

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015265.D
 Acq On : 21 Apr 2020 16:22
 Operator : SY/VA
 Sample : L2283-03RE
 Misc : 4.71G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 05:58:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	11210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	15907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	11257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	2031	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4562	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.89	113	4175	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.32	98	17226	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.62	95	3606	25.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.00%	

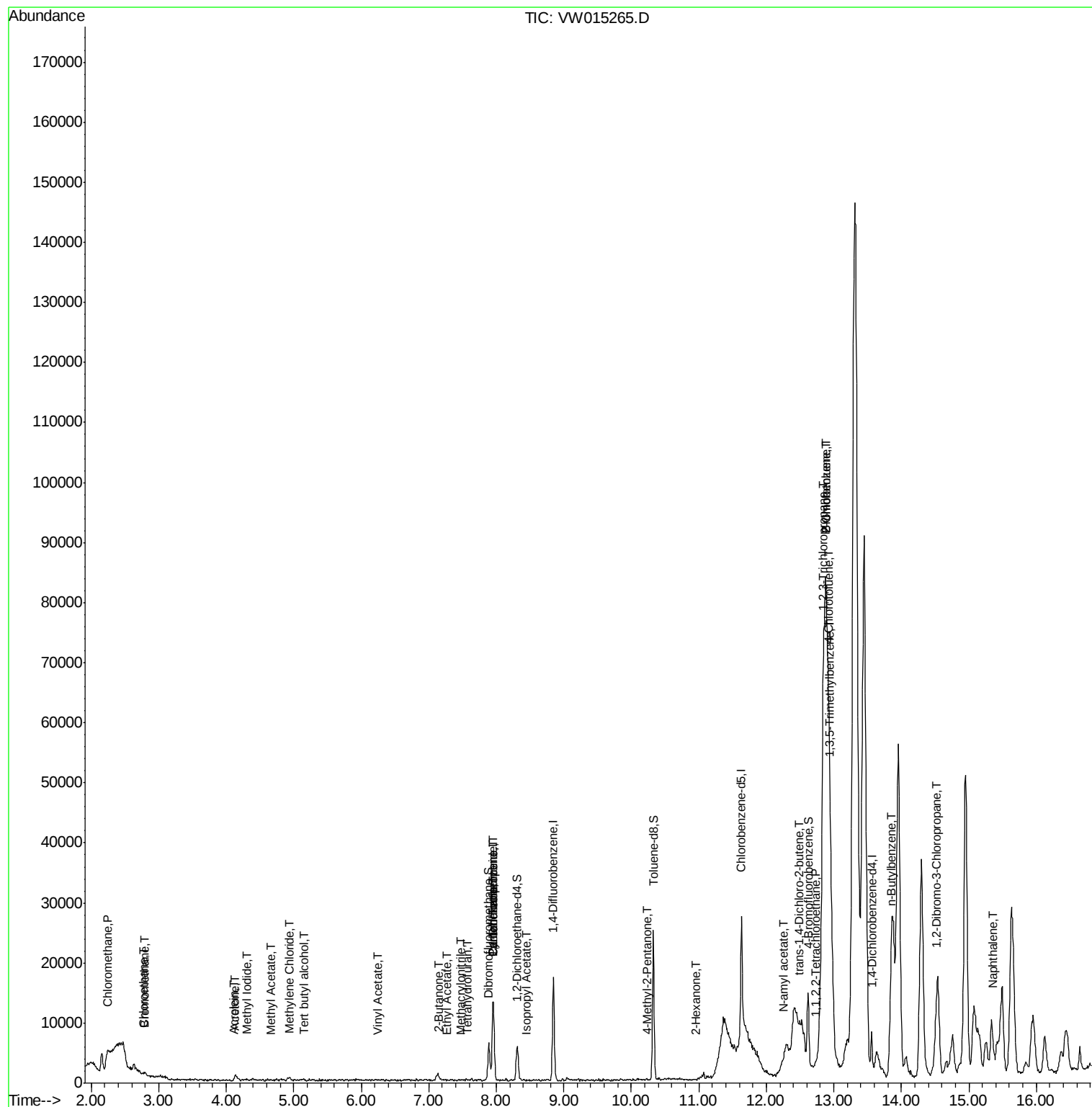
Target Compounds						Qvalue
3) Chloromethane	2.23	50	198	2.054	ug/l #	42
5) Bromomethane	2.79	94	383	4.732	ug/l #	78
6) Chloroethane	2.78	64	108	1.529	ug/l #	42
10) Methyl Iodide	4.31	142	193	1.850	ug/l #	41
11) Tert butyl alcohol	5.15	59	20	2.676	ug/l #	1
13) Acrolein	4.10	56	19	4.858	ug/l #	15
16) Acetone	4.14	43	1563	97.619	ug/l	93
18) Methyl Acetate	4.66	43	181	4.271	ug/l #	49
20) Methylene Chloride	4.94	84	413	3.936	ug/l #	68
23) Vinyl Acetate	6.25	43	159	1.113	ug/l #	70
25) 2-Butanone	7.16	43	177	8.332	ug/l #	48
29) Tetrahydrofuran	7.57	42	19	1.436	ug/l #	32
31) Cyclohexane	7.95	56	340	2.006	ug/l #	69
36) 1,1-Dichloropropene	7.96	75	753	5.245	ug/l #	41
37) Ethyl Acetate	7.28	43	103	2.211	ug/l #	67
38) Carbon Tetrachloride	7.96	117	982	6.259	ug/l #	14
41) Methacrylonitrile	7.48	41	134	4.793	ug/l #	35
43) Isopropyl Acetate	8.44	43	133	1.361	ug/l #	50
51) 4-Methyl-2-Pentanone	10.23	43	248	5.406	ug/l #	35
59) 2-Hexanone	10.97	43	77	2.351	ug/l #	23
74) N-amyl acetate	12.25	43	86	3.510	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.72	83	43	2.151	ug/l #	25
76) 1,2,3-Trichloropropane	12.84	75	1227	78.093	ug/l #	100
77) Bromobenzene	12.88	156	138400	4277.824	ug/l #	1
79) 2-Chlorotoluene	12.88	91	153	1.656	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.95	105	153	1.261	ug/l #	27
81) trans-1,4-Dichloro-2-buten	12.50	75	69	9.600	ug/l #	1
82) 4-Chlorotoluene	12.93	91	99	1.009	ug/l #	41
89) n-Butylbenzene	13.84	91	137	1.102	ug/l #	32
92) 1,2-Dibromo-3-Chloropropan	14.52	75	310	85.678	ug/l #	2
95) Naphthalene	15.36	128	1152	18.445	ug/l #	90

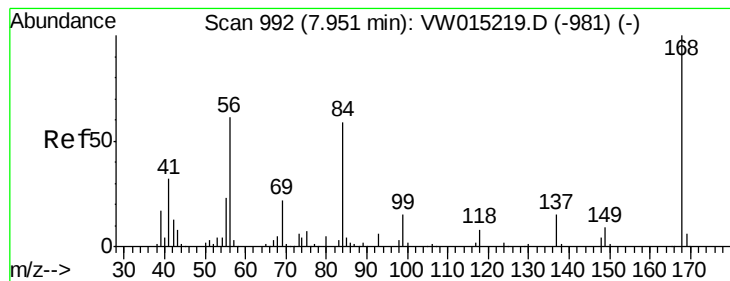
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

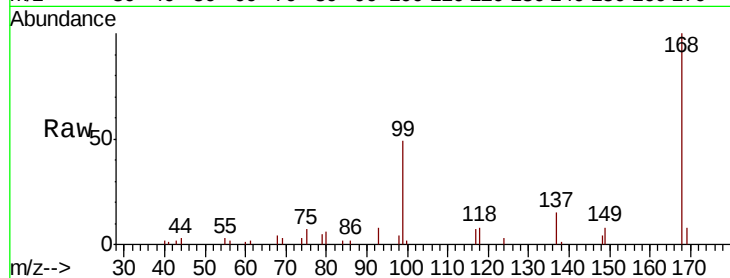
ClientSampleId :

Tot Ion:168 Resp: 11210

Ion Ratio Lower Upper

168 100

99 48.9 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

6000

5000

4000

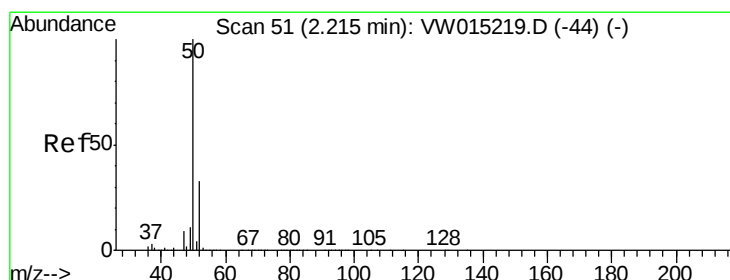
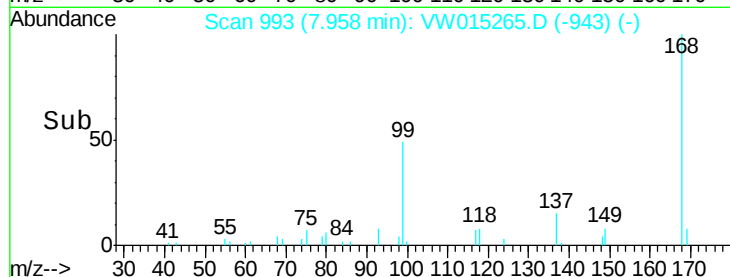
3000

2000

1000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#3

Chloromethane

Concen: 2.054 ug/l

RT: 2.23 min Scan# 54

Delta R.T. 0.02 min

Lab File: VW015265.D

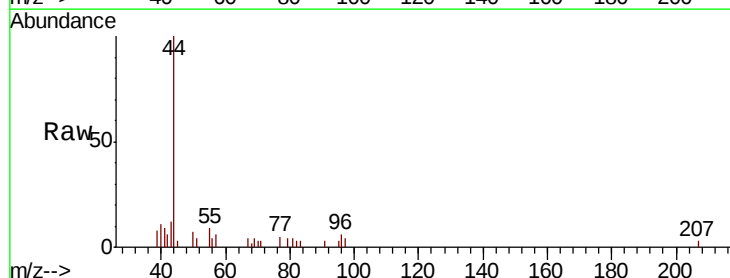
Acq: 21 Apr 2020 16:22

Tgt Ion: 50 Resp: 198

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.23

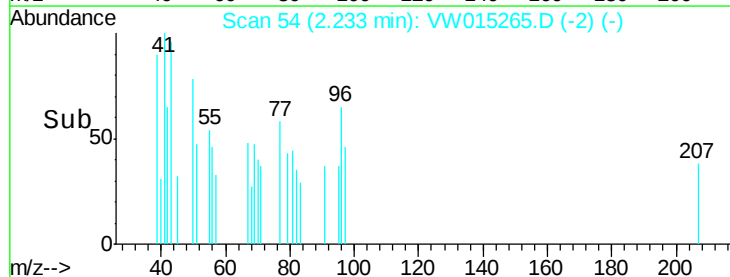
150

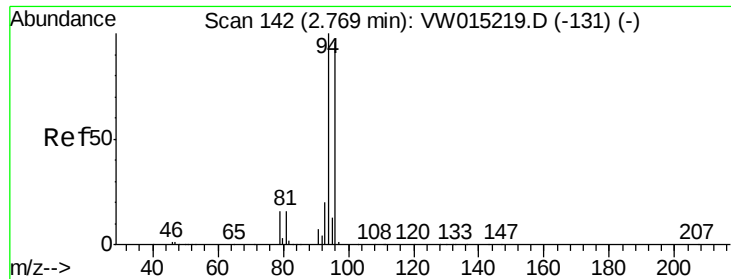
100

50

0

Time--> 2.20 2.25





#5

Bromomethane

Concen: 4.732 ug/l

RT: 2.79 min Scan# 146

Delta R.T. 0.02 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

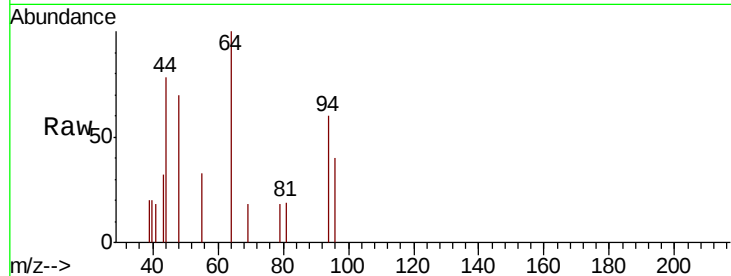
ClientSampled :

Tot Ion: 94 Resp: 383

Ion Ratio Lower Upper

94 100

96 67.5 70.4 105.6#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

200

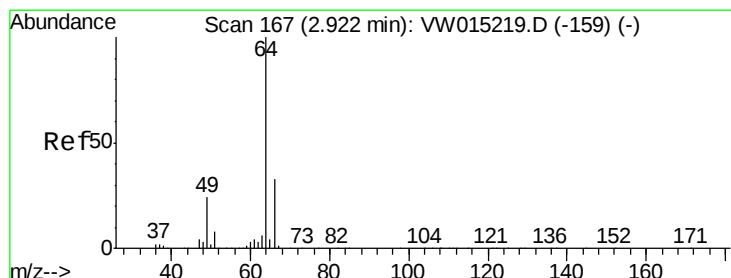
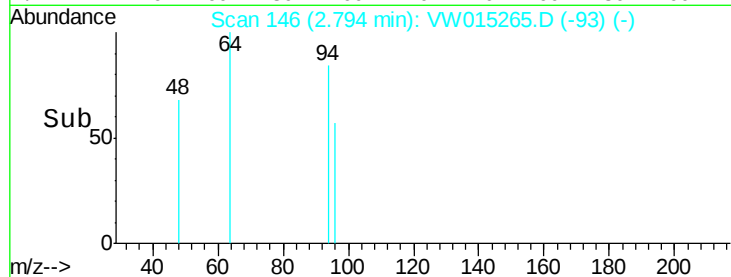
150

