

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015673.D
 Acq On : 24 Jun 2020 10:52
 Operator : SY/VA
 Sample : VW0624SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBL01

Quant Time: Jun 25 02:01:41 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	159010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	280434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	252995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108181	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	98052	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
35) Dibromofluoromethane	7.88	113	87494	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.32	98	343471	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.62	95	115238	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	

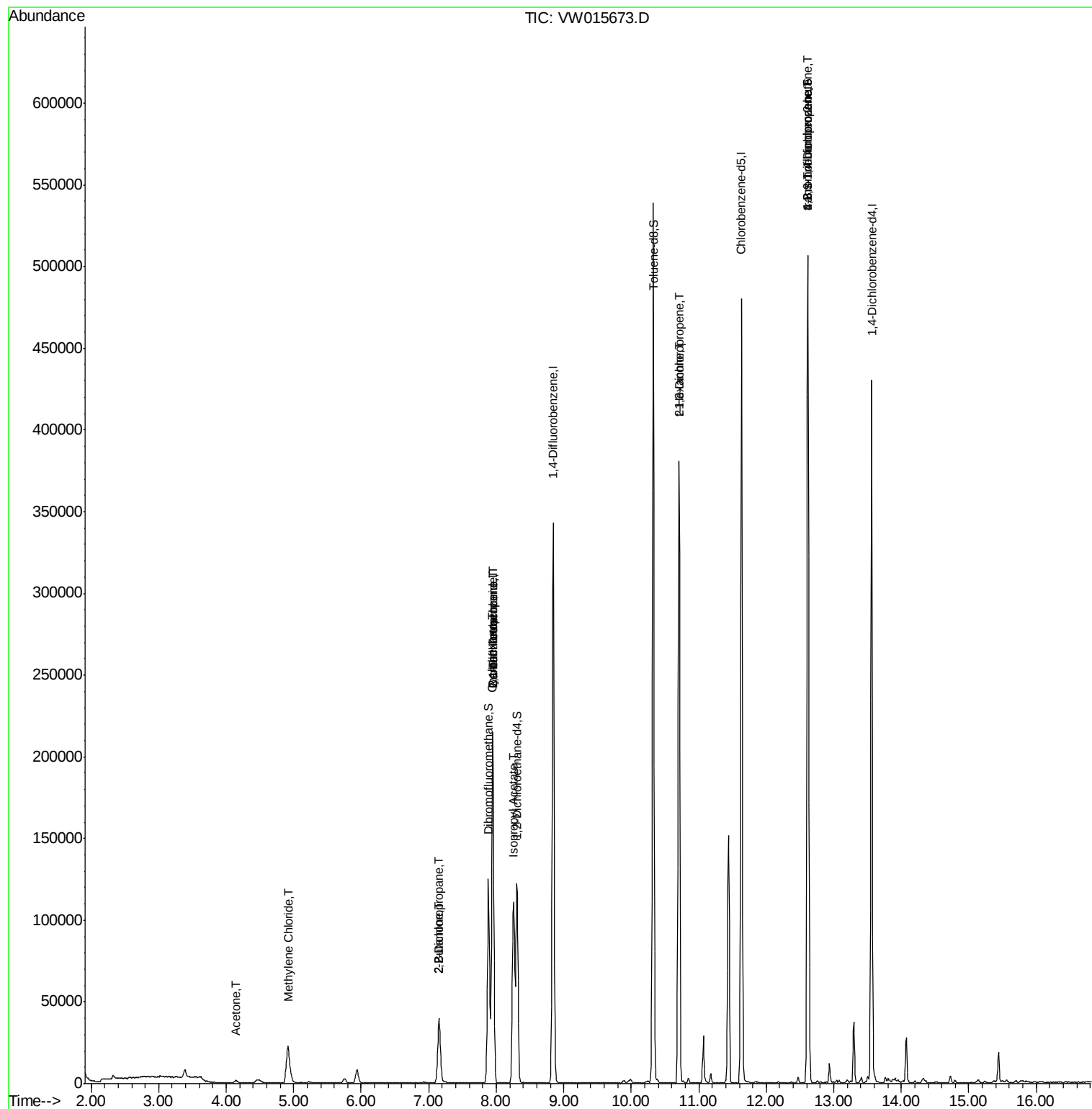
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	577	Below Cal	#	72
16) Acetone	4.14	43	3406	10.127	ug/l	95
18) Methyl Acetate	4.70	43	84	Below Cal	#	52
20) Methylene Chloride	4.92	84	17684	6.862	ug/l	93
25) 2-Butanone	7.15	43	2681	5.898	ug/l #	72
26) 2,2-Dichloropropane	7.15	77	2879	1.362	ug/l #	53
31) Cyclohexane	7.94	56	3897	1.279	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	13358	4.580	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15563	5.504	ug/l #	18
43) Isopropyl Acetate	8.26	43	3108	1.398	ug/l #	36
53) t-1,3-Dichloropropene	10.71	75	5478	2.167	ug/l #	59
59) 2-Hexanone	10.70	43	1092	1.497	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	64947	65.818	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	64947	165.862	ug/l #	8

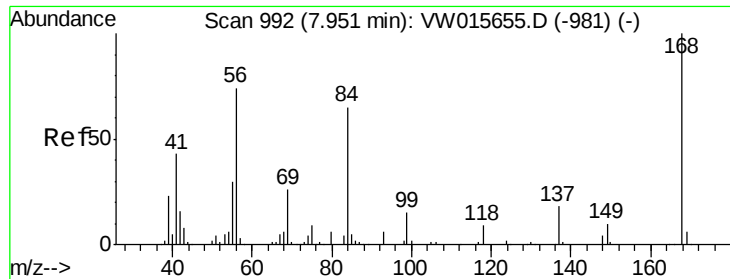
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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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: VW015673.D

Acq: 24 Jun 2020 10:52

Instrument :

MSVOA_W

ClientSampleId :

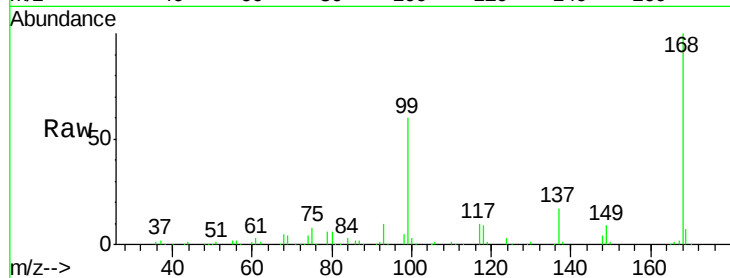
VW0624SBL01

Tgt Ion: 168 Resp: 159010

Ion Ratio Lower Upper

168 100

99 60.0 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

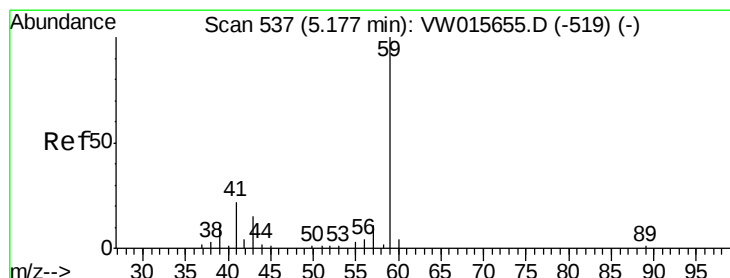
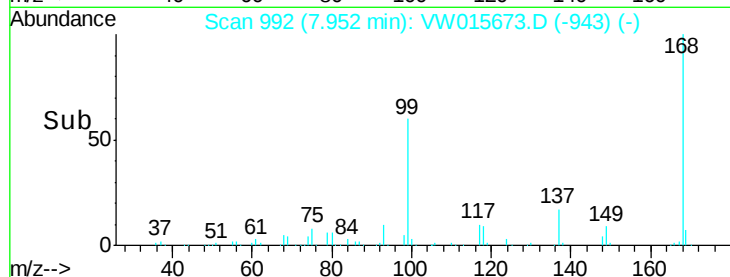
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 542

