

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060220\
 Data File : VW015521.D
 Acq On : 02 Jun 2020 11:50
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 02 13:20:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 12:43:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	373198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161073	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	24388	9.47	ug/l	0.00
Spiked Amount			Recovery	=	18.94%	
35) Dibromofluoromethane	7.88	113	21746	10.12	ug/l	0.00
Spiked Amount			Recovery	=	20.24%	
50) Toluene-d8	10.32	98	86791	9.83	ug/l	0.00
Spiked Amount			Recovery	=	19.66%	
62) 4-Bromofluorobenzene	12.62	95	30654	9.40	ug/l	0.00
Spiked Amount			Recovery	=	18.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	12716	9.345	ug/l	97
3) Chloromethane	2.21	50	16747	9.902	ug/l	95
4) Vinyl Chloride	2.36	62	25782	10.024	ug/l	97
5) Bromomethane	2.78	94	18148	9.028	ug/l	98
6) Chloroethane	2.93	64	16503	9.318	ug/l	98
7) Trichlorofluoromethane	3.26	101	18857	9.926	ug/l	99
8) Diethyl Ether	3.68	74	11961	9.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	23446	10.583	ug/l	99
10) Methyl Iodide	4.26	142	33874	10.112	ug/l	100
11) Tert butyl alcohol	5.18	59	9712	61.864	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	23119	10.116	ug/l	95
13) Acrolein	3.89	56	7947	43.129	ug/l	97
14) Allyl chloride	4.67	41	38954	9.738	ug/l	98
15) Acrylonitrile	5.38	53	23416	47.655	ug/l	100
16) Acetone	4.12	43	23453	52.348	ug/l	95
17) Carbon Disulfide	4.38	76	70175	10.060	ug/l	100
18) Methyl Acetate	4.68	43	11147	10.170	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	36131	9.745	ug/l	100
20) Methylene Chloride	4.92	84	27727	10.447	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	26119	10.041	ug/l	97
22) Diisopropyl ether	6.32	45	73209	9.370	ug/l	98
23) Vinyl Acetate	6.26	43	211755	44.360	ug/l	97
24) 1,1-Dichloroethane	6.22	63	46804	9.973	ug/l	97
25) 2-Butanone	7.18	43	30466	46.354	ug/l	98
26) 2,2-Dichloropropane	7.17	77	34353	11.004	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	28356	10.010	ug/l	96
28) Bromochloromethane	7.51	49	16720	8.972	ug/l	97
29) Tetrahydrofuran	7.54	42	18957	45.133	ug/l	99
30) Chloroform	7.68	83	47378	10.137	ug/l	98
31) Cyclohexane	7.96	56	48418	10.277	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	41193	10.496	ug/l	98
36) 1,1-Dichloropropene	8.09	75	39248	10.597	ug/l	99
37) Ethyl Acetate	7.26	43	14760	10.120	ug/l	99
38) Carbon Tetrachloride	8.07	117	37354	10.661	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	47937	10.221	ug/l	97
40) Benzene	8.32	78	105461	10.397	ug/l	99
41) Methacrylonitrile	7.48	41	7080	7.611	ug/l #	81
42) 1,2-Dichloroethane	8.40	62	31767	10.223	ug/l	100
43) Isopropyl Acetate	8.43	43	28738	9.362	ug/l	98
44) Trichloroethene	9.09	130	28132	10.685	ug/l	97
45) 1,2-Dichloropropane	9.37	63	25536	10.186	ug/l	99
46) Dibromomethane	9.46	93	12711	10.070	ug/l	97
47) Bromodichloromethane	9.65	83	34455	10.104	ug/l	98
48) Methyl methacrylate	9.44	41	12624	8.943	ug/l	98
49) 1,4-Dioxane	9.45	88	2860	175.040	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	65905	45.750	ug/l	99
52) Toluene	10.39	92	66421	10.099	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	32834	9.426	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	39391	9.655	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	17525	9.840	ug/l	96
56) Ethyl methacrylate	10.65	69	21712	8.925	ug/l	97
57) 1,3-Dichloropropane	10.93	76	31603	9.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	53220	45.960	ug/l	98
59) 2-Hexanone	10.97	43	44485	45.135	ug/l	99
60) Dibromochloromethane	11.13	129	20912	9.743	ug/l	99
61) 1,2-Dibromoethane	11.24	107	17042	10.095	ug/l	97
64) Tetrachloroethene	10.86	164	23886	11.525	ug/l	91
65) Chlorobenzene	11.66	112	69677	10.442	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	24611	10.381	ug/l	99
67) Ethyl Benzene	11.73	91	131758	10.338	ug/l	99
68) m/p-Xylenes	11.84	106	96842	20.410	ug/l	97
69) o-Xylene	12.17	106	44506	9.997	ug/l	99
70) Styrene	12.18	104	75626	9.867	ug/l	100
71) Bromoform	12.35	173	11204	9.650	ug/l #	99
73) Isopropylbenzene	12.46	105	126016	10.340	ug/l	100
74) N-amyl acetate	12.27	43	25610	8.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	19017	9.876	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	25454	19.193	ug/l #	100
77) Bromobenzene	12.75	156	27196	10.456	ug/l	99
78) n-propylbenzene	12.80	91	150461	10.304	ug/l	100
79) 2-Chlorotoluene	12.89	91	87089	10.569	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	106945	10.445	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	5946	8.716	ug/l	96
82) 4-Chlorotoluene	12.99	91	88650	10.186	ug/l	99
83) tert-Butylbenzene	13.21	119	91623	10.488	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	107035	10.443	ug/l	98
85) sec-Butylbenzene	13.38	105	129642	10.532	ug/l	98
86) p-Isopropyltoluene	13.50	119	118006	10.512	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	54641	10.625	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	54339	10.626	ug/l	96
89) n-Butylbenzene	13.82	91	113085	10.345	ug/l	100
90) Hexachloroethane	14.10	117	21189	10.223	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	47514	10.570	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3312	9.845	ug/l	94

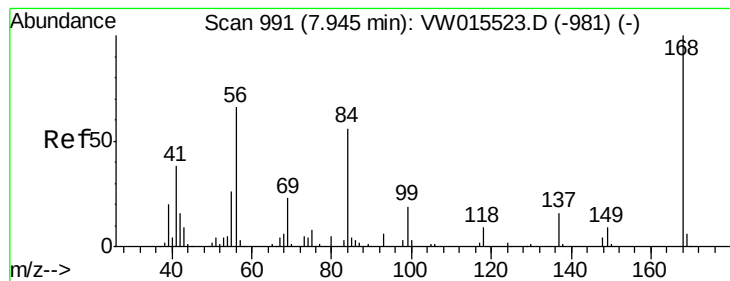
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	31054	10.287	ug/l	98
94) Hexachlorobutadiene	15.24	225	19493	10.904	ug/l	99
95) Naphthalene	15.36	128	50083	9.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	26286	10.112	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

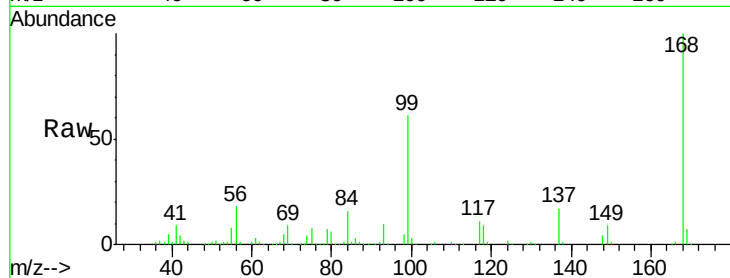
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 234760

Ion Ratio Lower Upper

168 100

99 61.1 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

120000

100000

80000

60000

40000

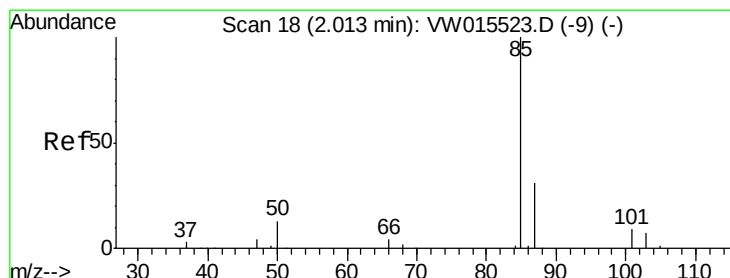
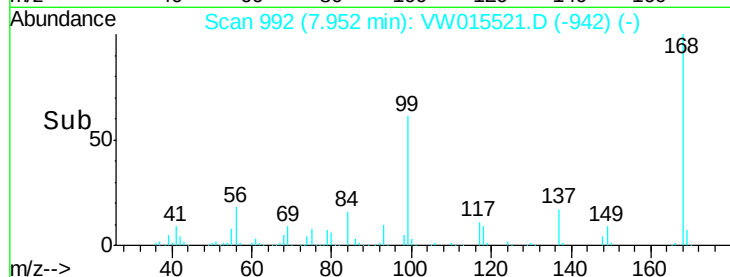
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 9.345 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015521.D

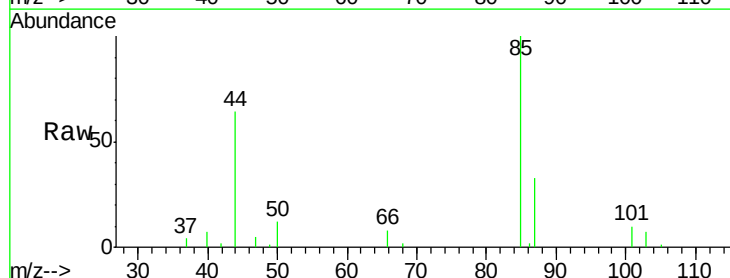
Acq: 02 Jun 2020 11:50

Tgt Ion: 85 Resp: 12716

Ion Ratio Lower Upper

85 100

87 32.7 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

3000

2000

1000

0

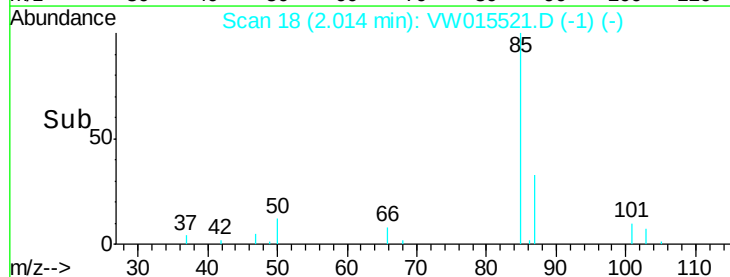
1.90

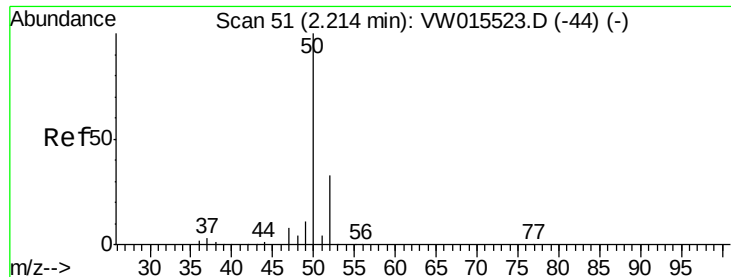
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 9.902 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

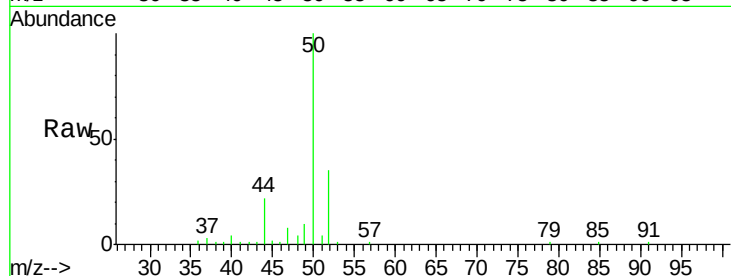
ClientSampled :

Tot Ion: 50 Resp: 16747

Ion Ratio Lower Upper

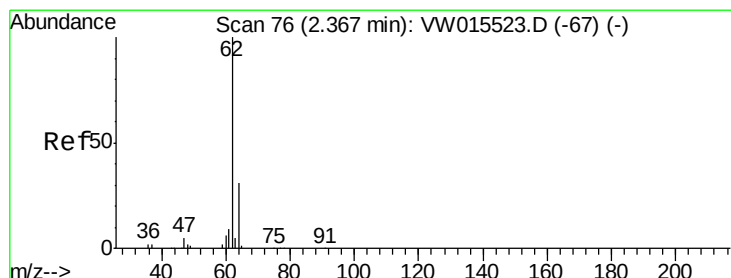
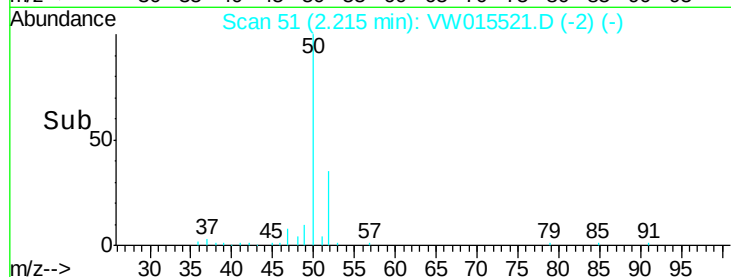
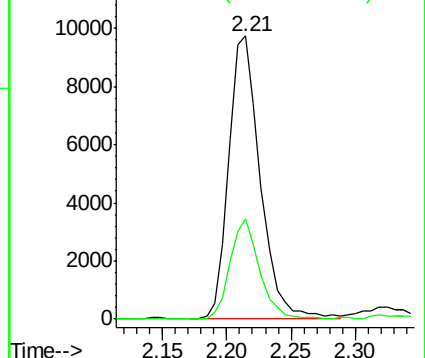
50 100

52 35.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 10.024 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015521.D

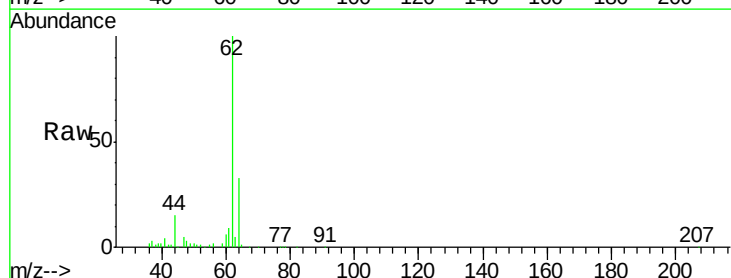
Acq: 02 Jun 2020 11:50

Tgt Ion: 62 Resp: 25782

Ion Ratio Lower Upper

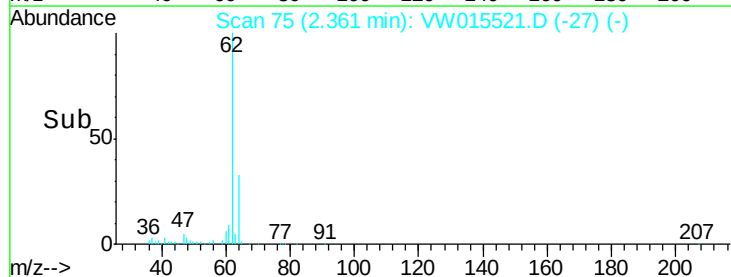
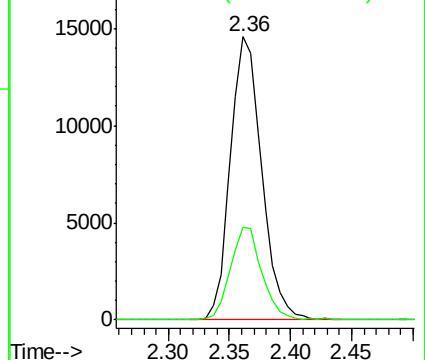
62 100

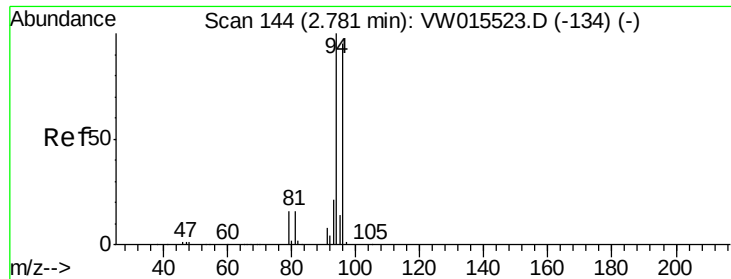
64 32.6 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 9.028 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

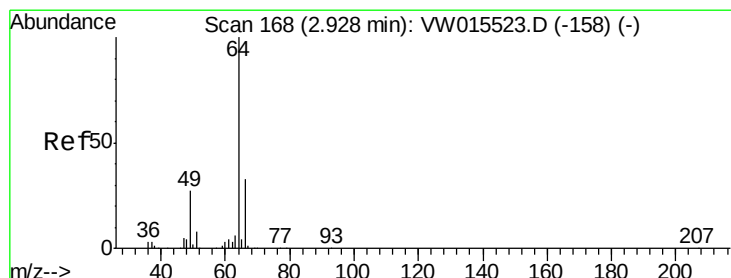
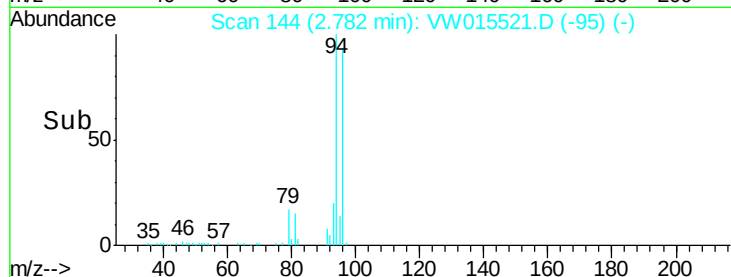
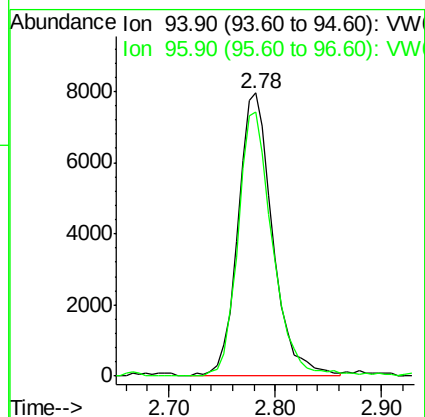
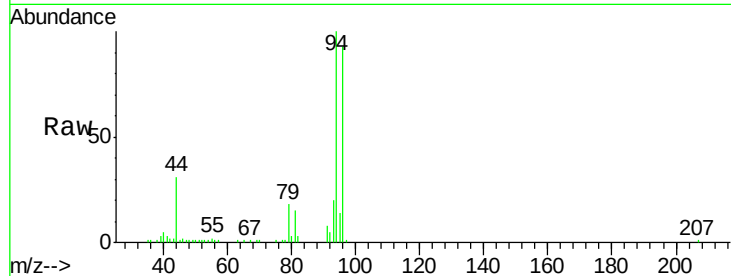
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 18148