100

50

0

Time-->



#6

Chloroethane

Concen: 1.529 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.14 min

Lab File: VW015265.D

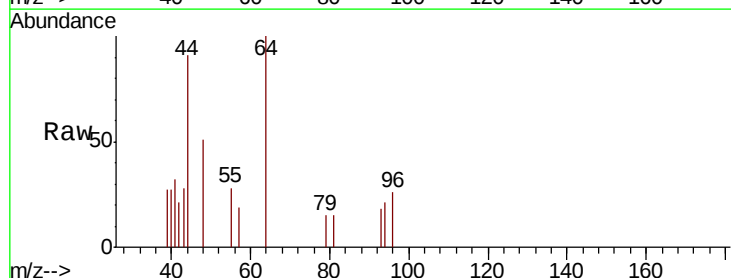
Acq: 21 Apr 2020 16:22

Tgt Ion: 64 Resp: 108

Ion Ratio Lower Upper

64 100

66 0.0 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.78

400

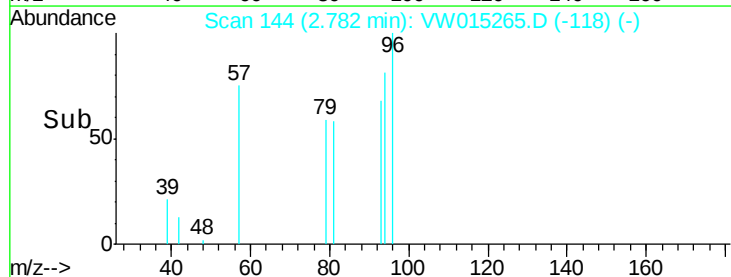
300

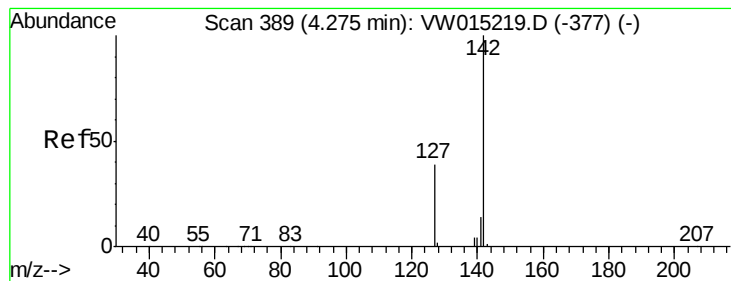
200

100

0

Time-->





#10

Methvl Iodide

Concen: 1.850 ug/l

RT: 4.31 min Scan# 394

Delta R.T. 0.03 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

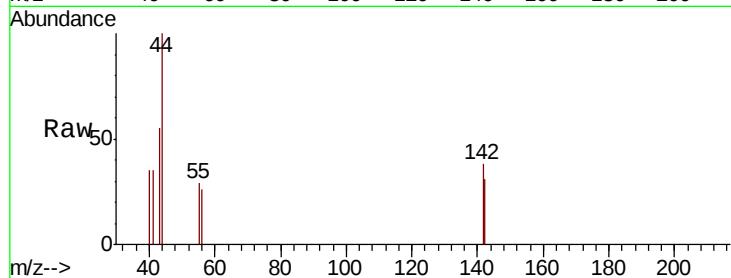
Tot Ion:142 Resp: 193

Ion Ratio Lower Upper

142 100

127 0.0 33.9 50.9#

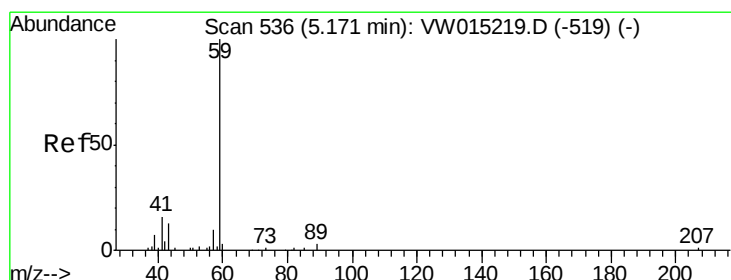
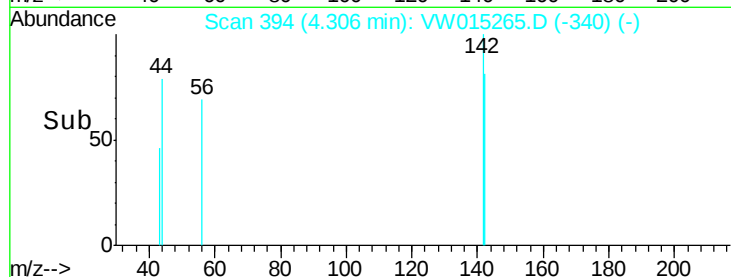
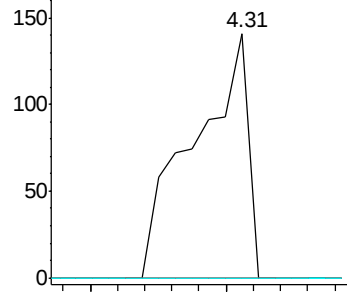
141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 2.676 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW015265.D

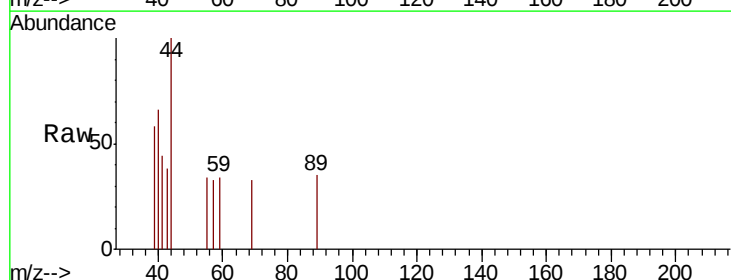
Acq: 21 Apr 2020 16:22

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

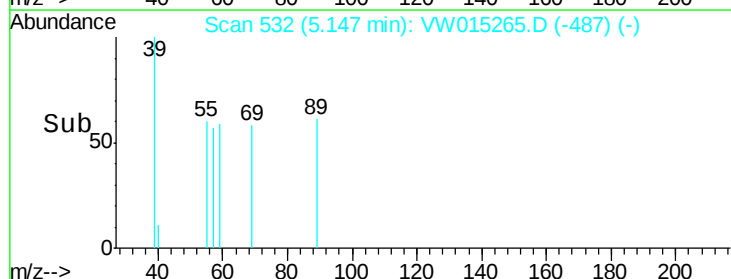
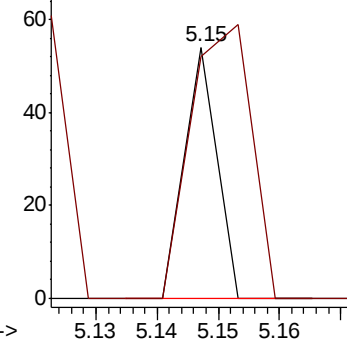
59 100

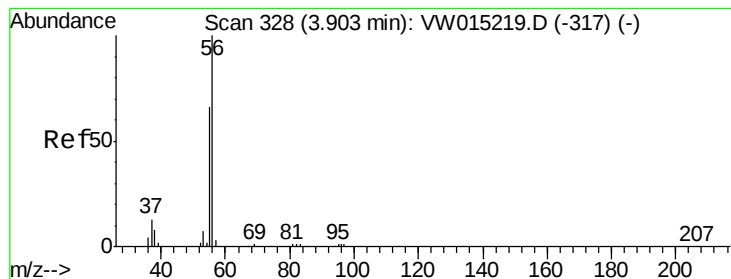
57 205.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.858 ug/l

RT: 4.10 min Scan# 361

Delta R.T. 0.20 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

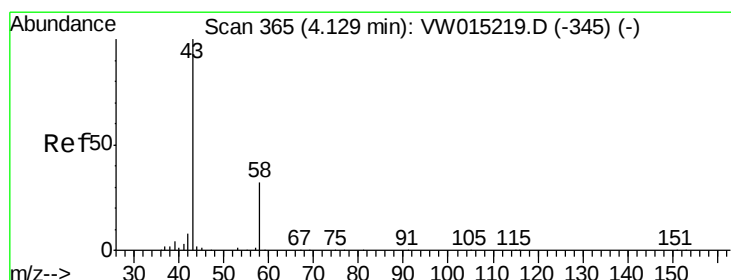
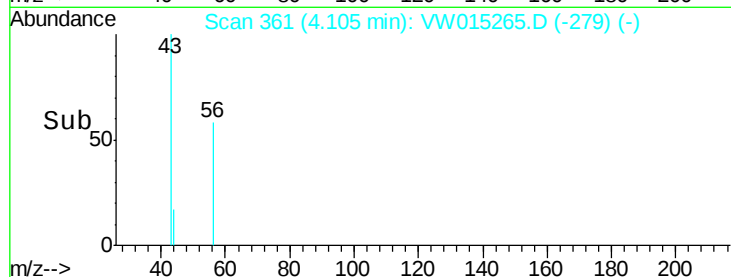
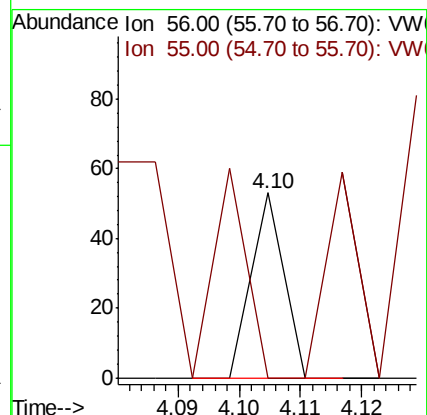
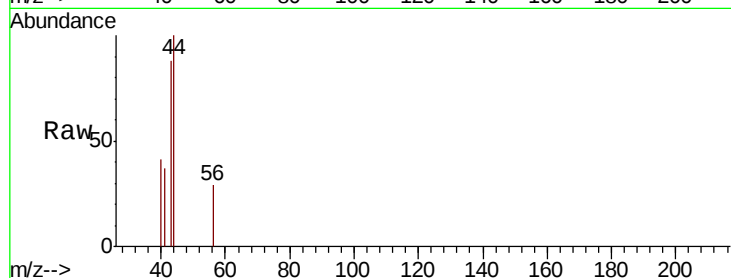
ClientSampleId :

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.2#



#16

Acetone

Concen: 97.619 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015265.D

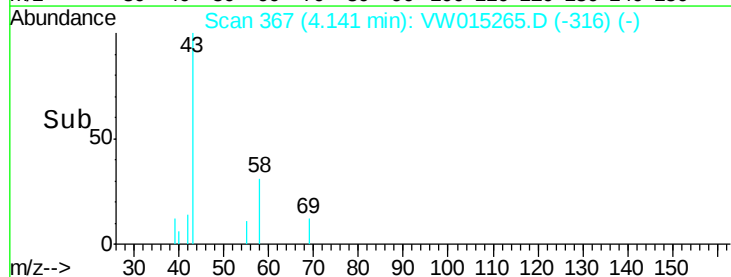
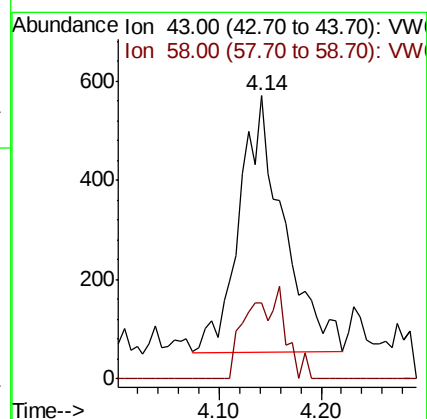
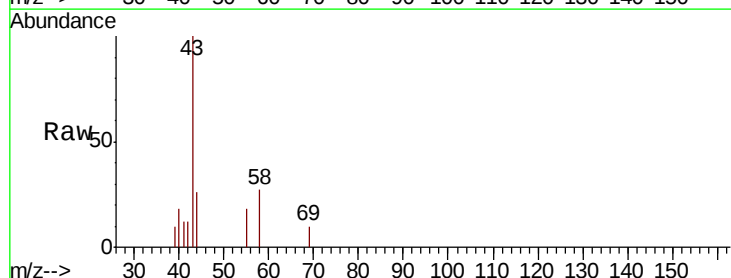
Acq: 21 Apr 2020 16:22

