

Data File : VW015713.D
Acq On : 25 Jun 2020 05:27
Operator : SY/VA
Sample : L3111-06
Misc : 8.06G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-6-D2

Quant Time: Jun 25 06:26:52 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	88326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	149744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	140458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52782	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64672	65.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.62%	
35) Dibromofluoromethane	7.88	113	48602	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.32	98	185610	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.62	95	59484	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	

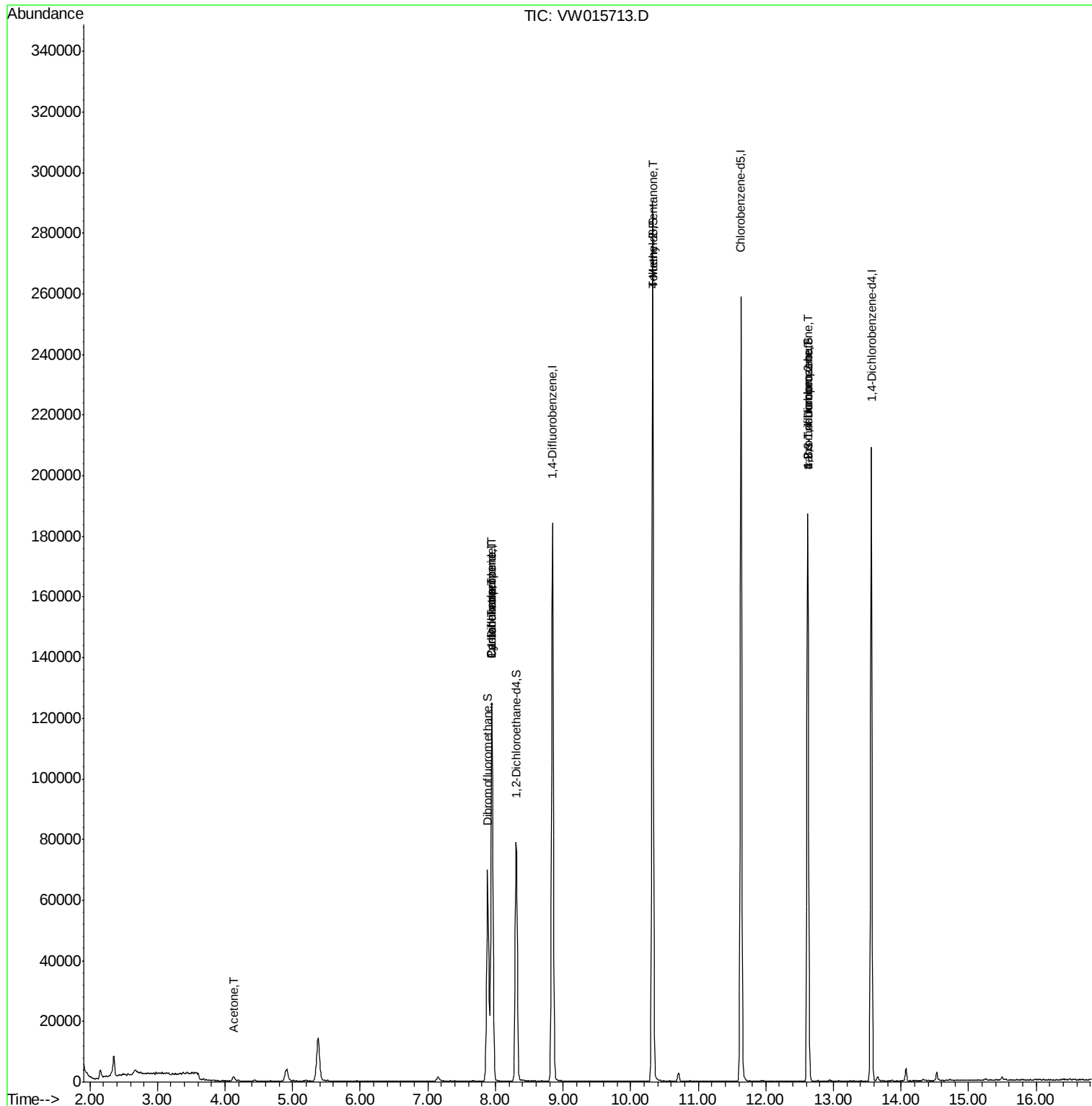
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.18	59	165	Below Cal	#	72
16) Acetone	4.12	43	2169	11.610	ug/l	91
18) Methyl Acetate	4.66	43	57	Below Cal	#	52
20) Methylene Chloride	4.91	84	3005	Below Cal		97
31) Cyclohexane	7.95	56	2272	1.342	ug/l	# 24
36) 1,1-Dichloropropene	7.95	75	7662	4.919	ug/l	# 50
38) Carbon Tetrachloride	7.95	117	9312	6.168	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.32	43	974	1.702	ug/l	# 1
76) 1,2,3-Trichloropropane	12.62	75	32500	67.504	ug/l	# 1
81) trans-1,4-Dichloro-2-buten	12.62	75	32500	170.113	ug/l	# 8

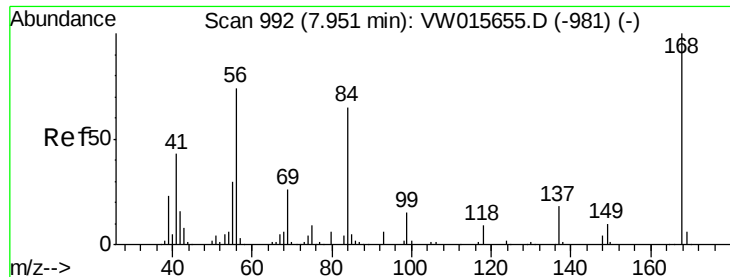
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015713.D

Acq: 25 Jun 2020 05:27

Instrument :

MSVOA_W

ClientSampleId :