Delta R.T. 0.03 min

Lab File: VW015673.D

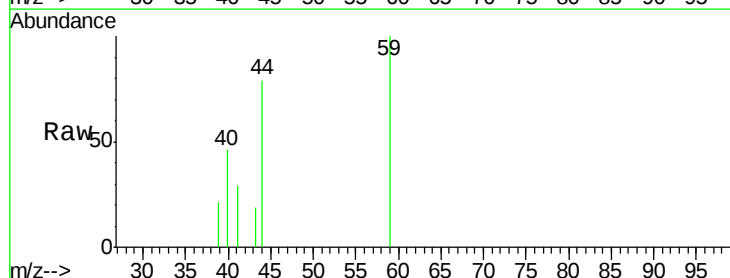
Acq: 24 Jun 2020 10:52

Tgt Ion: 59 Resp: 577

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

5.21

400

300

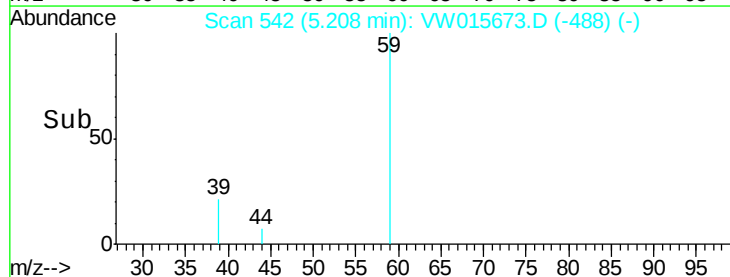
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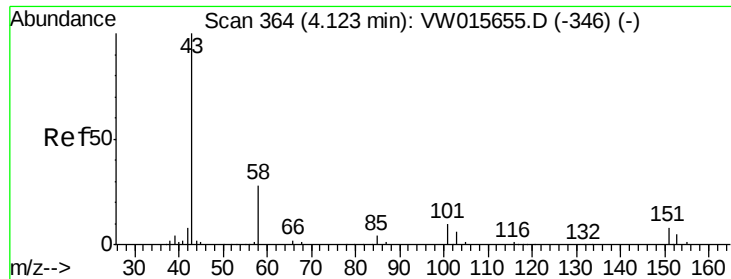
100

0

5.15 5.20 5.25

Time-->





#16

Acetone

Concen: 10.127 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015673.D

Acq: 24 Jun 2020 10:52

Instrument :

MSVOA_W

ClientSampleId :

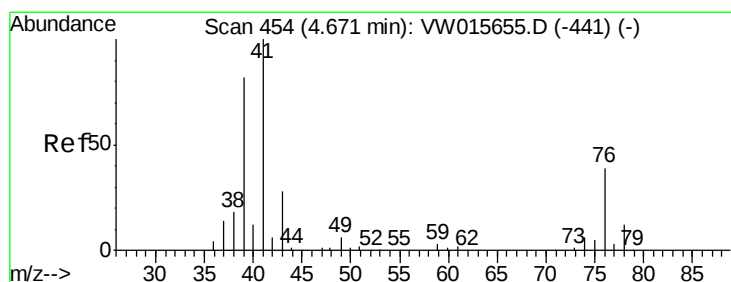
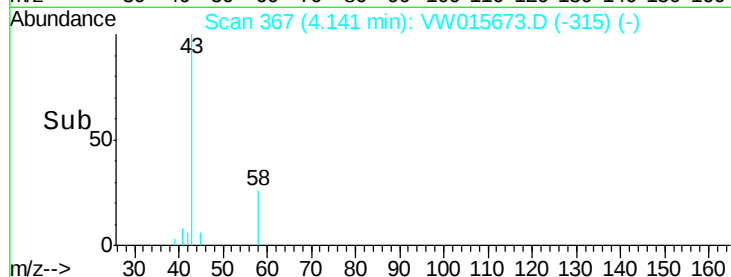
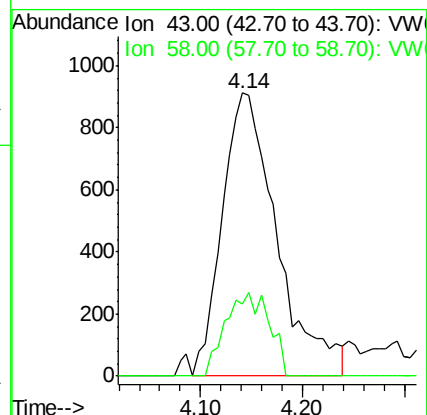
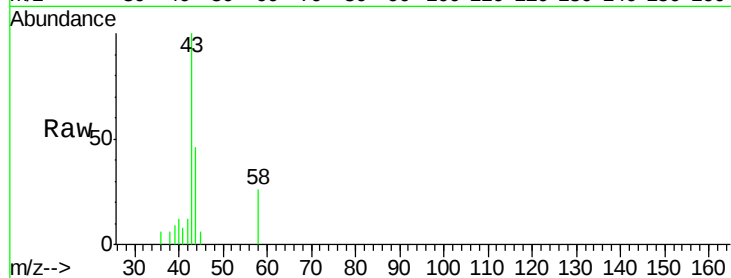
VW0624SBL01

Tgt Ion: 43 Resp: 3406

Ion Ratio Lower Upper

43 100

58 25.7 22.6 33.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.70 min Scan# 458

Delta R.T. 0.02 min

Lab File: VW015673.D

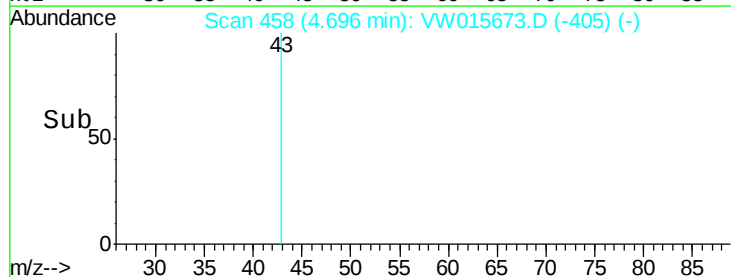
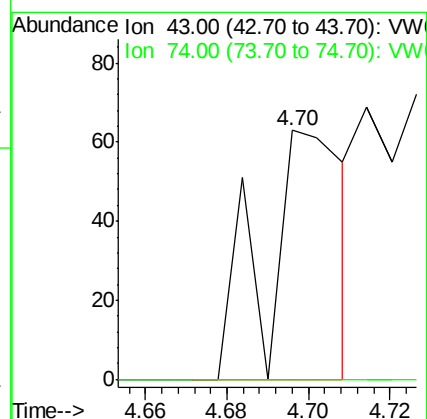
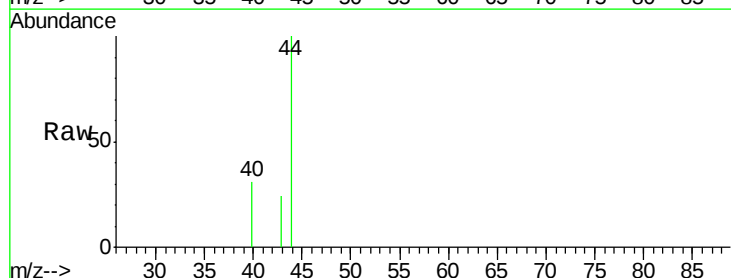
Acq: 24 Jun 2020 10:52

