

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015819.D
 Acq On : 08 Jul 2020 19:26
 Operator : SY/VA
 Sample : L3186-01
 Misc : 8.26G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070820

Quant Time: Jul 09 04:44:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	161157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	286385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	101210	60.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.98%	
35) Dibromofluoromethane	7.89	113	89089	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.32	98	348794	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.62	95	117724	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

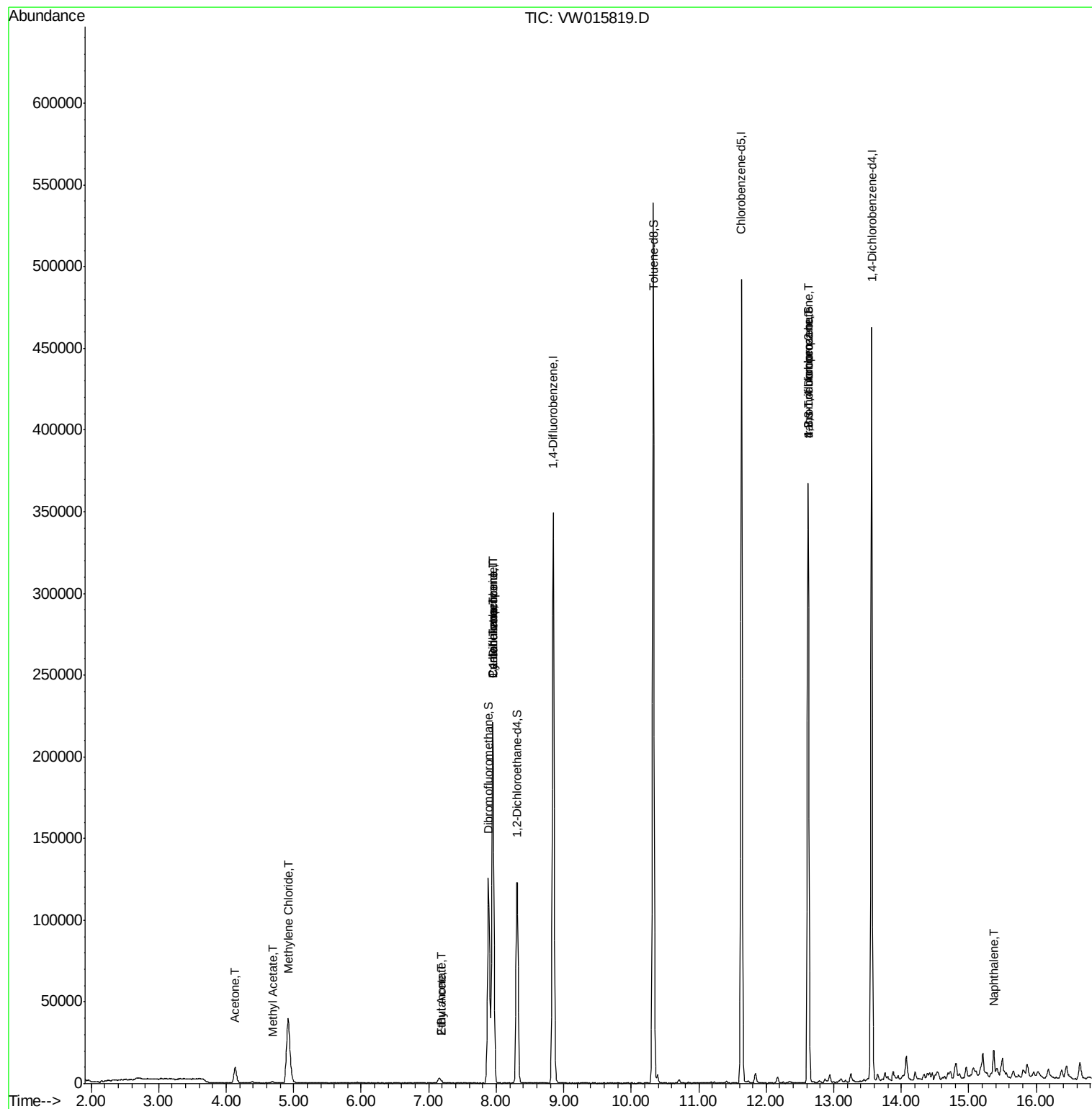
					Qvalue
11) Tert butyl alcohol	5.20	59	61	Below Cal	# 71
16) Acetone	4.14	43	17611	56.716	ug/l 98
18) Methyl Acetate	4.68	43	2073	2.934	ug/l 94
20) Methylene Chloride	4.92	84	34080	18.494	ug/l 97
25) 2-Butanone	7.19	43	1967	4.667	ug/l 99
31) Cyclohexane	7.95	56	4029	1.402	ug/l # 23
36) 1,1-Dichloropropene	7.95	75	13919	4.930	ug/l # 51
37) Ethyl Acetate	7.19	43	1967	1.793	ug/l # 69
38) Carbon Tetrachloride	7.95	117	16651	6.095	ug/l # 17
76) 1,2,3-Trichloropropane	12.62	75	64823	63.984	ug/l # 1
81) trans-1,4-Dichloro-2-buten	12.62	75	64823	138.017	ug/l # 7
95) Naphthalene	15.37	128	13407	6.208	ug/l 98

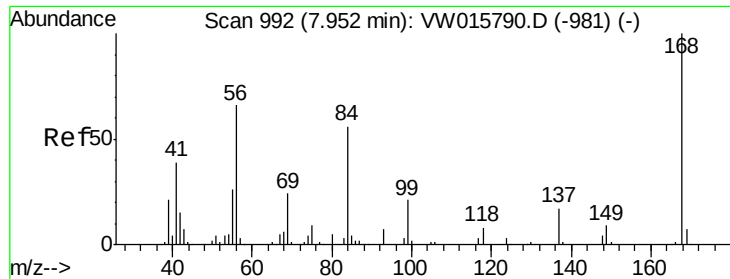
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 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: VW015819.D

Acq: 08 Jul 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

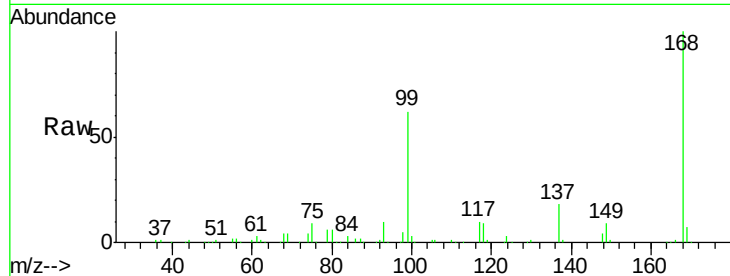
OR-02-070820

Tot Ion:168 Resp: 161157

Ion Ratio Lower Upper

168 100

99 62.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

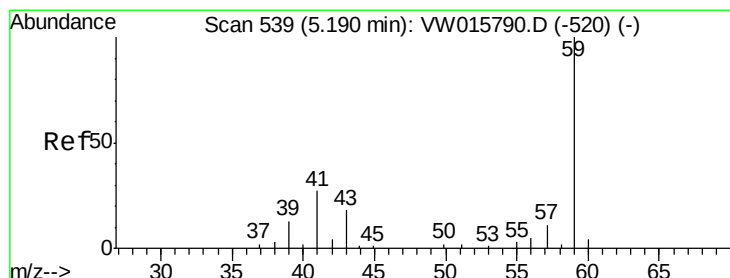
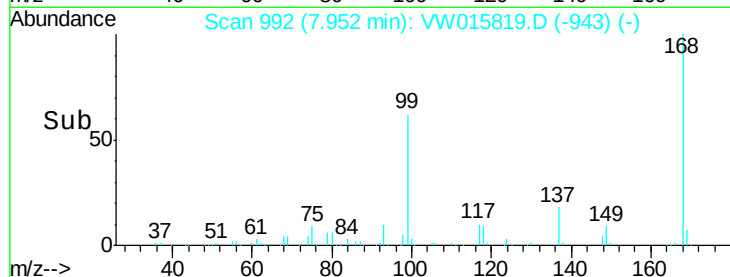
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 540

