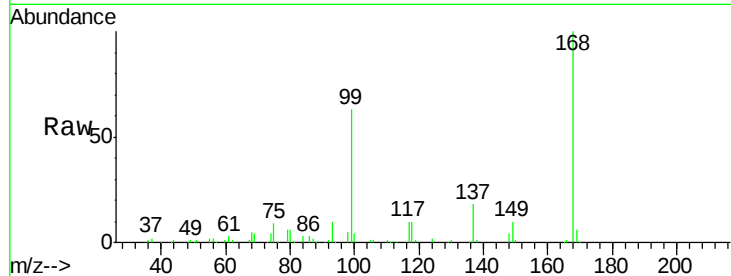




#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015728.D
 Acq: 25 Jun 2020 14:57

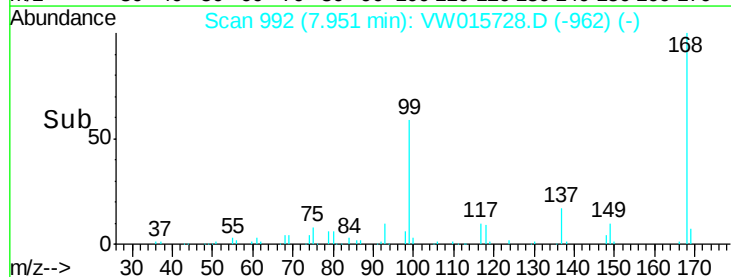
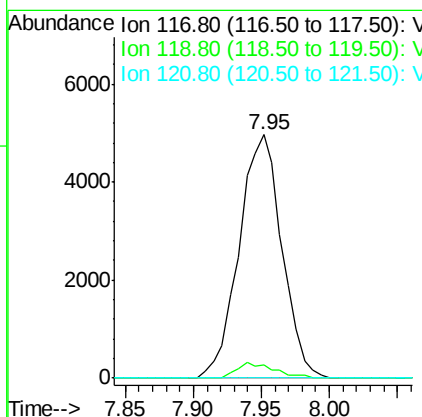
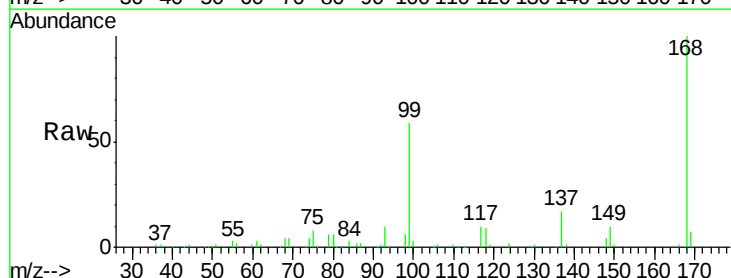
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6-D2RE

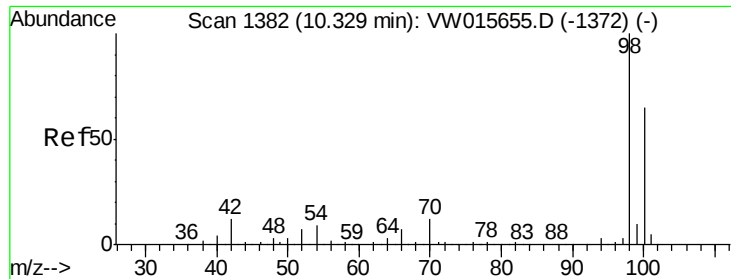
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.0	51.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.111 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015728.D
 Acq: 25 Jun 2020 14:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	73.2	109.8#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 49.143 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015728.D

Acq: 25 Jun 2020 14:57

Instrument :

MSVOA_W

ClientSampled :