Ion Ratio Lower Upper

94 100

96 93.1 76.0 114.0



#6

Chloroethane

Concen: 9.318 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015521.D

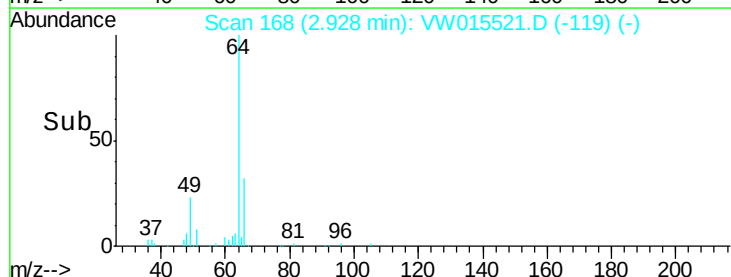
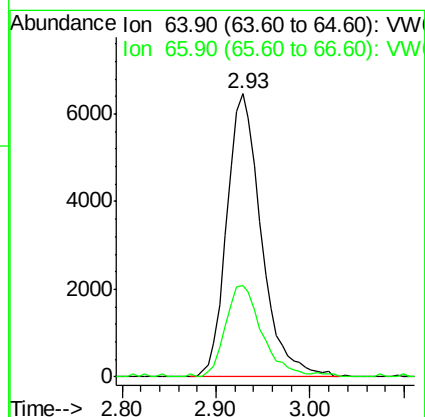
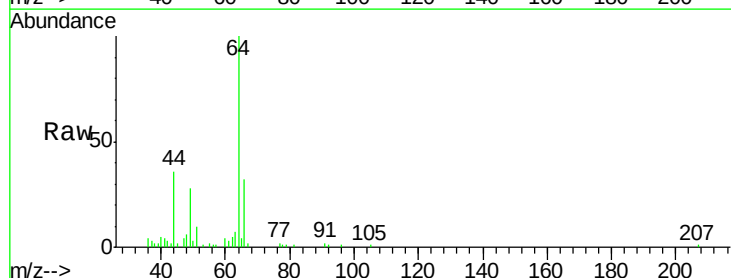
Acq: 02 Jun 2020 11:50

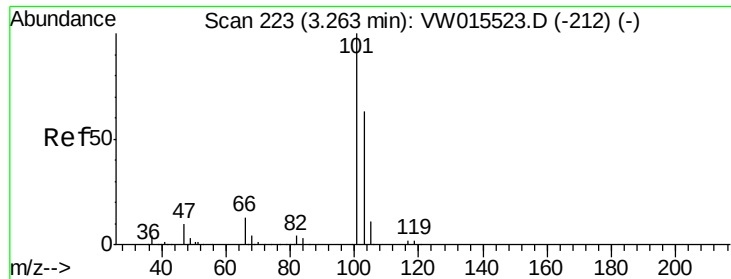
Tgt Ion: 64 Resp: 16503

Ion Ratio Lower Upper

64 100

66 32.4 26.8 40.2



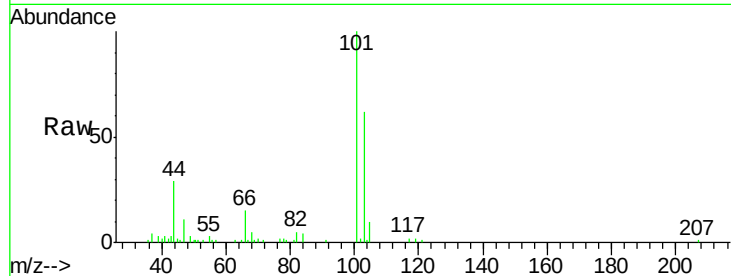


#7

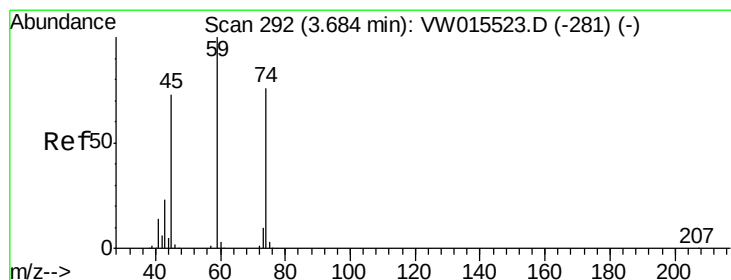
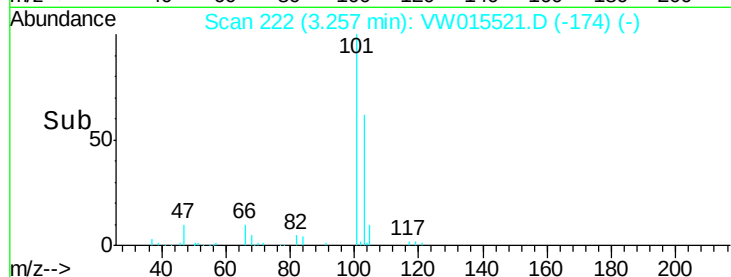
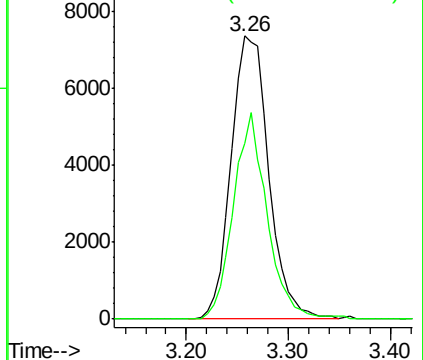
Trichlorofluoromethane
Concen: 9.926 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:101 Resp: 18857
Ion Ratio Lower Upper
101 100
103 62.3 50.2 75.2



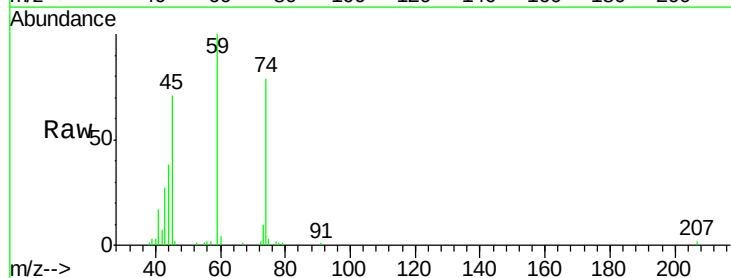
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



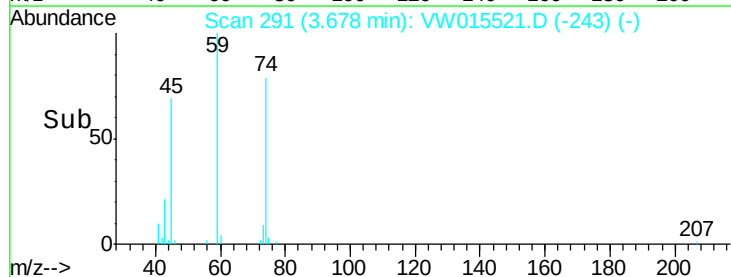
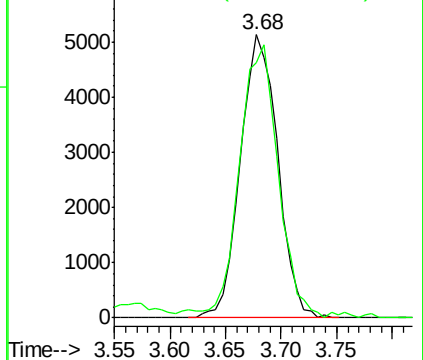
#8

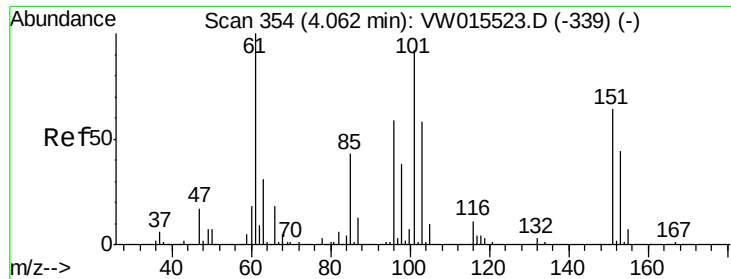
Diethyl Ether
Concen: 9.993 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion: 74 Resp: 11961
Ion Ratio Lower Upper
74 100
45 100.1 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.583 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

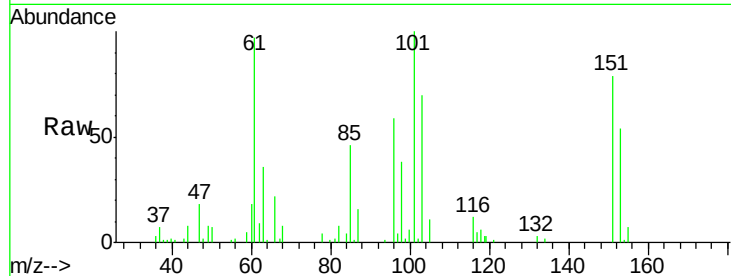
Tot Ion:101 Resp: 23446

Ion Ratio Lower Upper

101 100

85 46.4 37.0 55.6

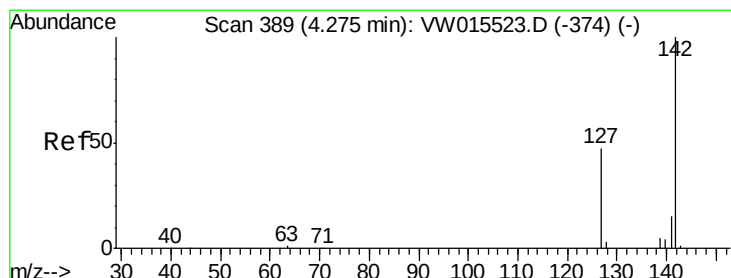
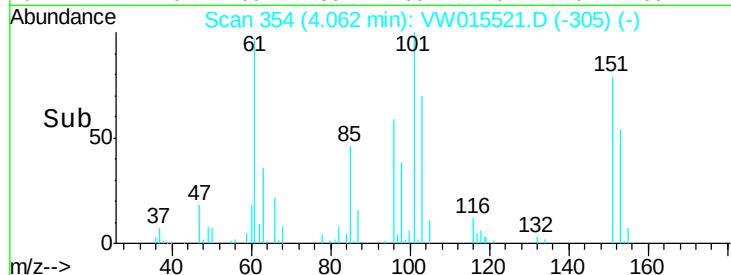
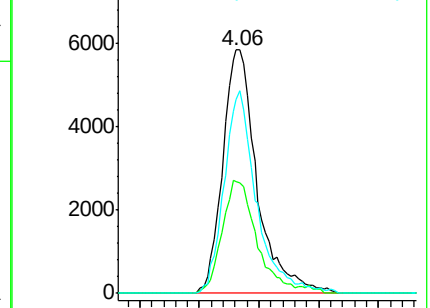
151 78.3 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.112 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

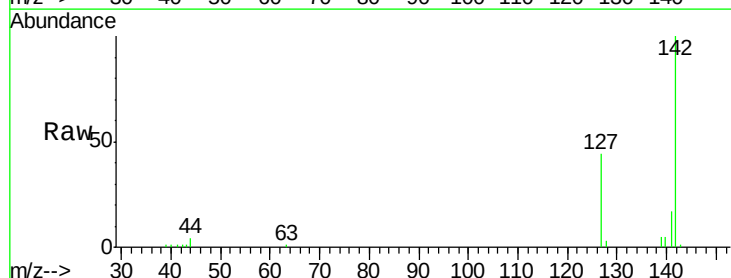
Tgt Ion:142 Resp: 33874

Ion Ratio Lower Upper

142 100

127 46.2 36.9 55.3

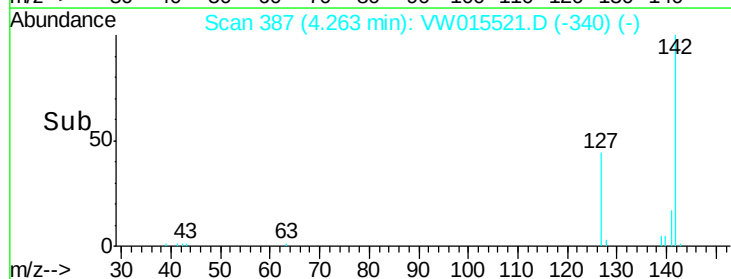
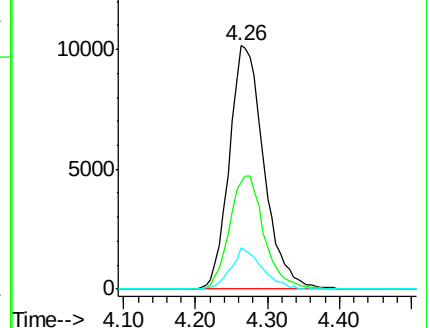
141 15.2 11.7 17.5

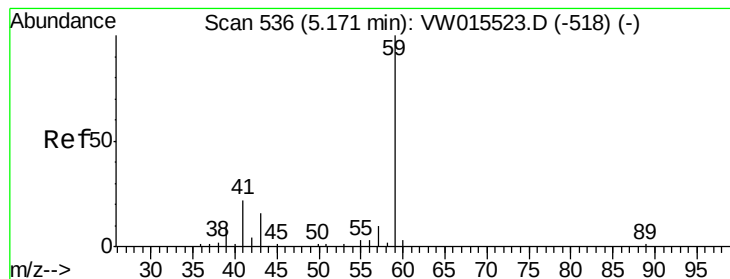


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



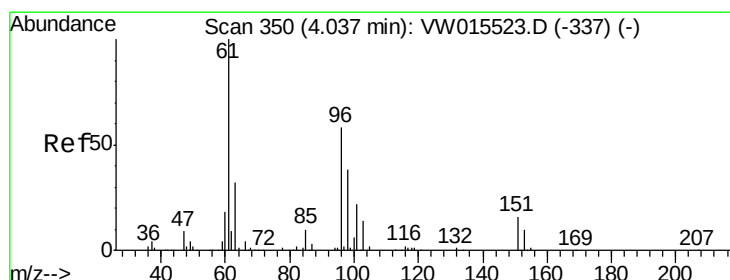
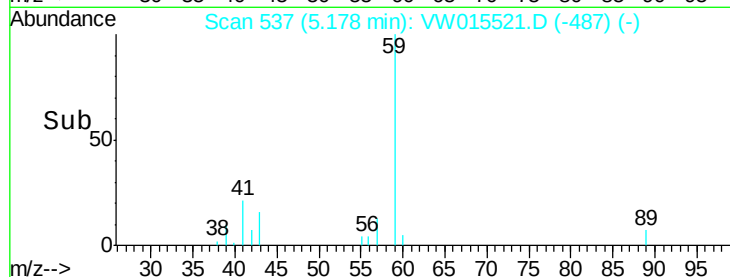
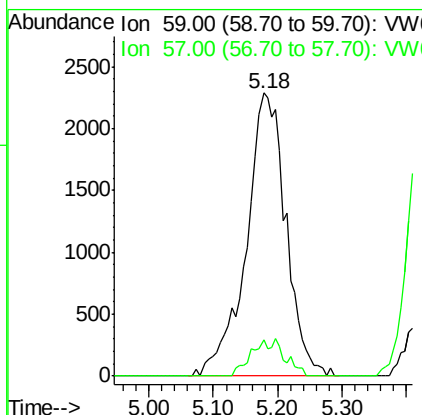
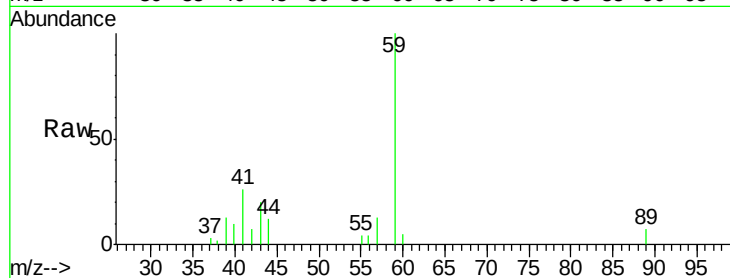


#11

Tert butyl alcohol
 Concen: 61.864 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Instrument :
 MSVOA_W
 ClientSampled :