Delta R.T. 0.01 min

Lab File: VW015819.D

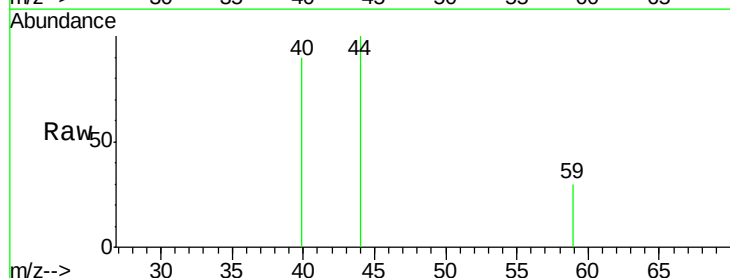
Acq: 08 Jul 2020 19:26

Tgt Ion: 59 Resp: 61

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

60

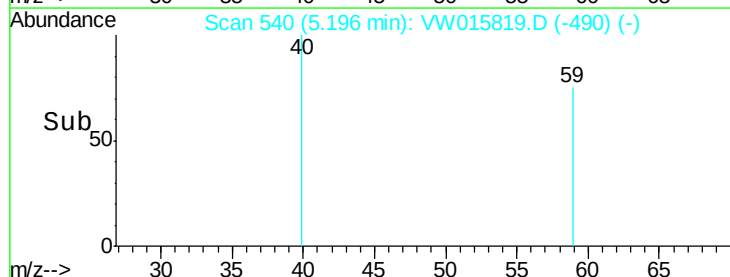
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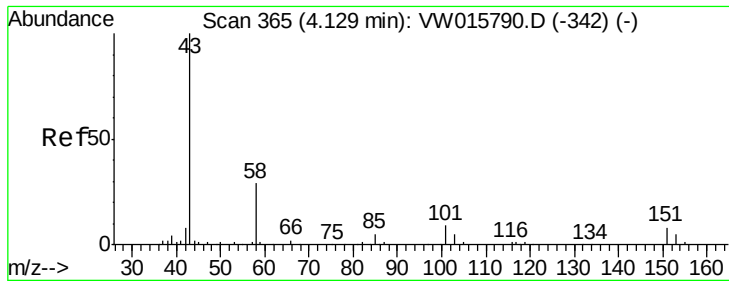
20

0

5.16 5.18 5.20 5.22

Time-->

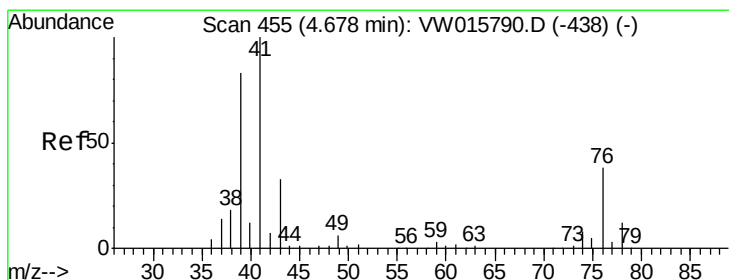
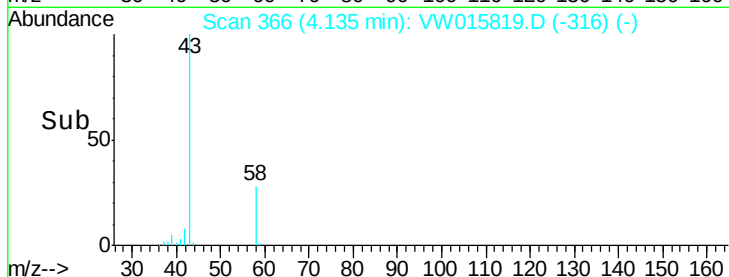
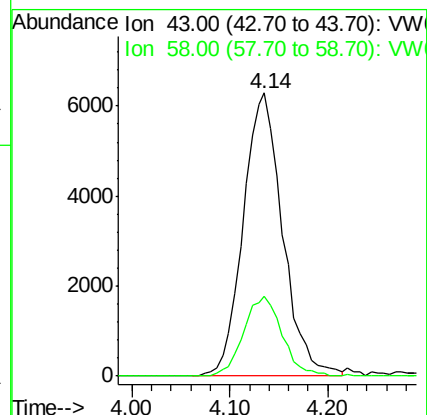
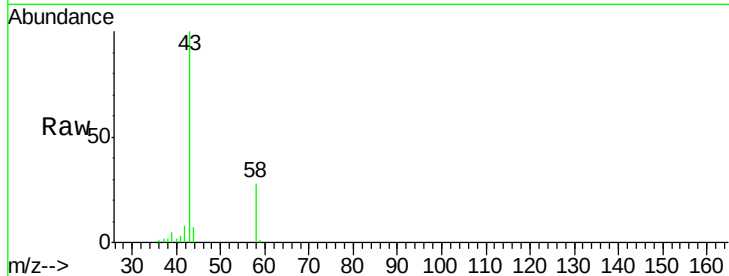




#16
Acetone
Concen: 56.716 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

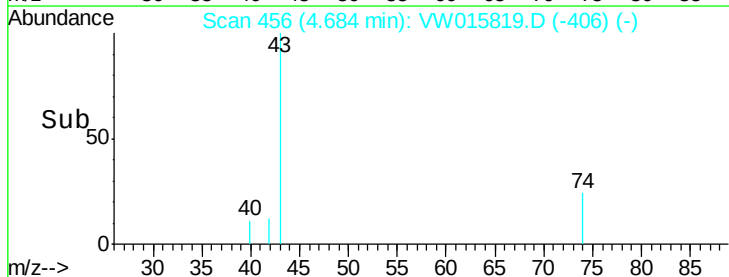
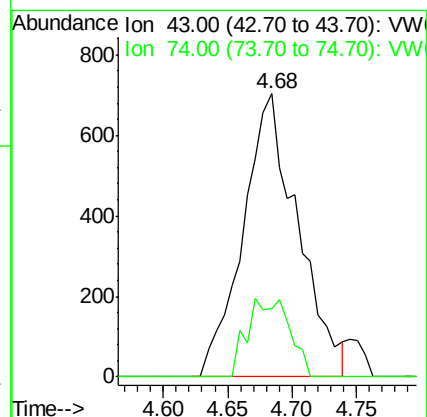
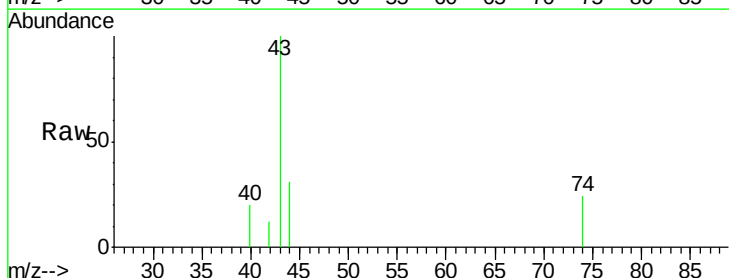
Instrument :
MSVOA_W
ClientSampleId :
OR-02-070820