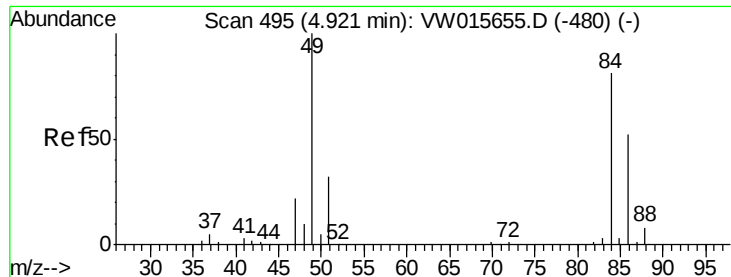
Tgt Ion: 43 Resp: 84

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#

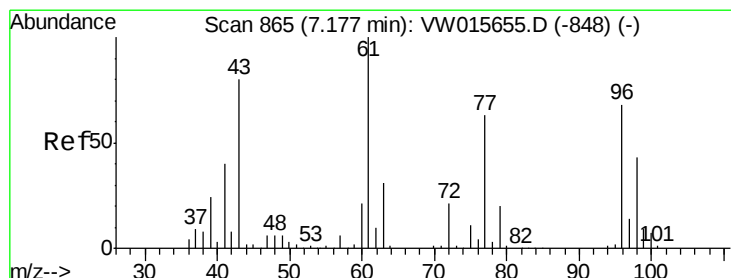
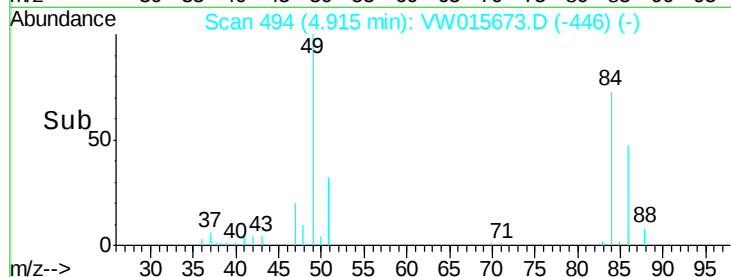
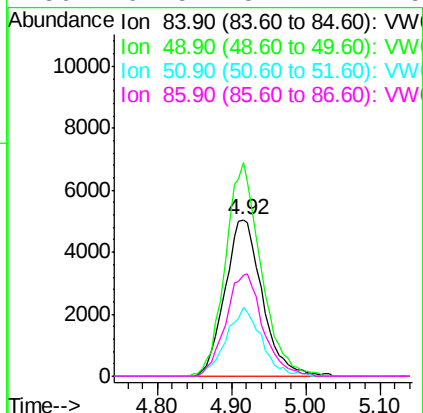
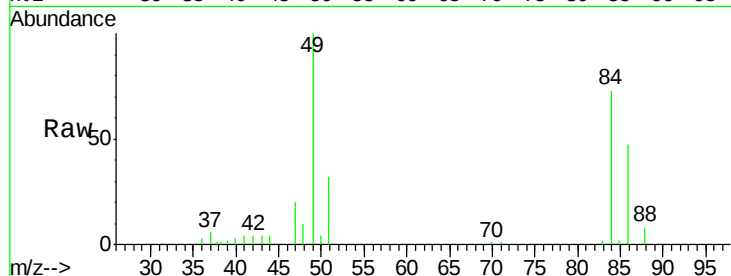




#20
Methylene Chloride
Concen: 6.862 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015673.D
Acq: 24 Jun 2020 10:52

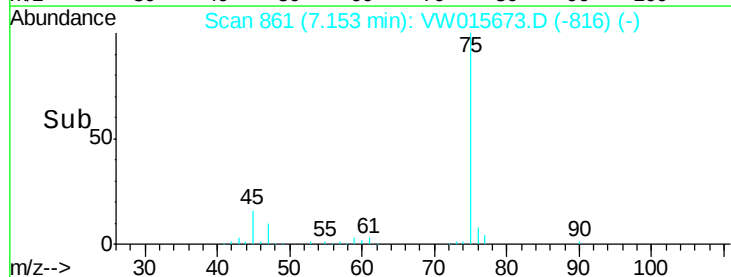
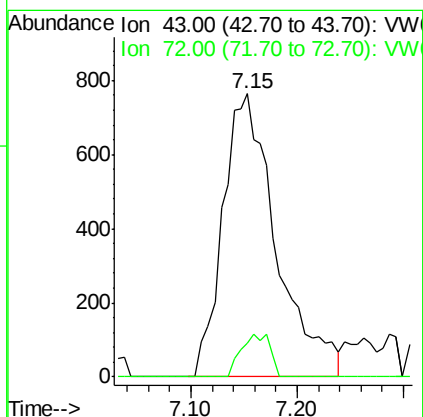
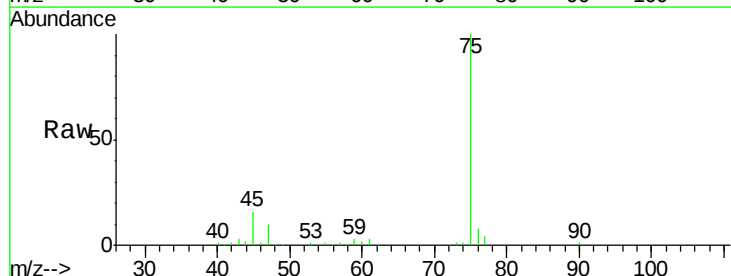
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBL01

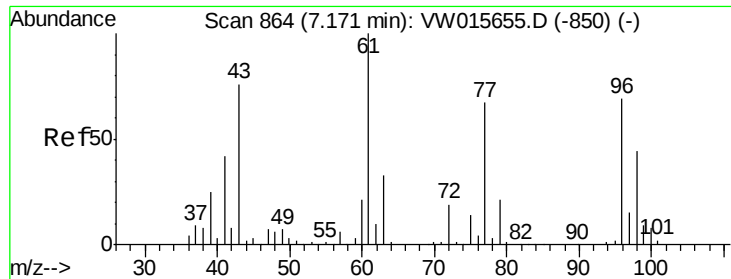
Tgt Ion:	84	Resp:	17684
Ion	Ratio	Lower	Upper
84	100		
49	136.7	99.3	148.9
51	44.1	31.8	47.6
86	64.5	51.7	77.5



#25
2-Butanone
Concen: 5.898 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW015673.D
Acq: 24 Jun 2020 10:52

Tgt Ion:	43	Resp:	2681
Ion	Ratio	Lower	Upper
43	100		
72	12.0	21.1	31.7#

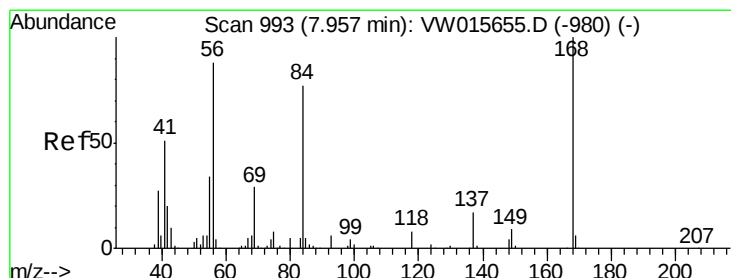
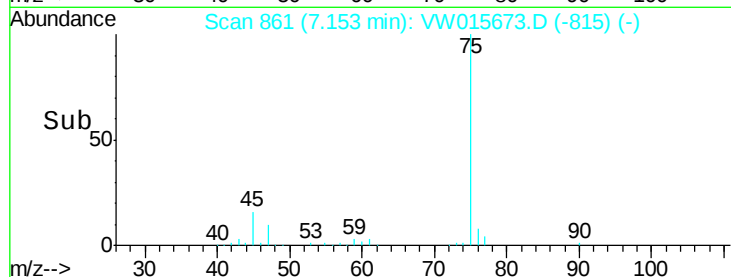
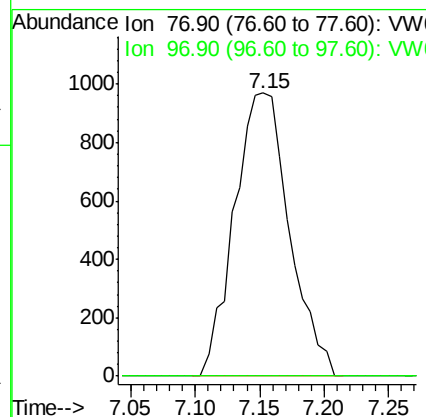
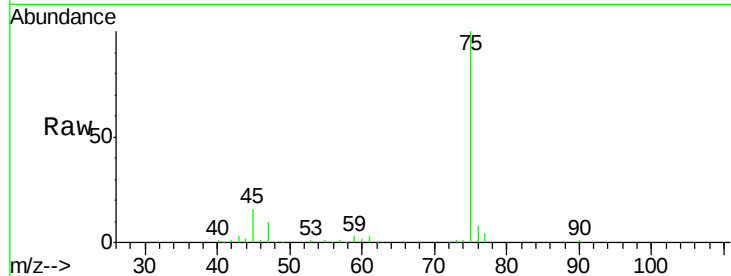