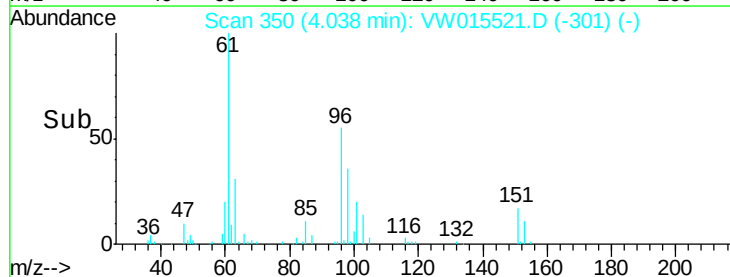
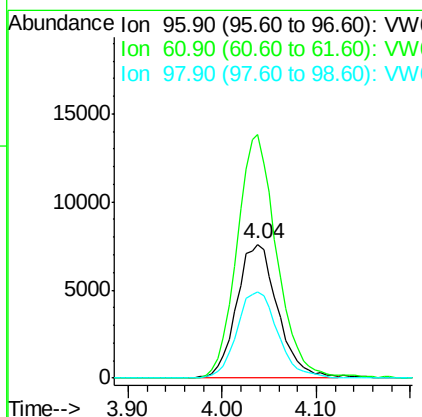
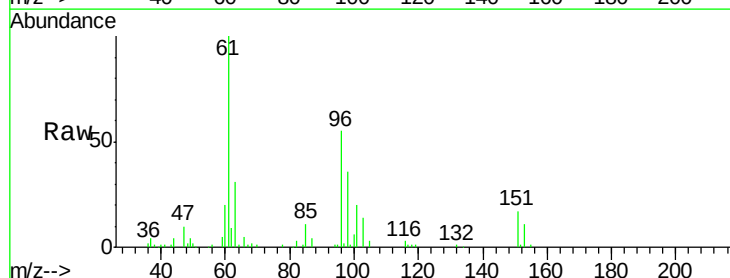
Tot Ion: 59 Resp: 9712
 Ion Ratio Lower Upper
 59 100
 57 5.7 8.3 12.5#

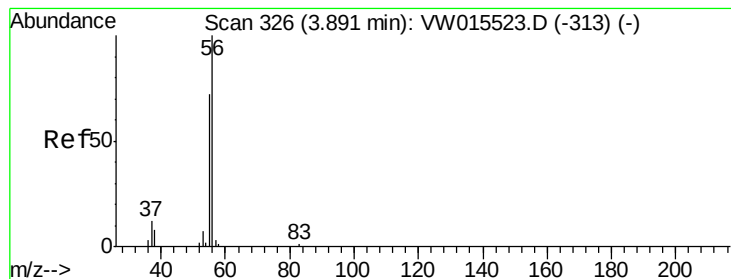


#12

1,1-Dichloroethene
 Concen: 10.116 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion: 96 Resp: 23119
 Ion Ratio Lower Upper
 96 100
 61 181.5 138.3 207.5
 98 64.5 52.2 78.4





#13

Acrolein

Concen: 43.129 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

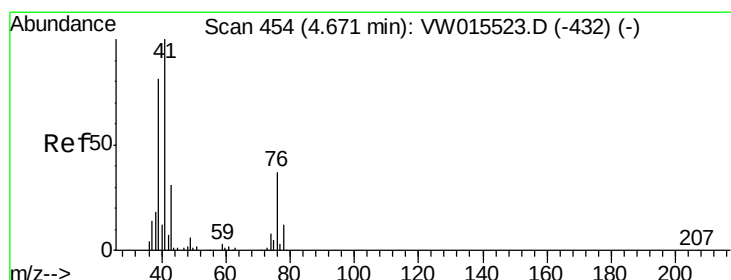
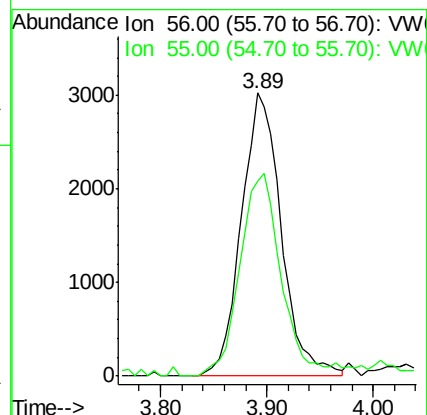
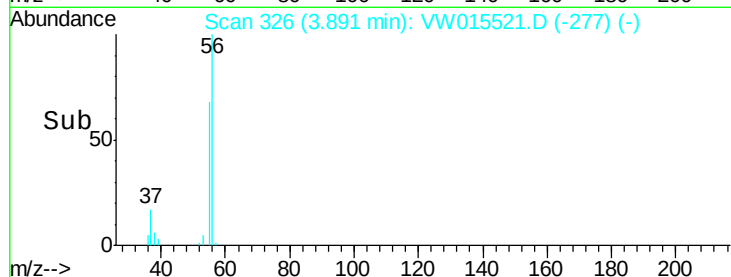
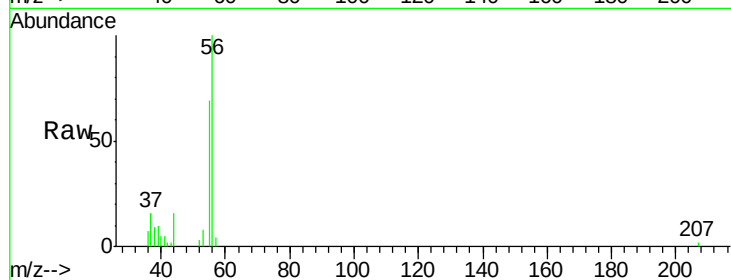
ClientSampleId :

Tot Ion: 56 Resp: 7947

Ion Ratio Lower Upper

56 100

55 73.0 56.5 84.7



#14

Allyl chloride

Concen: 9.738 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

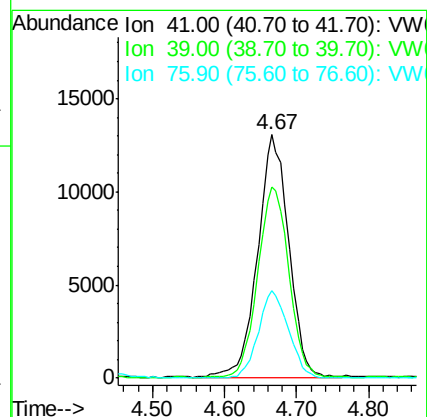
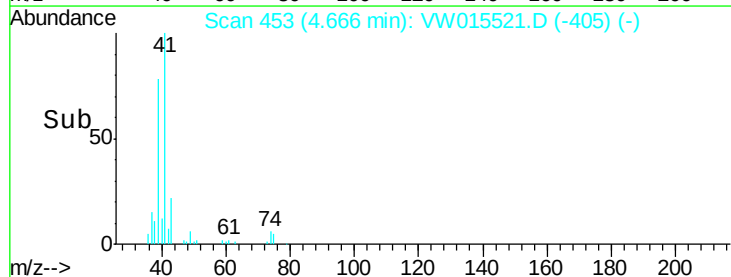
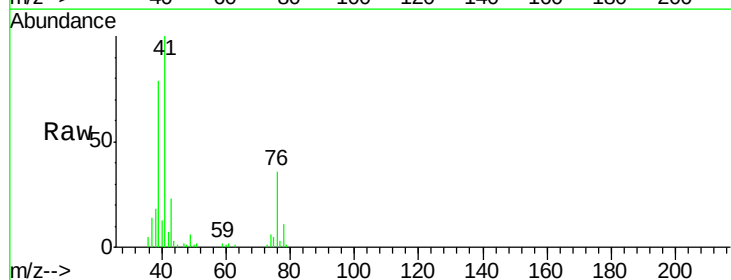
Tgt Ion: 41 Resp: 38954

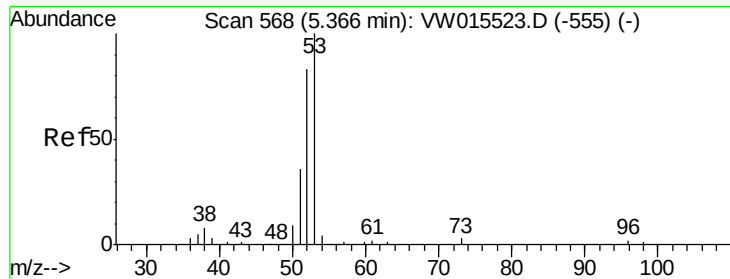
Ion Ratio Lower Upper

41 100

39 80.4 63.1 94.7

76 34.9 28.6 43.0





#15

Acrylonitrile

Concen: 47.655 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

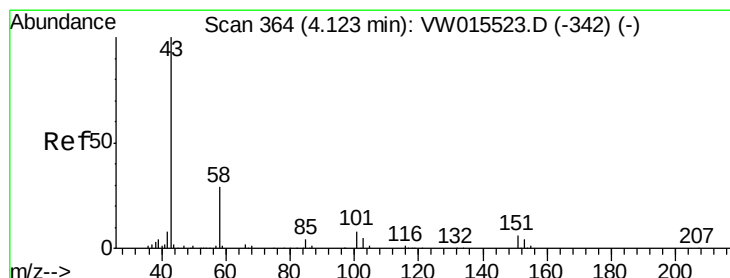
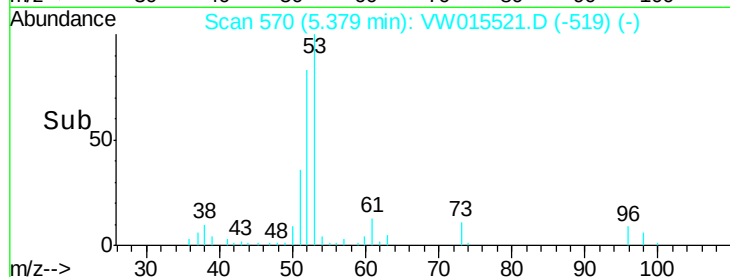
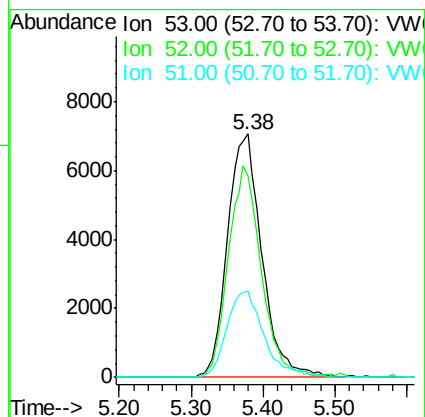
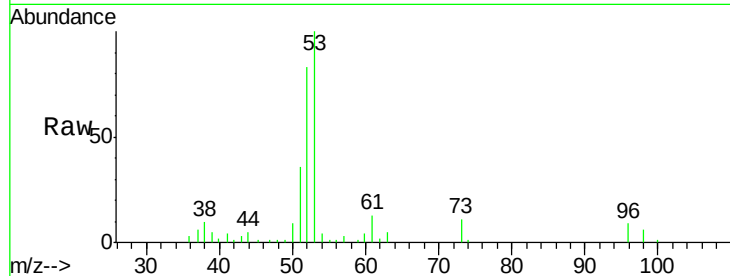
Tot Ion: 53 Resp: 23416

Ion Ratio Lower Upper

53 100

52 82.7 66.1 99.1

51 38.4 30.2 45.4



#16

Acetone

Concen: 52.348 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015521.D

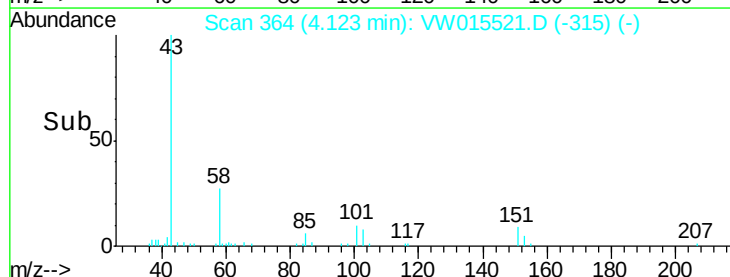
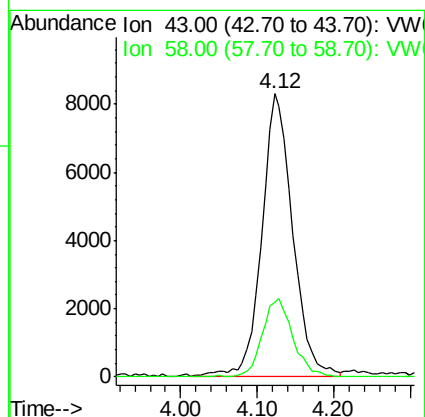
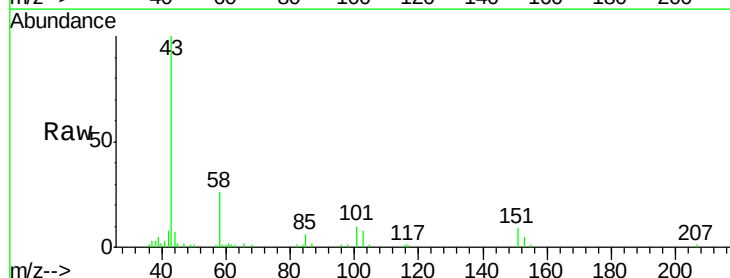
Acq: 02 Jun 2020 11:50

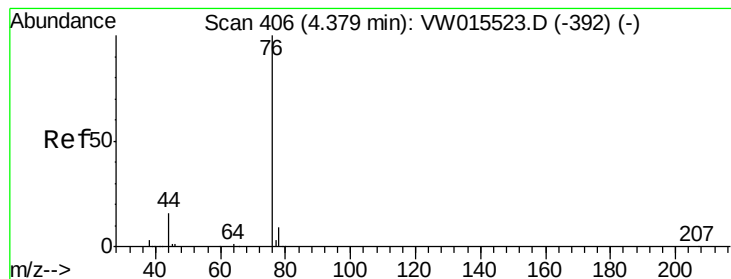
Tgt Ion: 43 Resp: 23453

Ion Ratio Lower Upper

43 100

58 26.4 23.1 34.7





#17

Carbon Disulfide

Concen: 10.060 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

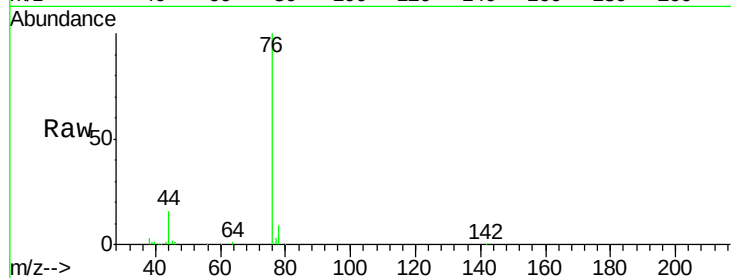
ClientSampled :

Tot Ion: 76 Resp: 70175

Ion Ratio Lower Upper

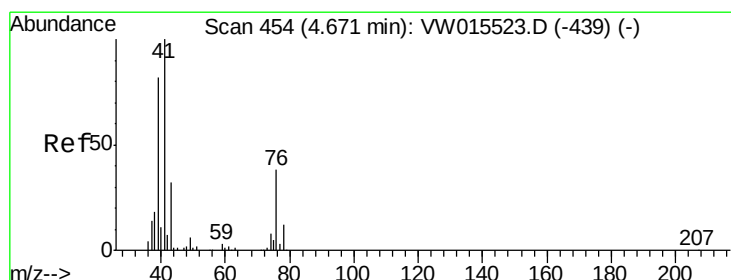
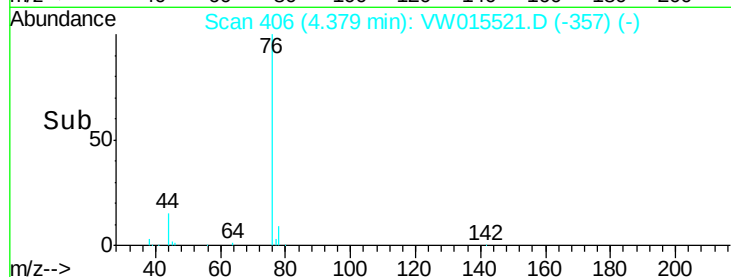
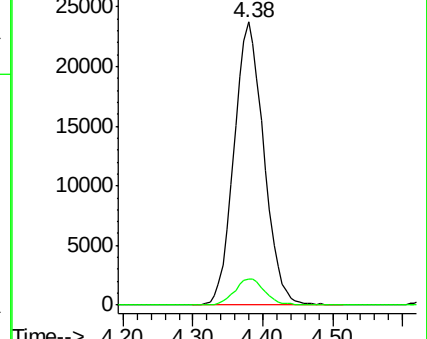
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 10.170 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015521.D

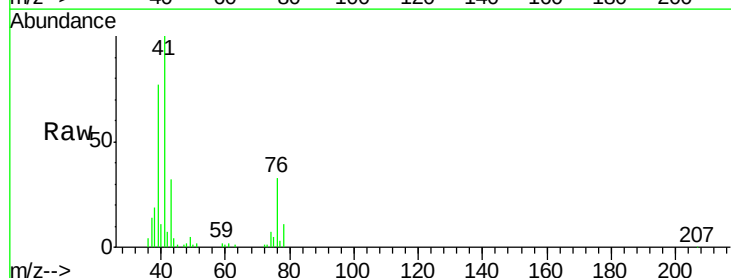
Acq: 02 Jun 2020 11:50

Tgt Ion: 43 Resp: 11147

Ion Ratio Lower Upper

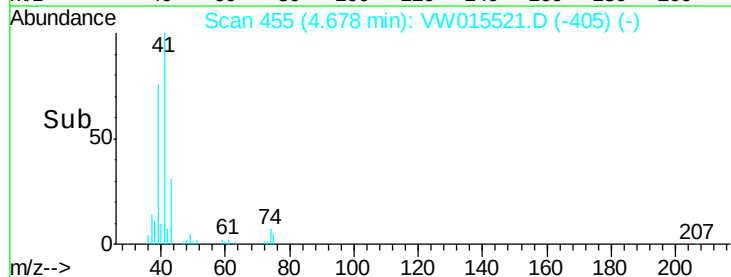
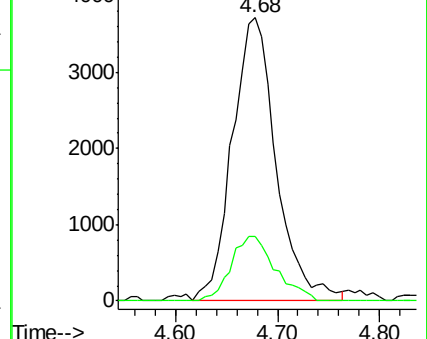
43 100