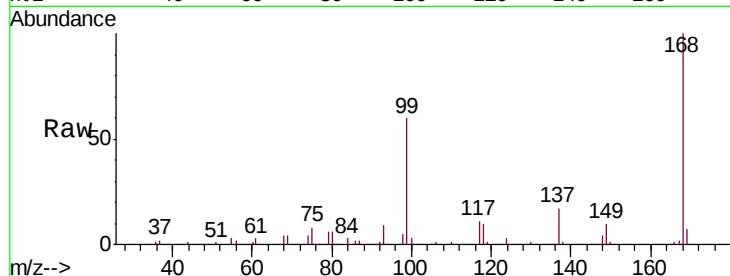
TP-6-D2

Tgt Ion: 168 Resp: 88326

Ion Ratio Lower Upper

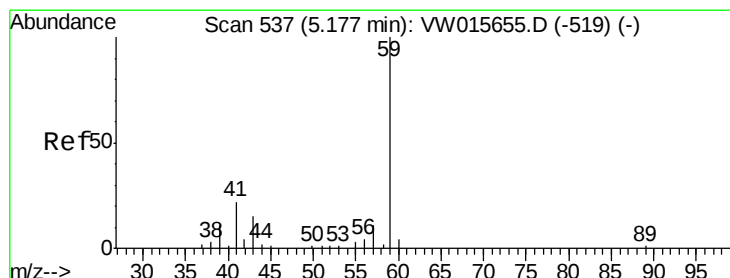
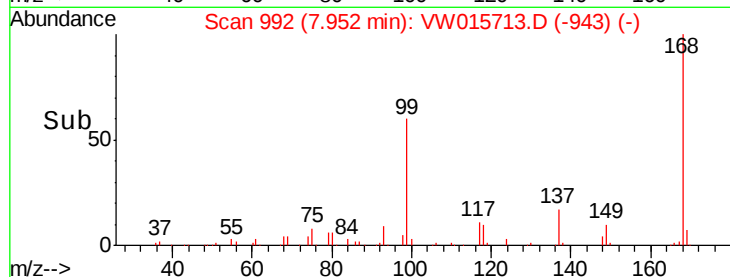
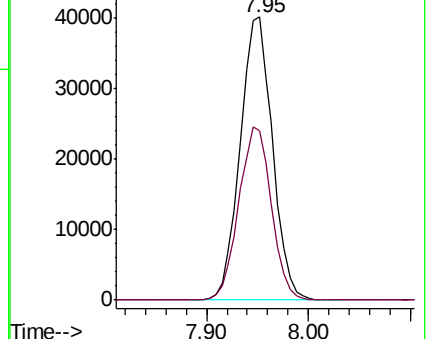
168 100

99 59.7 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: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW015713.D

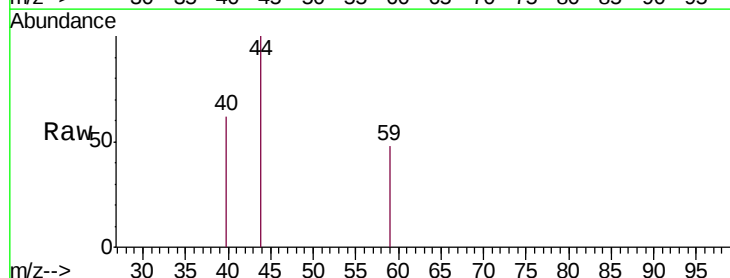
Acq: 25 Jun 2020 05:27

Tgt Ion: 59 Resp: 165

Ion Ratio Lower Upper

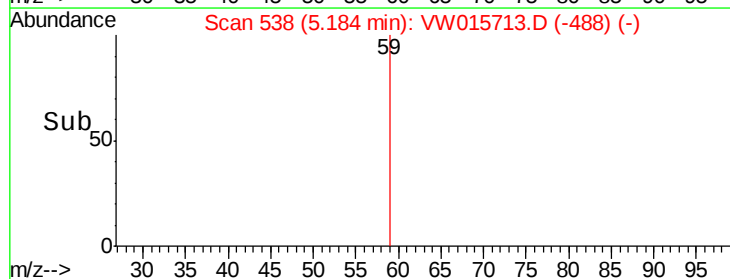
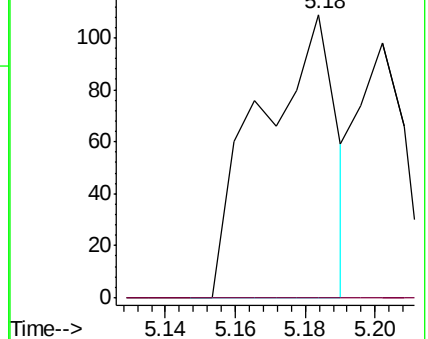
59 100

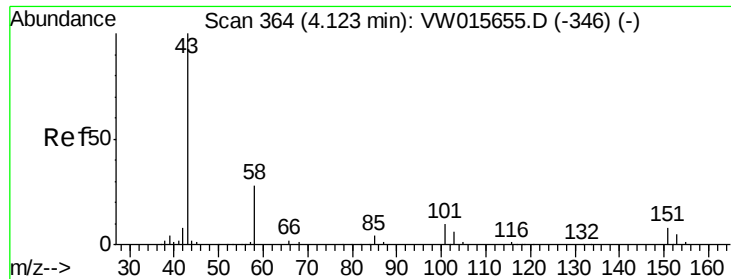
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 11.610 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015713.D

Acq: 25 Jun 2020 05:27

Instrument :

MSVOA_W

ClientSampled :

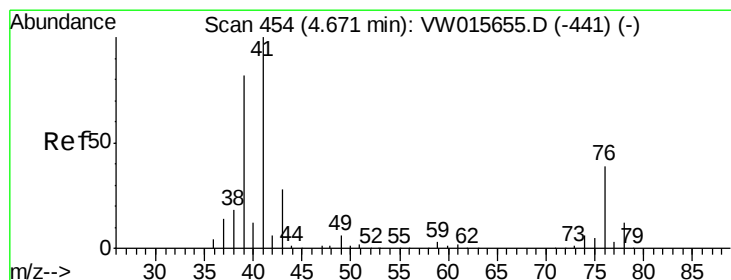
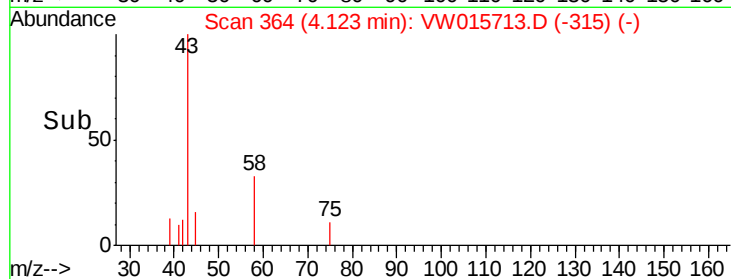
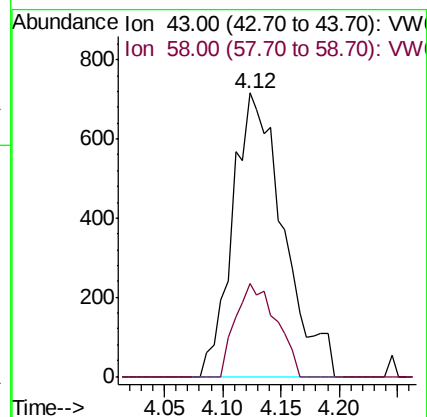
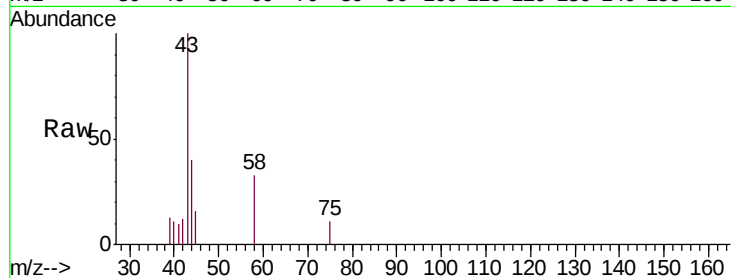
TP-6-D2