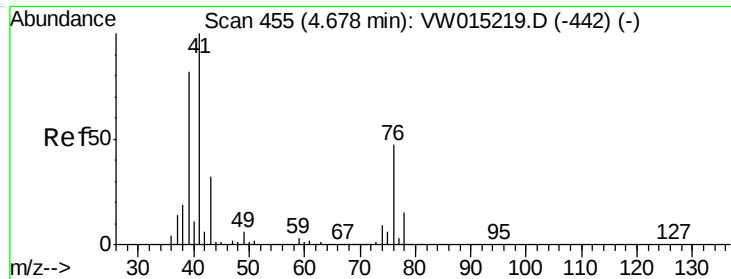
Tgt Ion: 43 Resp: 1563

Ion Ratio Lower Upper

43 100

58 29.7 27.0 40.4

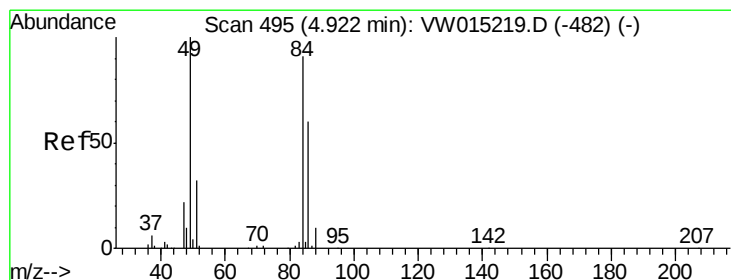
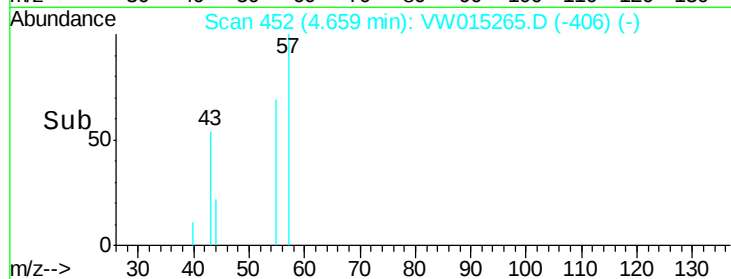
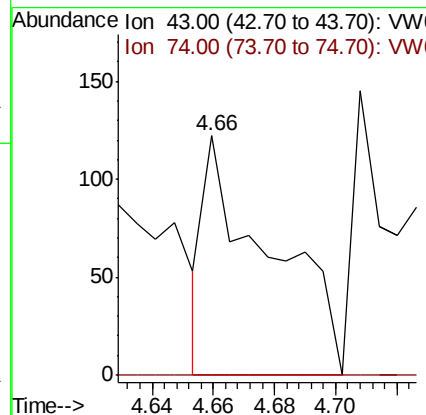
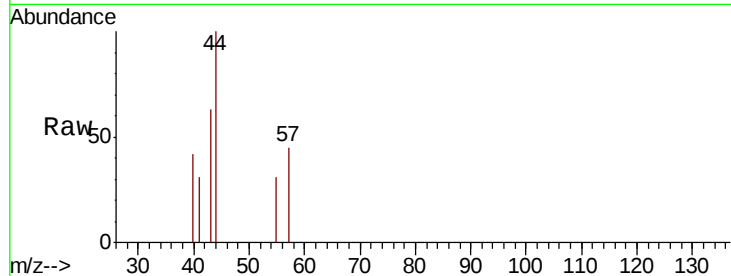




#18
Methyl Acetate
Concen: 4.271 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.02 min
Lab File: VW015265.D
Acq: 21 Apr 2020 16:22

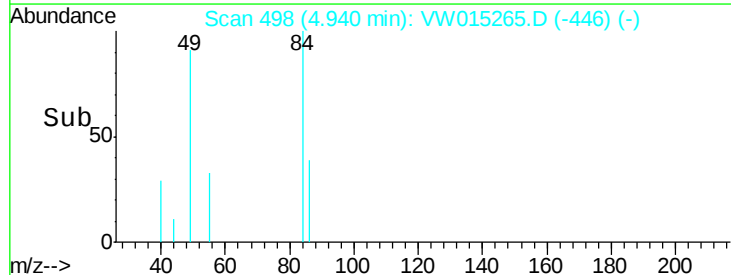
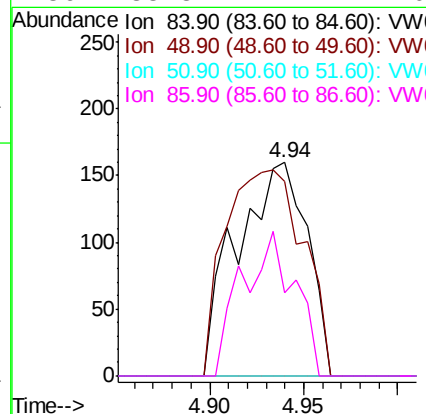
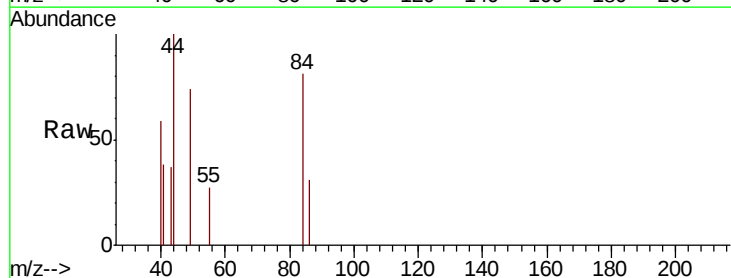
Instrument :
MSVOA_W
ClientSampled :

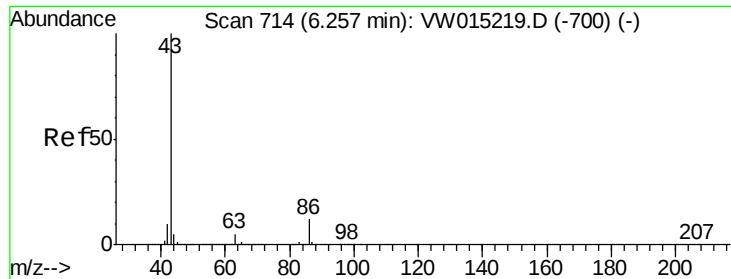
Tot Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#20
Methylene Chloride
Concen: 3.936 ug/l
RT: 4.94 min Scan# 498
Delta R.T. 0.02 min
Lab File: VW015265.D
Acq: 21 Apr 2020 16:22

Tgt Ion: 84 Resp: 413
Ion Ratio Lower Upper
84 100
49 91.2 95.4 143.0#
51 0.0 29.8 44.8#
86 38.8 47.4 71.0#

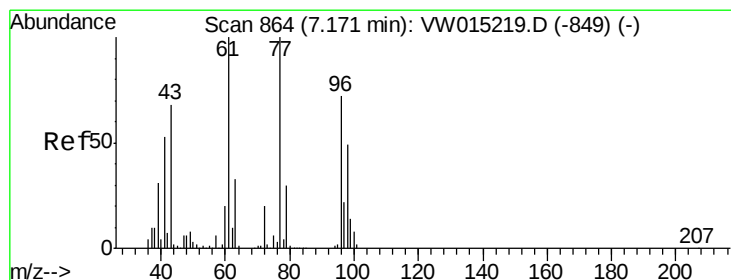
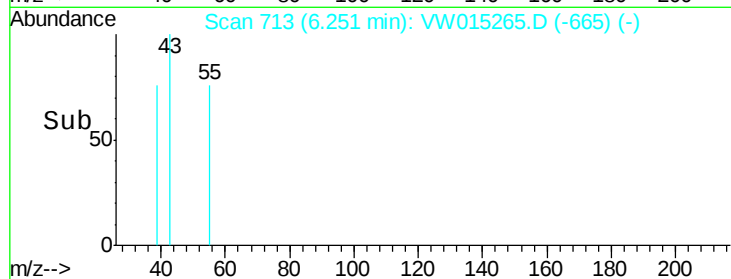
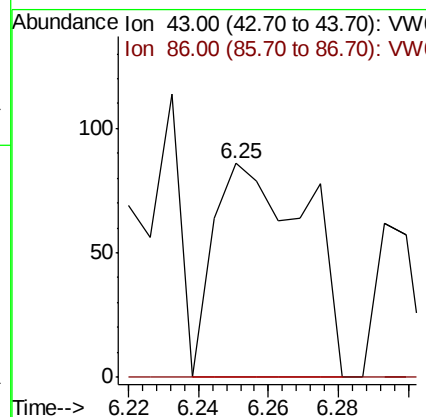
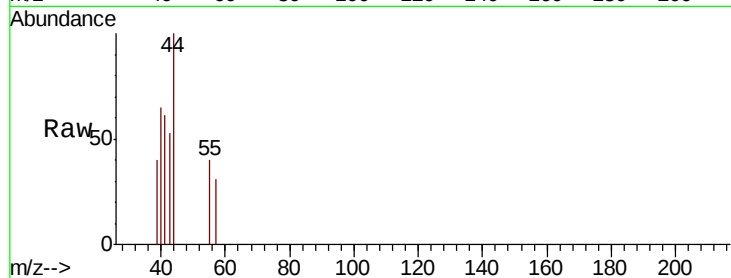




#23
 Vinyl Acetate
 Concen: 1.113 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW015265.D
 Acq: 21 Apr 2020 16:22

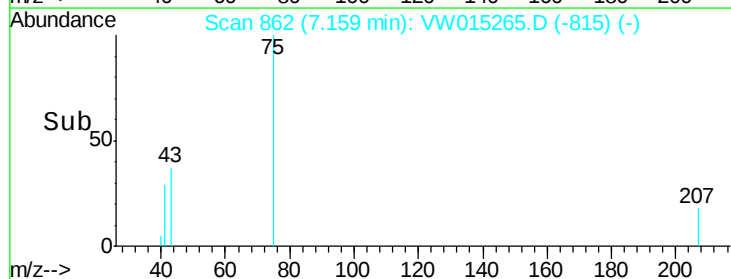
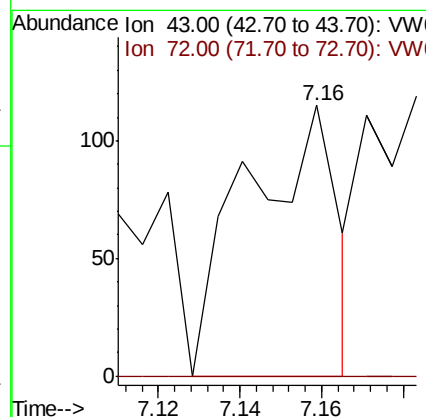
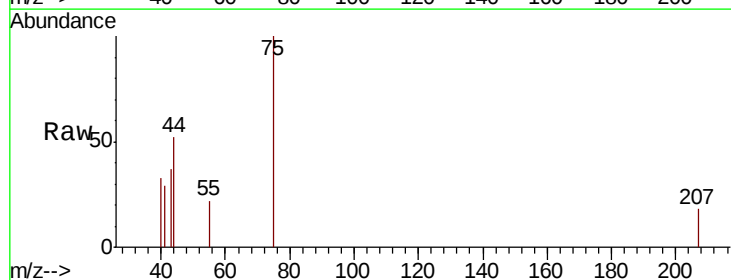
Instrument :
 MSVOA_W
 ClientSampled :

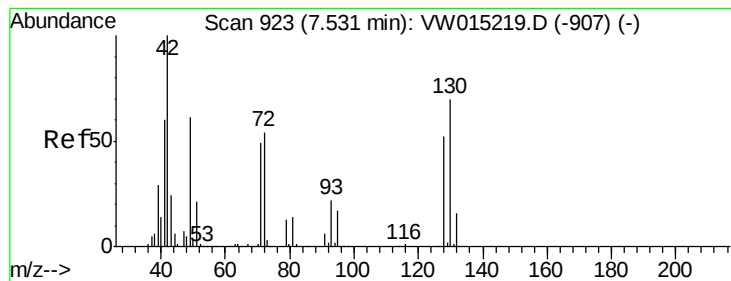
Tot Ion: 43 Resp: 159
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.1 13.7#



#25
 2-Butanone
 Concen: 8.332 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW015265.D
 Acq: 21 Apr 2020 16:22

Tgt Ion: 43 Resp: 177
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.6 32.4#





#29

Tetrahydrofuran

Concen: 1.436 ug/l

RT: 7.57 min Scan# 929

Delta R.T. 0.04 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

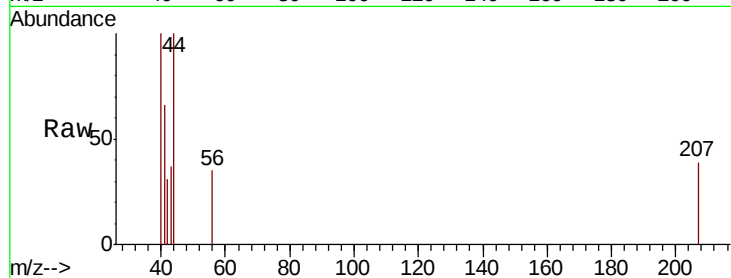
Tot Ion: 42 Resp: 19

Ion Ratio Lower Upper

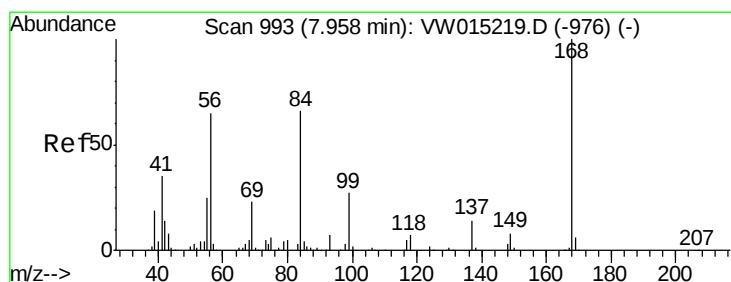
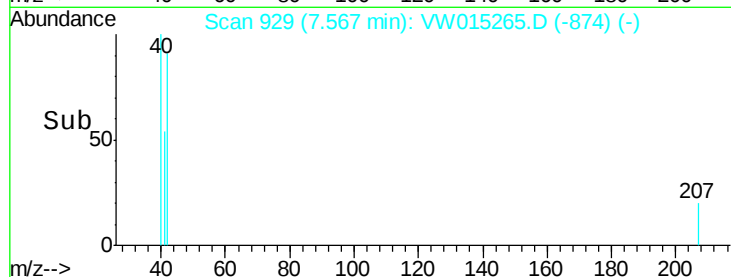
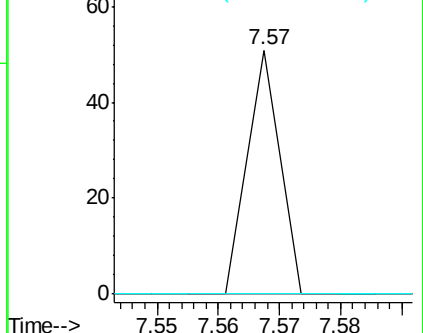
42 100