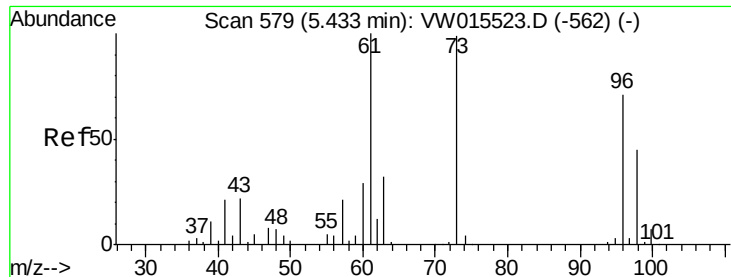
74 23.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

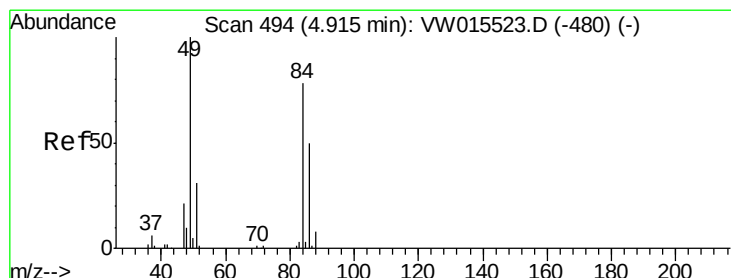
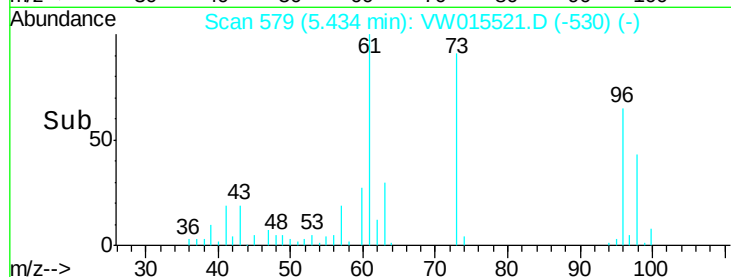
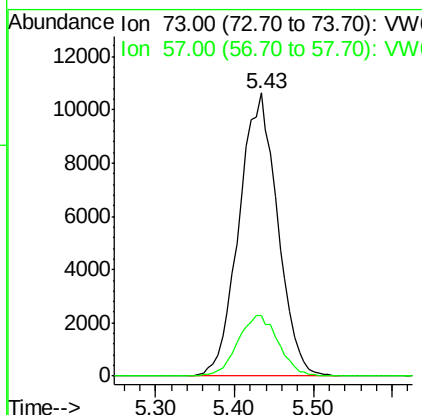
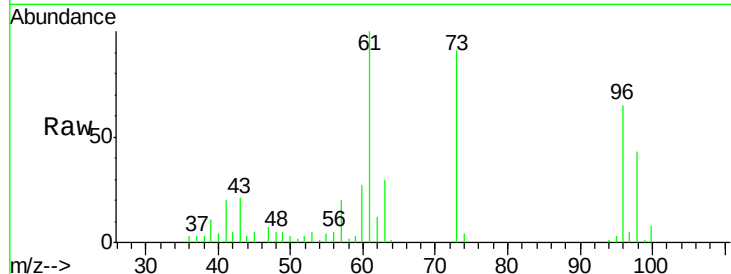




#19
Methyl tert-butyl Ether
Concen: 9.745 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

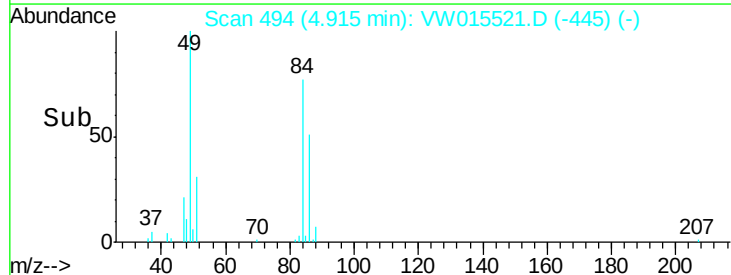
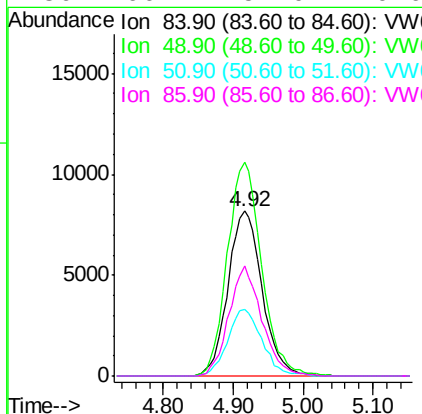
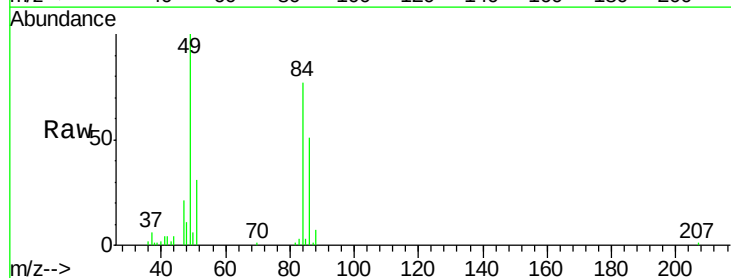
Instrument :
MSVOA_W
ClientSampled :

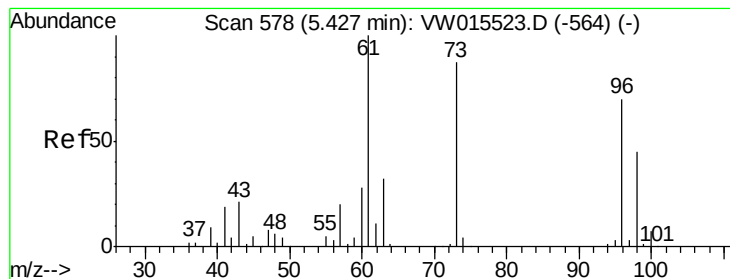
Tot Ion: 73 Resp: 36131
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7



#20
Methylene Chloride
Concen: 10.447 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion: 84 Resp: 27727
Ion Ratio Lower Upper
84 100
49 129.7 102.8 154.2
51 40.1 31.4 47.2
86 66.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 10.041 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

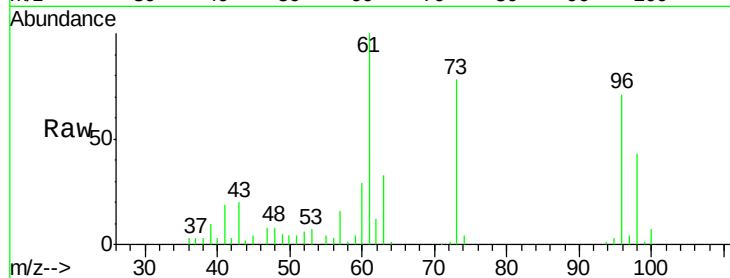
Tot Ion: 96 Resp: 26119

Ion Ratio Lower Upper

96 100

61 140.3 114.3 171.5

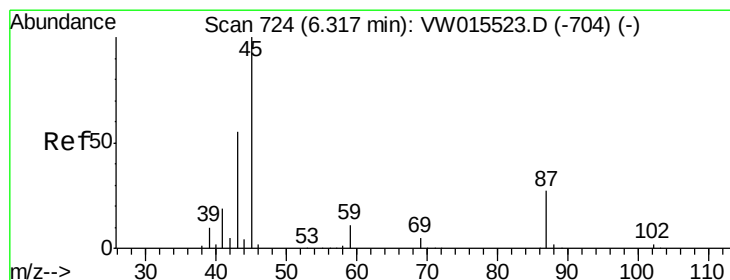
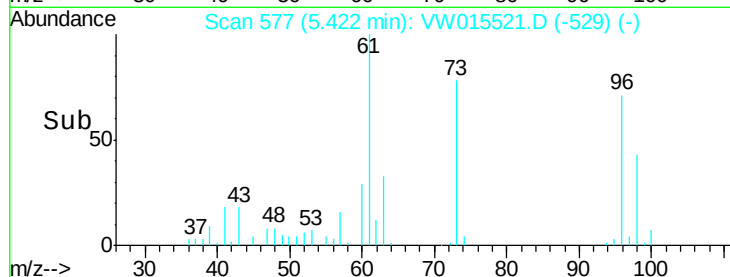
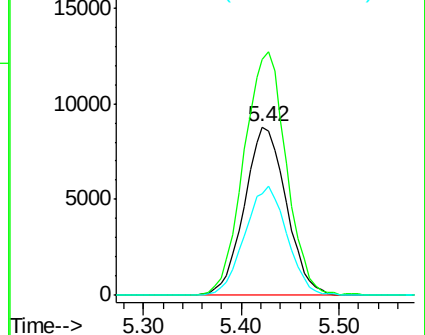
98 60.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 9.370 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Tgt Ion: 45 Resp: 73209

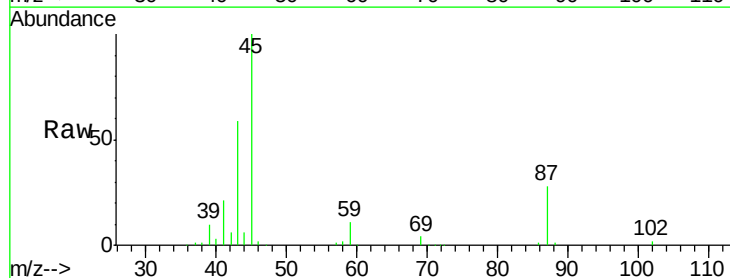
Ion Ratio Lower Upper

45 100

43 57.6 44.1 66.1

87 27.6 21.8 32.8

59 11.3 9.0 13.6

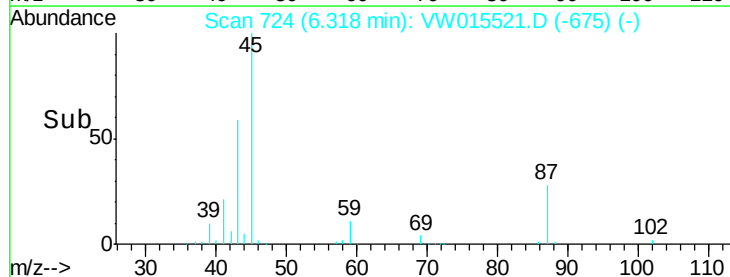
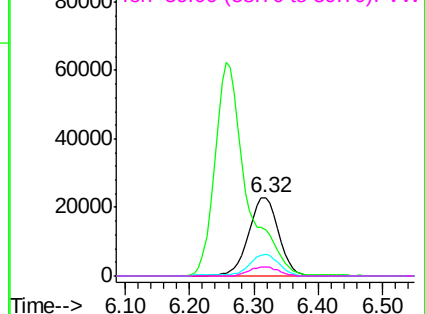


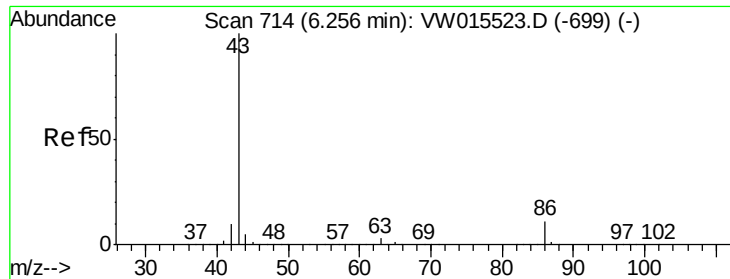
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

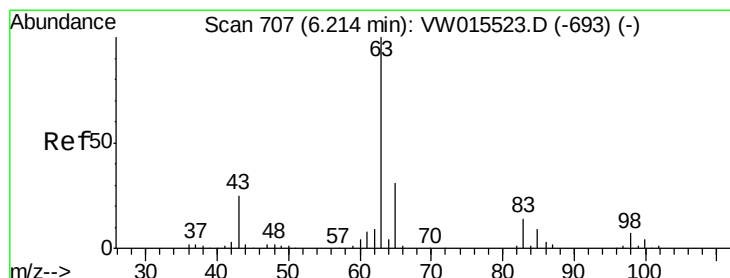
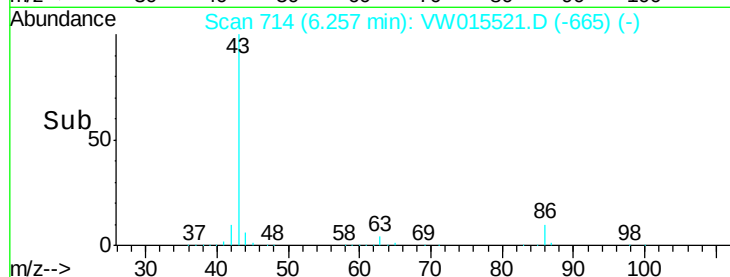
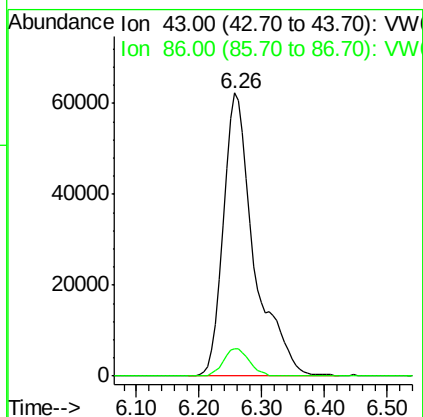
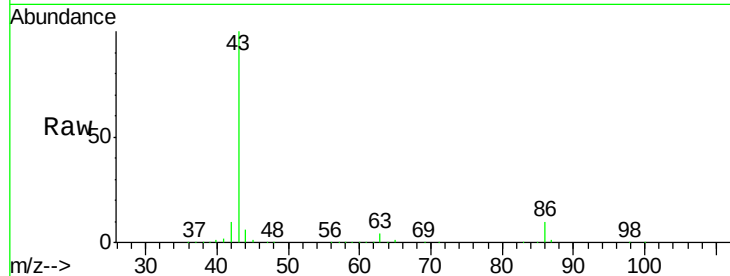




#23
 Vinyl Acetate
 Concen: 44.360 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

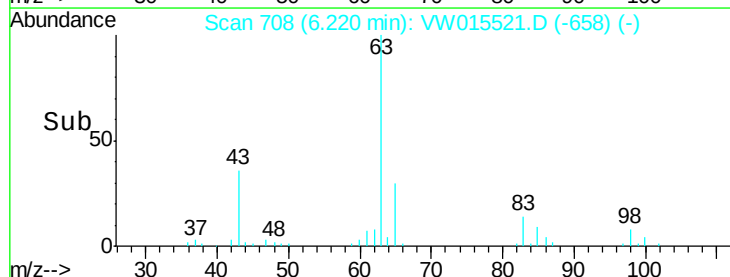
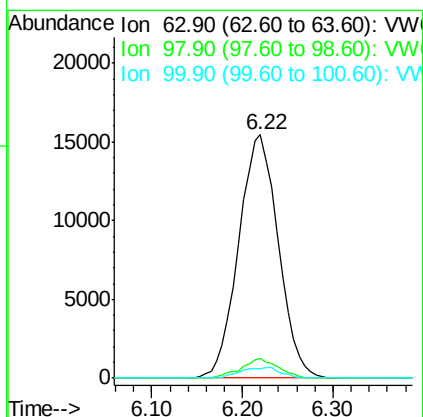
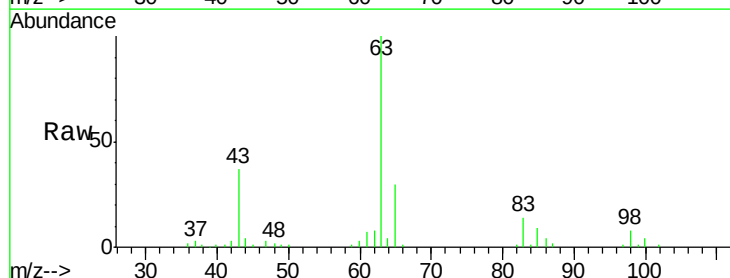
Instrument :
 MSVOA_W
 ClientSampled :

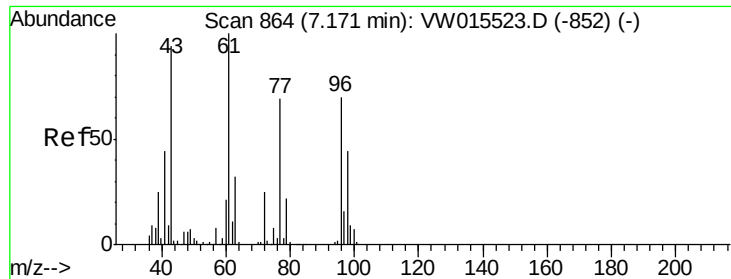
Tot Ion: 43 Resp: 211755
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 9.973 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion: 63 Resp: 46804
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.4 10.1
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 46.354 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