Tgt Ion: 43 Resp: 2169

Ion Ratio Lower Upper

43 100

58 32.8 22.6 33.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW015713.D

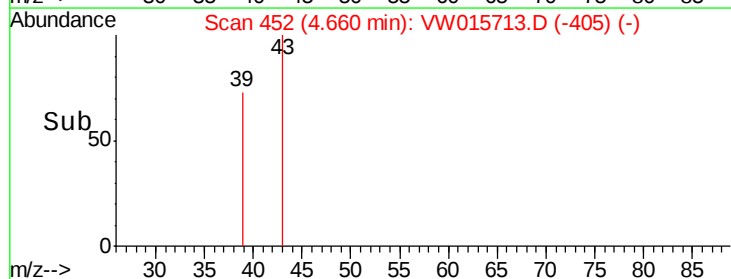
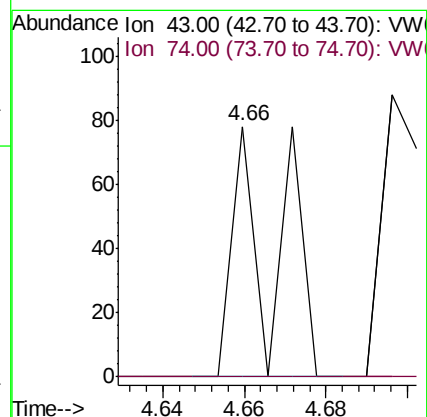
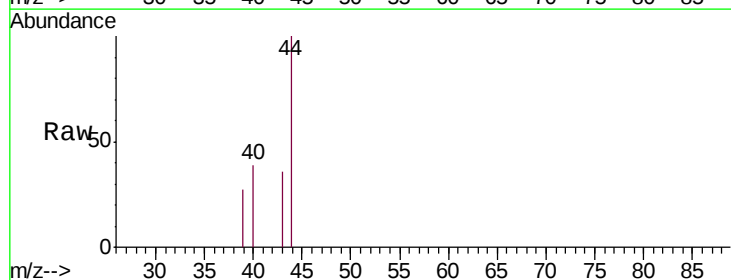
Acq: 25 Jun 2020 05:27

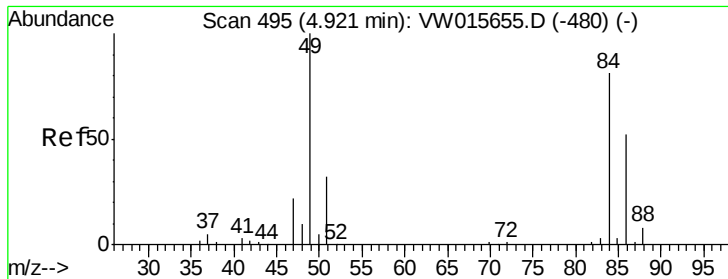
Tgt Ion: 43 Resp: 57

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#

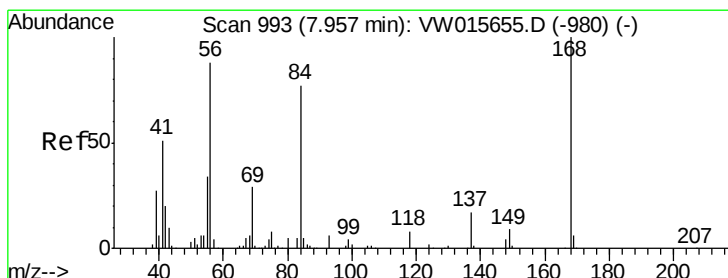
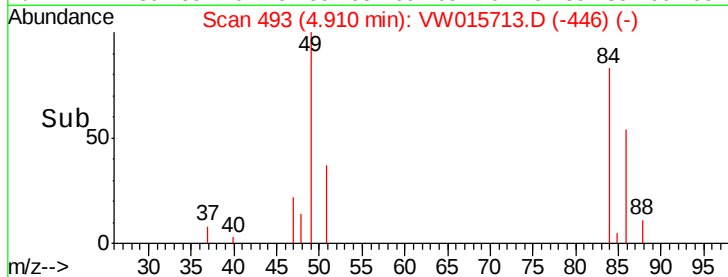
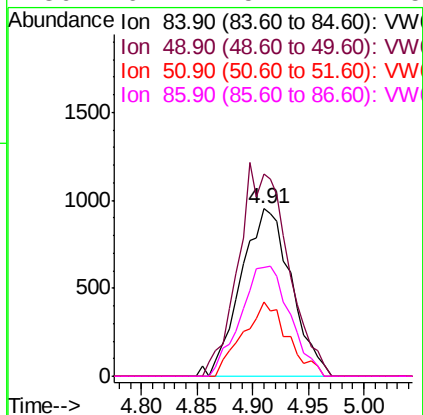
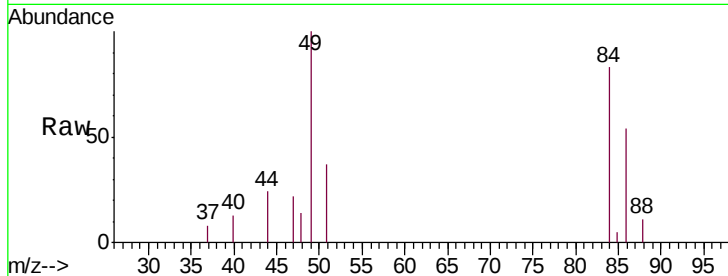




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015713.D
Acq: 25 Jun 2020 05:27