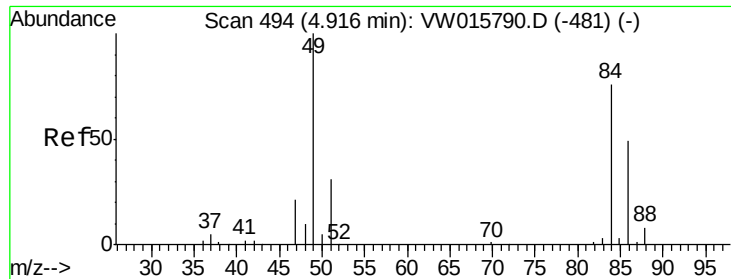
Tot Ion: 43 Resp: 17611
Ion Ratio Lower Upper
43 100
58 28.2 23.5 35.3



#18
Methyl Acetate
Concen: 2.934 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

Tgt Ion: 43 Resp: 2073
Ion Ratio Lower Upper
43 100
74 21.3 19.2 28.8

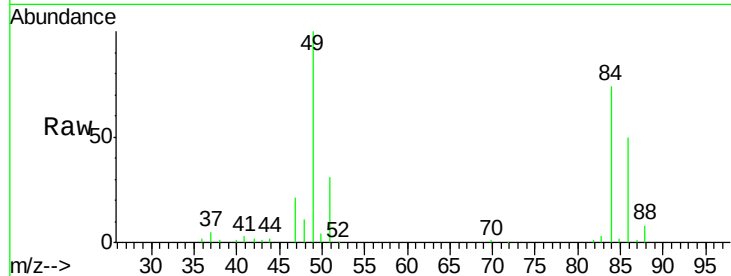




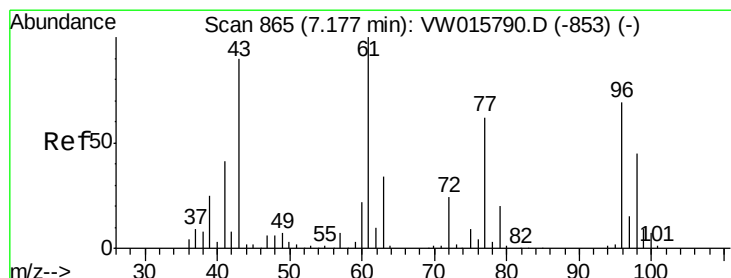
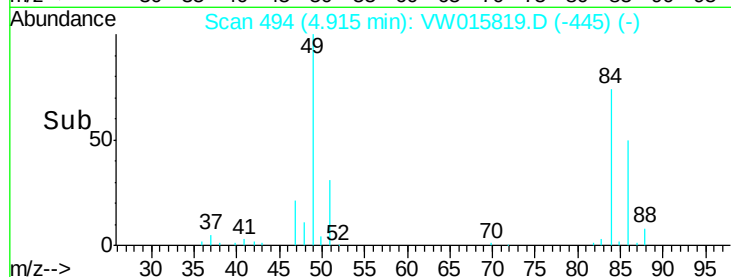
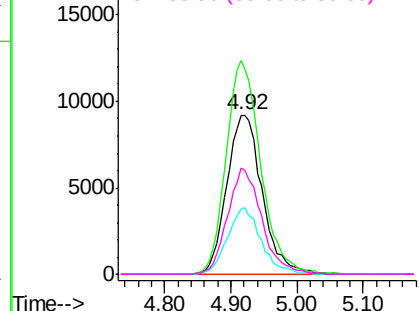
#20
Methylene Chloride
Concen: 18.494 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

Instrument :
MSVOA_W
ClientSampleId :
OR-02-070820

Tot Ion: 84 Resp: 34080
Ion Ratio Lower Upper
84 100
49 134.5 105.0 157.6
51 41.3 32.3 48.5
86 67.0 51.2 76.8

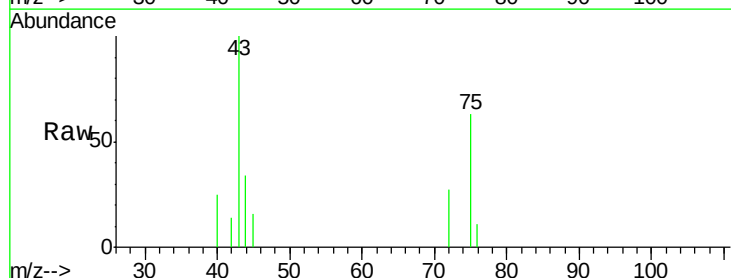


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

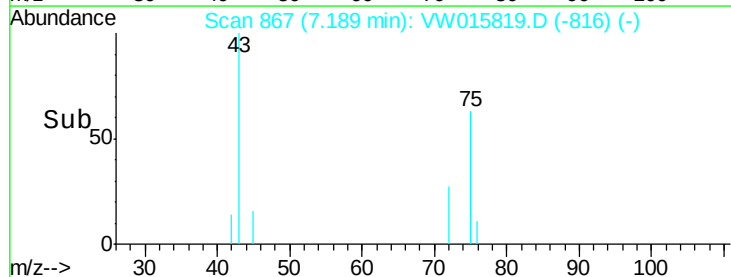
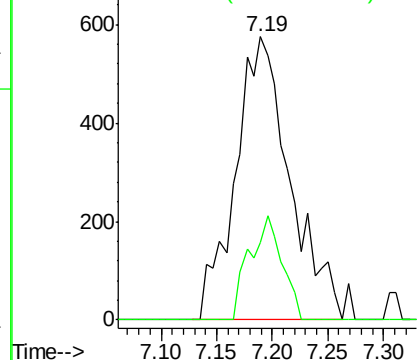


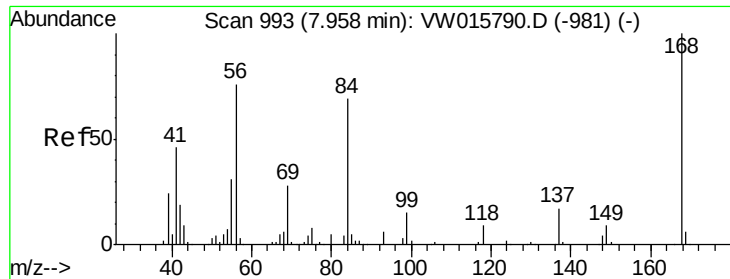
#25
2-Butanone
Concen: 4.667 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

Tgt Ion: 43 Resp: 1967
Ion Ratio Lower Upper
43 100
72 27.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