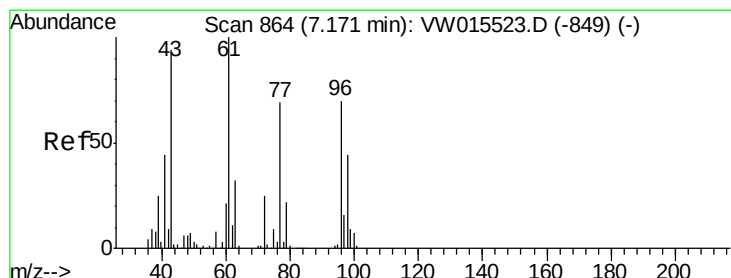
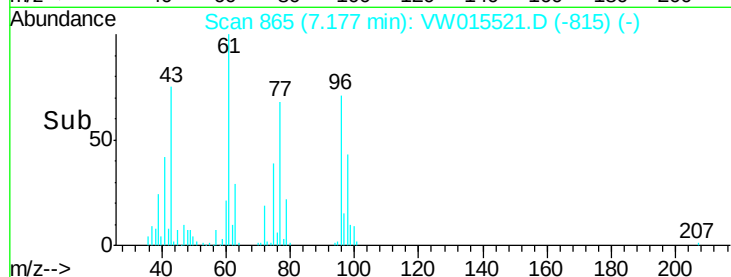
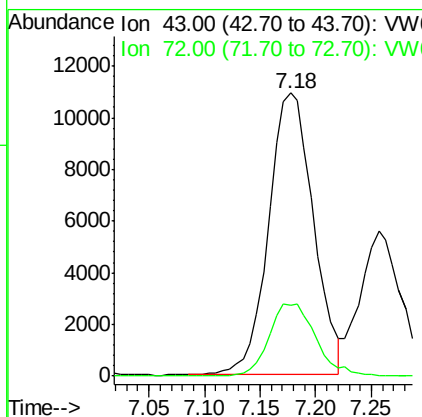
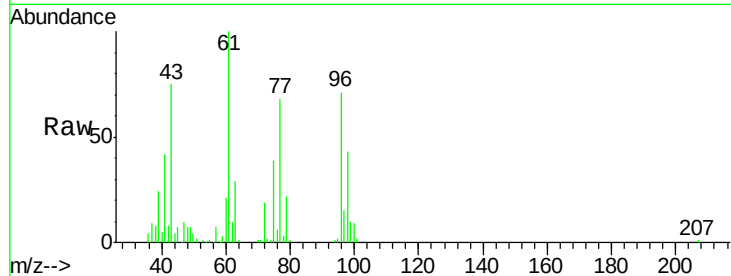
ClientSampled :

Tot Ion: 43 Resp: 30466

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.4



#26

2,2-Dichloropropane

Concen: 11.004 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015521.D

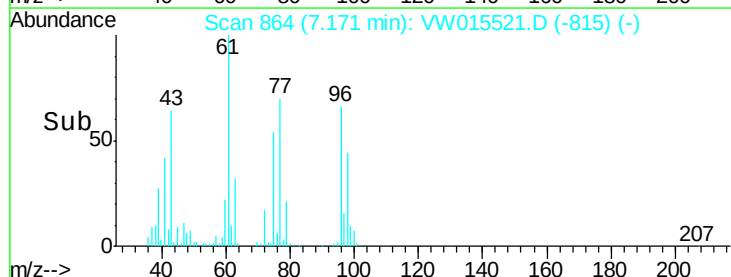
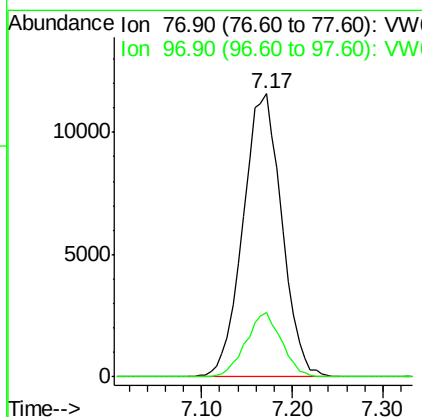
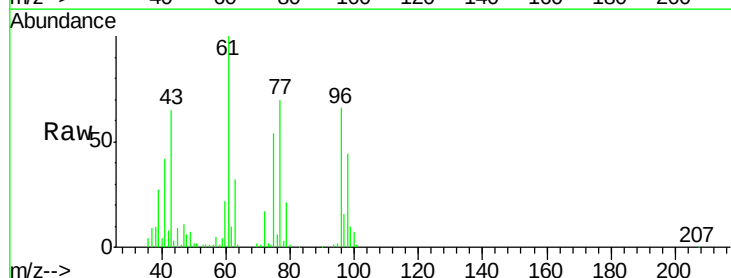
Acq: 02 Jun 2020 11:50

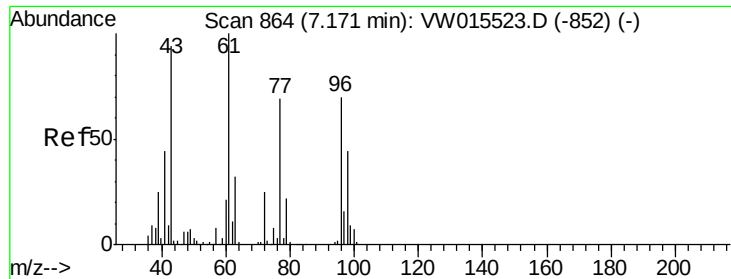
Tgt Ion: 77 Resp: 34353

Ion Ratio Lower Upper

77 100

97 20.8 11.1 33.3



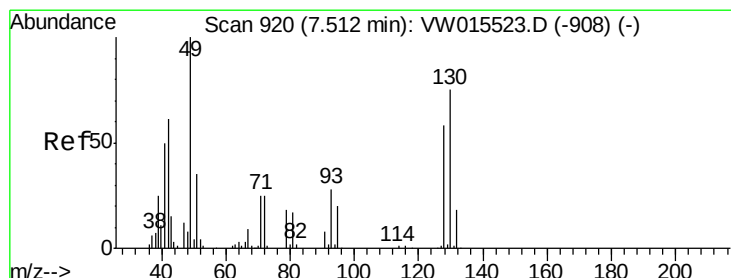
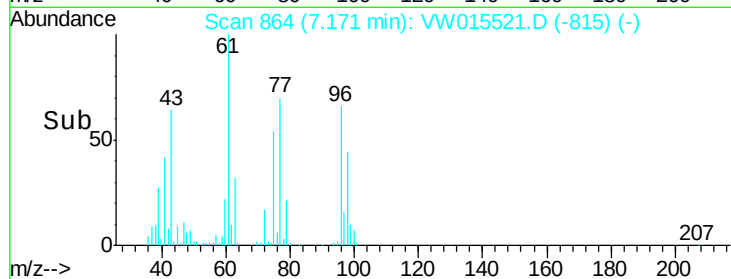
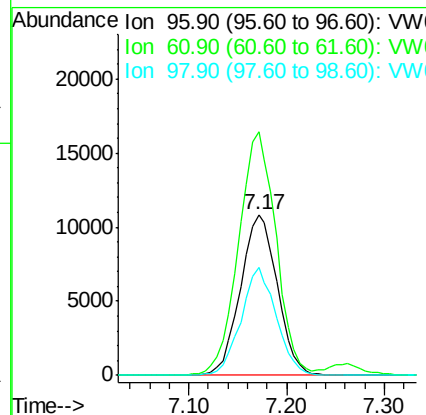
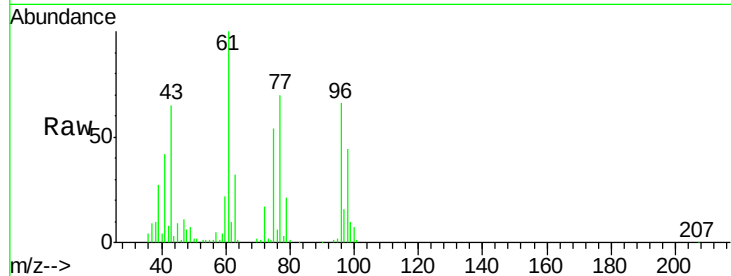


#27

cis-1,2-Dichloroethene
Concen: 10.010 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Instrument :
MSVOA_W
ClientSampled :

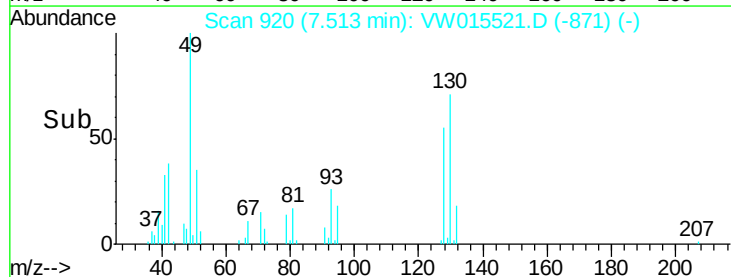
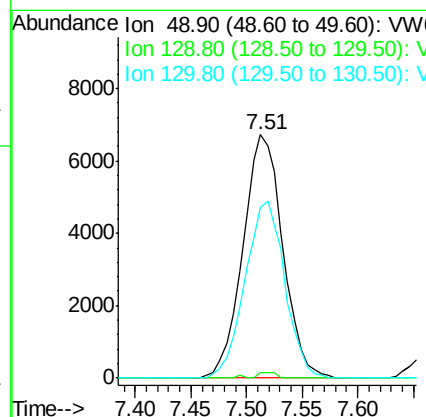
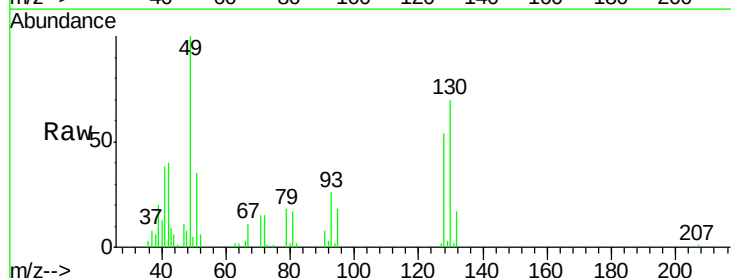
Tot Ion: 96 Resp: 28356
Ion Ratio Lower Upper
96 100
61 153.8 0.0 293.0
98 64.1 0.0 127.2

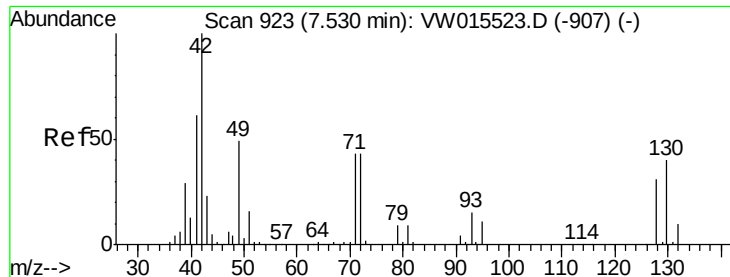


#28

Bromochloromethane
Concen: 8.972 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion: 49 Resp: 16720
Ion Ratio Lower Upper
49 100
129 1.0 0.0 2.0
130 72.4 59.7 89.5

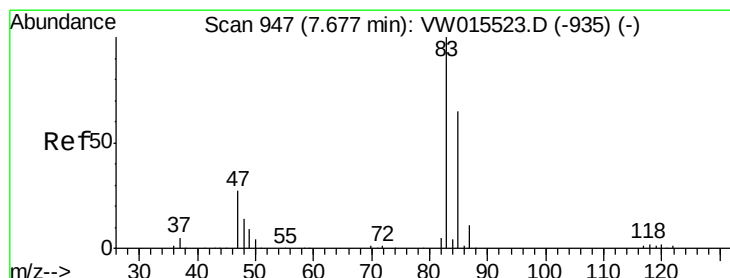
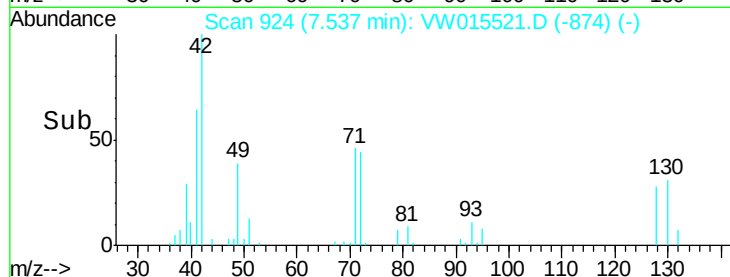
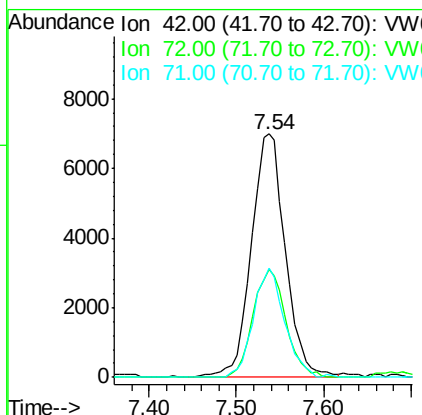
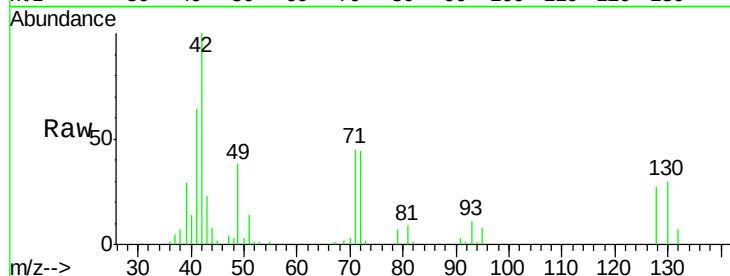




#29
Tetrahydrofuran
Concen: 45.133 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

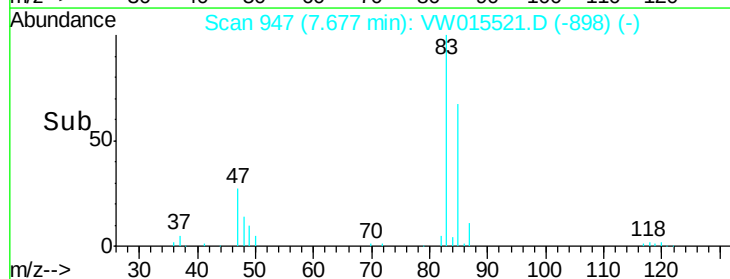
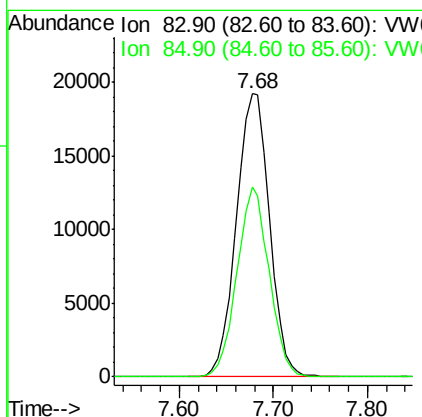
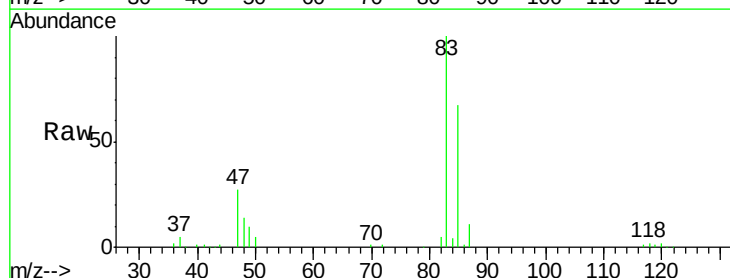
Instrument :
MSVOA_W
ClientSampleId :

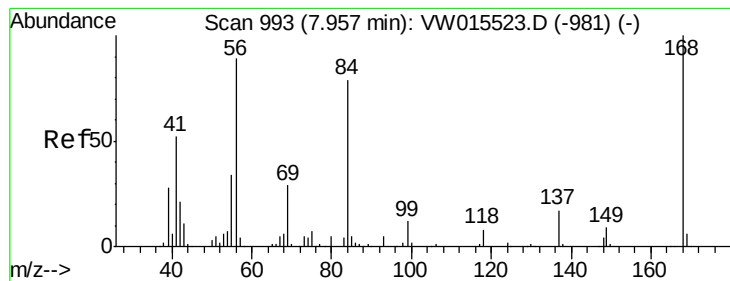
Tot Ion: 42 Resp: 18957
Ion Ratio Lower Upper
42 100
72 42.8 34.8 52.2
71 40.9 33.3 49.9



#30
Chloroform
Concen: 10.137 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion: 83 Resp: 47378
Ion Ratio Lower Upper
83 100
85 67.2 52.2 78.4