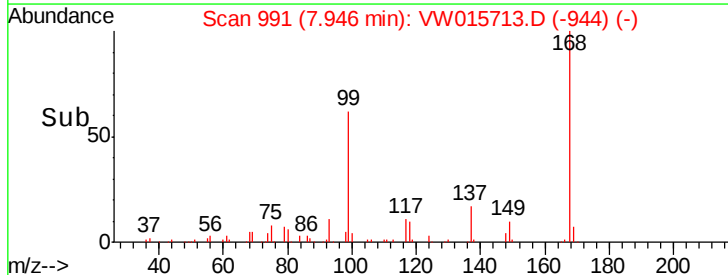
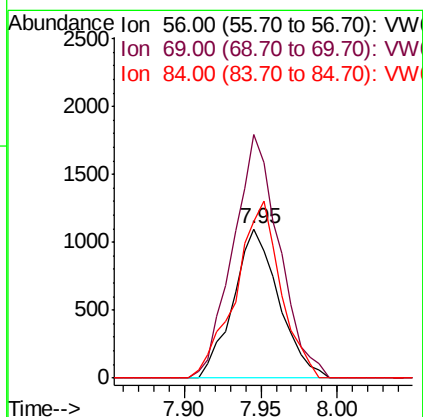
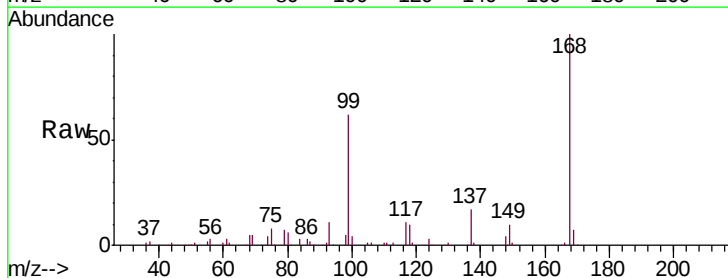
Instrument :
MSVOA_W
ClientSampled :
TP-6-D2

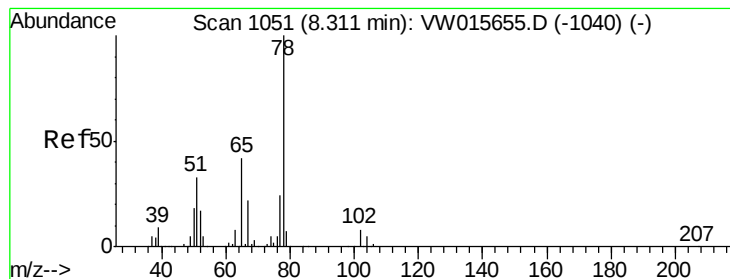
Tgt Ion:	84	Resp:	3005
Ion	Ratio	Lower	Upper
84	100		
49	120.7	99.3	148.9
51	44.2	31.8	47.6
86	64.7	51.7	77.5



#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015713.D
Acq: 25 Jun 2020 05:27

Tgt Ion:	56	Resp:	2272
Ion	Ratio	Lower	Upper
56	100		
69	163.1	26.2	39.4#
84	105.2	70.4	105.6





#33

1,2-Dichloroethane-d4

Concen: 65.807 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015713.D

Acq: 25 Jun 2020 05:27

Instrument :

MSVOA_W

ClientSampleId :

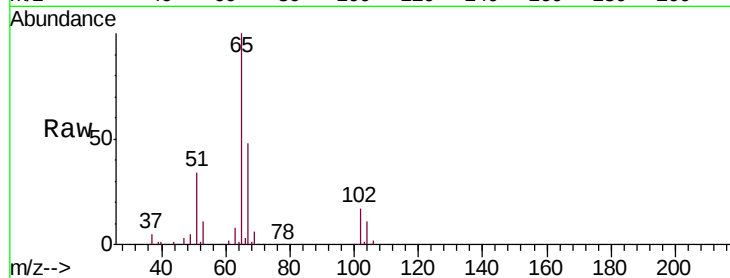
TP-6-D2

Tgt Ion: 65 Resp: 64672

Ion Ratio Lower Upper

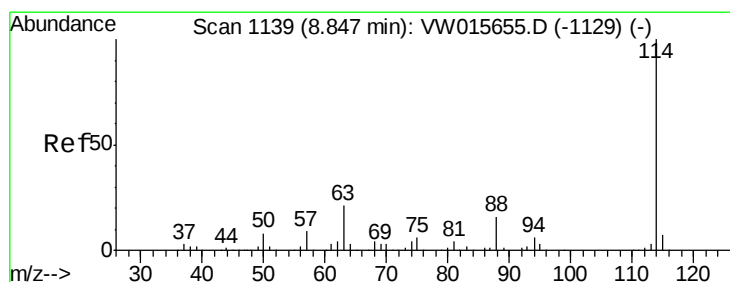
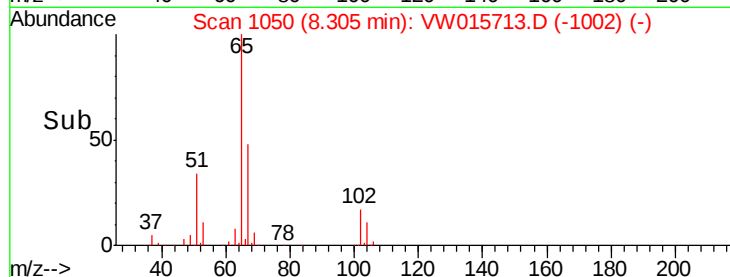
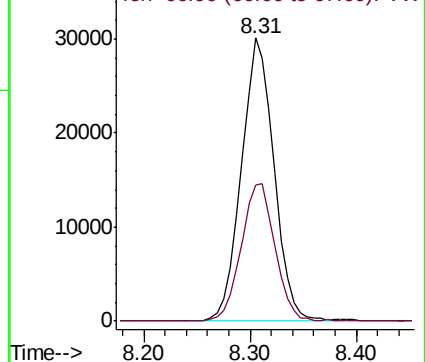
65 100

67 50.3 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: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015713.D

Acq: 25 Jun 2020 05:27

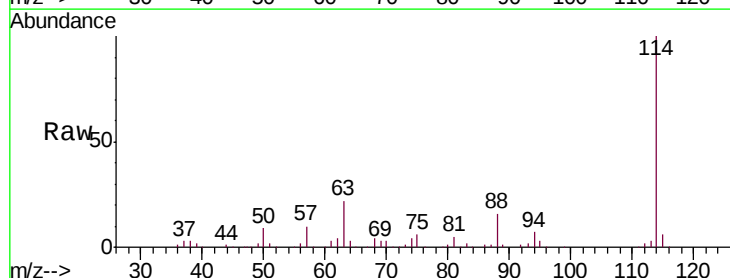
Tgt Ion: 114 Resp: 149744

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

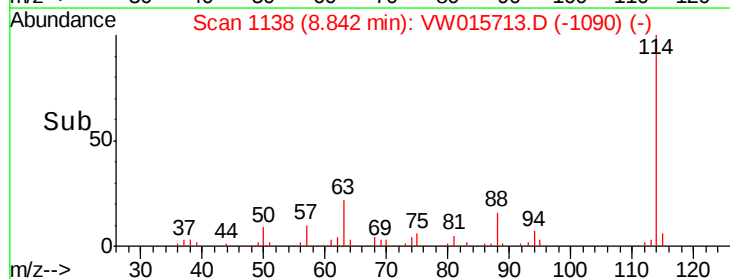
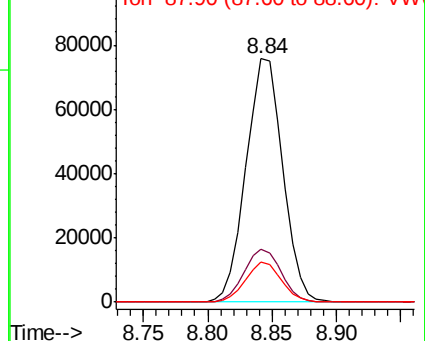
88 16.4 0.0 32.6