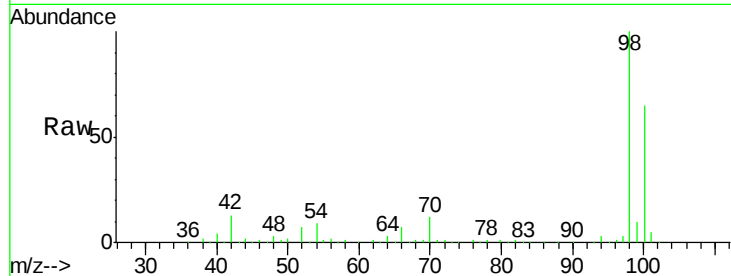
TP-6-D2RE

Tot Ion: 98 Resp: 214838

Ion Ratio Lower Upper

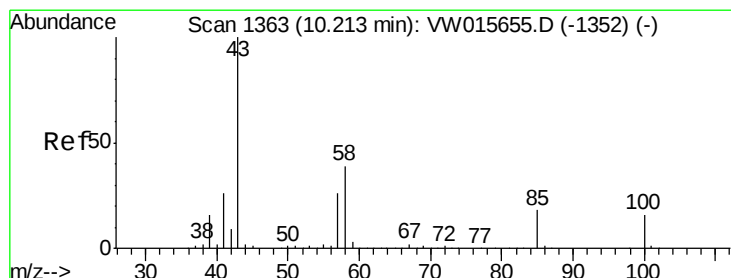
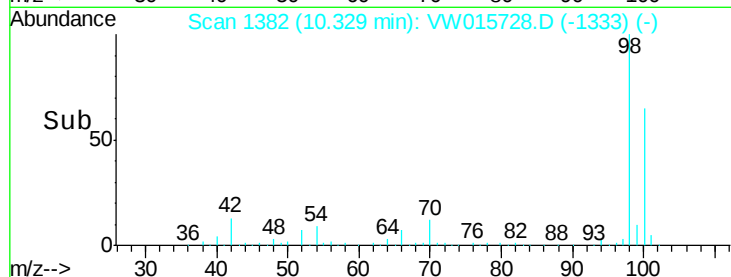
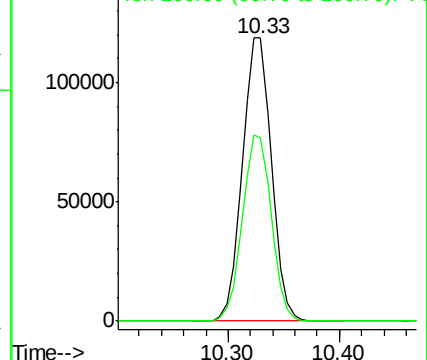
98 100

100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.578 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015728.D

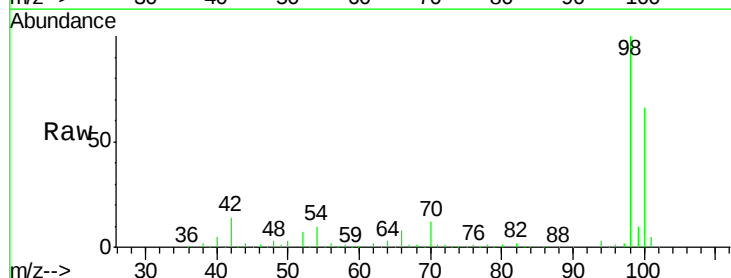
Acq: 25 Jun 2020 14:57

Tgt Ion: 43 Resp: 1065

Ion Ratio Lower Upper

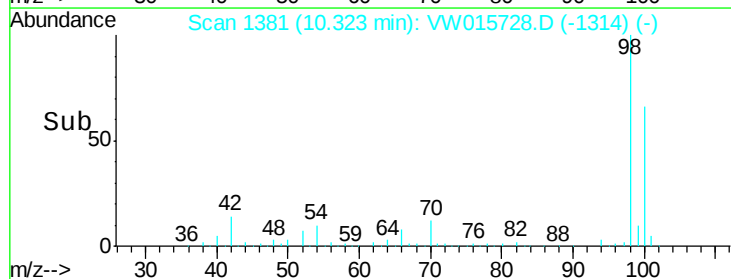
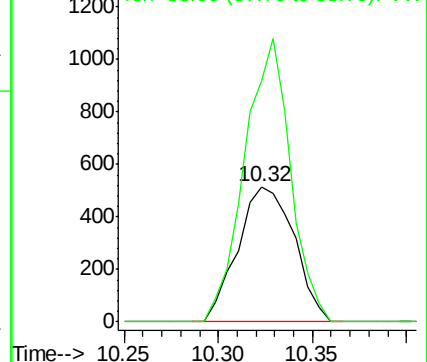
43 100