#31

Cyclohexane

Concen: 10.277 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

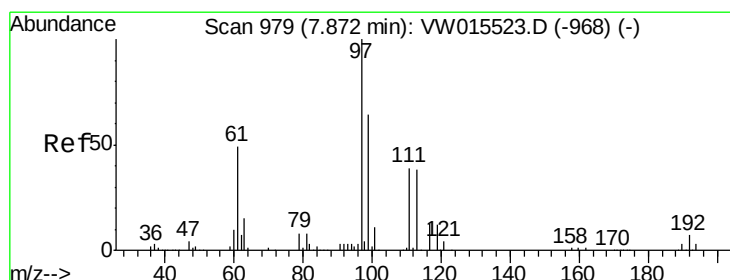
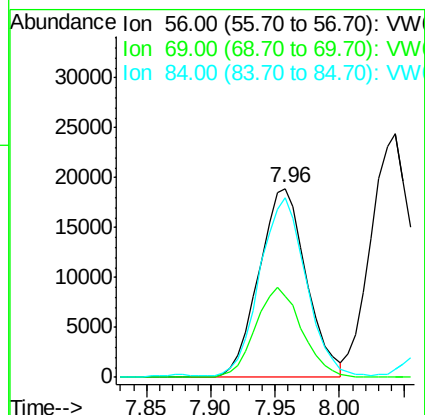
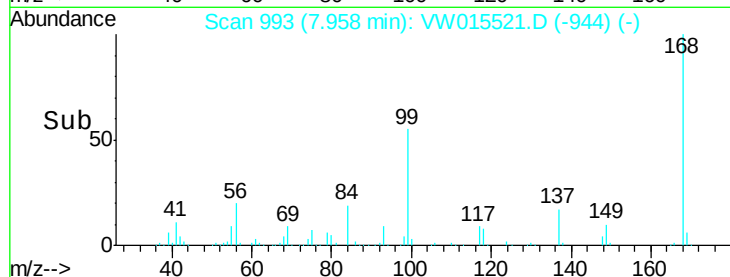
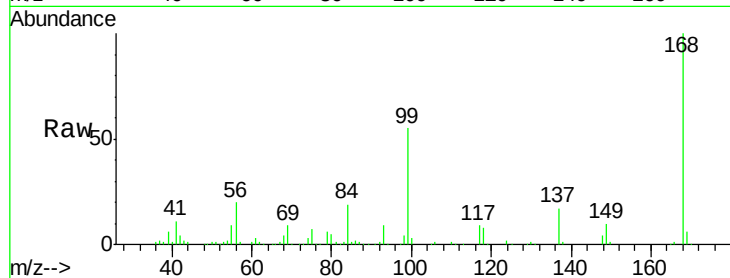
Tot Ion: 56 Resp: 48418

Ion Ratio Lower Upper

56 100

69 43.2 26.3 39.5#

84 93.6 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 10.496 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

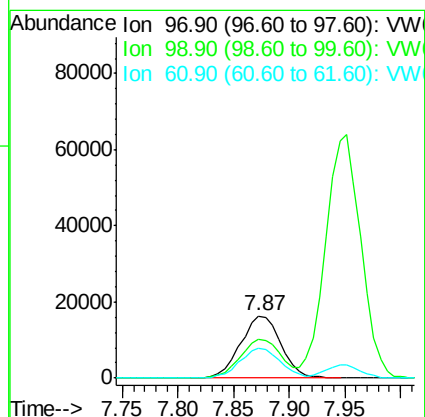
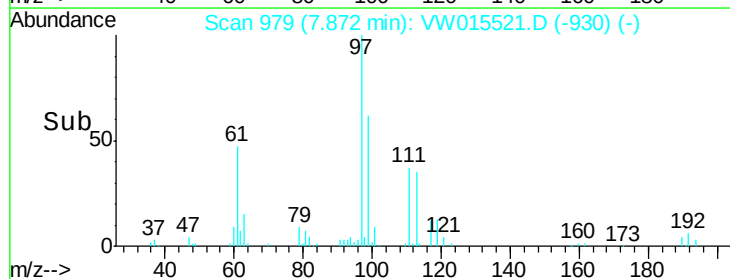
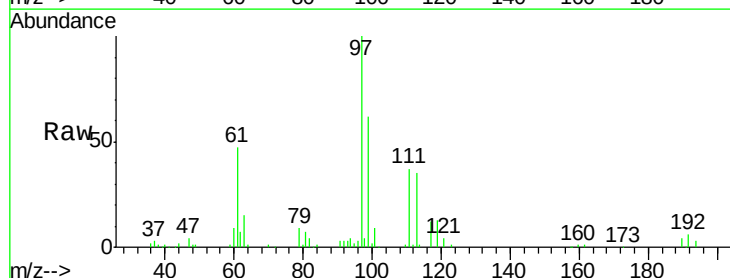
Tgt Ion: 97 Resp: 41193

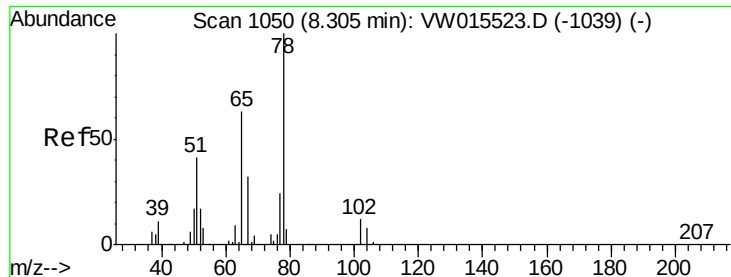
Ion Ratio Lower Upper

97 100

99 61.9 51.4 77.0

61 47.8 37.8 56.8

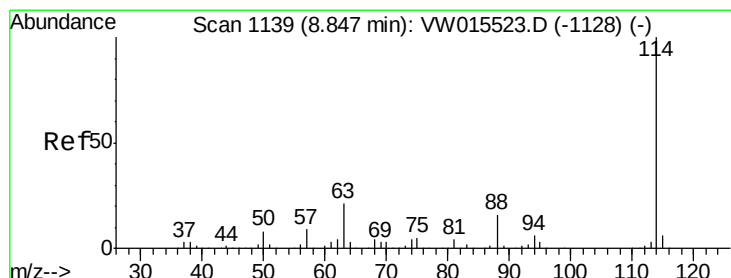
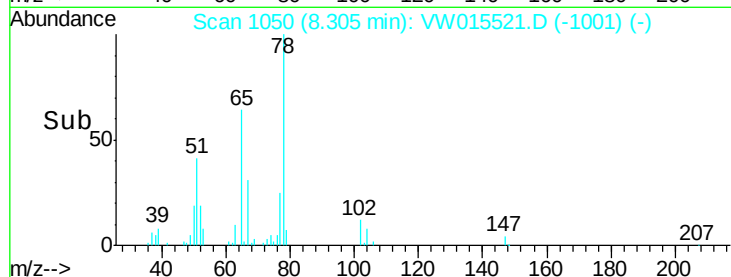
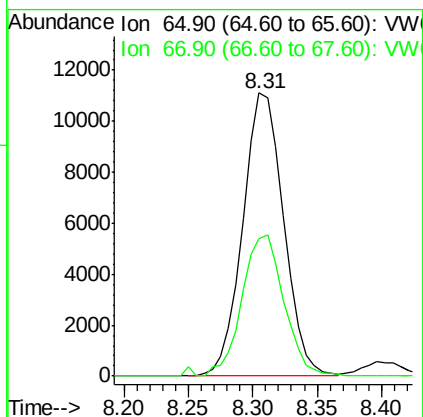
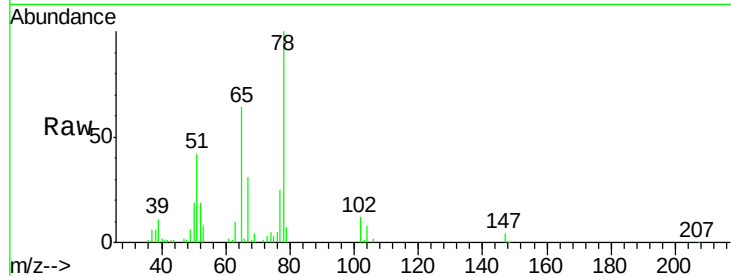




#33
 1,2-Dichloroethane-d4
 Concen: 9.474 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

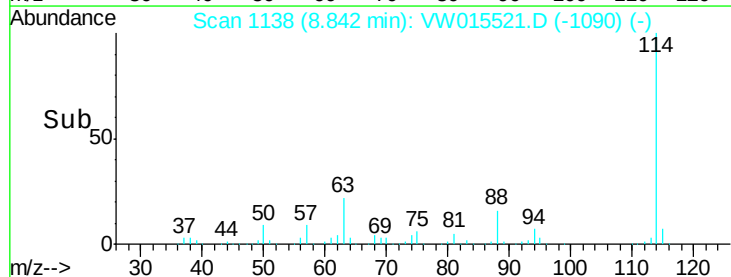
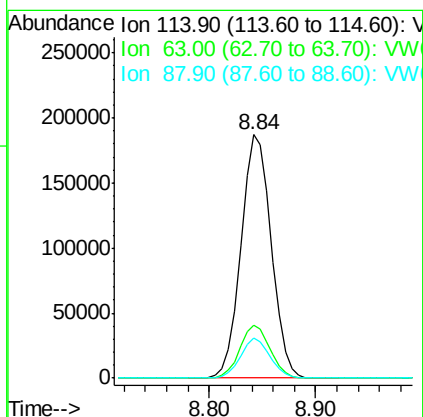
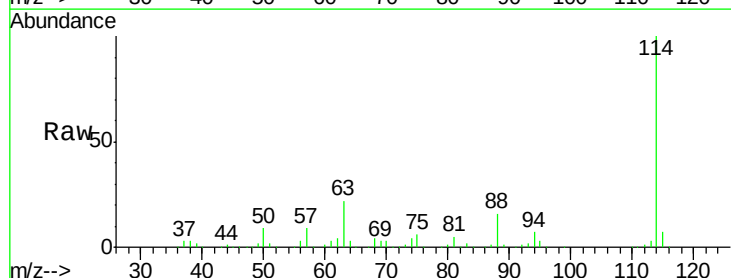
Instrument :
 MSVOA_W
 ClientSampleId :

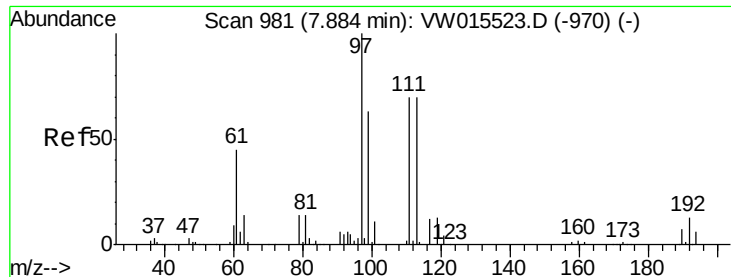
Tot Ion: 65 Resp: 24388
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion: 114 Resp: 373198
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.0
 88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 10.115 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

ClientSampled :

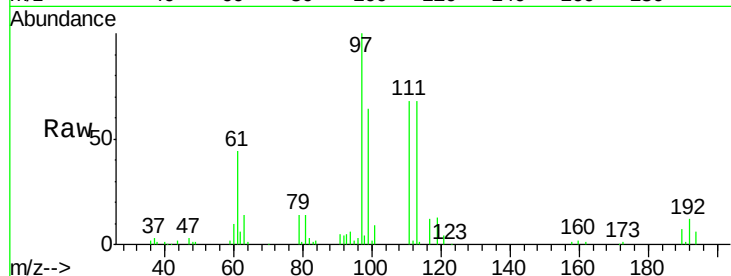
Tot Ion:113 Resp: 21746

Ion Ratio Lower Upper

113 100

111 102.9 83.3 124.9

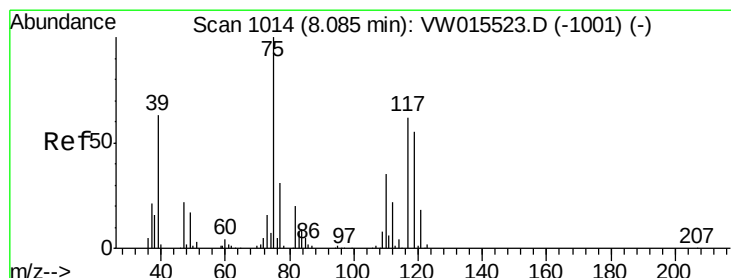
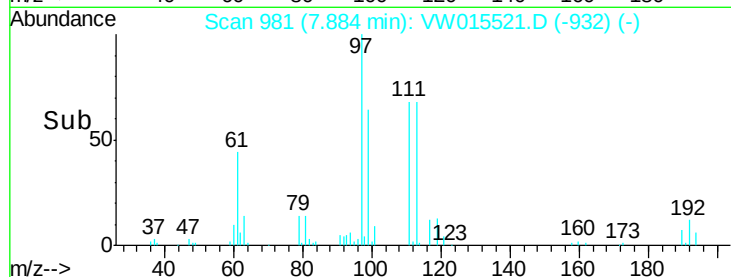
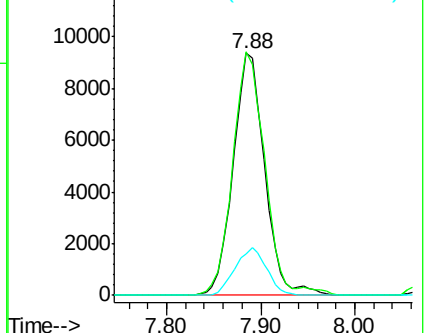
192 19.5 15.8 23.6



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: 10.597 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

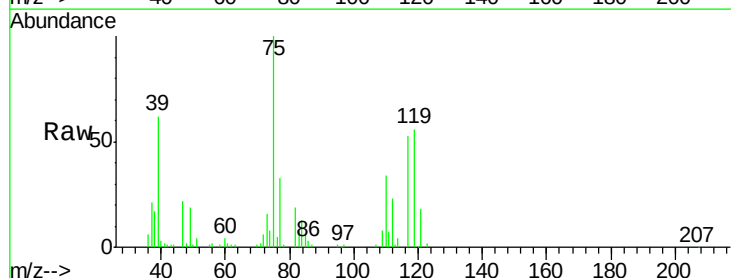
Tgt Ion: 75 Resp: 39248

Ion Ratio Lower Upper

75 100

110 33.5 17.2 51.6

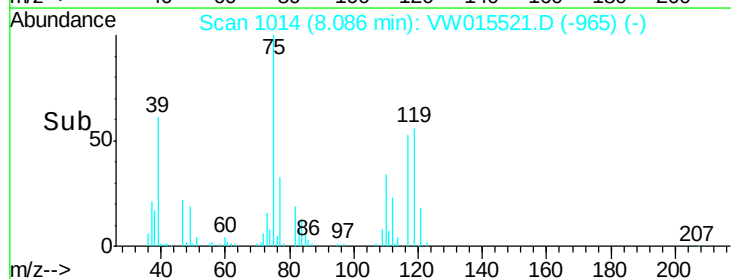
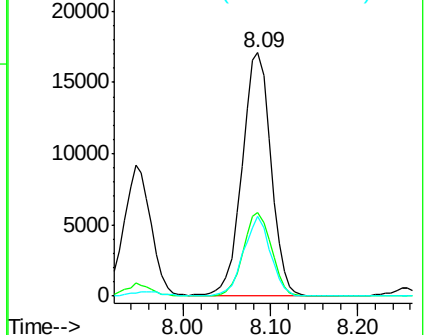
77 30.7 25.0 37.4

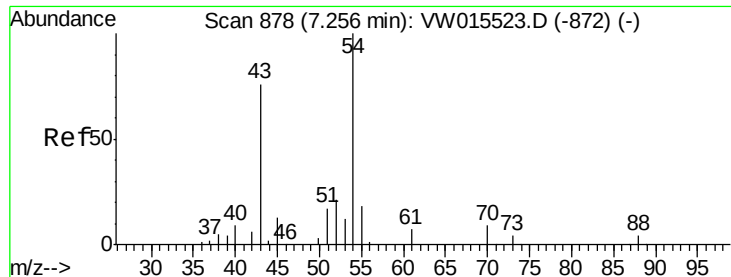


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

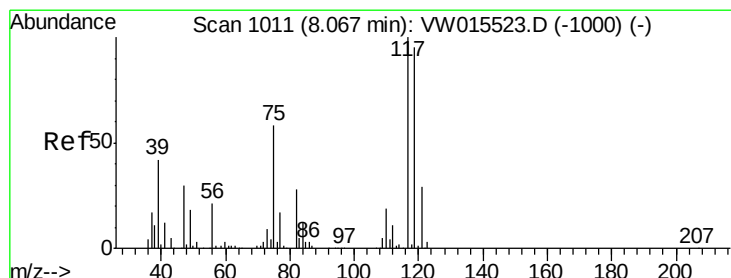
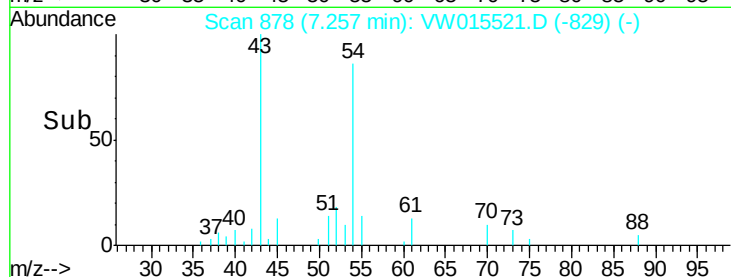
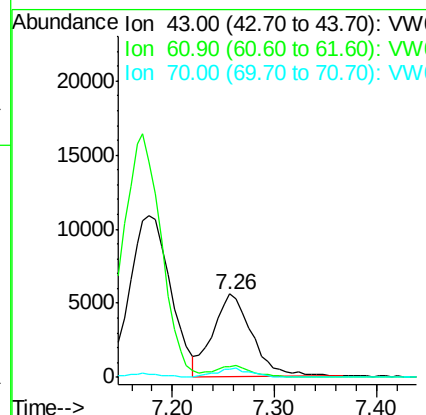
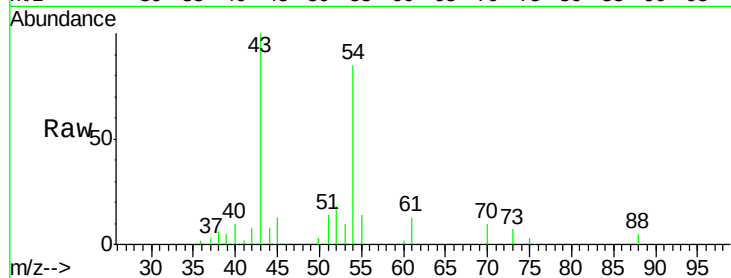