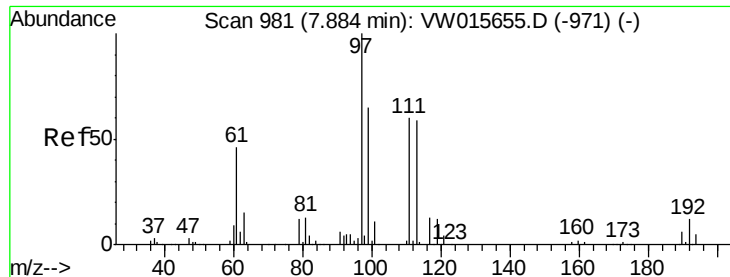


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

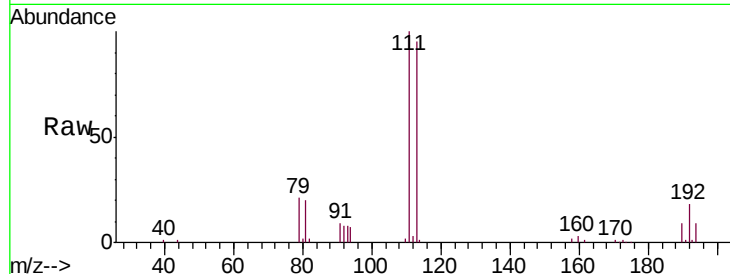




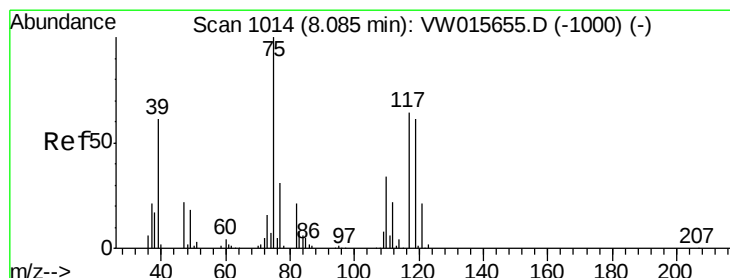
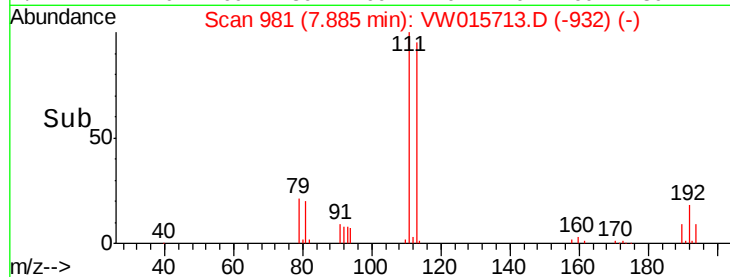
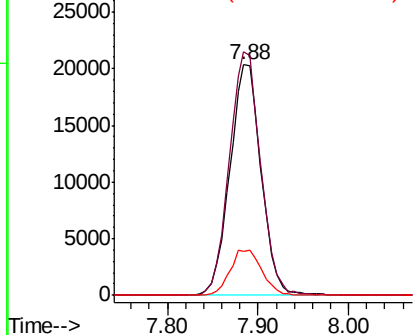
#35
 Dibromofluoromethane
 Concen: 51.598 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015713.D
 Acq: 25 Jun 2020 05:27

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6-D2

Tgt Ion: 113 Resp: 48602
 Ion Ratio Lower Upper
 113 100
 111 105.6 82.3 123.5
 192 19.9 16.4 24.6

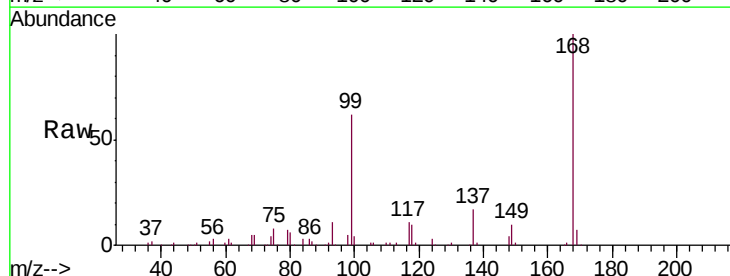


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

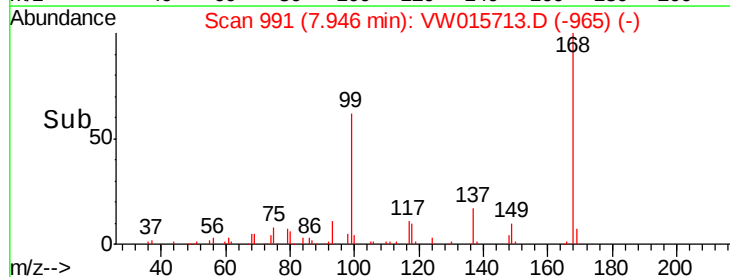
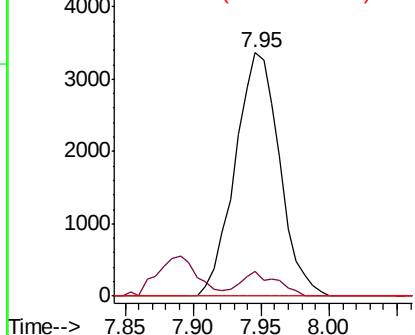


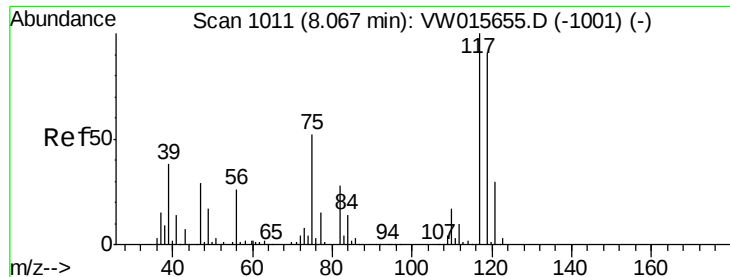
#36
 1,1-Dichloropropene
 Concen: 4.919 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015713.D
 Acq: 25 Jun 2020 05:27