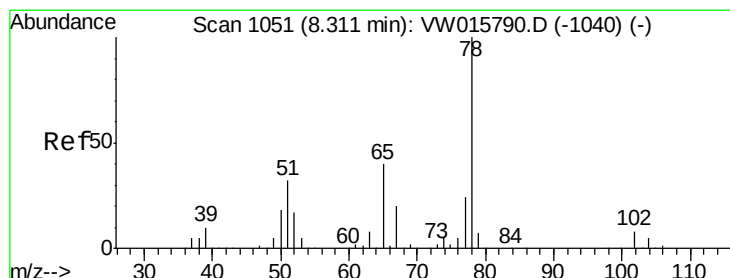
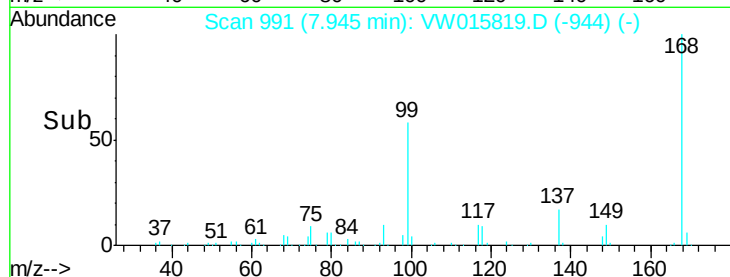
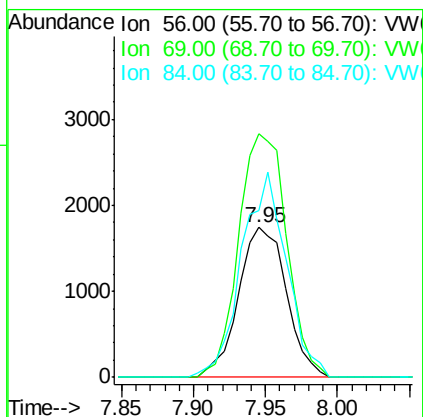
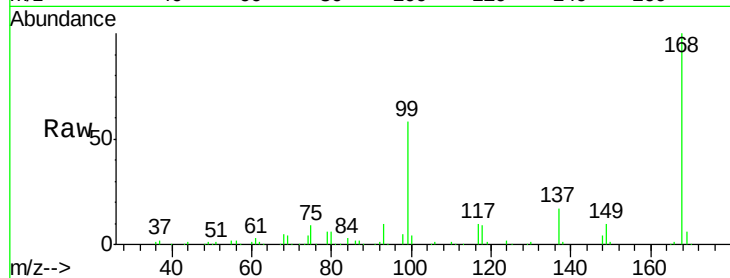




#31
Cyclohexane
Concen: 1.402 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

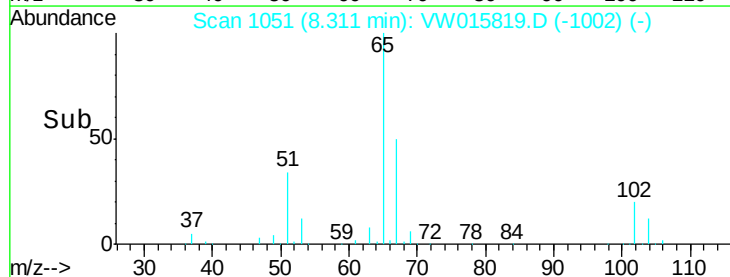
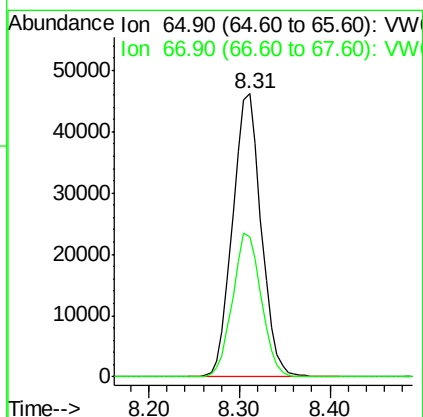
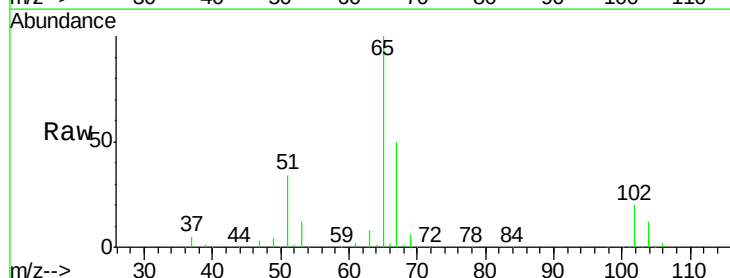
Instrument :
MSVOA_W
ClientSampleId :
OR-02-070820

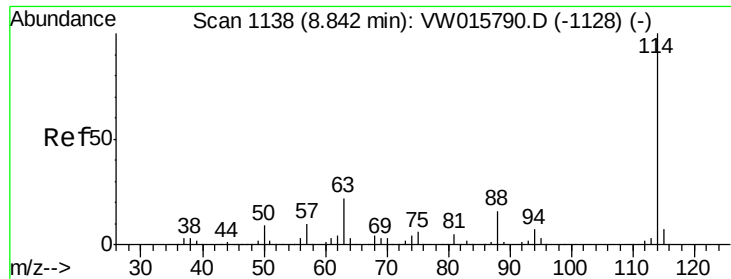
Tot Ion: 56 Resp: 4029
Ion Ratio Lower Upper
56 100
69 162.2 28.9 43.3#
84 110.8 72.2 108.4#



#33
1,2-Dichloroethane-d4
Concen: 60.988 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

Tgt Ion: 65 Resp: 101210
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015819.D

Acq: 08 Jul 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

OR-02-070820

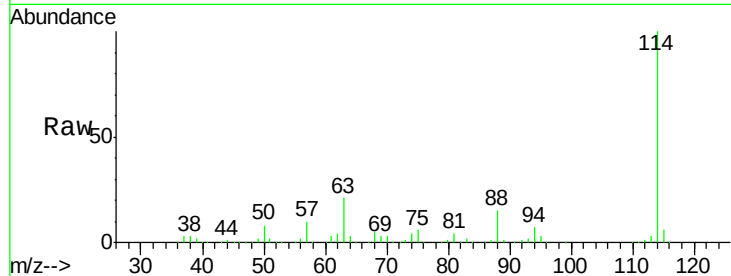
Tot Ion:114 Resp: 286385

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.4

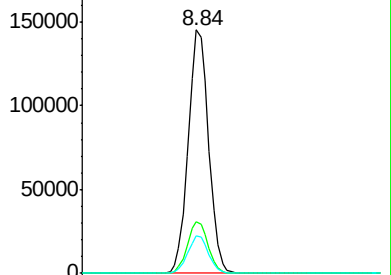
88 15.4 0.0 32.6



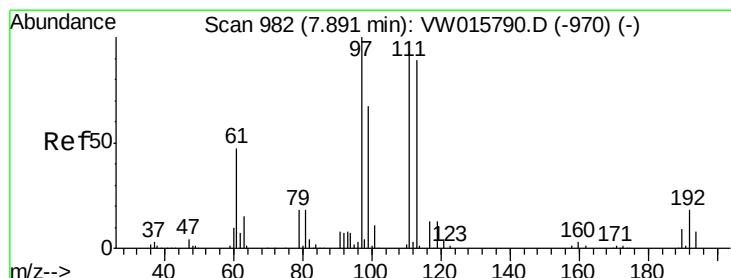
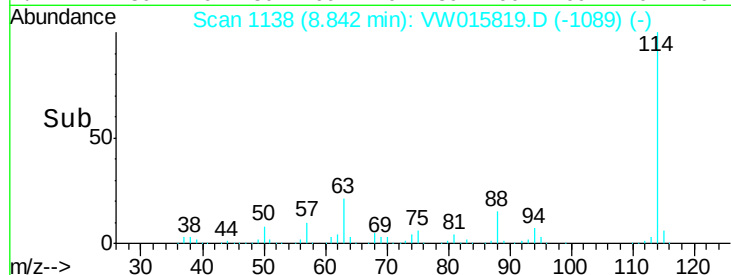
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time-->