#26
 2,2-Dichloropropane
 Concen: 1.362 ug/l
 RT: 7.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: VW015673.D
 Acq: 24 Jun 2020 10:52

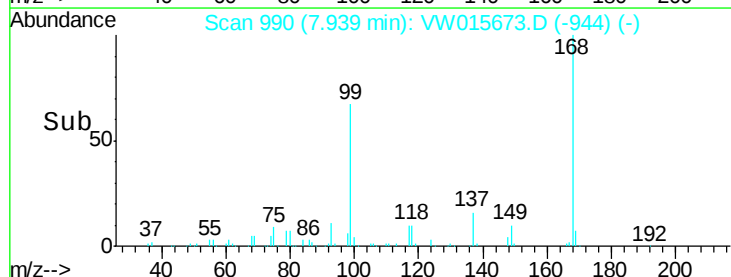
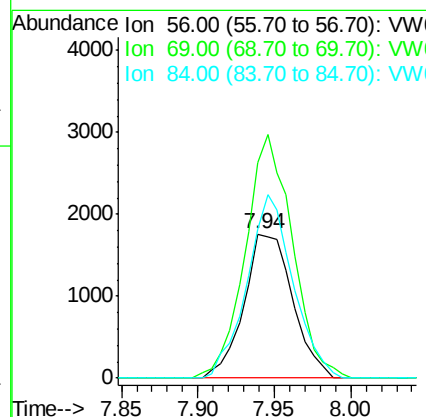
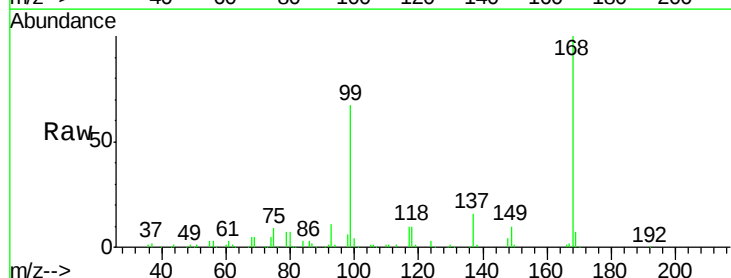
Instrument :
 MSVOA_W
 ClientSampled :
 VW0624SBL01

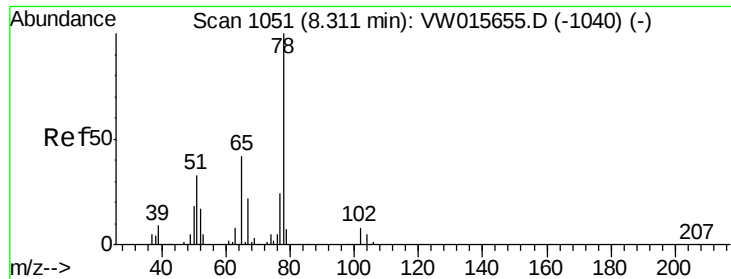
Tgt Ion: 77 Resp: 2879
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.5#



#31
 Cyclohexane
 Concen: 1.279 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: VW015673.D
 Acq: 24 Jun 2020 10:52

Tgt Ion: 56 Resp: 3897
 Ion Ratio Lower Upper
 56 100
 69 149.8 26.2 39.4#
 84 103.1 70.4 105.6





#33

1,2-Dichloroethane-d4

Concen: 55.422 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015673.D

Acq: 24 Jun 2020 10:52

Instrument :

MSVOA_W

ClientSampleId :

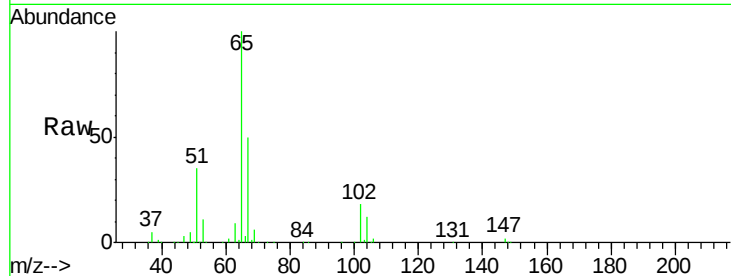
VW0624SBL01

Tgt Ion: 65 Resp: 98052

Ion Ratio Lower Upper

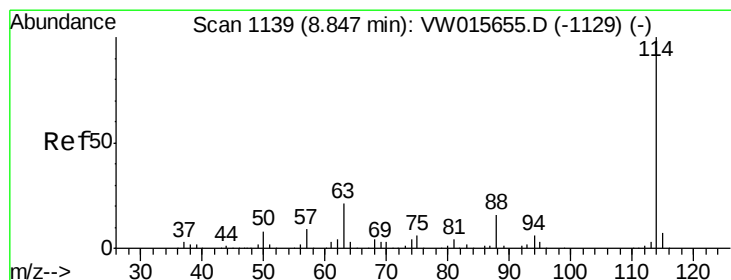
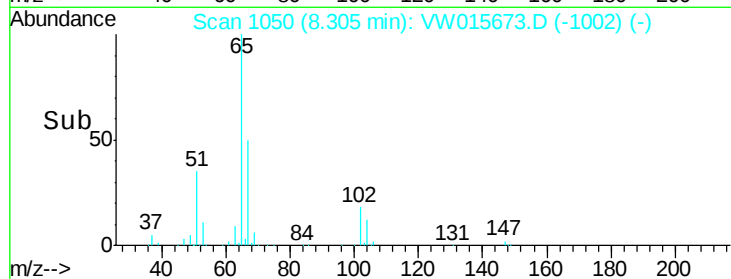
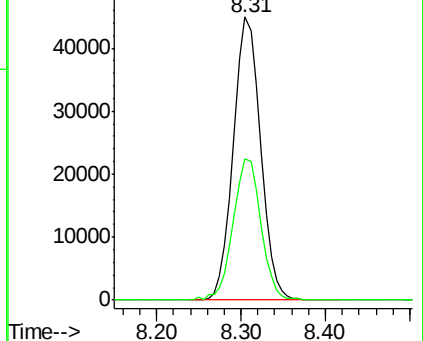
65 100

67 50.8 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: VW015673.D

Acq: 24 Jun 2020 10:52

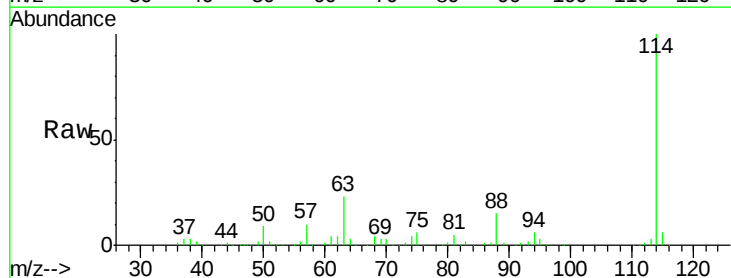
Tgt Ion: 114 Resp: 280434

Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.4

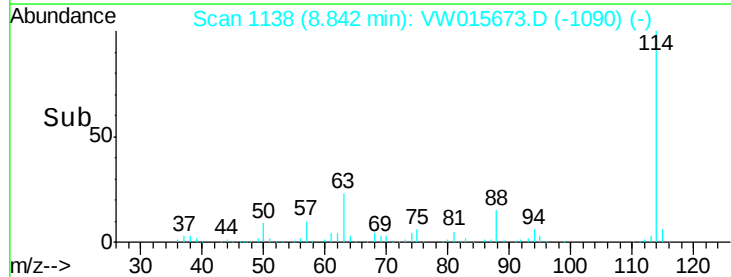
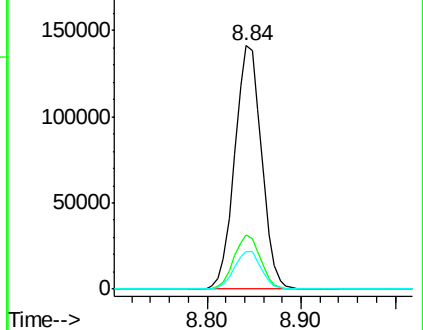
88 15.4 0.0 32.6