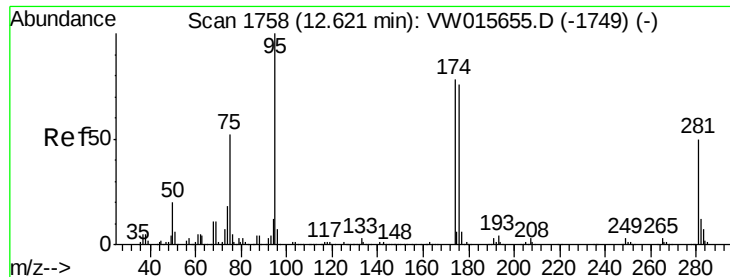
58 171.5 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

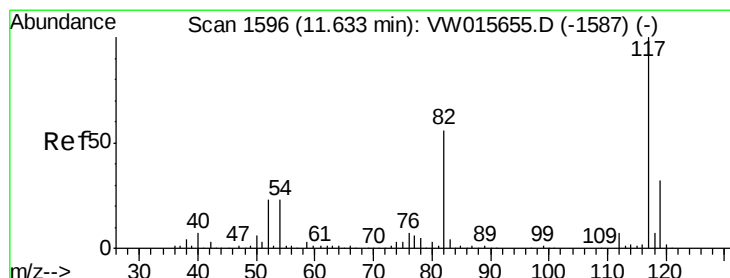
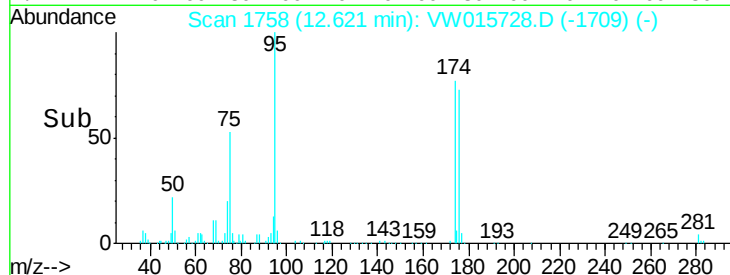
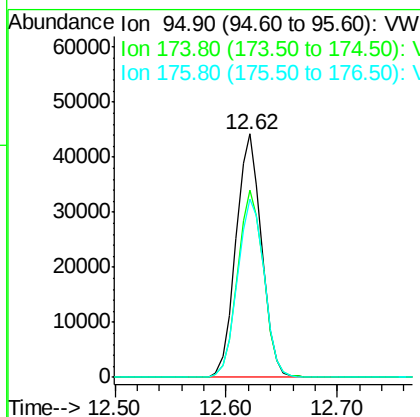
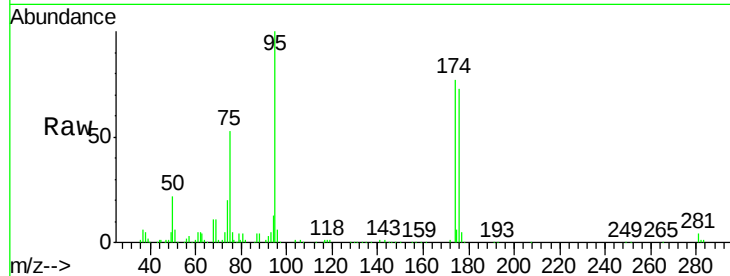




#62
4-Bromofluorobenzene
Concen: 43.761 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015728.D
Acq: 25 Jun 2020 14:57

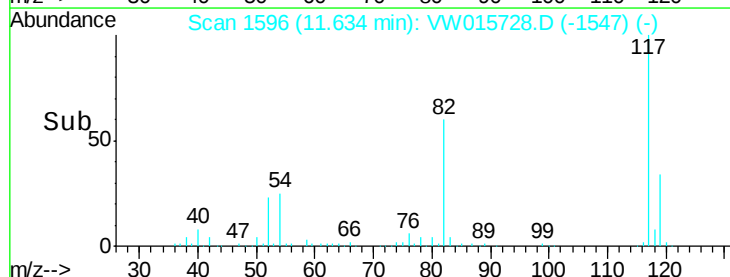
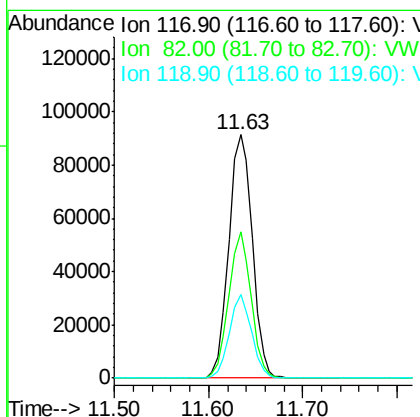
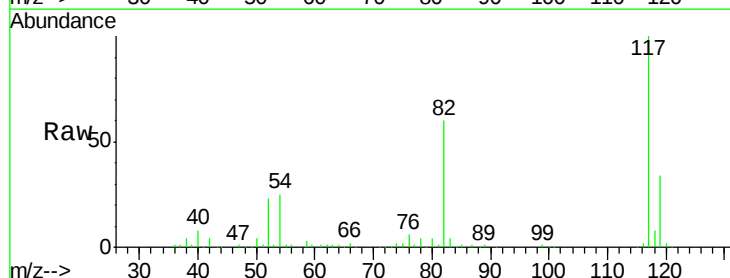
Instrument :
MSVOA_W
ClientSampleId :
TP-6-D2RE