72 0.0 36.2 54.2#

71 0.0 34.2 51.4#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 2.006 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

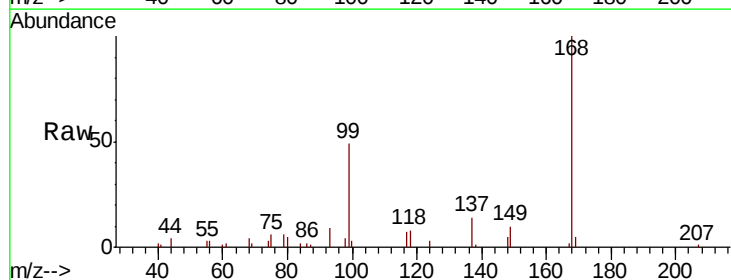
Tgt Ion: 56 Resp: 340

Ion Ratio Lower Upper

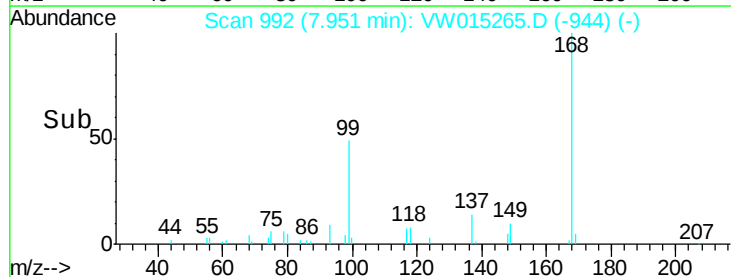
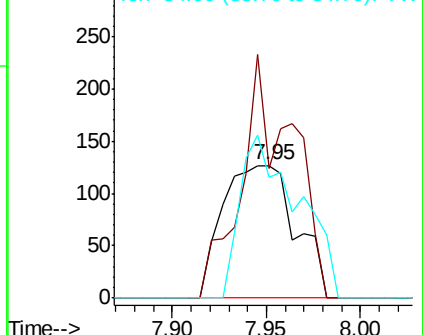
56 100

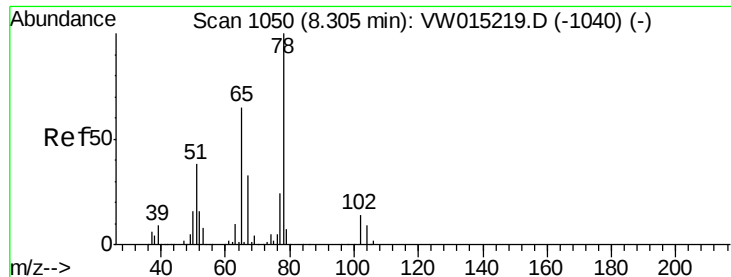
69 97.6 27.1 40.7#

84 90.6 71.9 107.9



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

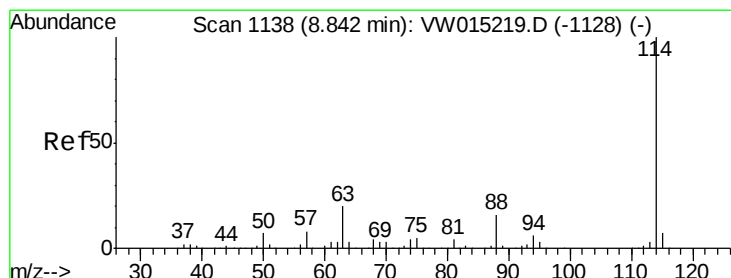
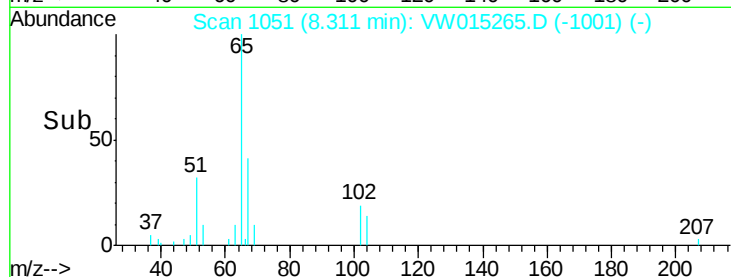
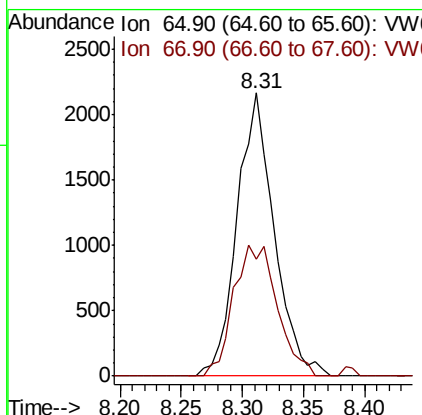
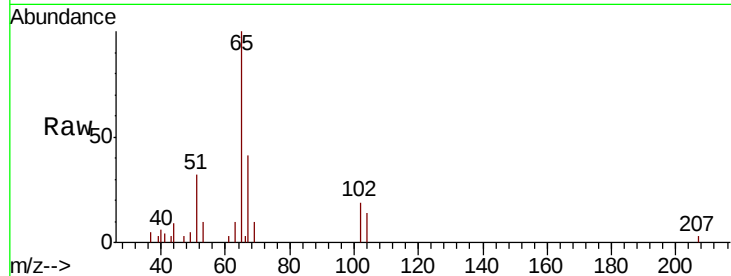




#33
 1,2-Dichloroethane-d4
 Concen: 49.766 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015265.D
 Acq: 21 Apr 2020 16:22

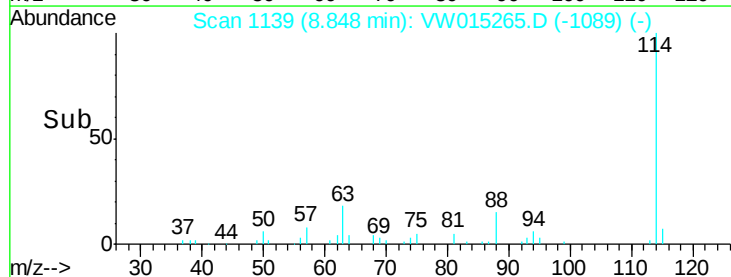
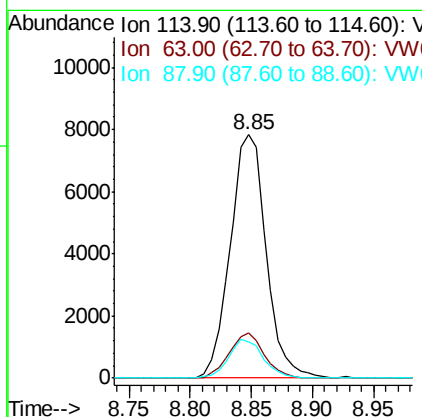
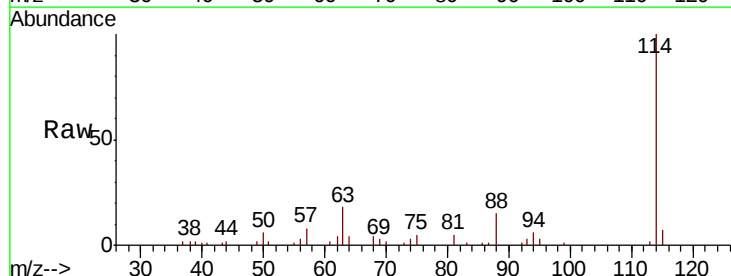
Instrument :
 MSVOA_W
 ClientSampleId :

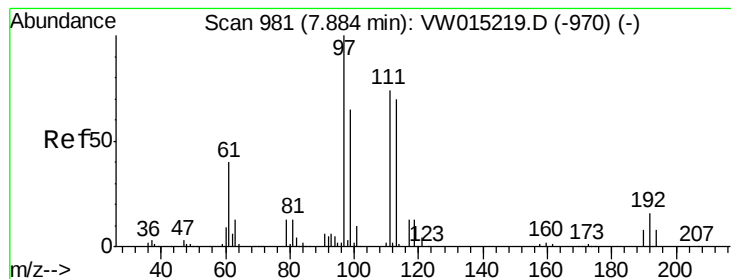
Tot Ion: 65 Resp: 4562
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015265.D
 Acq: 21 Apr 2020 16:22

Tgt Ion: 114 Resp: 15907
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.8
 88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.383 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

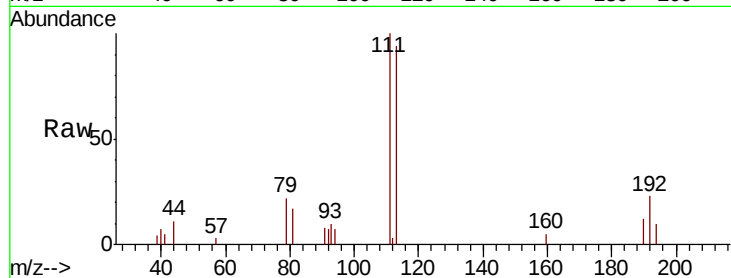
Tot Ion:113 Resp: 4175

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

192 23.0 15.1 22.7#



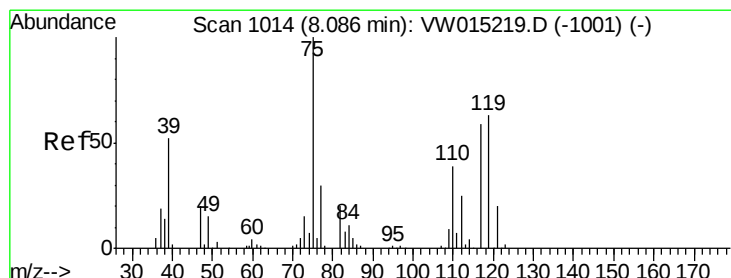
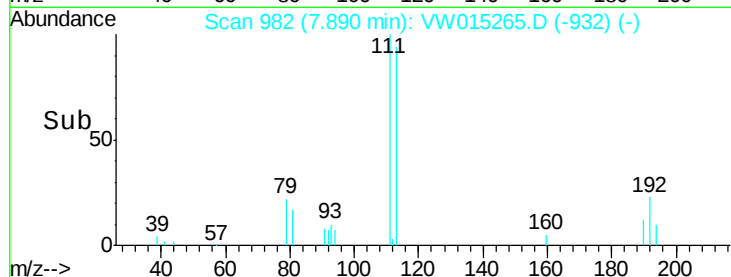
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.89

Time-->



#36

1,1-Dichloropropene

Concen: 5.245 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

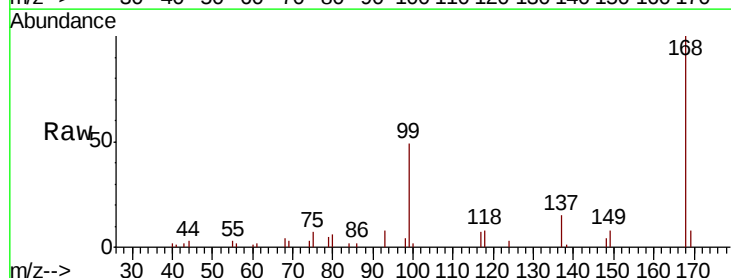
Tgt Ion: 75 Resp: 753

Ion Ratio Lower Upper

75 100

110 0.0 18.2 54.6#

77 0.0 24.5 36.7#



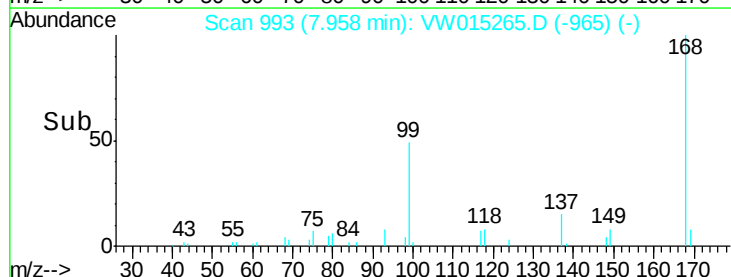
Abundance Ion 74.90 (74.60 to 75.60): VW

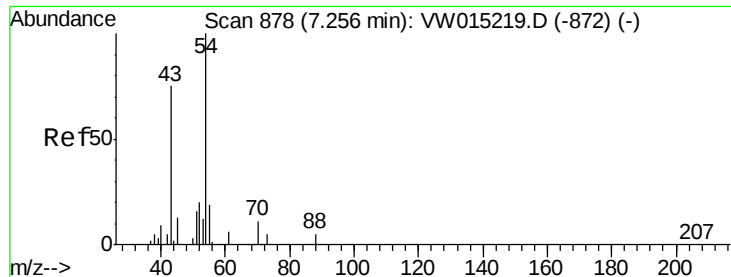
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