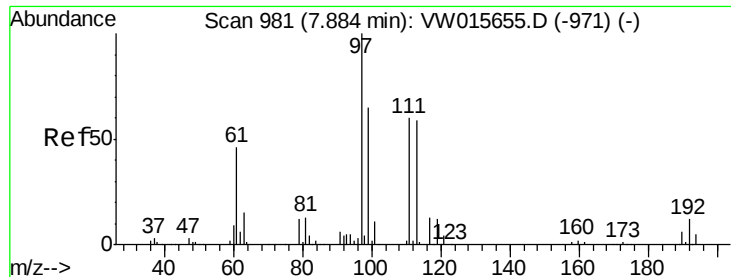


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

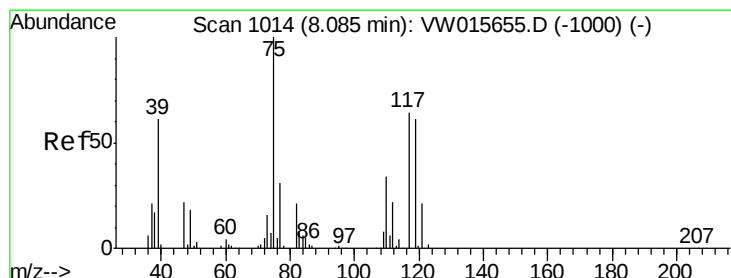
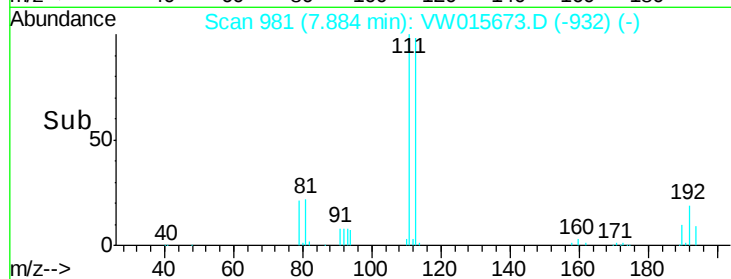
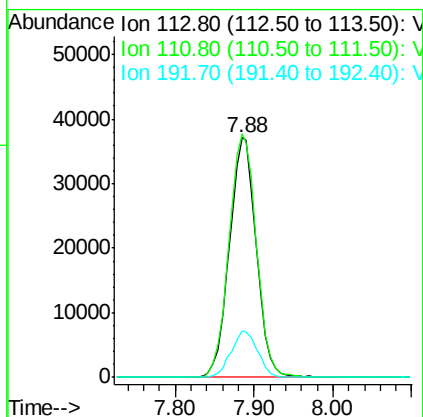
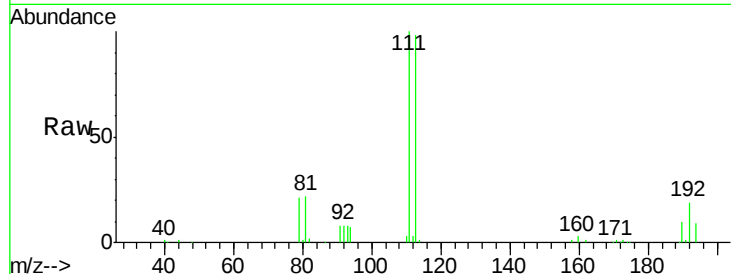




#35
 Dibromofluoromethane
 Concen: 49.599 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015673.D
 Acq: 24 Jun 2020 10:52

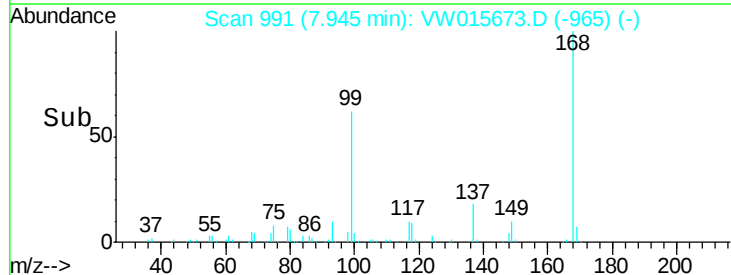
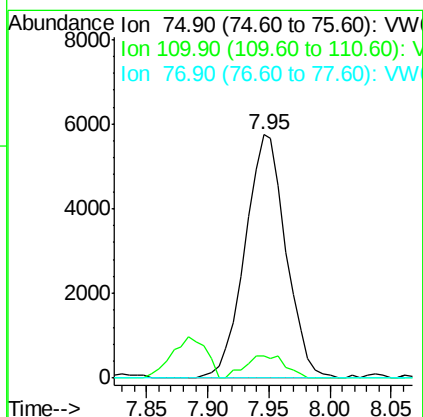
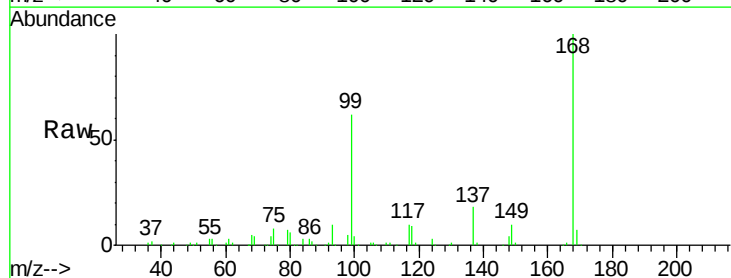
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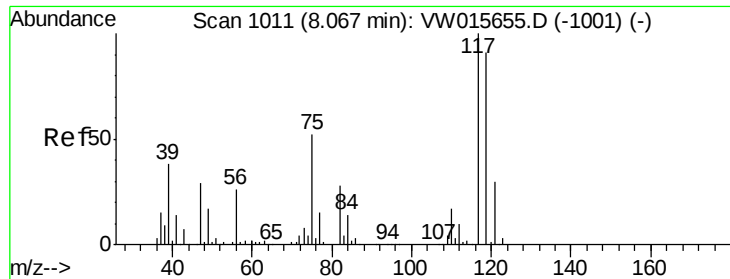
Tgt Ion:113 Resp: 87494
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.3 123.5
 192 19.4 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.580 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015673.D
 Acq: 24 Jun 2020 10:52

Tgt Ion: 75 Resp: 13358
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.0 51.0#
 77 0.0 24.6 36.8#

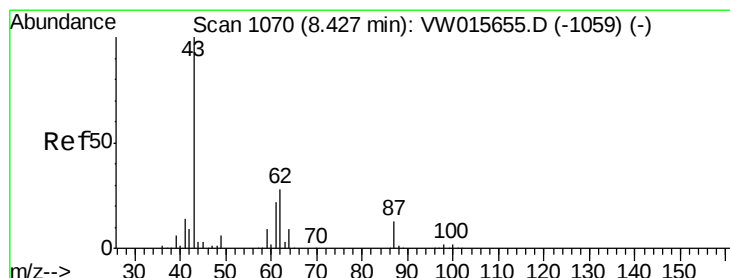
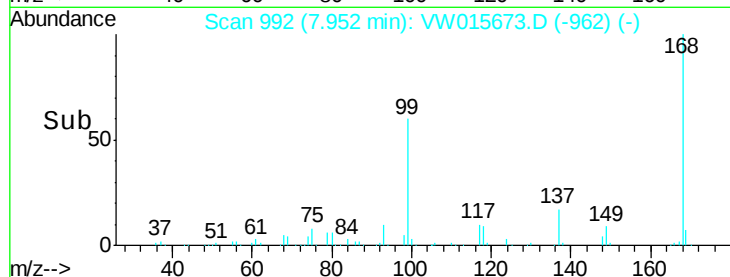
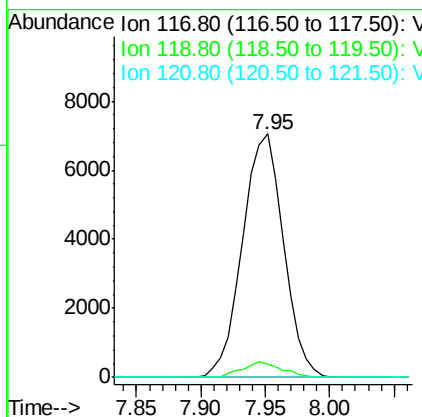
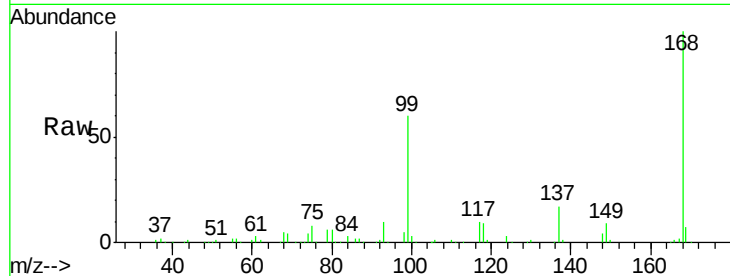