#35

Dibromofluoromethane

Concen: 53.321 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015819.D

Acq: 08 Jul 2020 19:26

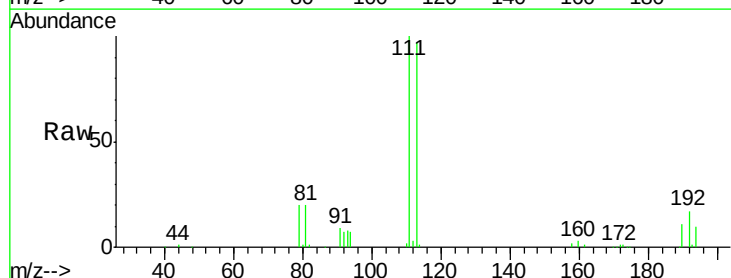
Tgt Ion:113 Resp: 89089

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

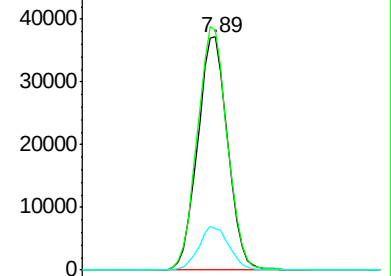
192 18.8 15.4 23.2



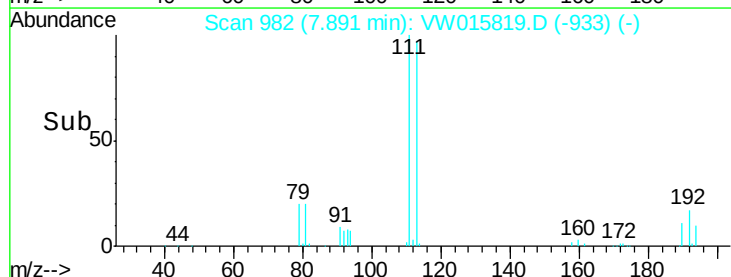
Abundance Ion 112.80 (112.50 to 113.50): V

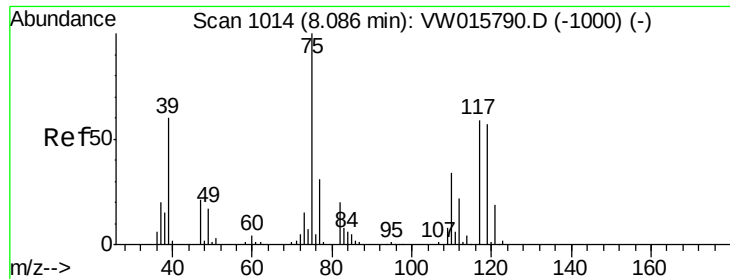
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->

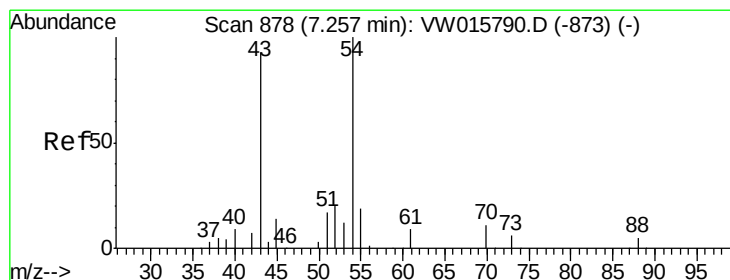
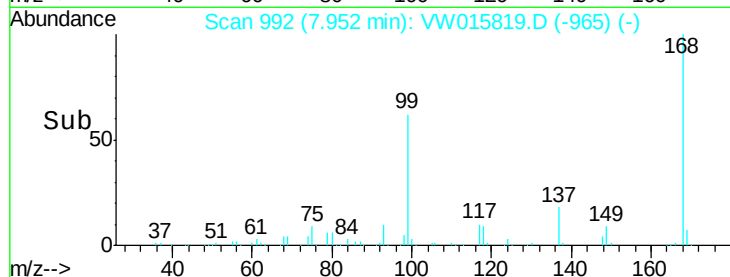
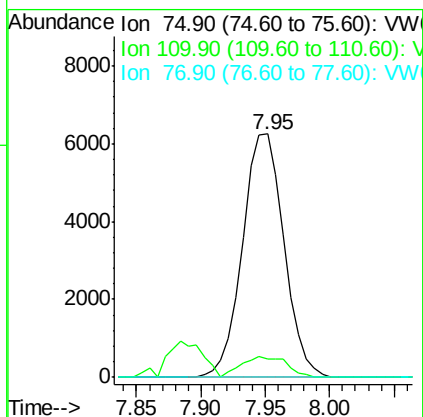
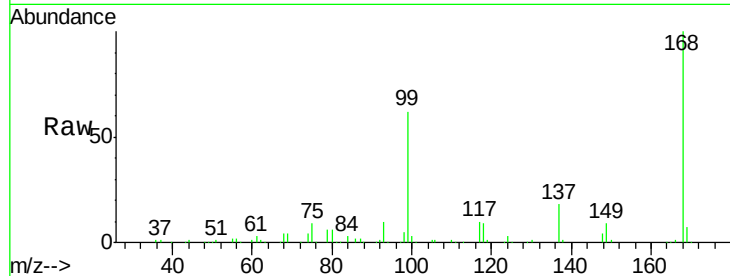




#36
 1,1-Dichloropropene
 Concen: 4.930 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015819.D
 Acq: 08 Jul 2020 19:26