7.96

Time-->

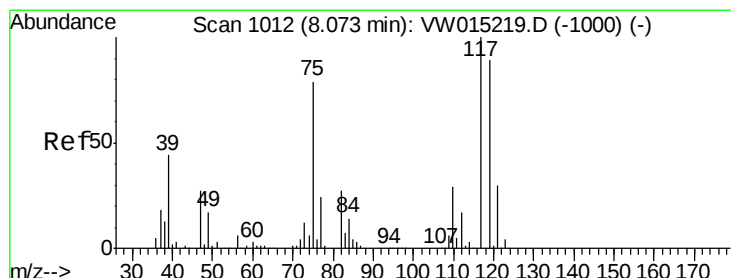
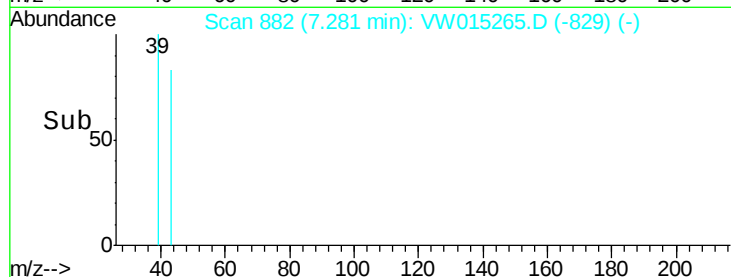
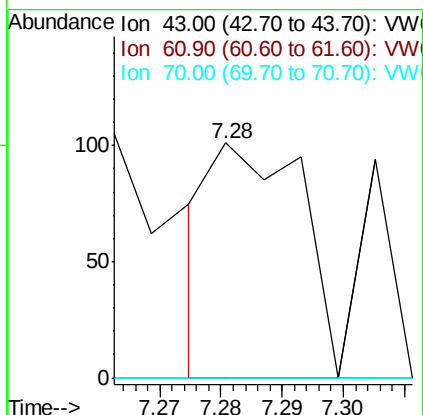
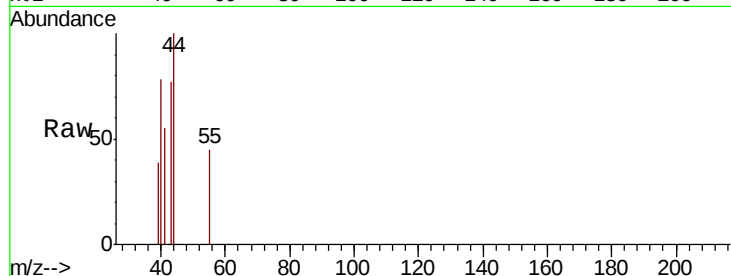




#37
Ethyl Acetate
Concen: 2.211 ug/l
RT: 7.28 min Scan# 882
Delta R.T. 0.02 min
Lab File: VW015265.D
Acq: 21 Apr 2020 16:22

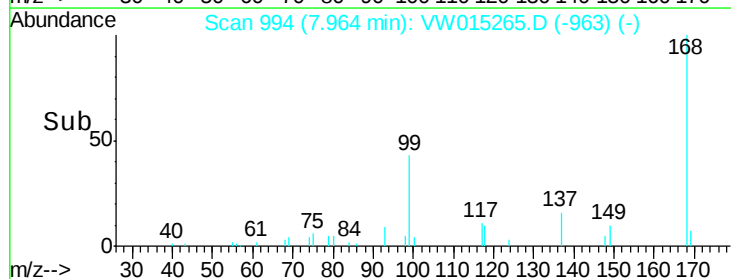
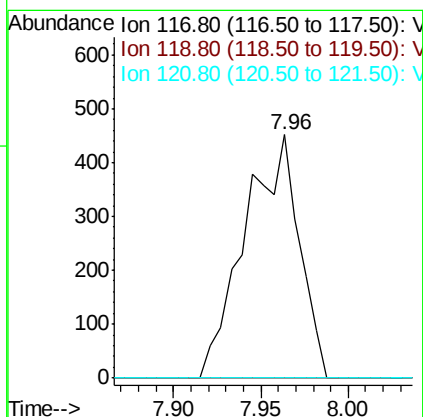
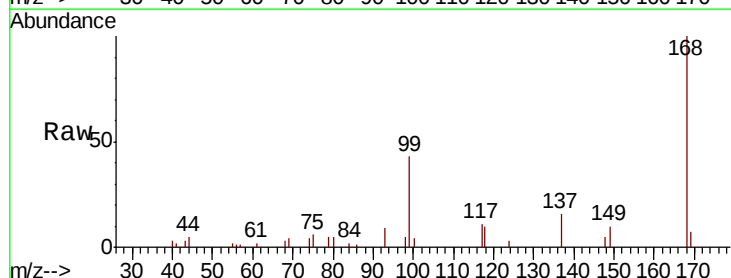
Instrument :
MSVOA_W
ClientSampled :

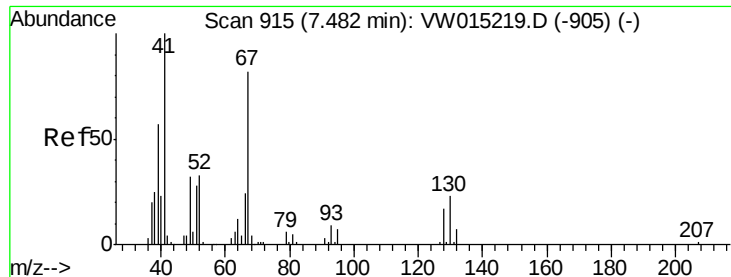
Tot Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.259 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.11 min
Lab File: VW015265.D
Acq: 21 Apr 2020 16:22

Tgt Ion: 117 Resp: 982
Ion Ratio Lower Upper
117 100
119 0.0 72.3 108.5#
121 0.0 23.7 35.5#

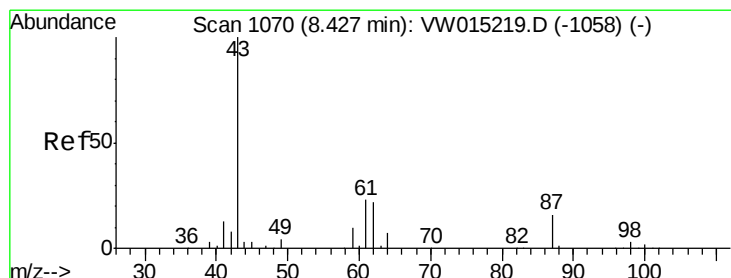
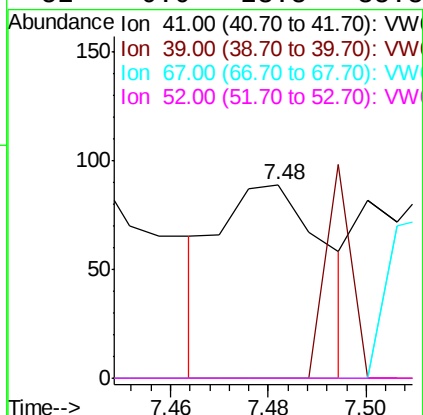
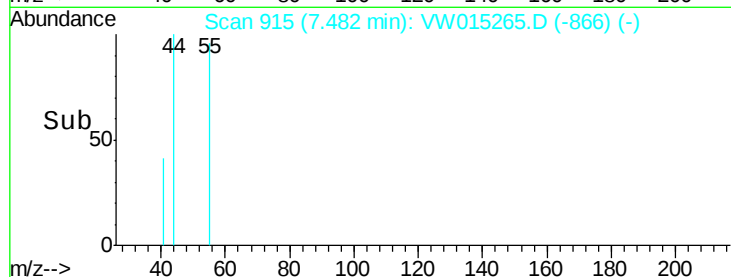
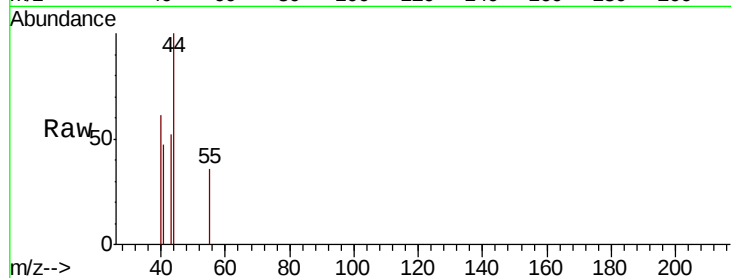




#41
Methacrylonitrile
Concen: 4.793 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015265.D
Acq: 21 Apr 2020 16:22

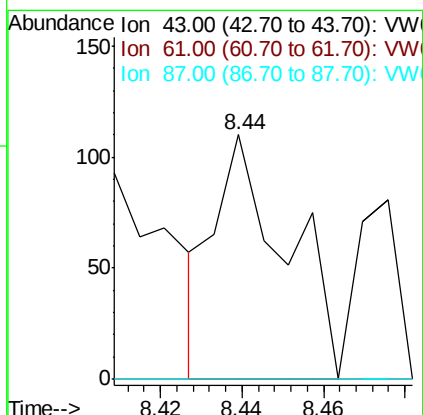
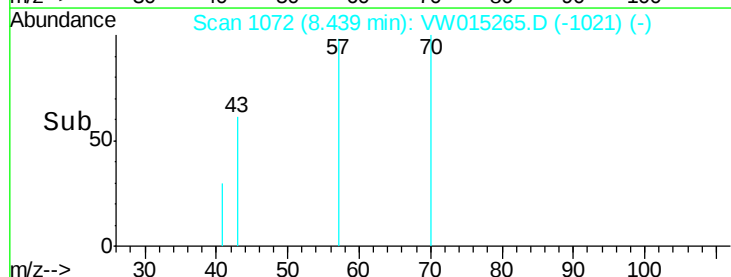
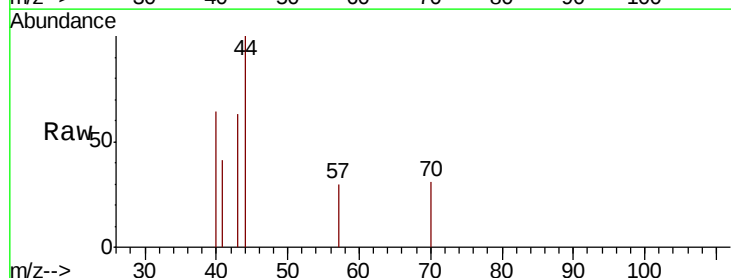
Instrument :
MSVOA_W
ClientSampled :

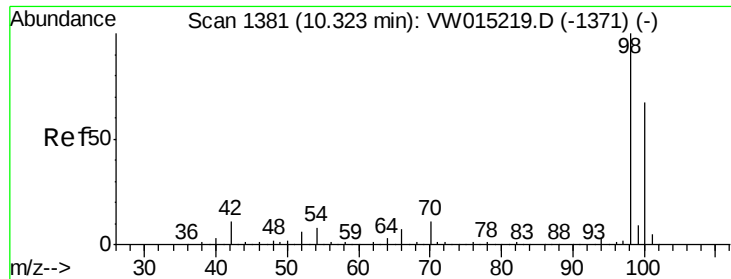
Tot Ion:	41	Resp:	134
Ion	Ratio	Lower	Upper
41	100		
39	26.9	41.9	62.9#
67	0.0	60.6	91.0#
52	0.0	23.8	35.8#



#43
Isopropyl Acetate
Concen: 1.361 ug/l
RT: 8.44 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VW015265.D
Acq: 21 Apr 2020 16:22

Tgt Ion:	43	Resp:	133
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.8	37.2#
87	0.0	11.4	17.2#





#50

Toluene-d8

Concen: 46.474 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

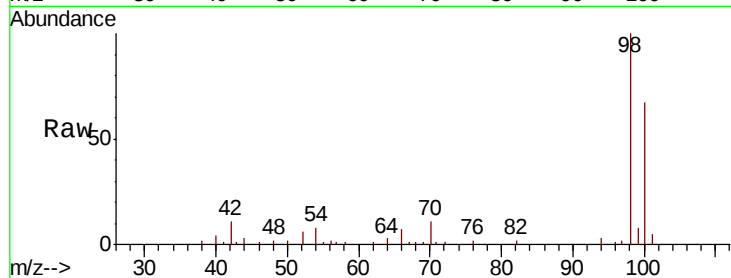
ClientSampled :

Tot Ion: 98 Resp: 17226

Ion Ratio Lower Upper

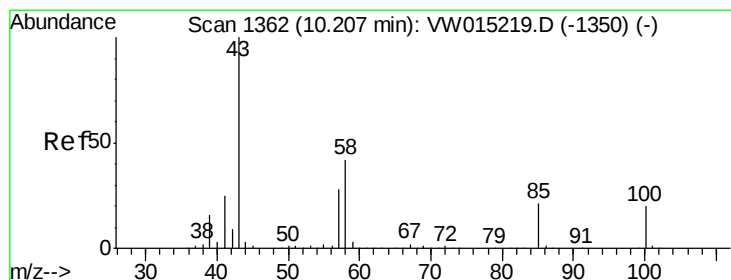
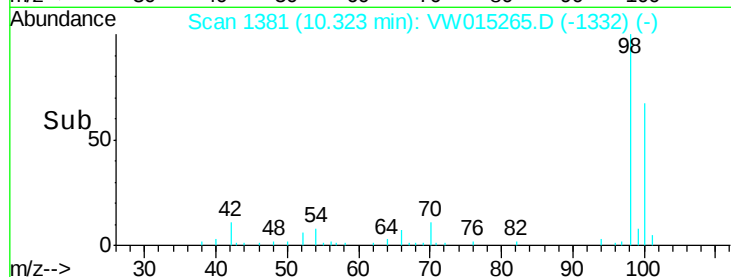
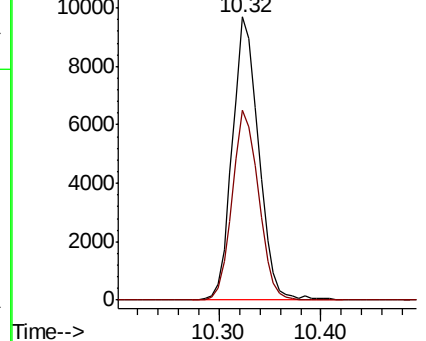
98 100