Tgt Ion: 75 Resp: 7662
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.0 51.0#
 77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

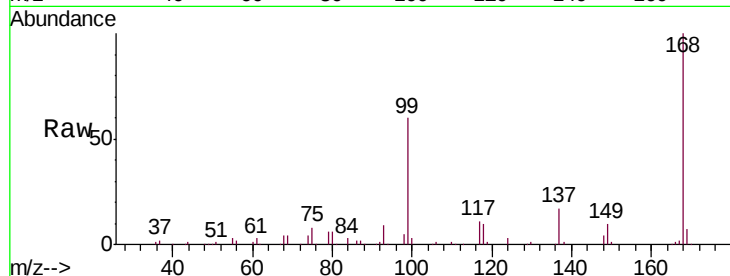




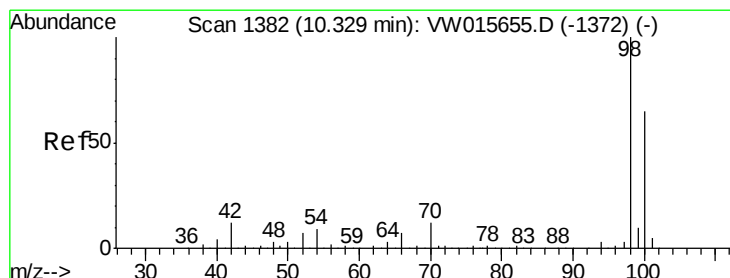
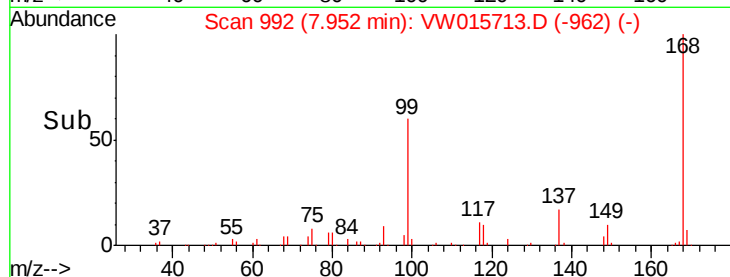
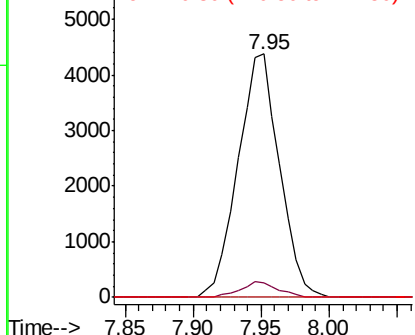
#38
Carbon Tetrachloride
Concen: 6.168 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015713.D
Acq: 25 Jun 2020 05:27

Instrument :
MSVOA_W
ClientSampleId :
TP-6-D2

Tgt Ion: 117 Resp: 9312
Ion Ratio Lower Upper
117 100
119 5.8 73.2 109.8#
121 0.0 23.9 35.9#

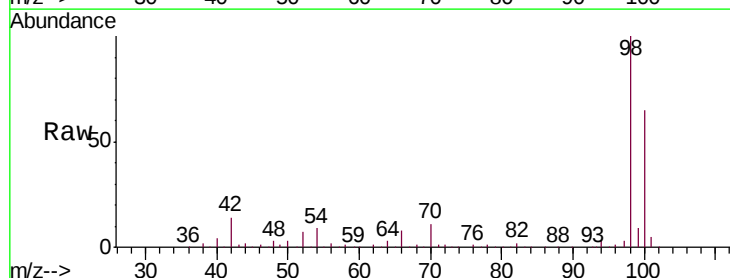


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

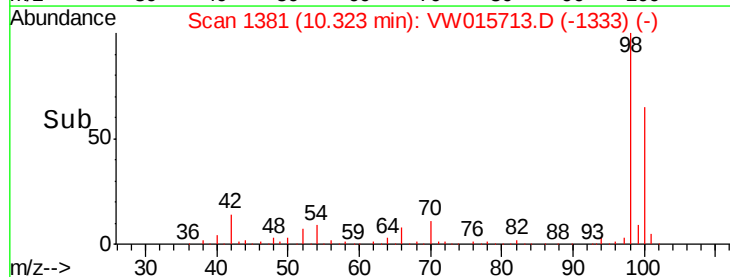
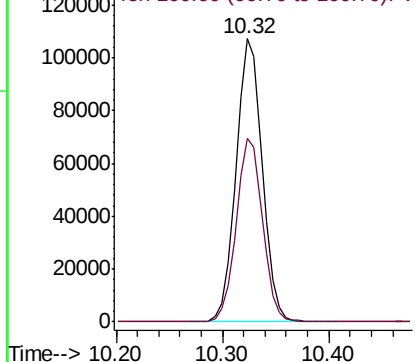


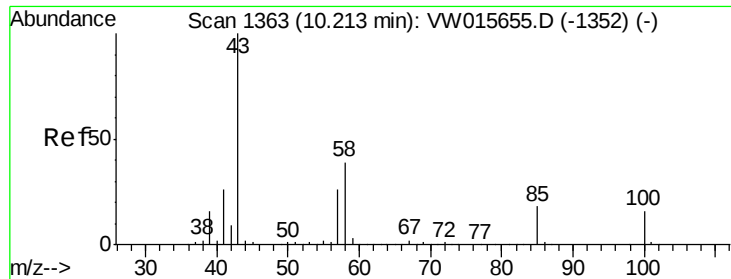
#50
Toluene-d8
Concen: 50.072 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015713.D
Acq: 25 Jun 2020 05:27