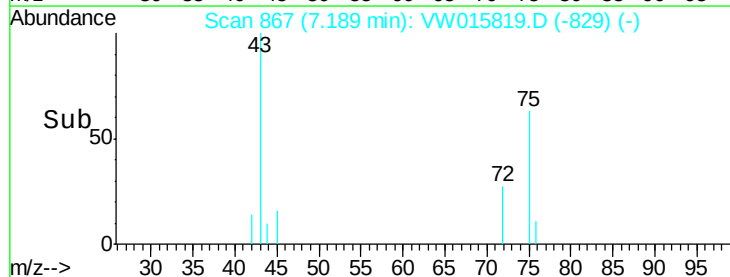
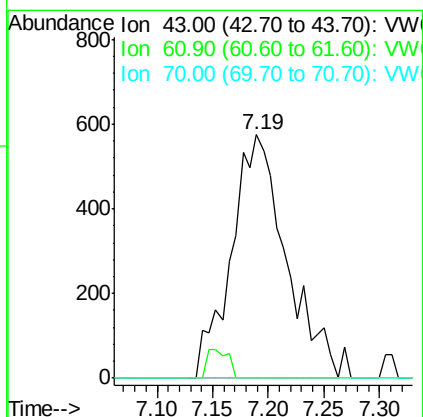
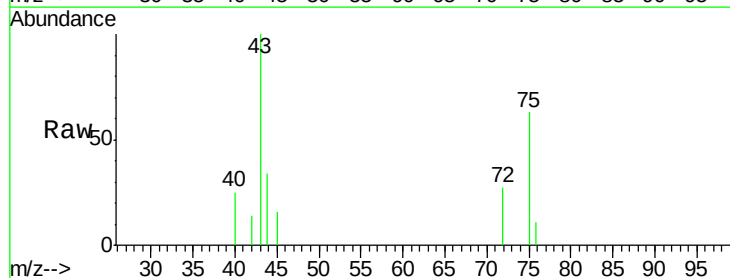
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070820

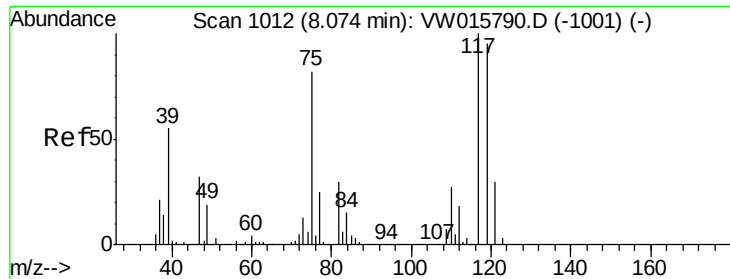
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.8	50.3#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 1.793 ug/l
 RT: 7.19 min Scan# 867
 Delta R.T. -0.07 min
 Lab File: VW015819.D
 Acq: 08 Jul 2020 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	8.4	12.6#





#38

Carbon Tetrachloride

Concen: 6.095 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW015819.D

Acq: 08 Jul 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

OR-02-070820

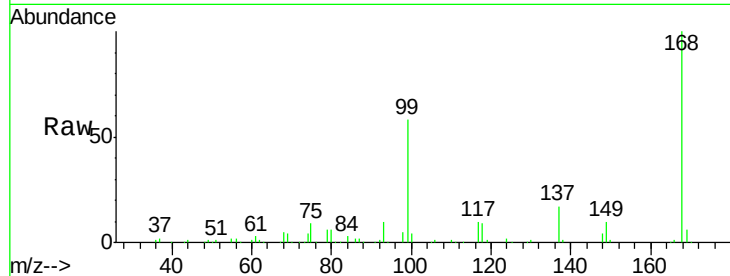
Tot Ion:117 Resp: 16651

Ion Ratio Lower Upper

117 100

119 6.1 76.3 114.5#

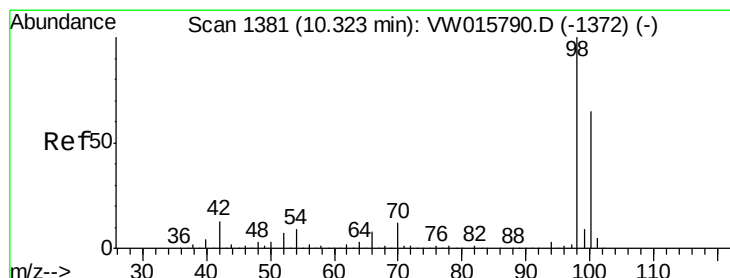
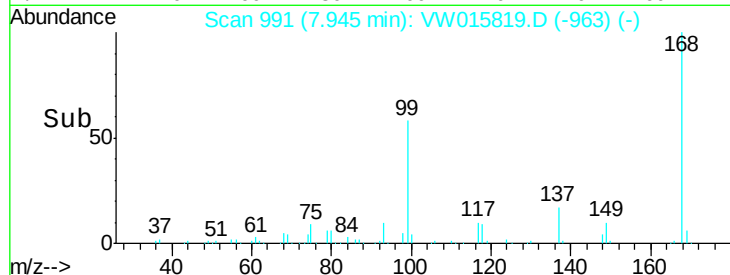
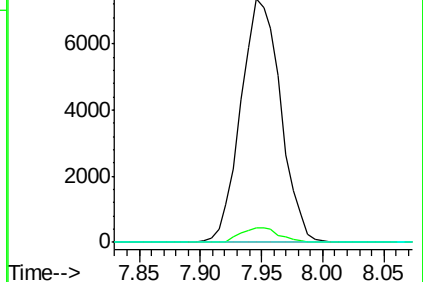
121 0.0 24.0 36.0#



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: 54.347 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015819.D

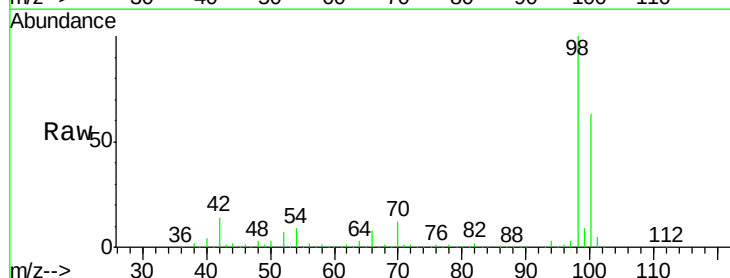
Acq: 08 Jul 2020 19:26

Tgt Ion: 98 Resp: 348794

Ion Ratio Lower Upper

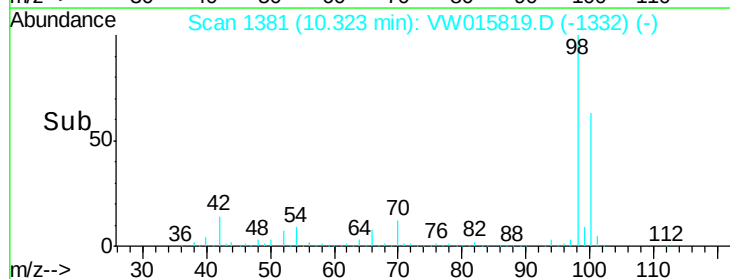
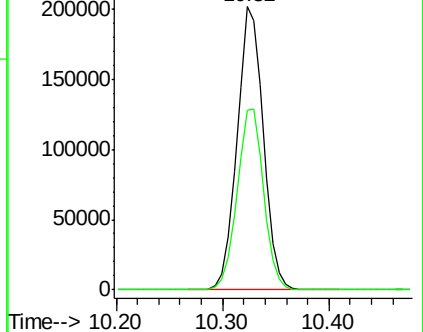
98 100

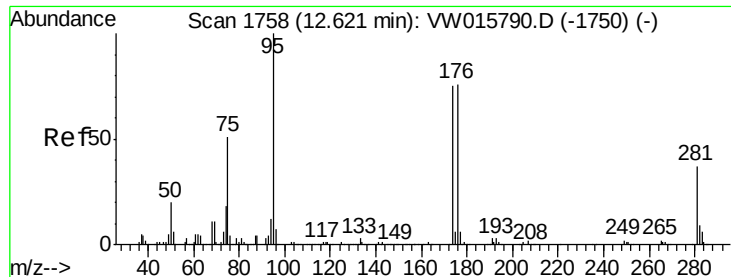
100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