100 66.9 52.9 79.3



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: 5.406 ug/l

RT: 10.23 min Scan# 1365

Delta R.T. 0.02 min

Lab File: VW015265.D

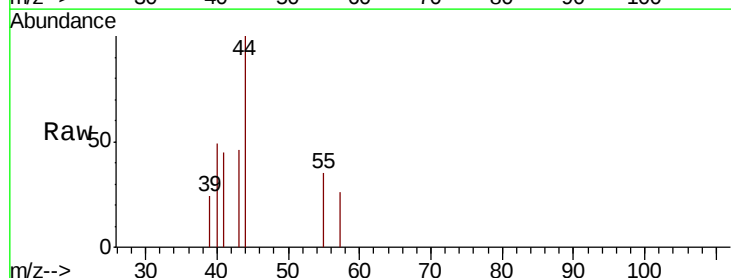
Acq: 21 Apr 2020 16:22

Tgt Ion: 43 Resp: 248

Ion Ratio Lower Upper

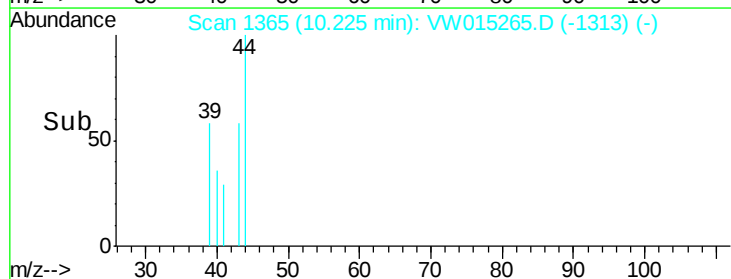
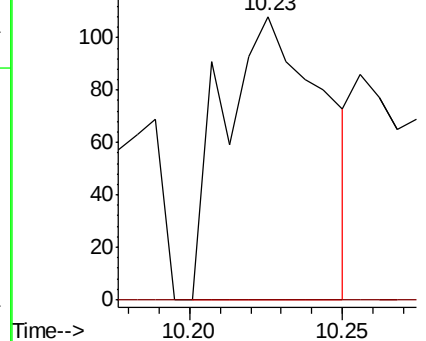
43 100

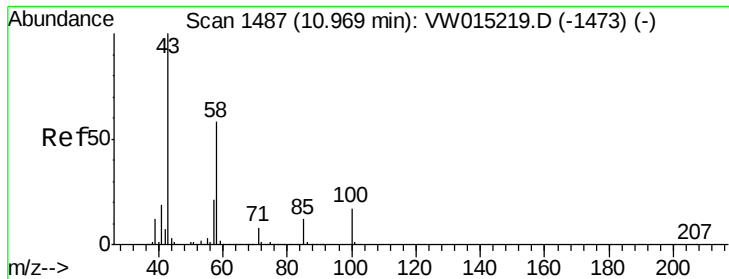
58 0.0 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

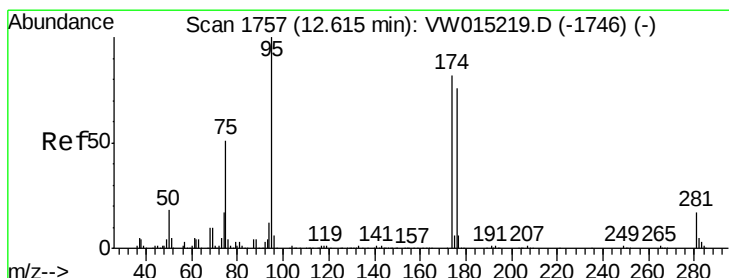
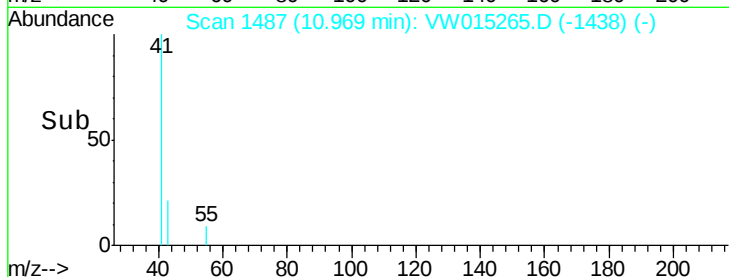
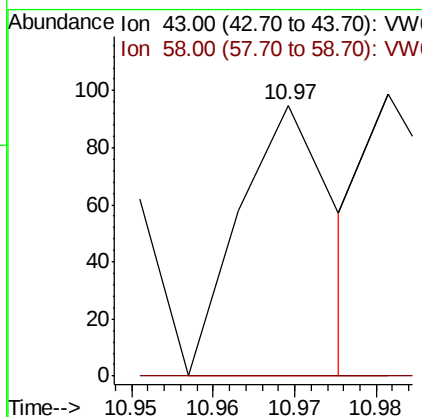
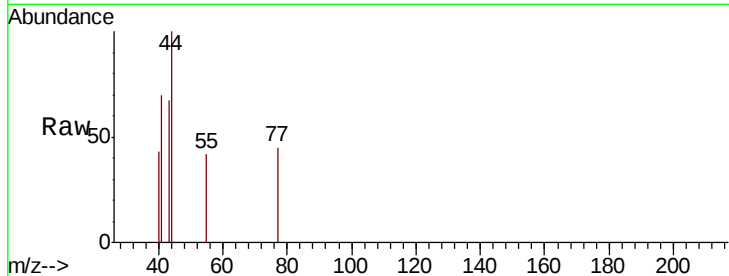




#59
2-Hexanone
Concen: 2.351 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015265.D
Acq: 21 Apr 2020 16:22

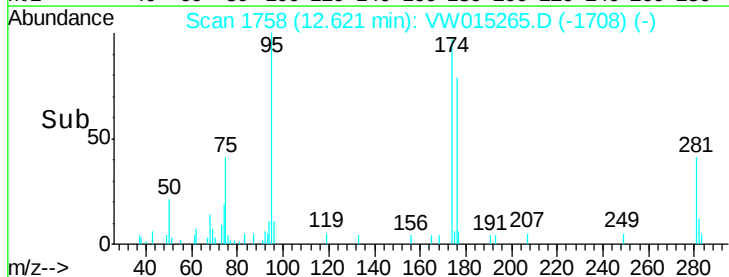
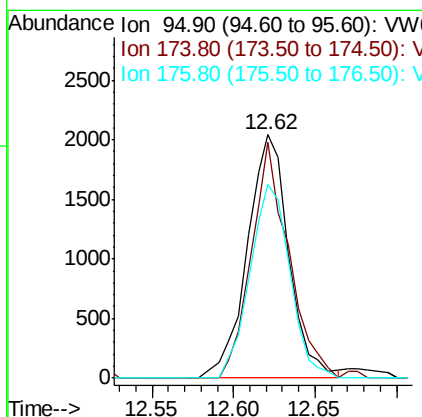
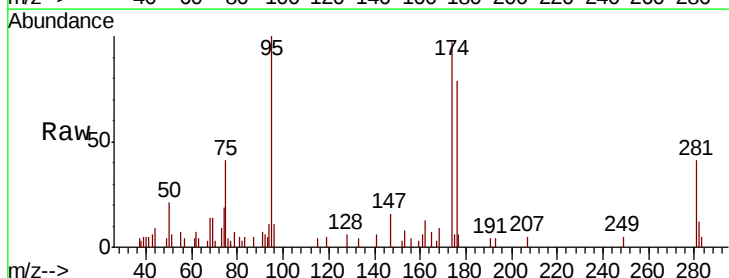
Instrument :
MSVOA_W
ClientSampled :

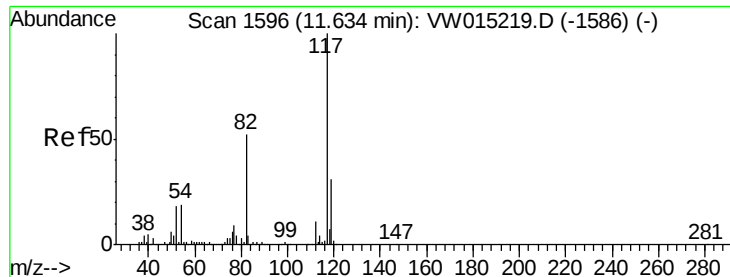
Tot Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 25.498 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW015265.D
Acq: 21 Apr 2020 16:22

Tgt Ion: 95 Resp: 3606
Ion Ratio Lower Upper
95 100
174 87.3 0.0 144.4
176 76.6 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

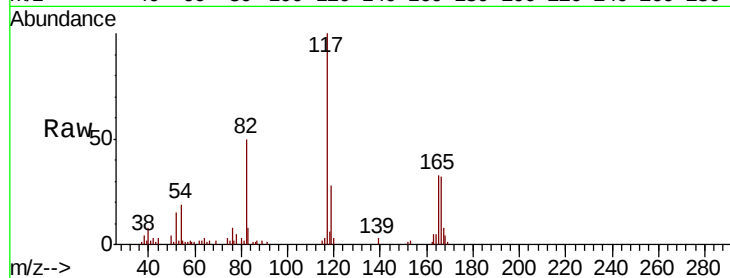
Tot Ion:117 Resp: 11257

Ion Ratio Lower Upper

117 100

82 46.9 44.1 66.1

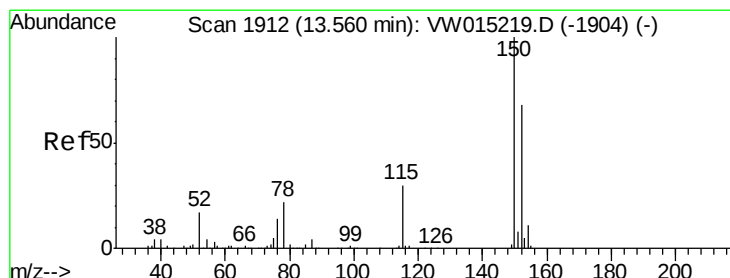
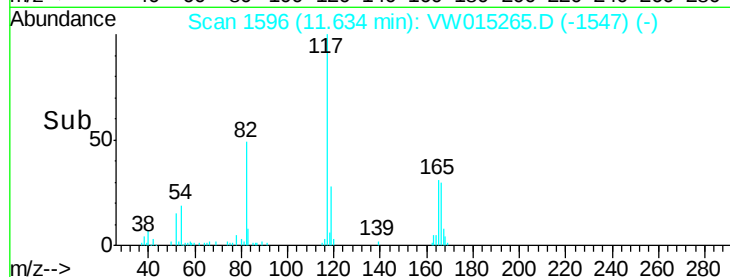
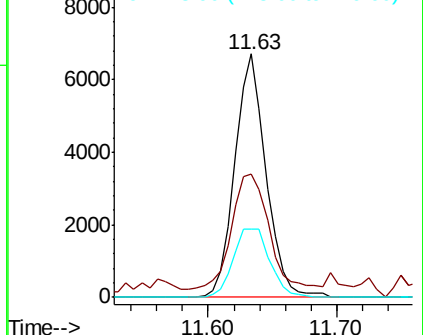
119 27.9 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

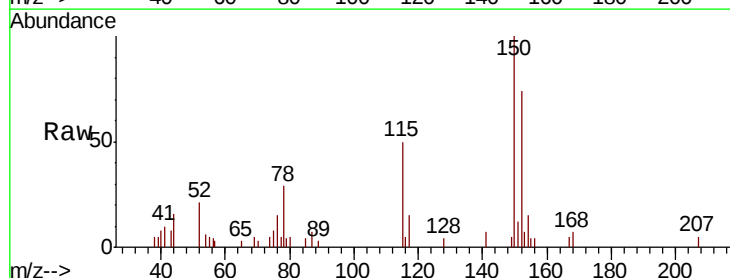
Tgt Ion:152 Resp: 2031

Ion Ratio Lower Upper

152 100

115 47.0 31.3 93.9

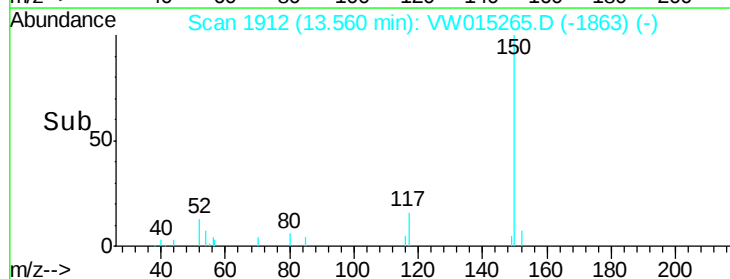
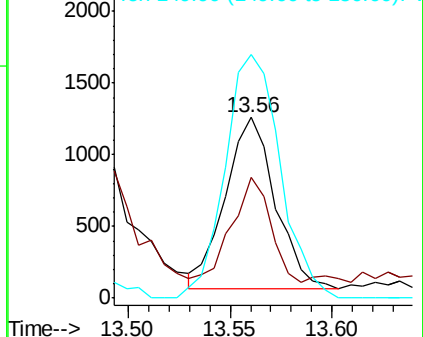
150 157.1 0.0 343.4

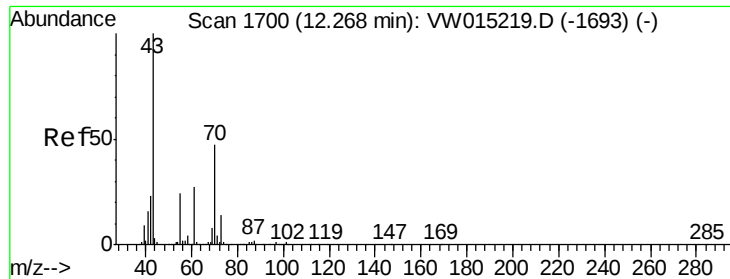


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.510 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 86