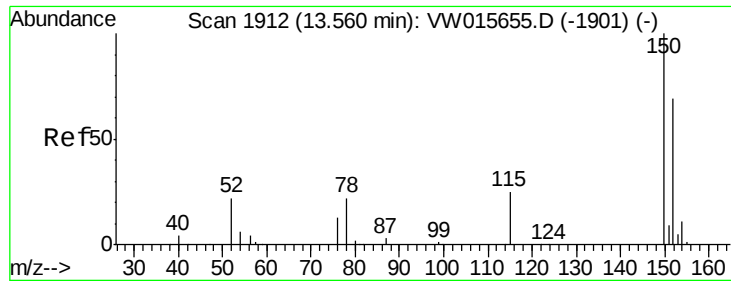
Tot Ion: 95 Resp: 70454
Ion Ratio Lower Upper
95 100
174 78.2 0.0 157.0
176 76.3 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015728.D
Acq: 25 Jun 2020 14:57

Tgt Ion: 117 Resp: 158513
Ion Ratio Lower Upper
117 100
82 59.9 45.1 67.7
119 34.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015728.D

Acq: 25 Jun 2020 14:57

Instrument :

MSVOA_W

ClientSampleId :

TP-6-D2RE

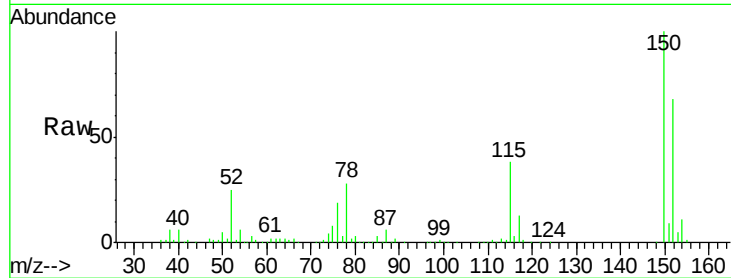
Tot Ion:152 Resp: 68715

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.5

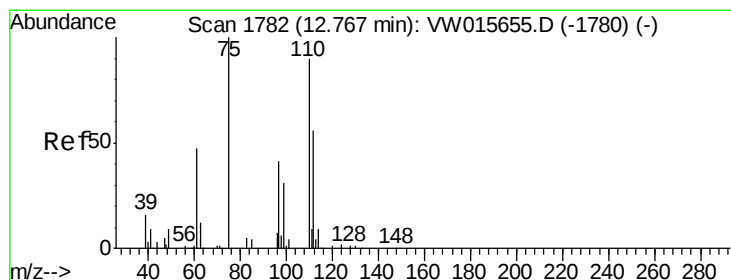
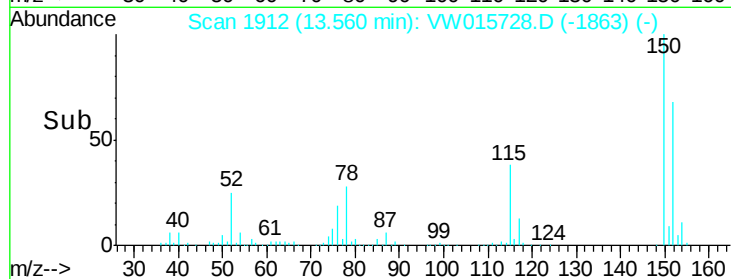
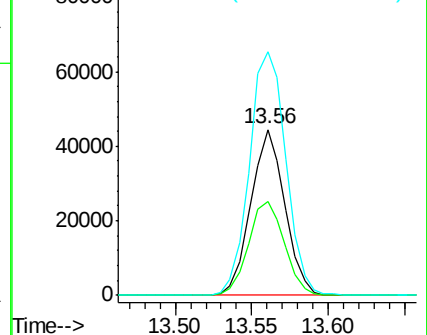
150 157.7 0.0 345.6