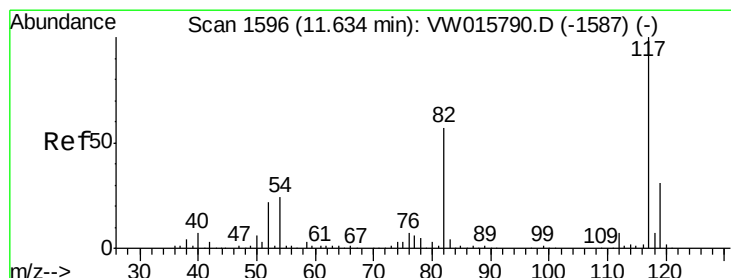
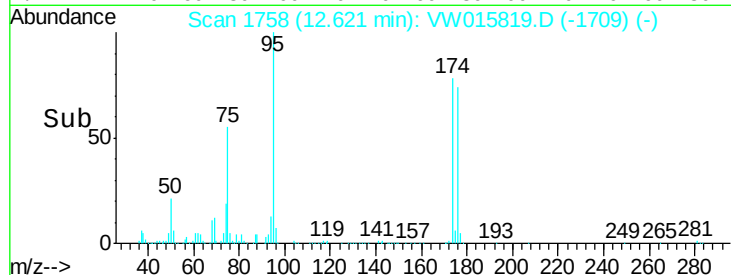
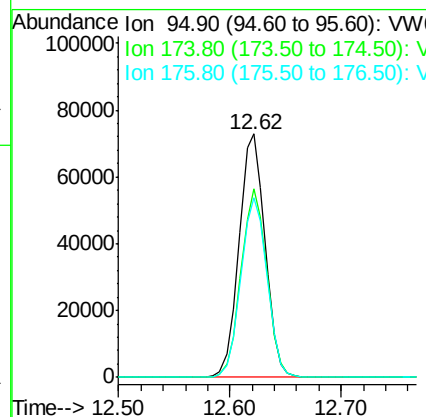
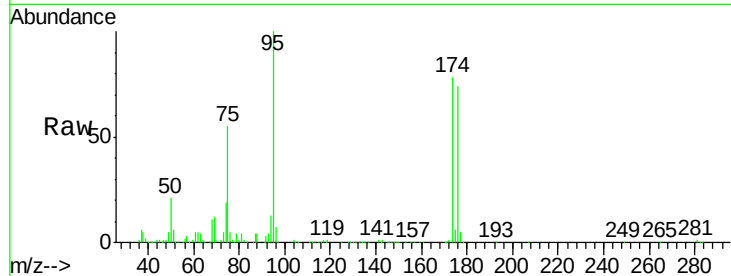




#62
4-Bromofluorobenzene
Concen: 49.989 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

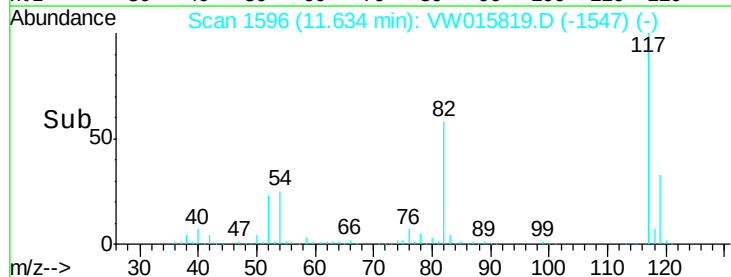
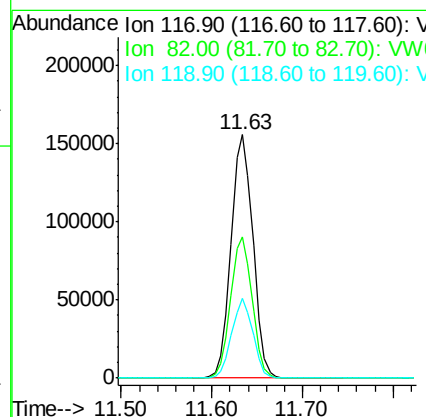
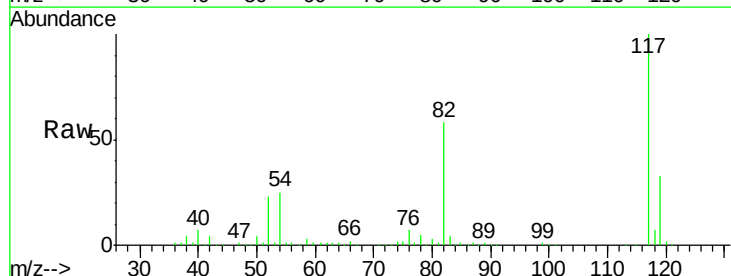
Instrument :
MSVOA_W
ClientSampleId :
OR-02-070820

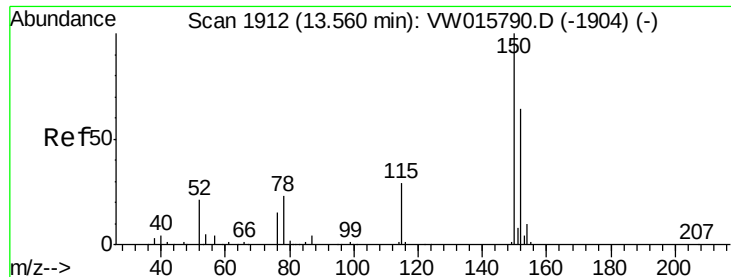
Tot Ion: 95 Resp: 117724
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.2
176 74.2 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

Tgt Ion: 117 Resp: 260460
Ion Ratio Lower Upper
117 100
82 58.1 45.5 68.3
119 32.7 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015819.D