#37
Ethyl Acetate
Concen: 10.120 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

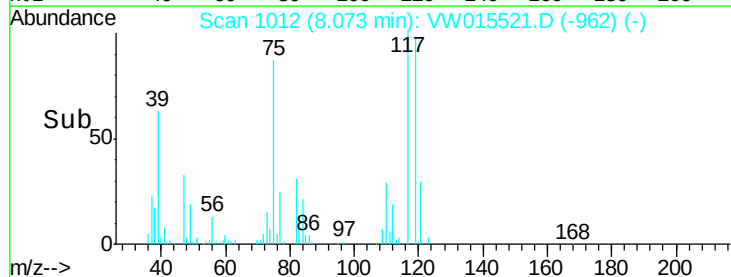
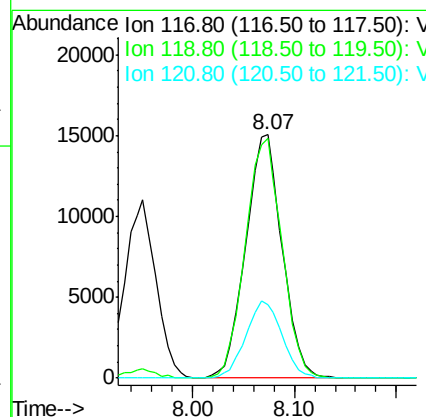
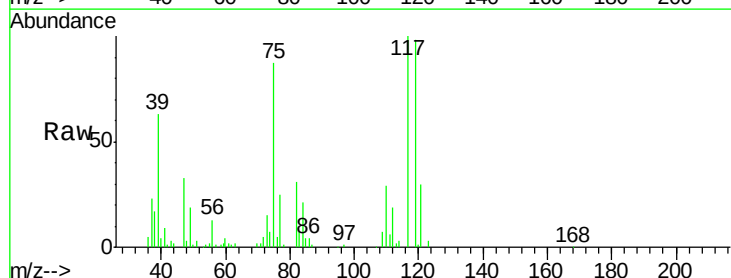
Instrument :
MSVOA_W
ClientSampleId :

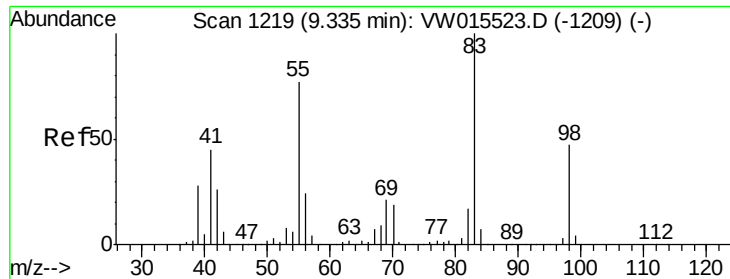
Tot Ion: 43 Resp: 14760
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.2 8.4 12.6



#38
Carbon Tetrachloride
Concen: 10.661 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion: 117 Resp: 37354
Ion Ratio Lower Upper
117 100
119 98.4 75.9 113.9
121 30.1 23.5 35.3

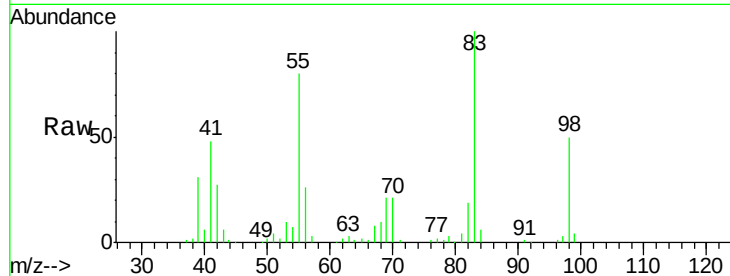




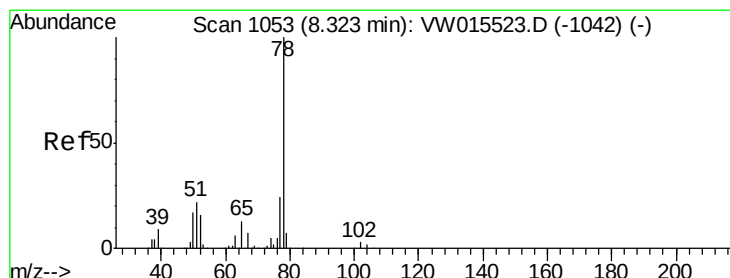
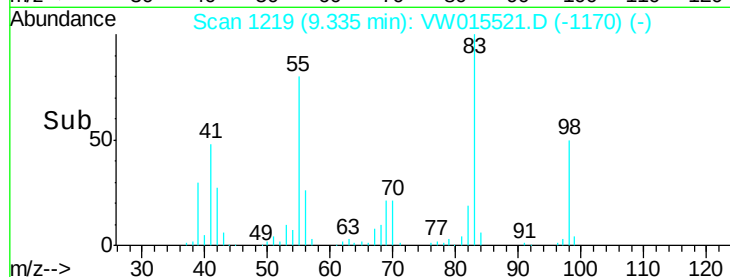
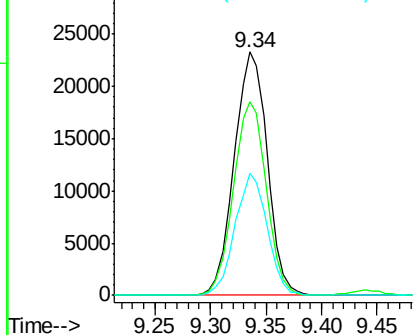
#39
Methylvlcyclohexane
Concen: 10.221 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 47937
Ion Ratio Lower Upper
83 100
55 79.6 61.7 92.5
98 50.1 37.7 56.5

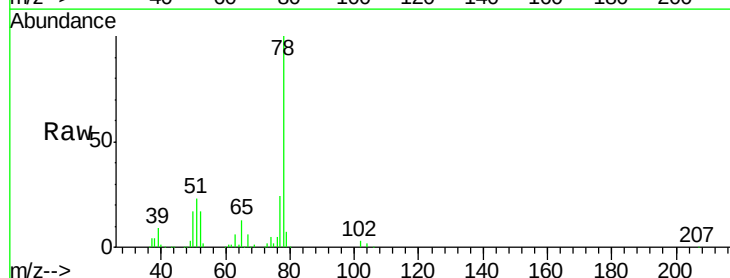


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

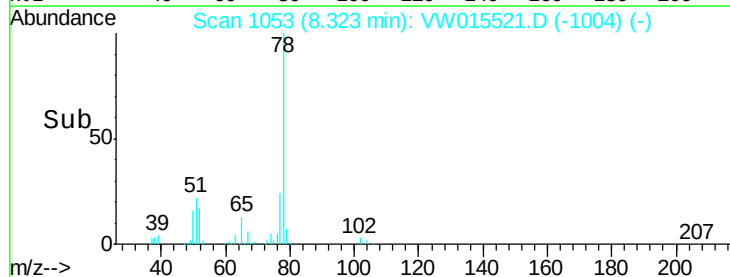
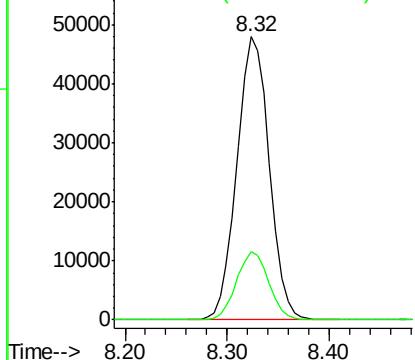


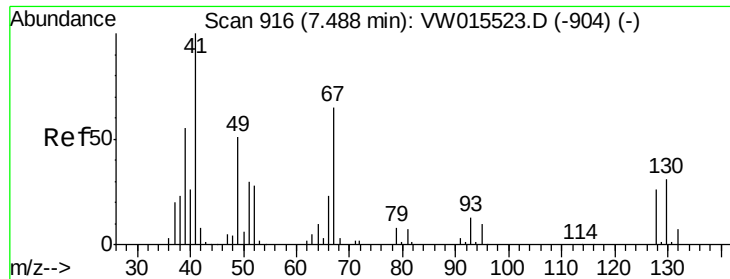
#40
Benzene
Concen: 10.397 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion: 78 Resp: 105461
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

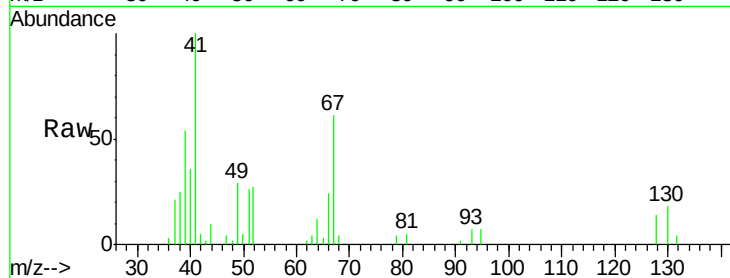




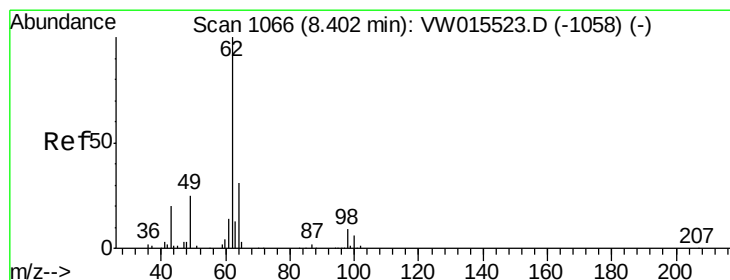
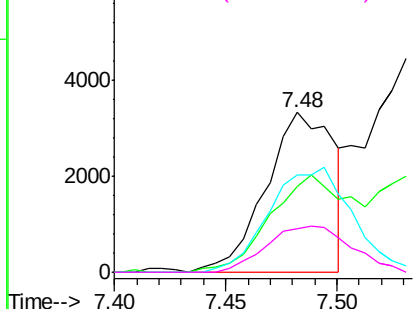
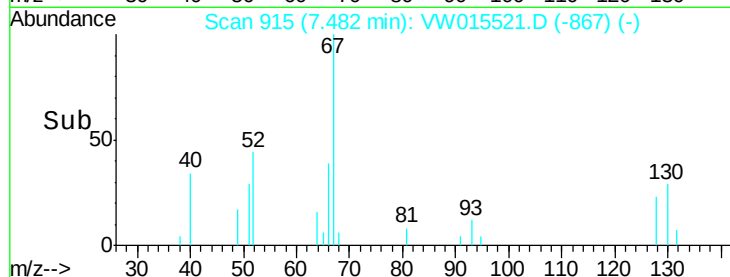
#41
Methacrylonitrile
Concen: 7.611 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 7080
Ion Ratio Lower Upper
41 100
39 73.6 44.5 66.7#
67 80.2 53.1 79.7#
52 35.9 23.5 35.3#

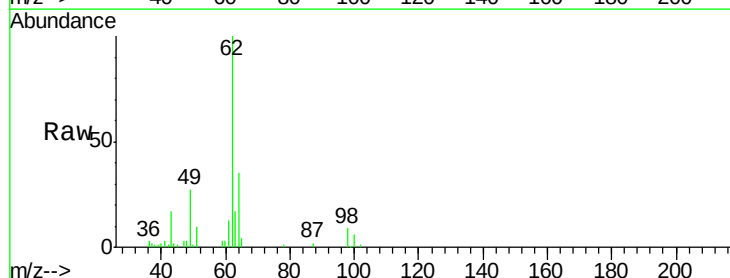


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

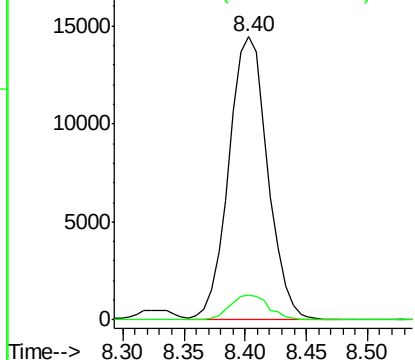
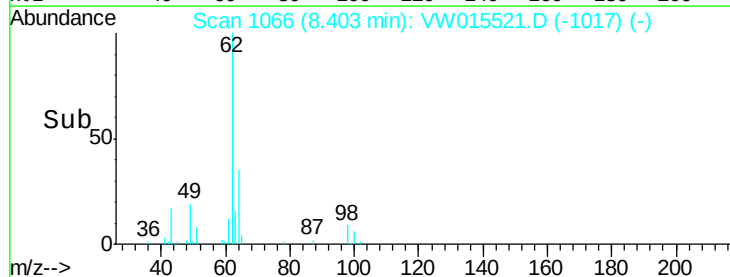


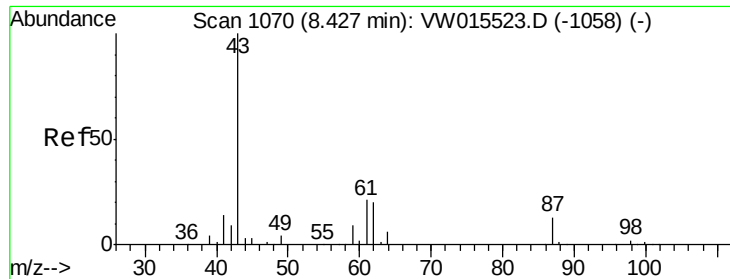
#42
1,2-Dichloroethane
Concen: 10.223 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion: 62 Resp: 31767
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 9.362 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

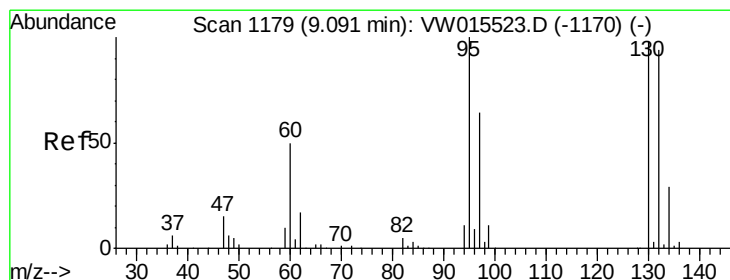
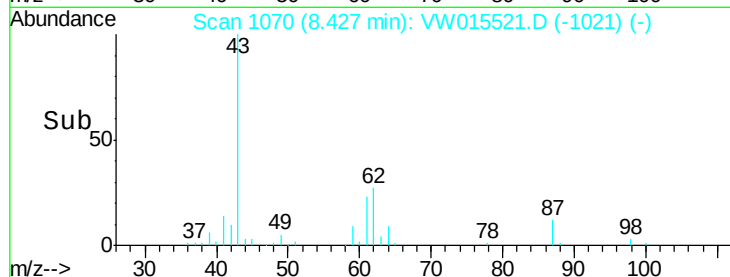
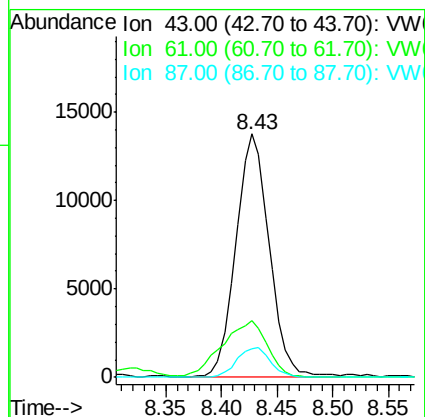
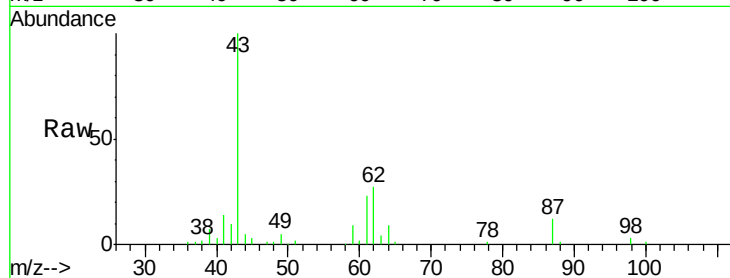
Tot Ion: 43 Resp: 28738

Ion Ratio Lower Upper

43 100

61 31.4 23.8 35.8

87 12.3 10.1 15.1



#44

Trichloroethene

Concen: 10.685 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015521.D

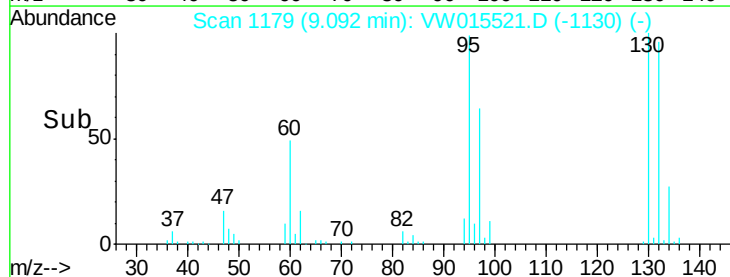
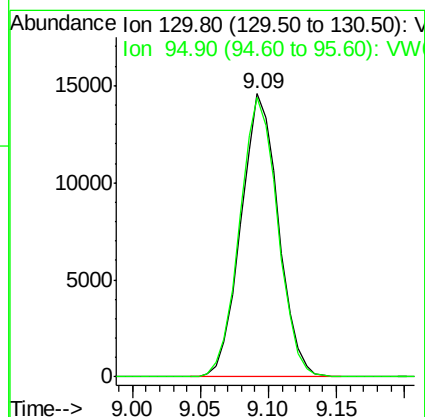
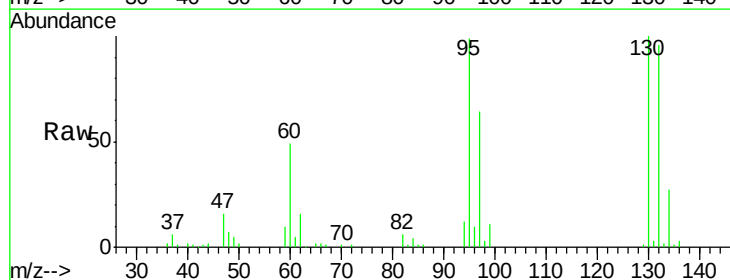
Acq: 02 Jun 2020 11:50