Tgt Ion: 98 Resp: 185610
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



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

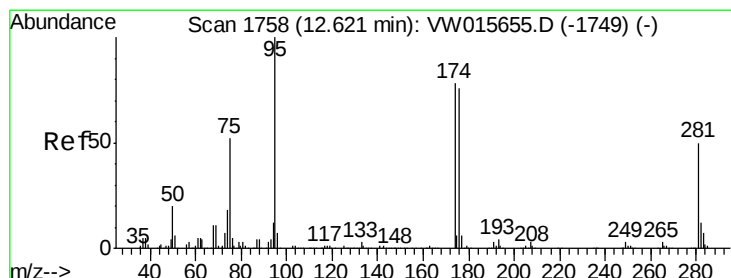
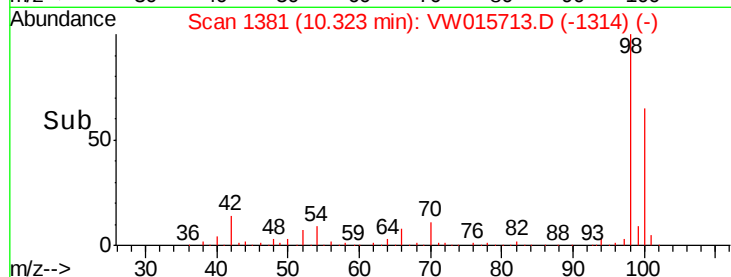
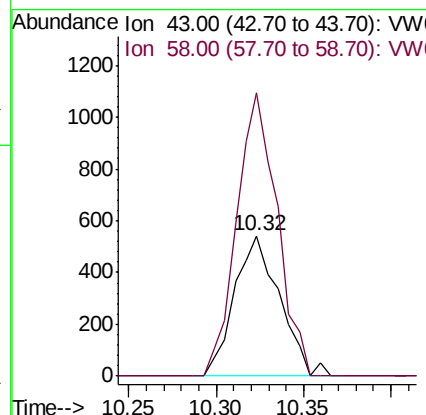
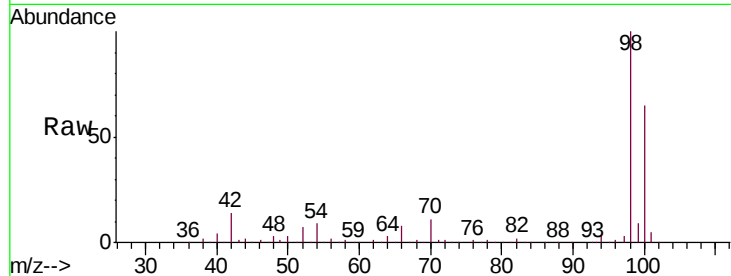




#51
 4-Methyl-2-Pentanone
 Concen: 1.702 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW015713.D
 Acq: 25 Jun 2020 05:27

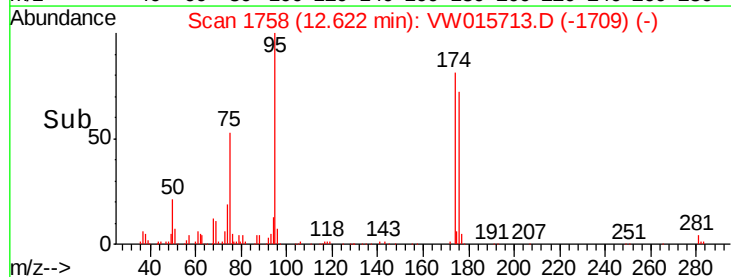
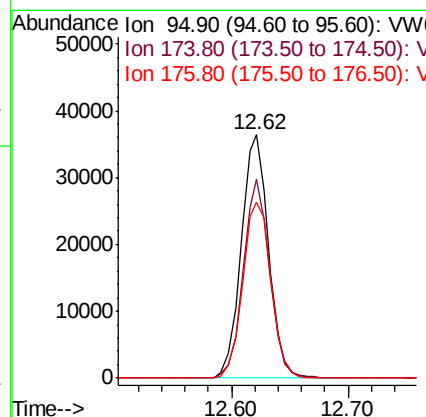
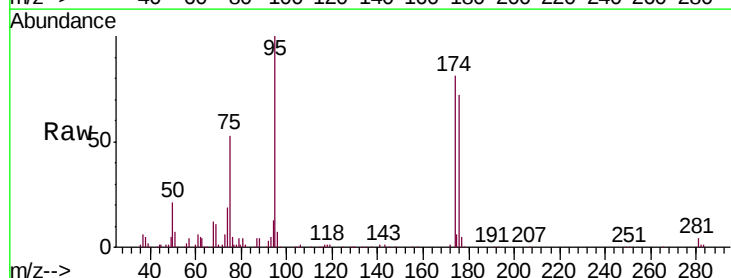
Instrument :
 MSVOA_W
 ClientSampled :
 TP-6-D2

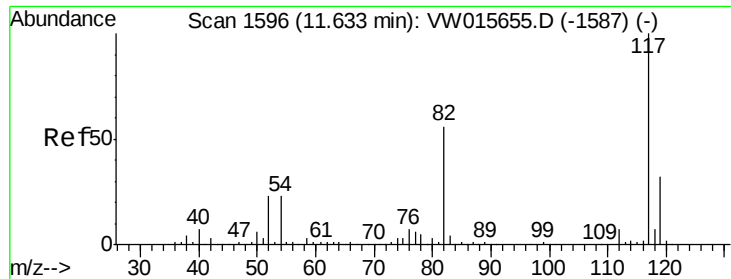
Tgt Ion: 43 Resp: 974
 Ion Ratio Lower Upper
 43 100
 58 180.5 31.2 46.8#



#62
 4-Bromofluorobenzene
 Concen: 43.573 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015713.D
 Acq: 25 Jun 2020 05:27

Tgt Ion: 95 Resp: 59484
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 157.0
 176 75.0 0.0 151.4

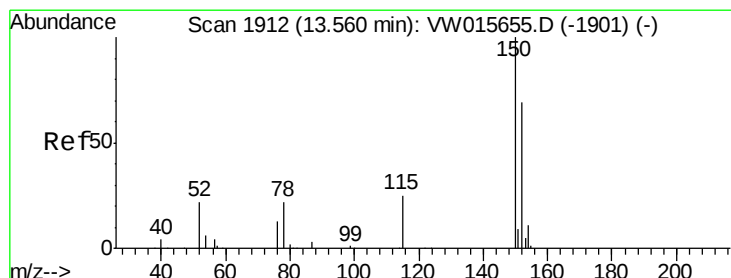
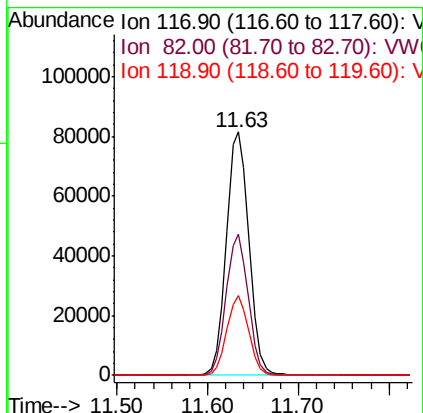
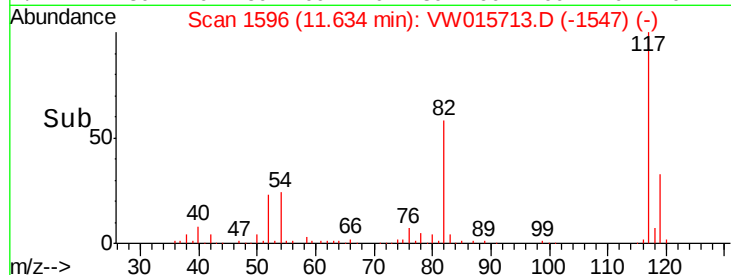
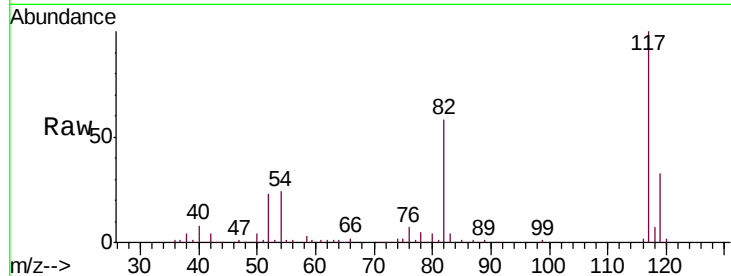