Acq: 08 Jul 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

OR-02-070820

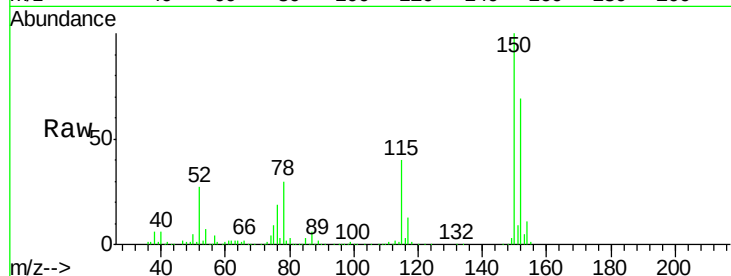
Tot Ion:152 Resp: 115275

Ion Ratio Lower Upper

152 100

115 60.1 29.9 89.7

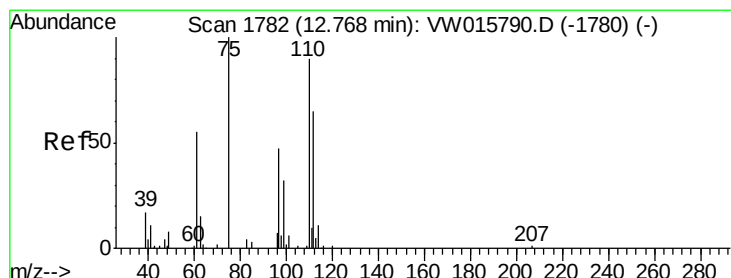
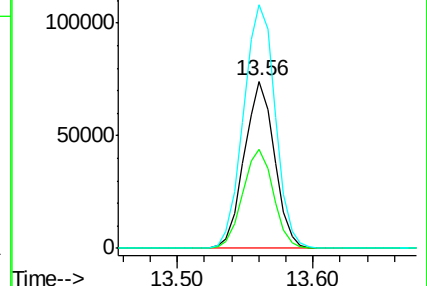
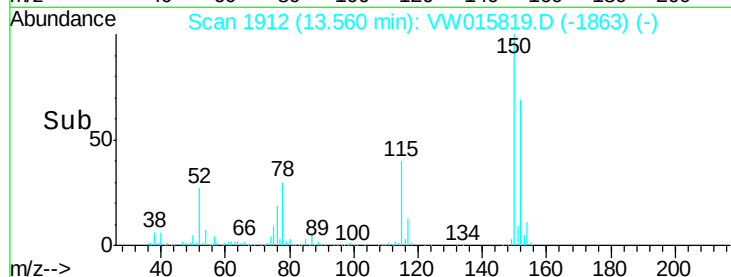
150 153.1 0.0 350.8



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: 63.984 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015819.D

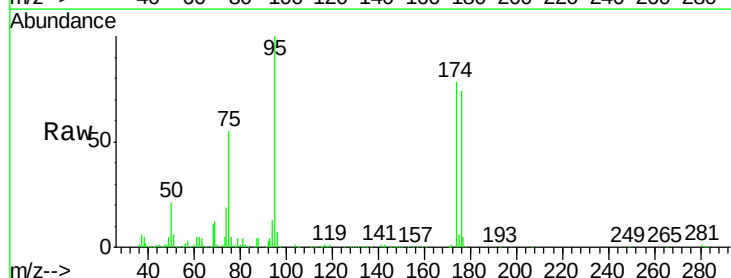
Acq: 08 Jul 2020 19:26

Tgt Ion: 75 Resp: 64823

Ion Ratio Lower Upper

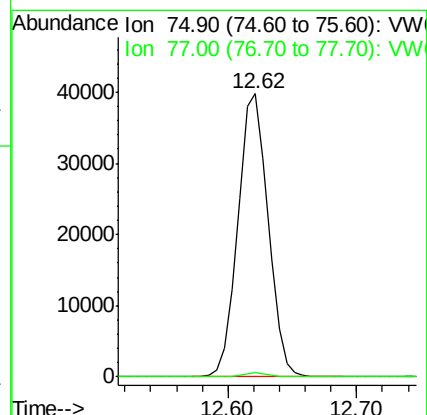
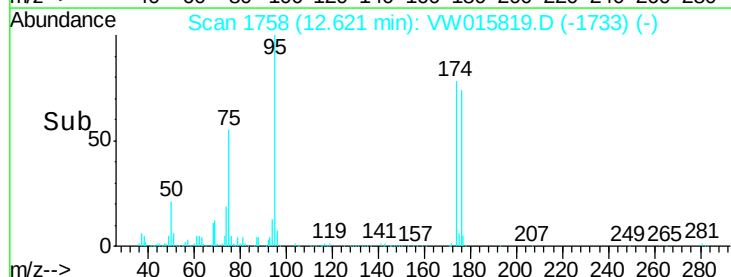
75 100

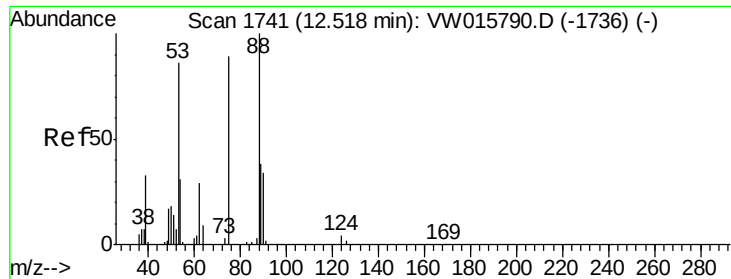
77 1.3 177.3 532.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

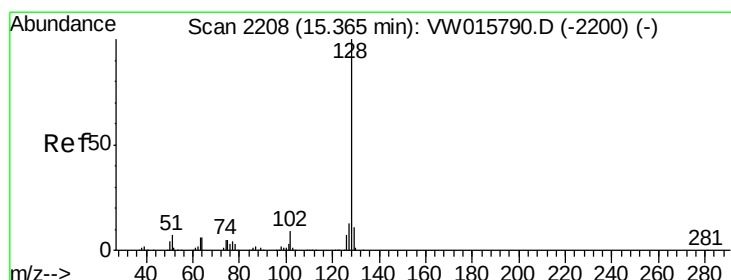
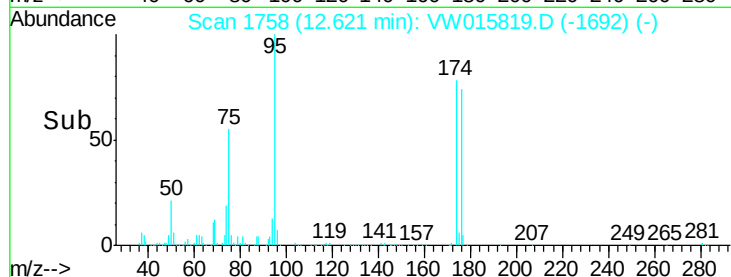
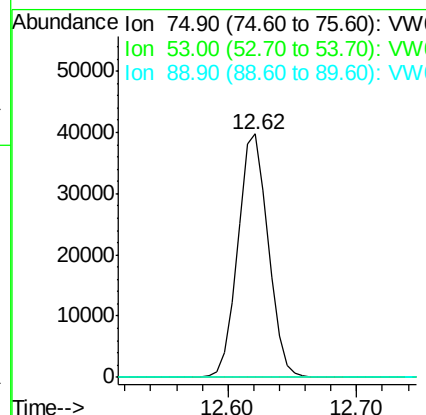
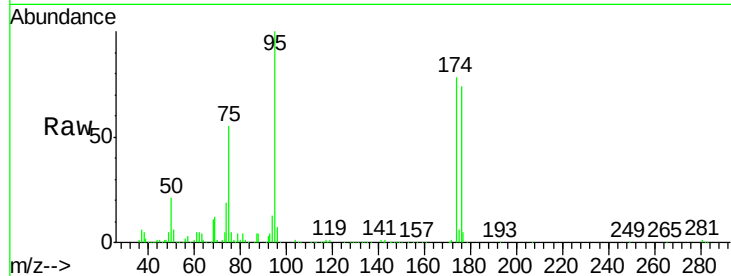




#81
trans-1,4-Dichloro-2-butene
Concen: 138.017 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

Instrument :
MSVOA_W
ClientSampleId :
OR-02-070820

Tot Ion: 75 Resp: 64823
Ion Ratio Lower Upper
75 100
53 0.1 85.9 128.9#
89 0.0 36.2 54.4#



#95
Naphthalene
Concen: 6.208 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

Tgt Ion:128 Resp: 13407
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 12.0 8.7 13.1