#38
 Carbon Tetrachloride
 Concen: 5.504 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015673.D
 Acq: 24 Jun 2020 10:52

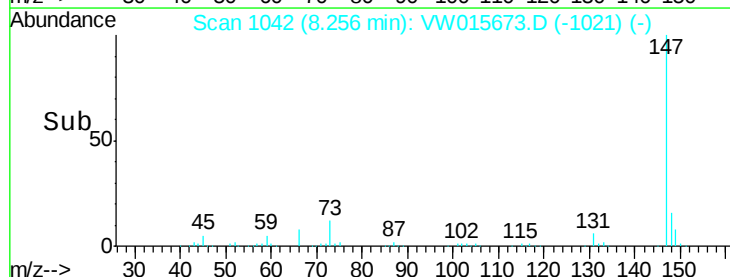
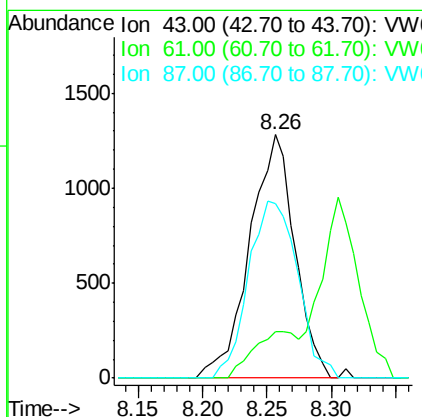
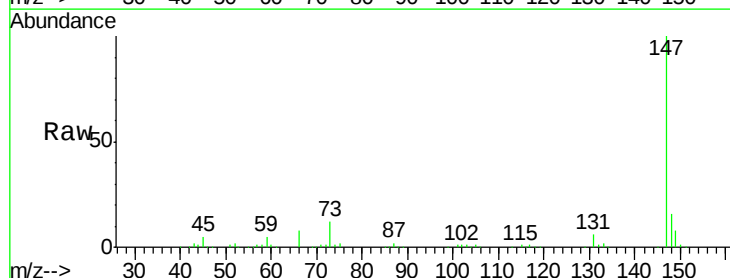
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 ClientSampleId :
 VW0624SBL01

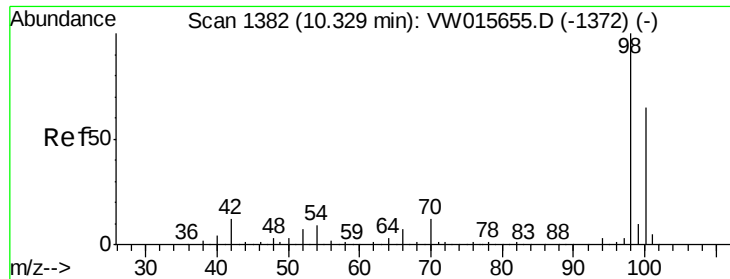
Tgt Ion: 117 Resp: 15563
 Ion Ratio Lower Upper
 117 100
 119 5.2 73.2 109.8#
 121 0.0 23.9 35.9#



#43
 Isopropyl Acetate
 Concen: 1.398 ug/l
 RT: 8.26 min Scan# 1042
 Delta R.T. -0.17 min
 Lab File: VW015673.D
 Acq: 24 Jun 2020 10:52

Tgt Ion: 43 Resp: 3108
 Ion Ratio Lower Upper
 43 100
 61 19.2 24.7 37.1#
 87 79.4 10.2 15.2#





#50

Toluene-d8

Concen: 49.477 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015673.D

Acq: 24 Jun 2020 10:52

Instrument :

MSVOA_W

ClientSampleId :

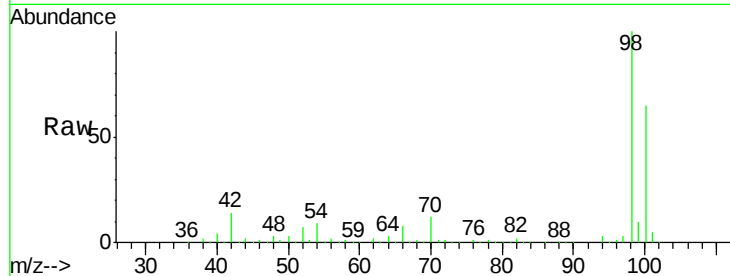
VW0624SBL01

Tgt Ion: 98 Resp: 343471

Ion Ratio Lower Upper

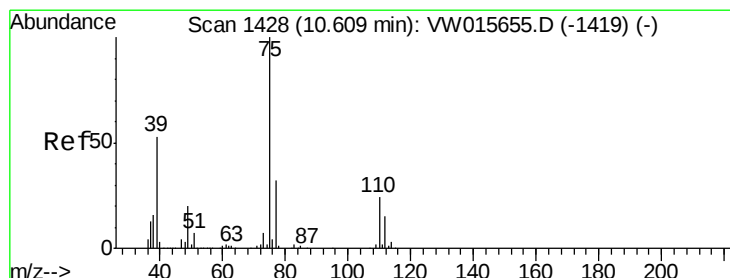
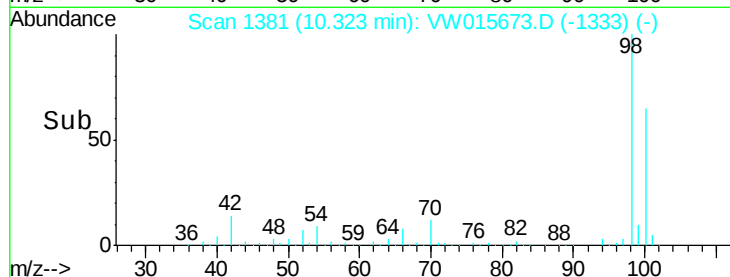
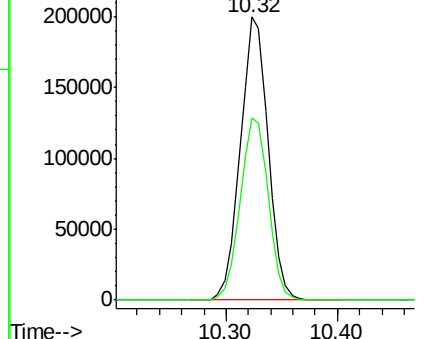
98 100