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: 60.782 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015728.D

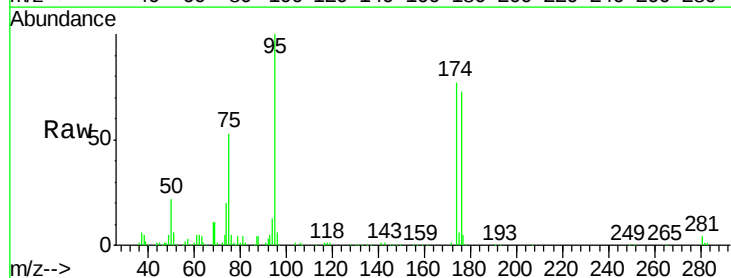
Acq: 25 Jun 2020 14:57

Tgt Ion: 75 Resp: 38097

Ion Ratio Lower Upper

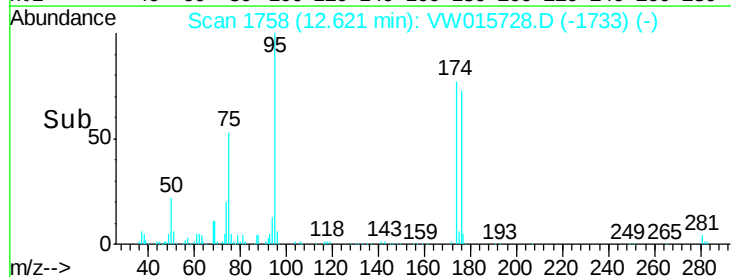
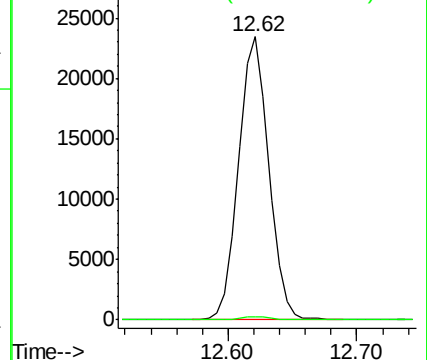
75 100

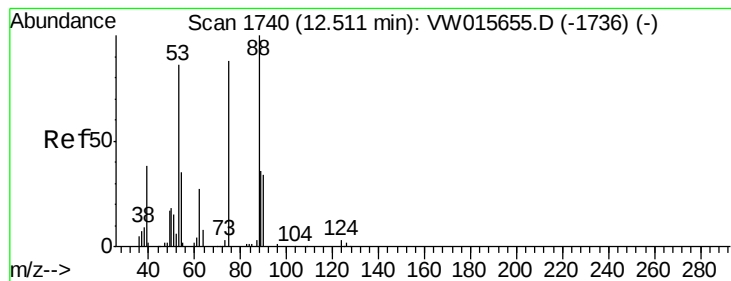
77 1.1 179.1 537.1#



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: 153.172 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015728.D

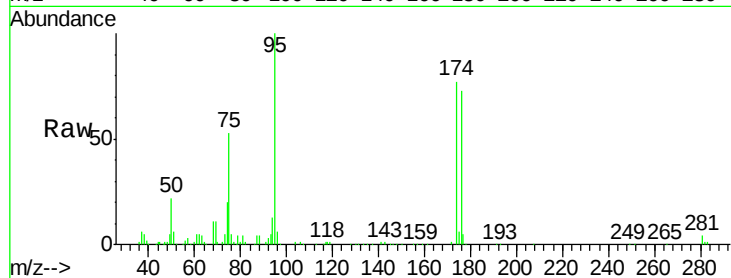
Acq: 25 Jun 2020 14:57

Instrument :

MSVOA_W

ClientSampleId :

TP-6-D2RE



Tot Ion: 75 Resp: 38097

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#