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015713.D
Acq: 25 Jun 2020 05:27

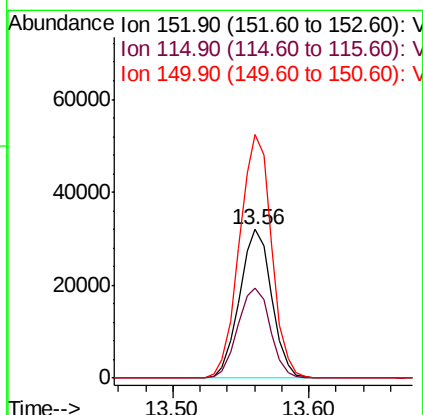
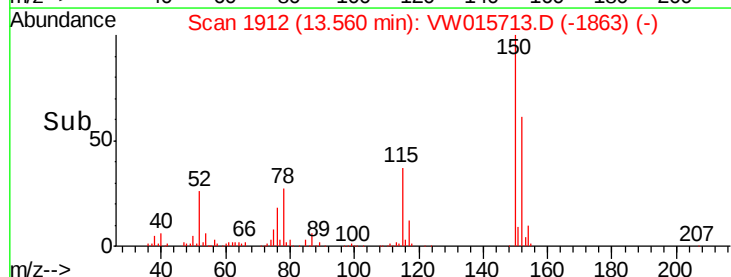
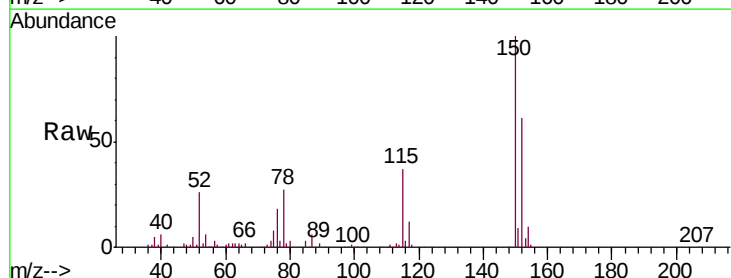
Instrument :
MSVOA_W
ClientSampled :
TP-6-D2

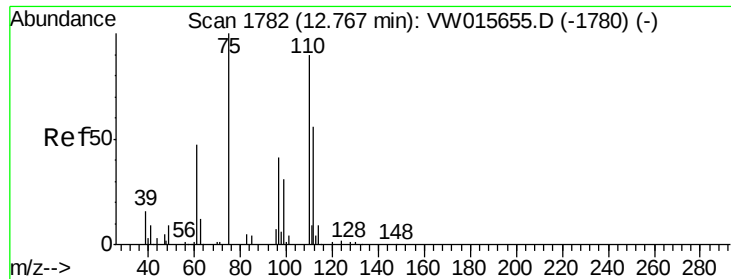
Tgt Ion:117 Resp: 140458
Ion Ratio Lower Upper
117 100
82 57.7 45.1 67.7
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015713.D
Acq: 25 Jun 2020 05:27

Tgt Ion:152 Resp: 52782
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.5
150 163.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 67.504 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015713.D

Acq: 25 Jun 2020 05:27

Instrument :

MSVOA_W

ClientSampleId :

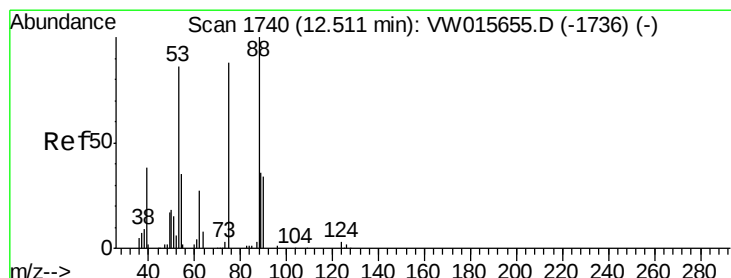
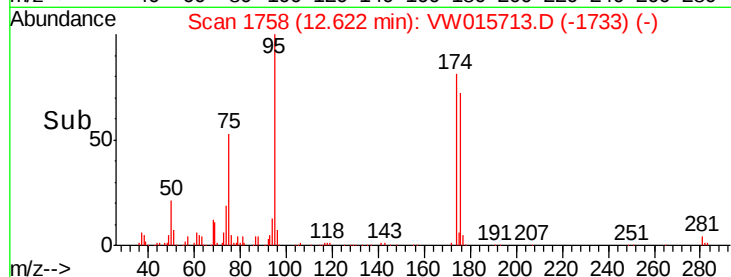
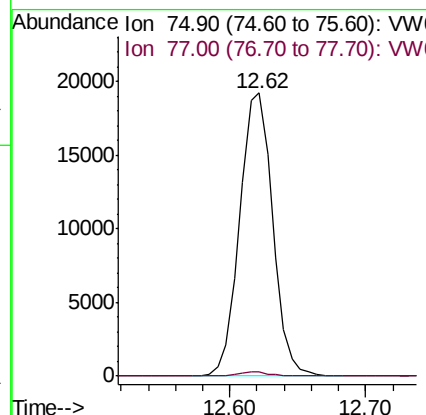
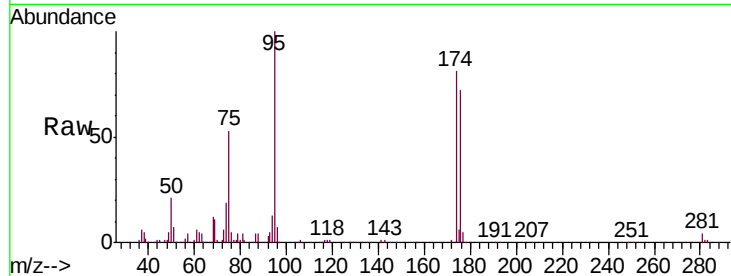
TP-6-D2

Tgt Ion: 75 Resp: 32500

Ion Ratio Lower Upper

75 100

77 1.2 179.1 537.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 170.113 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015713.D

Acq: 25 Jun 2020 05:27

Tgt Ion: 75 Resp: 32500

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#