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



#53

t-1,3-Dichloropropene

Concen: 2.167 ug/l

RT: 10.71 min Scan# 1444

Delta R.T. 0.10 min

Lab File: VW015673.D

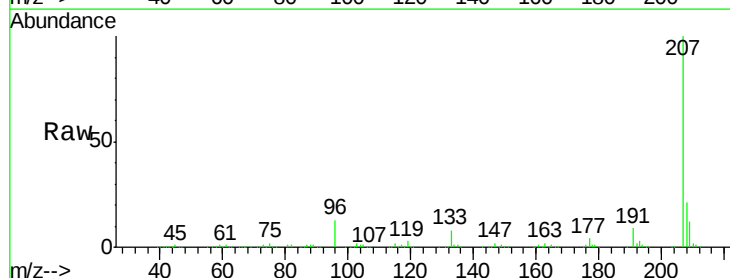
Acq: 24 Jun 2020 10:52

Tgt Ion: 75 Resp: 5478

Ion Ratio Lower Upper

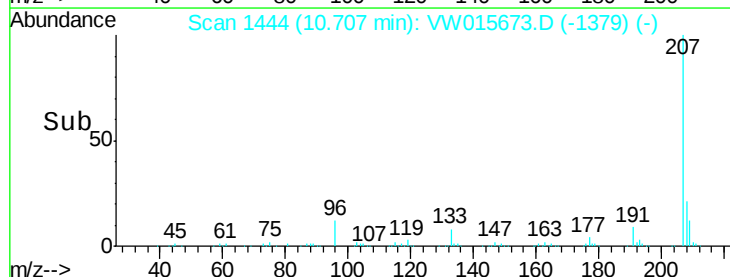
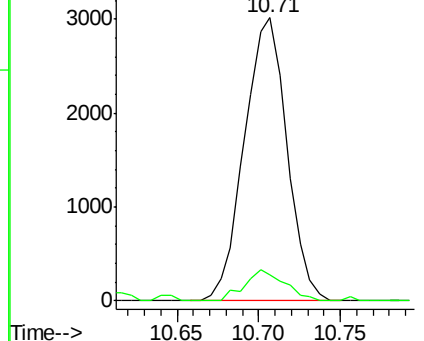
75 100

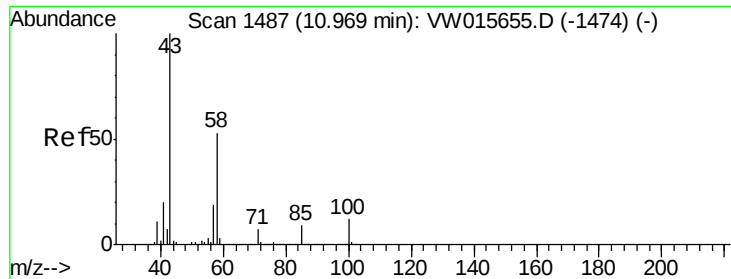
77 9.1 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW





#59

2-Hexanone

Concen: 1.497 ug/l

RT: 10.70 min Scan# 1443

Delta R.T. -0.27 min

Lab File: VW015673.D

Acq: 24 Jun 2020 10:52

Instrument :

MSVOA_W

ClientSampleId :

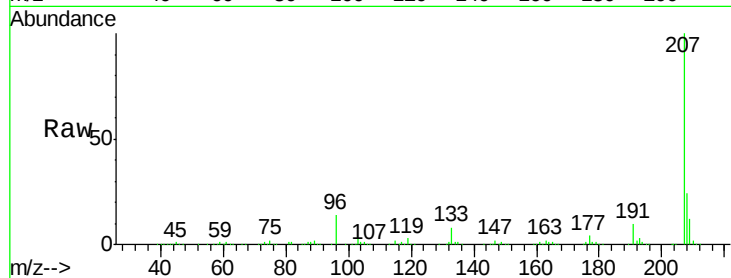
VW0624SBL01

Tgt Ion: 43 Resp: 1092

Ion Ratio Lower Upper

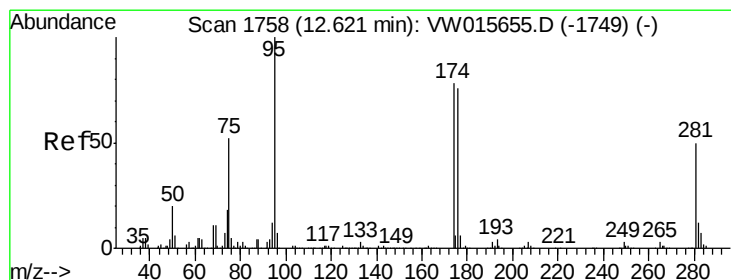
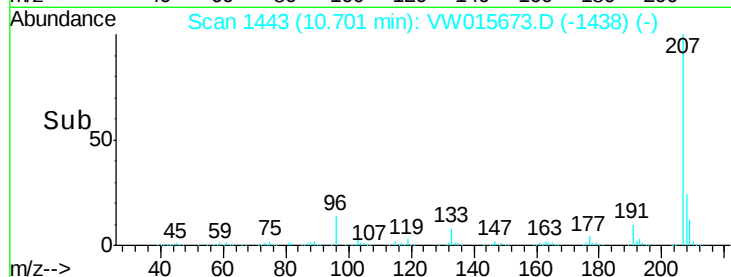
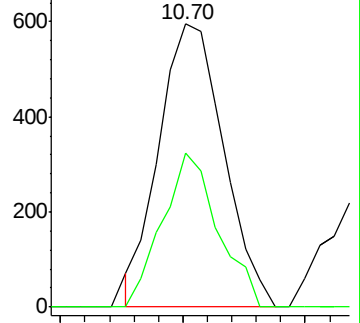
43 100

58 46.9 26.5 79.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 45.075 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015673.D

Acq: 24 Jun 2020 10:52

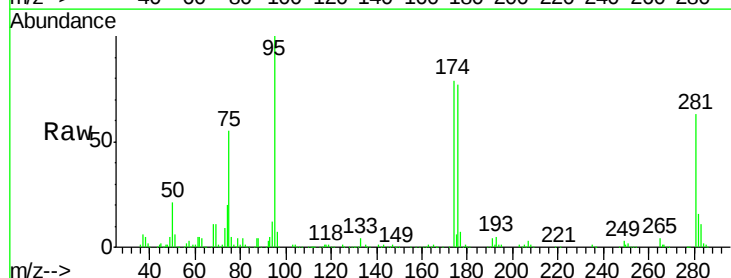
Tgt Ion: 95 Resp: 115238

Ion Ratio Lower Upper

95 100

174 76.4 0.0 157.0

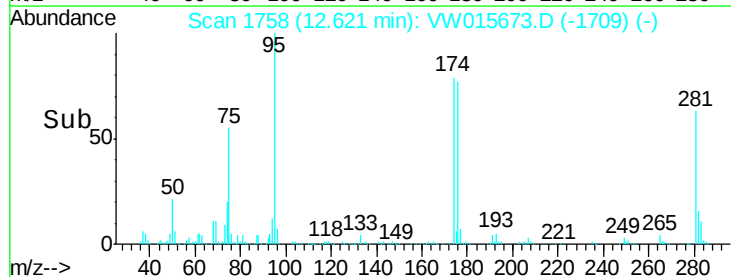
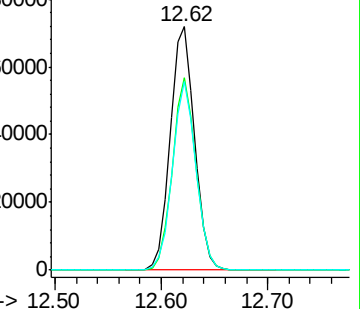
176 75.1 0.0 151.4