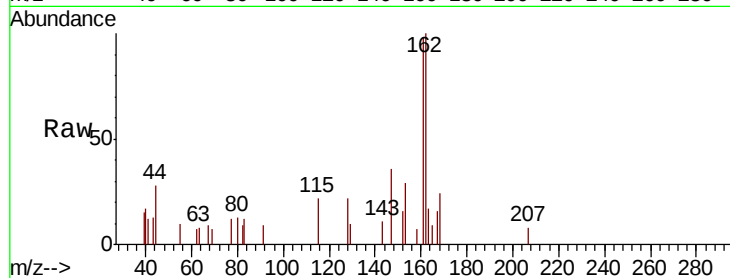
Ion Ratio Lower Upper

43 100

70 23.3 35.4 53.2#

55 233.7 18.5 27.7#

61 0.0 20.3 30.5#



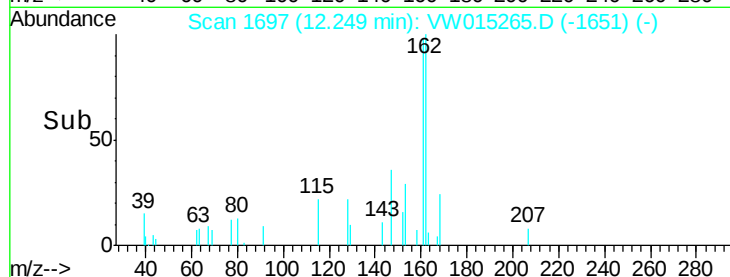
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

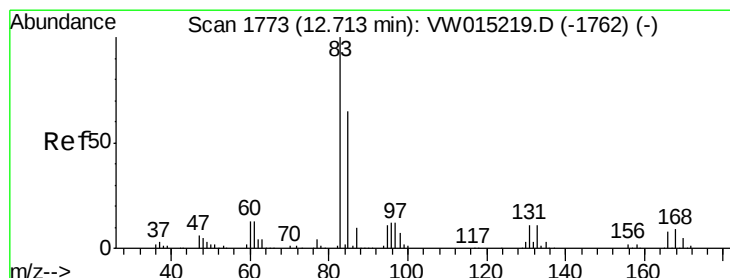
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 2.151 ug/l

RT: 12.72 min Scan# 1775

Delta R.T. 0.01 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

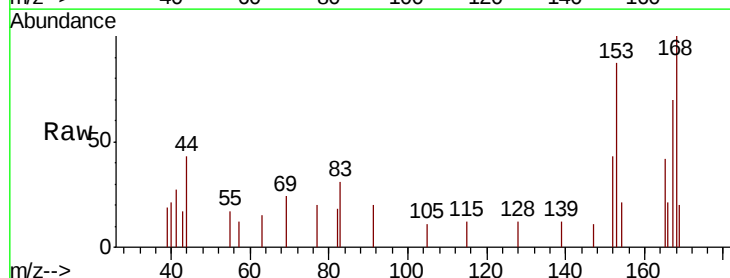
Tgt Ion: 83 Resp: 43

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

85 0.0 32.3 96.8#

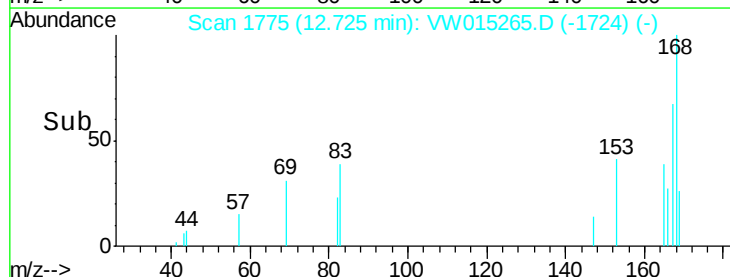


Abundance Ion 82.90 (82.60 to 83.60): VW

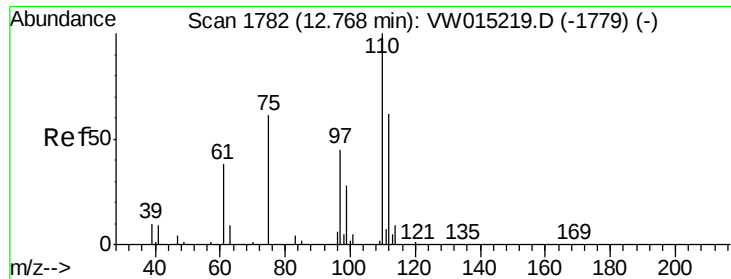
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

Time-->



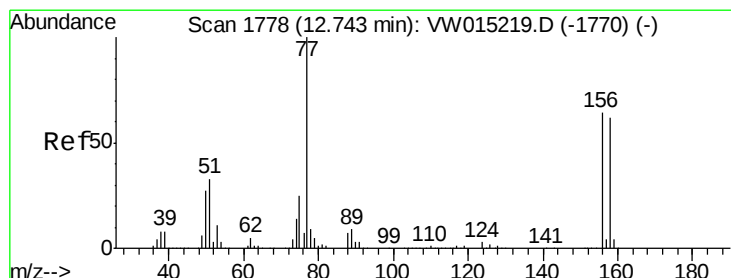
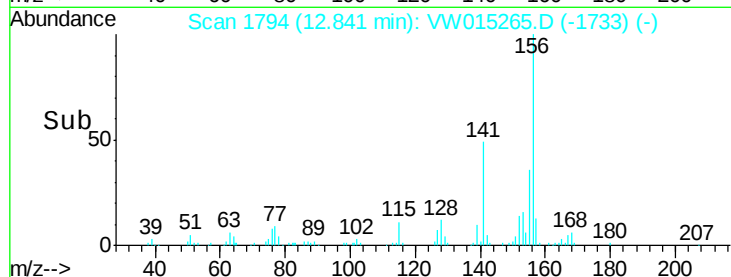
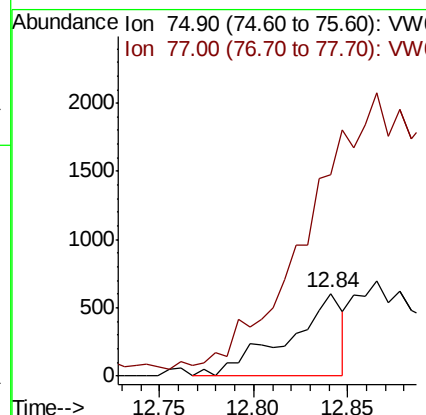
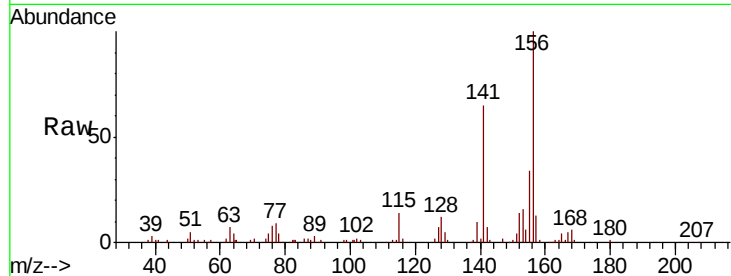
Time-->



#76
 1,2,3-Trichloropropane
 Concen: 78.093 ug/l
 RT: 12.84 min Scan# 1794
 Delta R.T. 0.07 min
 Lab File: VW015265.D
 Acq: 21 Apr 2020 16:22

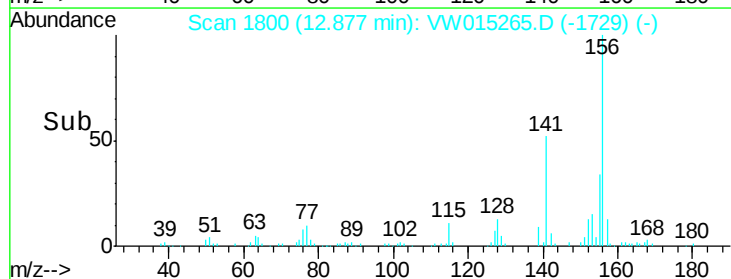
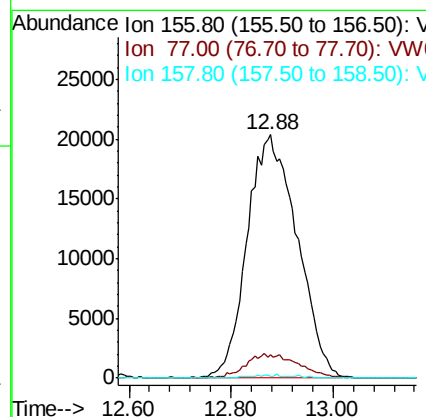
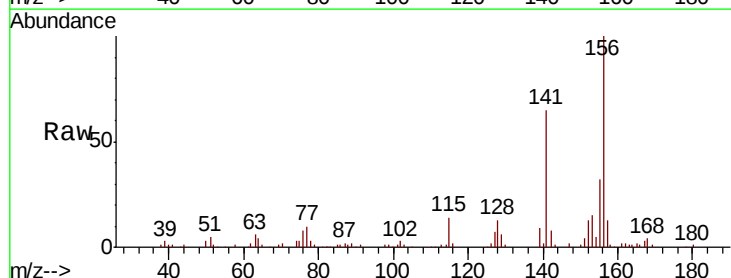
Instrument :
 MSVOA_W
 ClientSampleId :

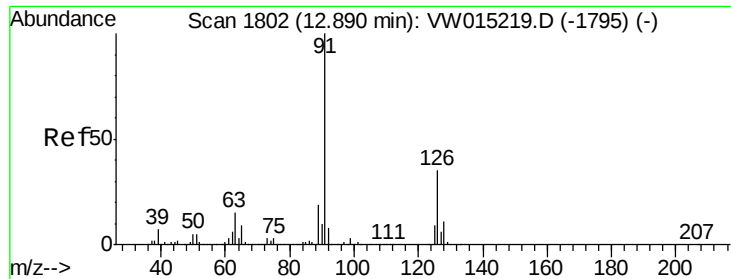
Tot Ion: 75 Resp: 1227
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 4277.824 ug/l
 RT: 12.88 min Scan# 1800
 Delta R.T. 0.13 min
 Lab File: VW015265.D
 Acq: 21 Apr 2020 16:22

Tgt Ion: 156 Resp: 138400
 Ion Ratio Lower Upper
 156 100
 77 9.9 100.5 301.5#
 158 0.6 47.9 143.8#





#79

2-Chlorotoluene

Concen: 1.656 ug/l

RT: 12.88 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

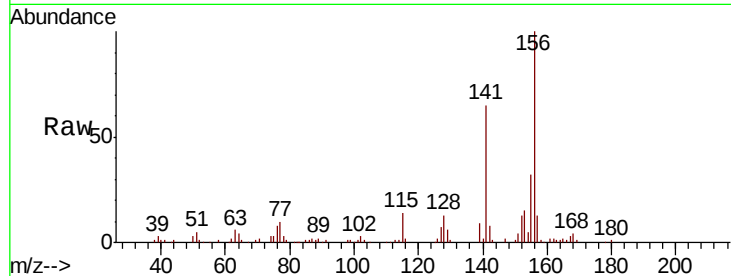
ClientSampleId :

Tot Ion: 91 Resp: 153

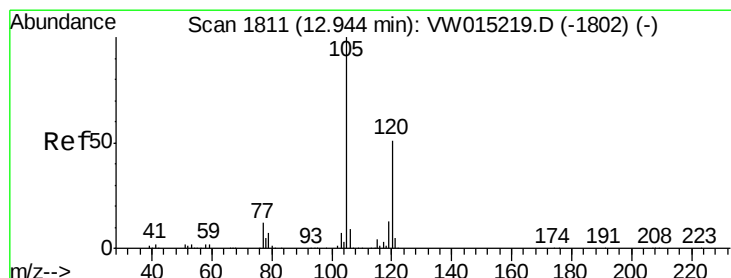
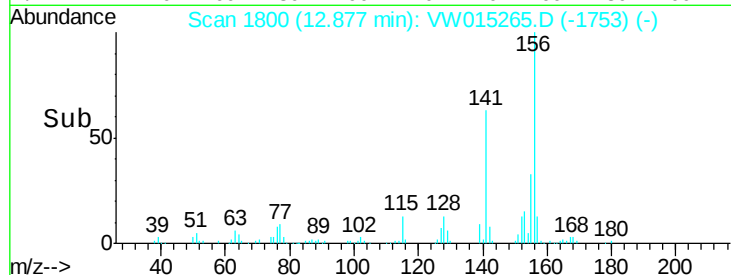
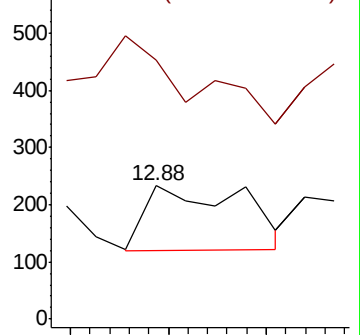
Ion Ratio Lower Upper