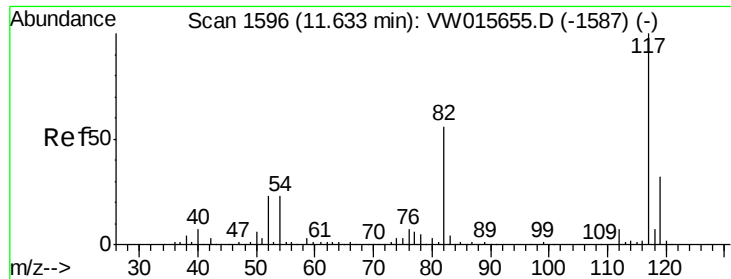


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

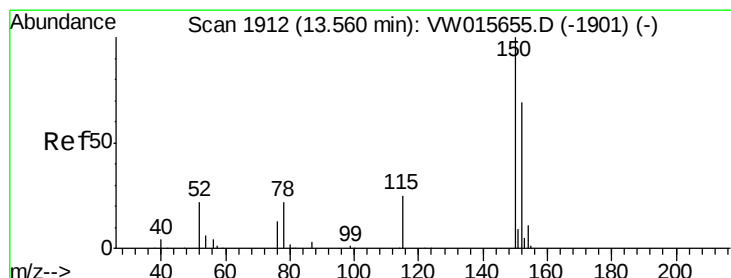
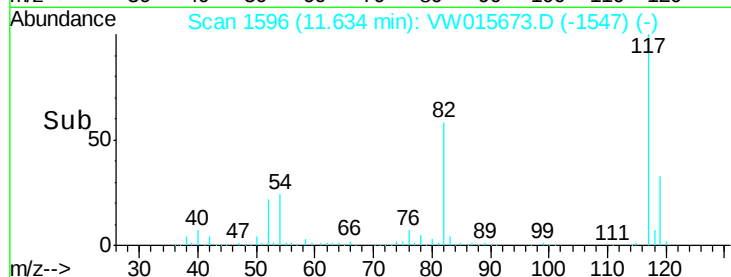
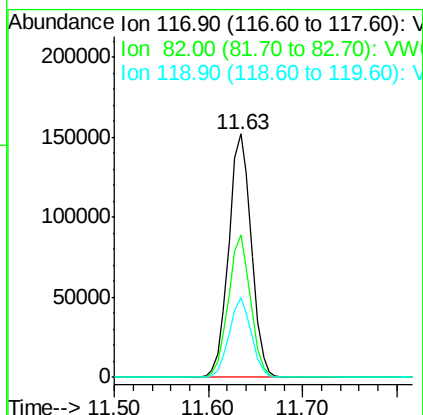
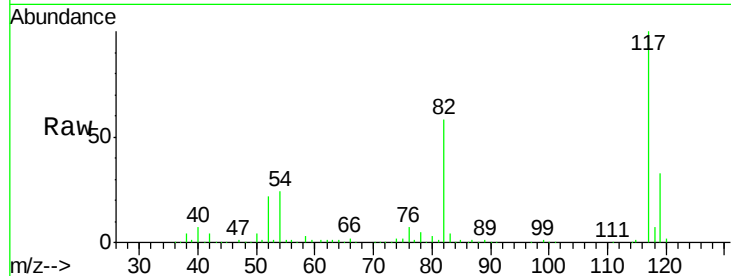




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015673.D
Acq: 24 Jun 2020 10:52

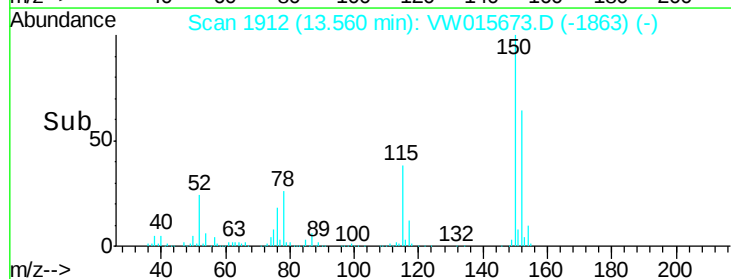
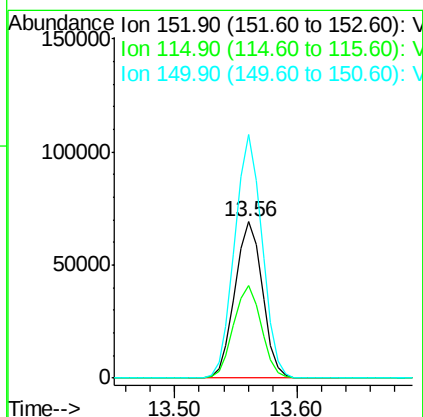
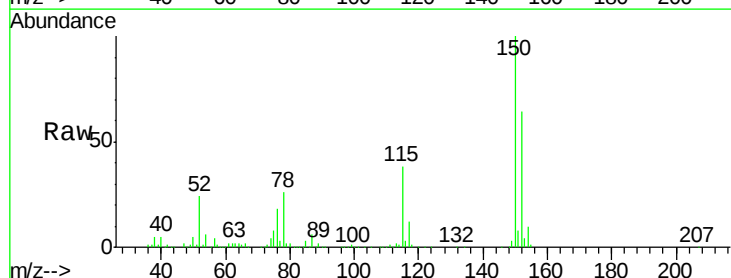
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBL01

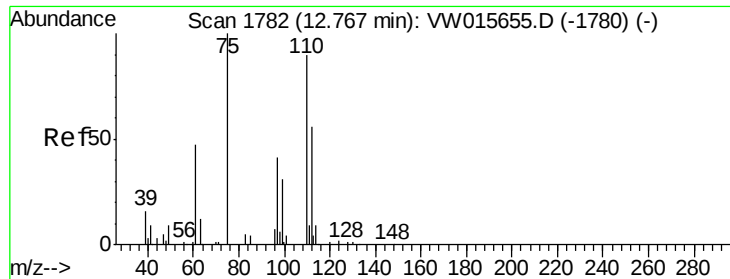
Tgt Ion:117 Resp: 252995
Ion Ratio Lower Upper
117 100
82 58.4 45.1 67.7
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015673.D
Acq: 24 Jun 2020 10:52

Tgt Ion:152 Resp: 108181
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.5
150 154.7 0.0 345.6

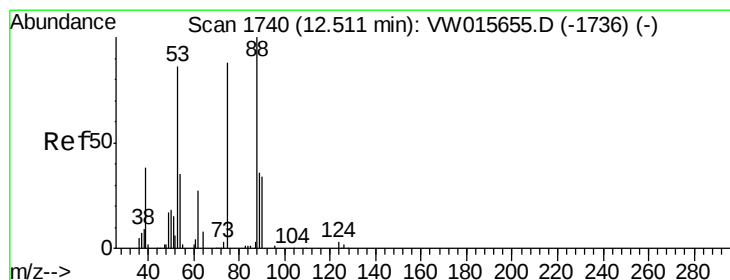
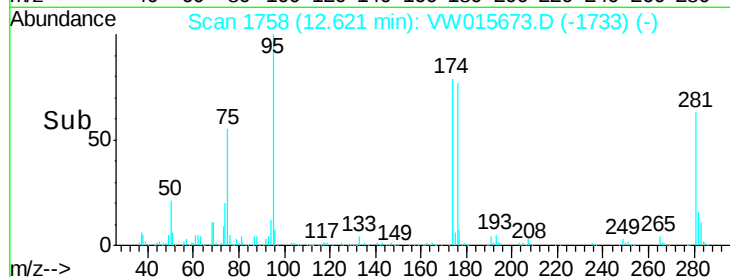
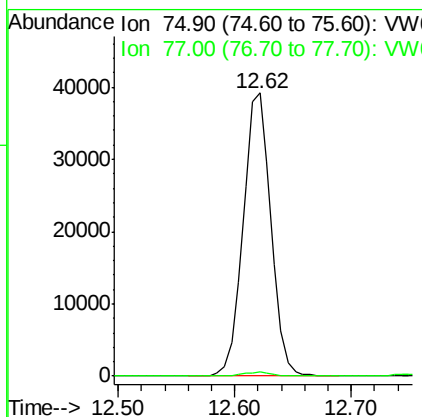
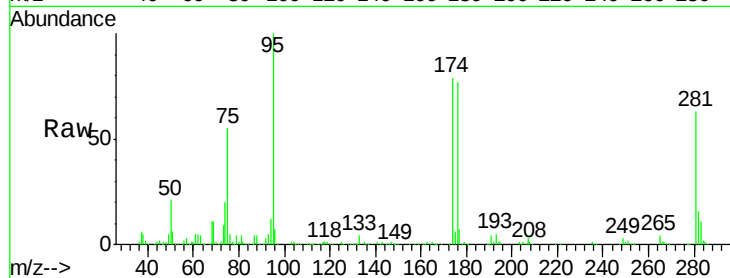




#76
 1,2,3-Trichloropropane
 Concen: 65.818 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW015673.D
 Acq: 24 Jun 2020 10:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBL01

Tgt Ion: 75 Resp: 64947
 Ion Ratio Lower Upper
 75 100
 77 1.3 179.1 537.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 165.862 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW015673.D
 Acq: 24 Jun 2020 10:52

Tgt Ion: 75 Resp: 64947
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.8 125.8#
 89 0.9 36.6 55.0#