91 100

126 1445.8 16.8 50.4#



Abundance Ion 91.00 (90.70 to 91.70): VW



#80

1,3,5-Trimethylbenzene

Concen: 1.261 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW015265.D

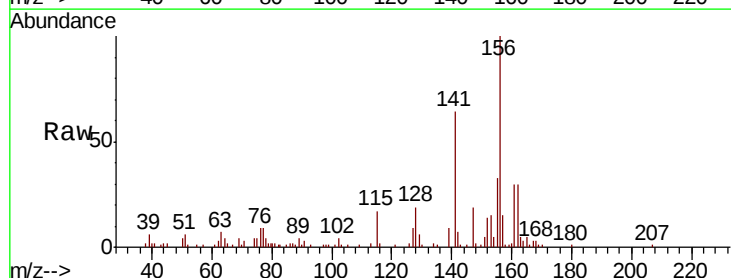
Acq: 21 Apr 2020 16:22

Tgt Ion:105 Resp: 153

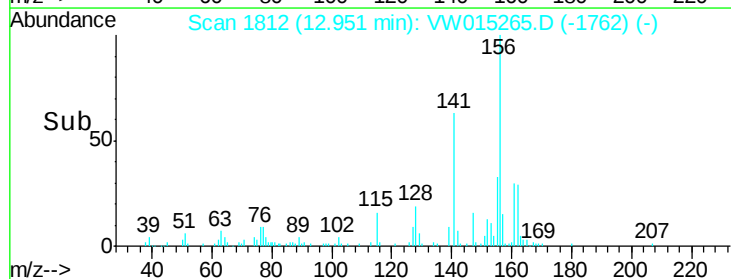
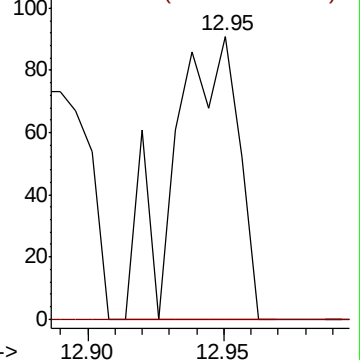
Ion Ratio Lower Upper

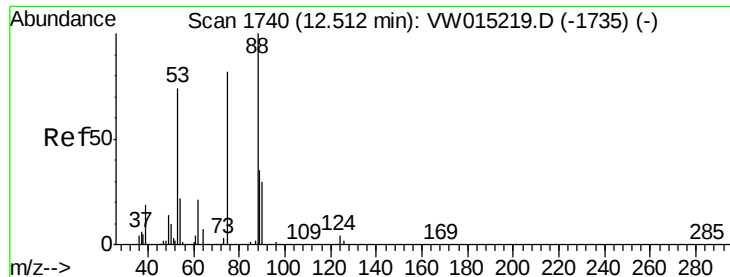
105 100

120 0.0 24.9 74.8#



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.600 ug/l

RT: 12.50 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

ClientSampled :

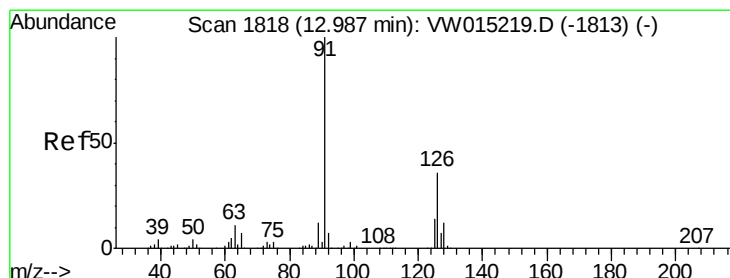
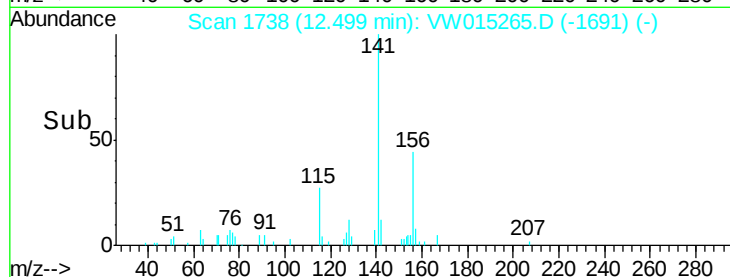
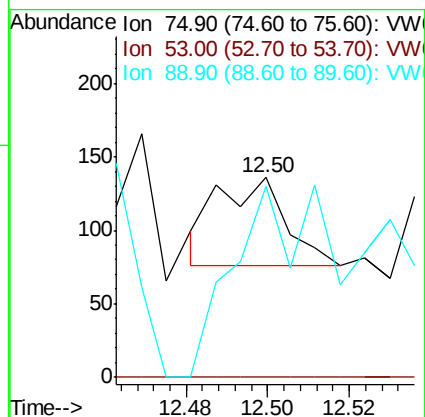
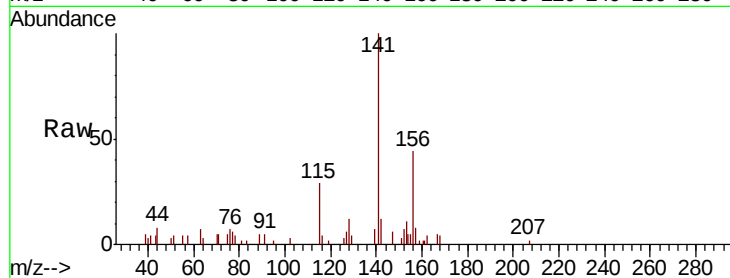
Tot Ion: 75 Resp: 69

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 331.9 34.8 52.2#



#82

4-Chlorotoluene

Concen: 1.009 ug/l

RT: 12.93 min Scan# 1808

Delta R.T. -0.06 min

Lab File: VW015265.D

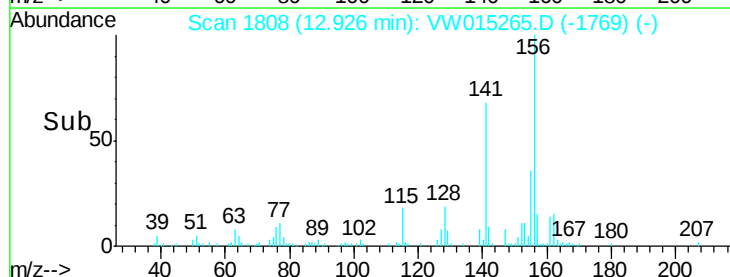
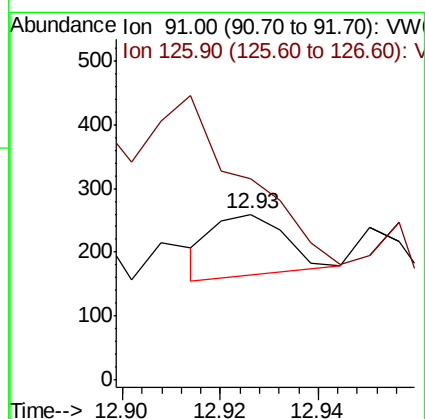
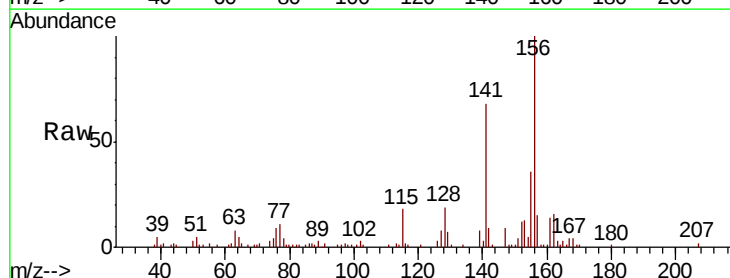
Acq: 21 Apr 2020 16:22

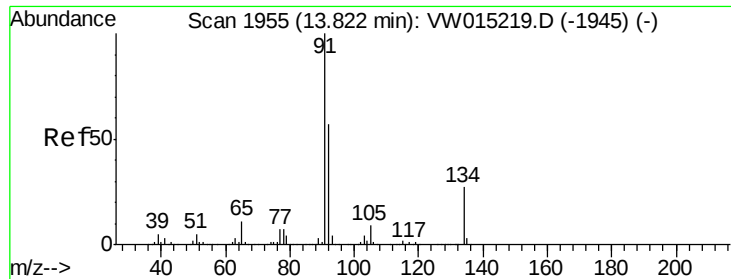
Tgt Ion: 91 Resp: 99

Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.3#





#89

n-Butylbenzene

Concen: 1.102 ug/l

RT: 13.84 min Scan# 1958

Delta R.T. 0.02 min

Lab File: VW015265.D

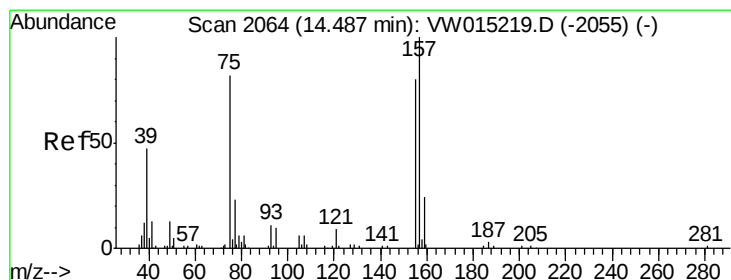
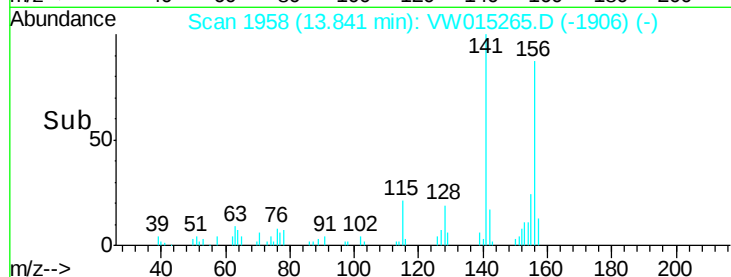
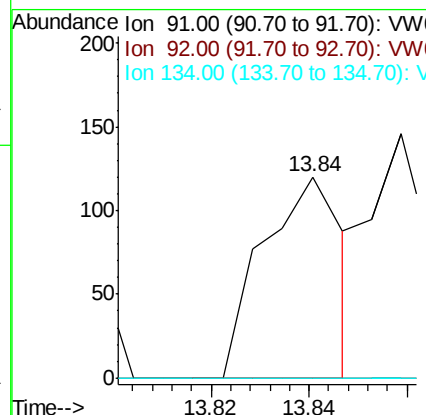
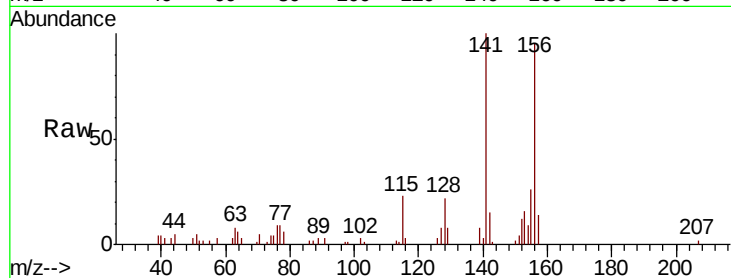
Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	91	Resp:	137
Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.6	82.7#
134	0.0	12.8	38.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 85.678 ug/l

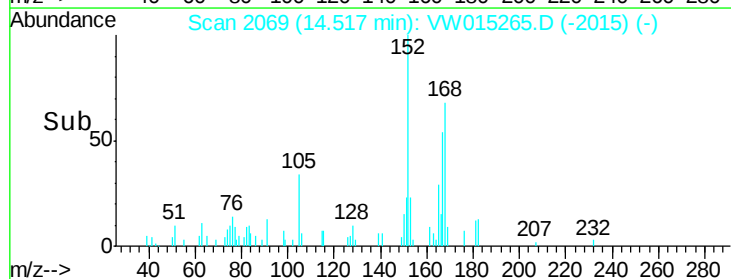
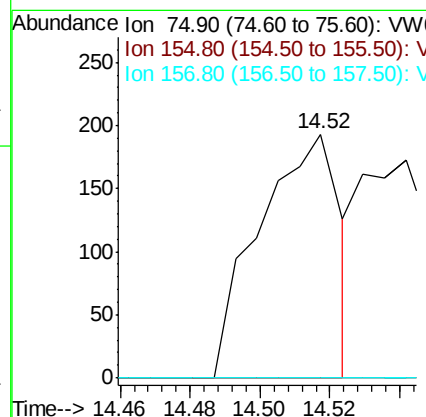
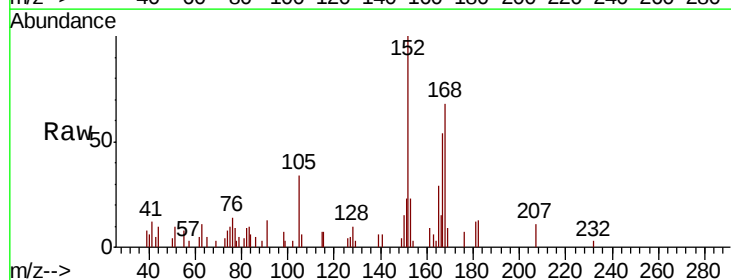
RT: 14.52 min Scan# 2069

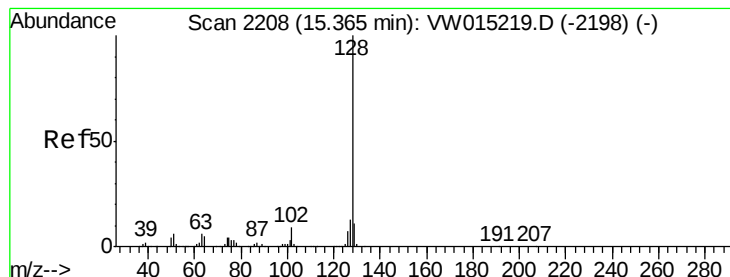
Delta R.T. 0.03 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Tgt Ion:	75	Resp:	310
Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.6	124.9#
157	0.0	53.8	161.2#





#95

Naphthalene

Concen: 18.445 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:128 Resp: 1152

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 2.6 8.6 12.8#