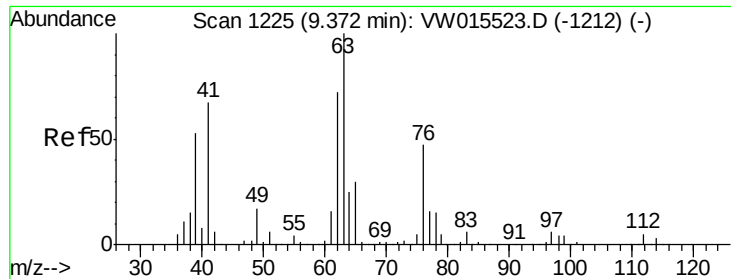
Tgt Ion:130 Resp: 28132

Ion Ratio Lower Upper

130 100

95 98.5 0.0 204.0

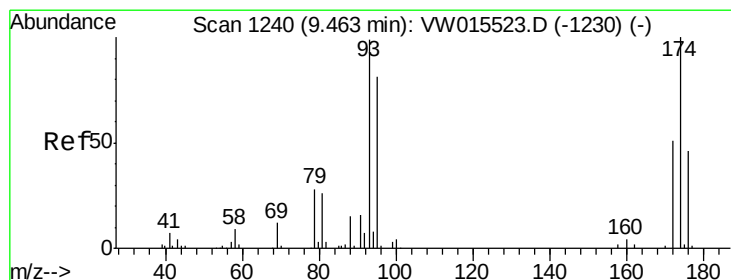
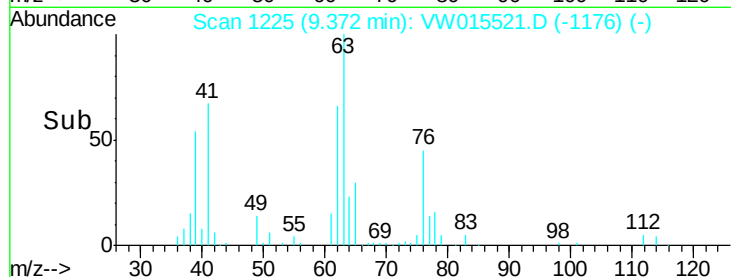
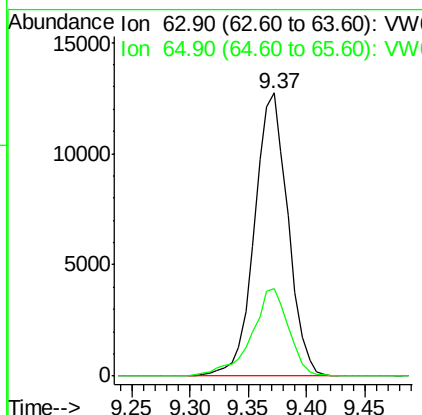
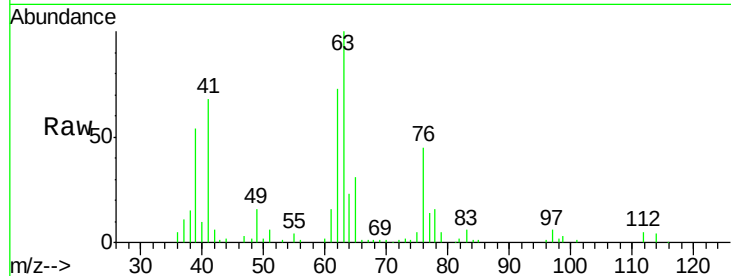




#45
 1,2-Dichloropropane
 Concen: 10.186 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

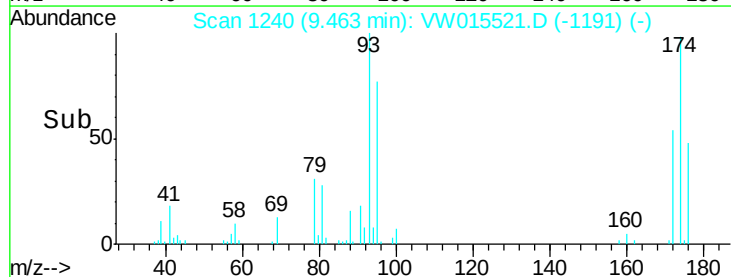
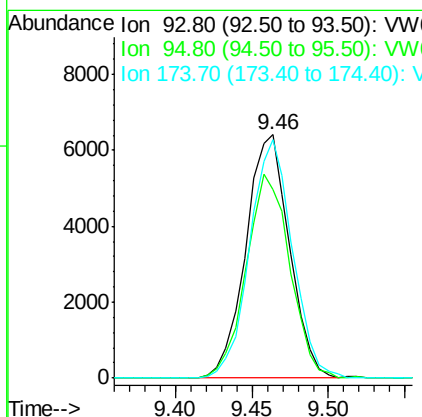
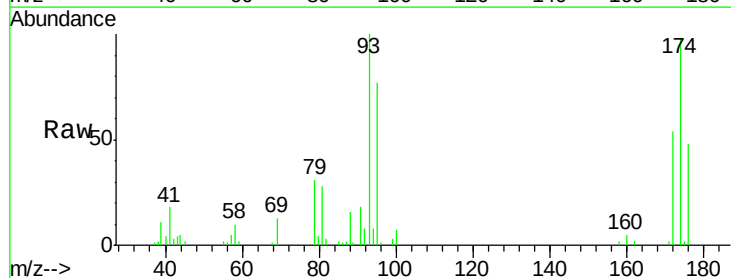
Instrument :
 MSVOA_W
 ClientSampled :

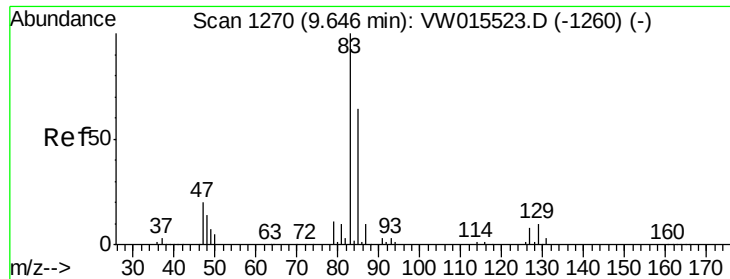
Tot Ion: 63 Resp: 25536
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.0 36.0



#46
 Dibromomethane
 Concen: 10.070 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion: 93 Resp: 12711
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.1 97.7
 174 95.9 78.6 118.0





#47

Bromodichloromethane

Concen: 10.104 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

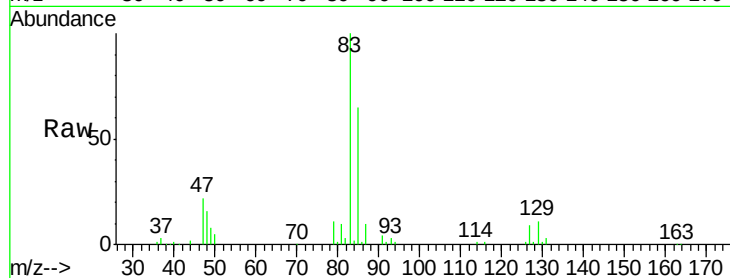
Tot Ion: 83 Resp: 34455

Ion Ratio Lower Upper

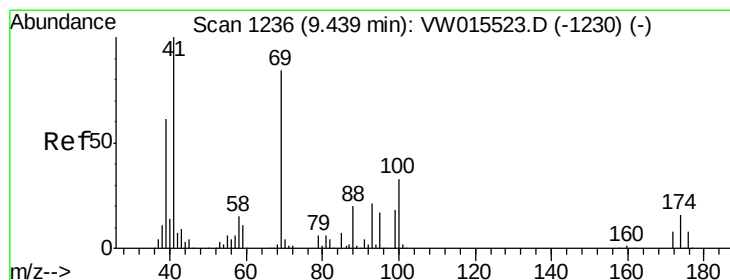
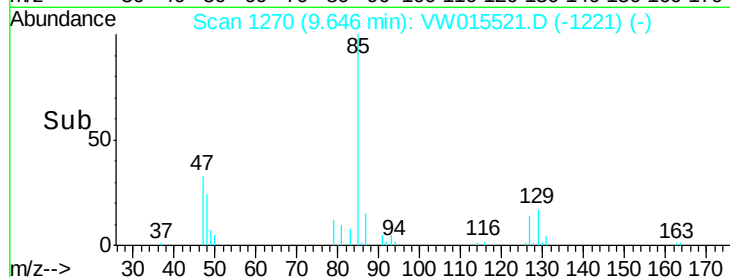
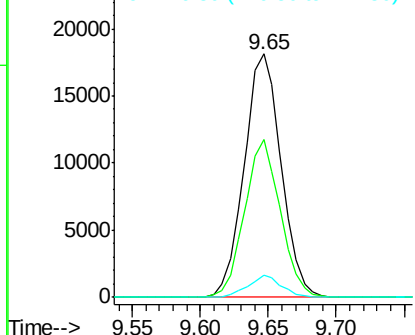
83 100

85 64.9 51.1 76.7

127 9.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 8.943 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

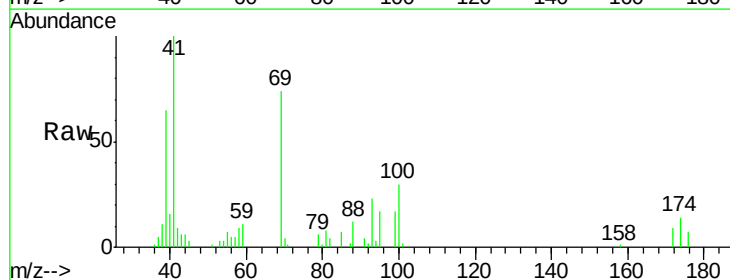
Tgt Ion: 41 Resp: 12624

Ion Ratio Lower Upper

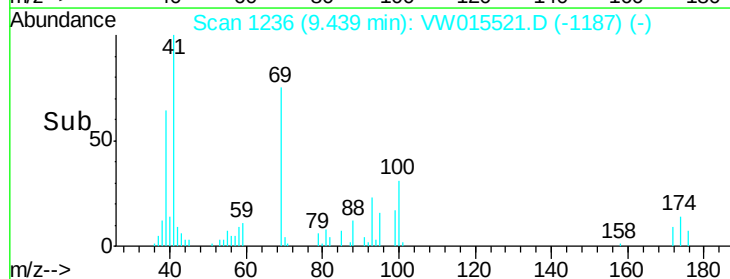
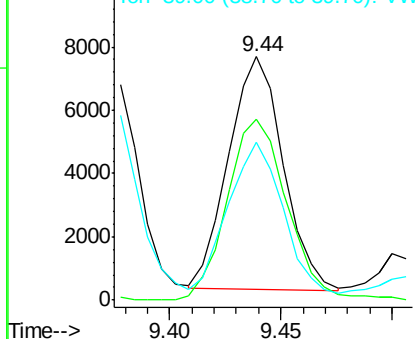
41 100

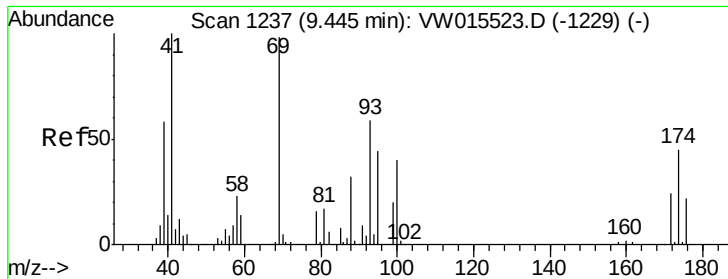
69 85.3 67.8 101.8

39 65.0 50.2 75.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

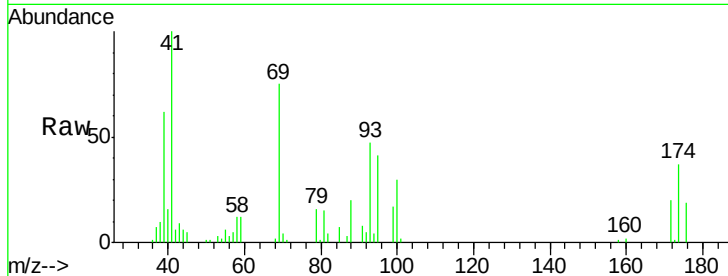




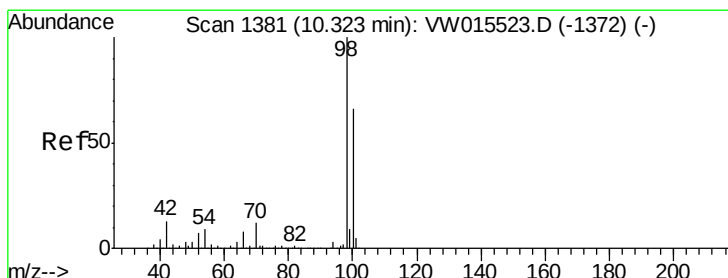
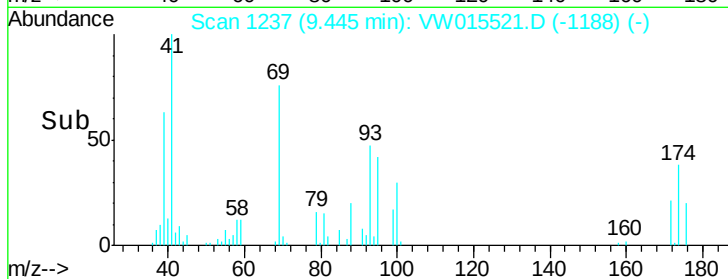
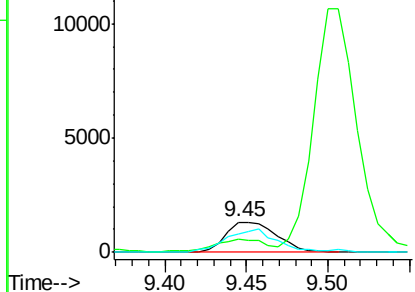
#49
 1,4-Dioxane
 Concen: 175.040 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 88 Resp: 2860
 Ion Ratio Lower Upper
 88 100
 43 45.4 27.9 41.9#
 58 79.1 58.8 88.2

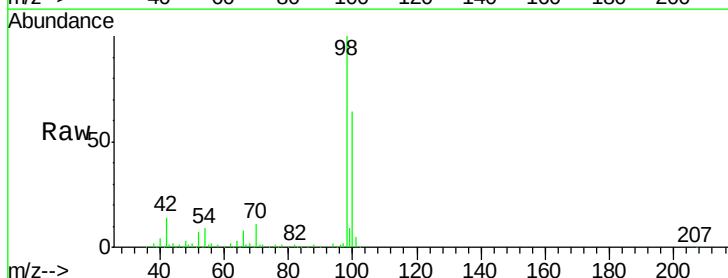


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

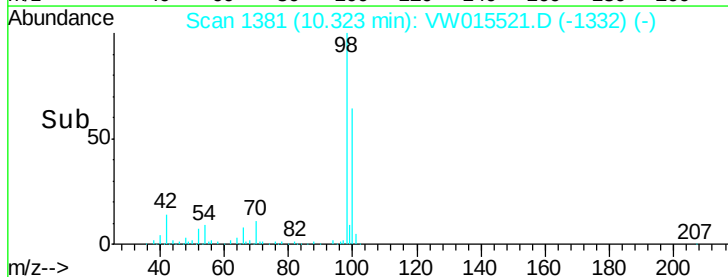
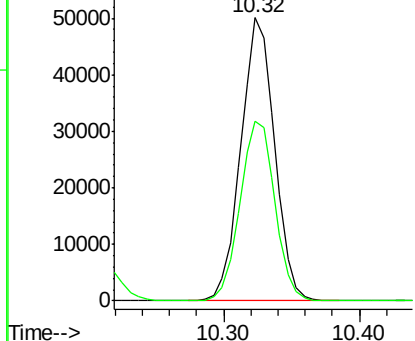


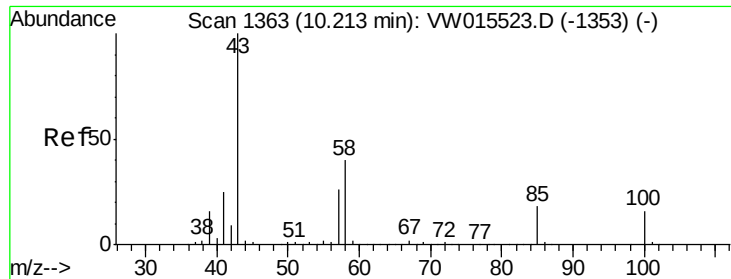
#50
 Toluene-d8
 Concen: 9.832 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion: 98 Resp: 86791
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.6 78.8



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

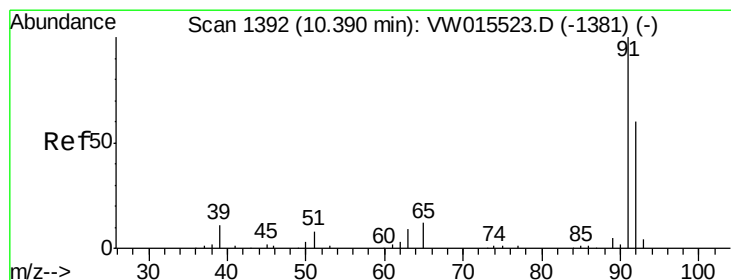
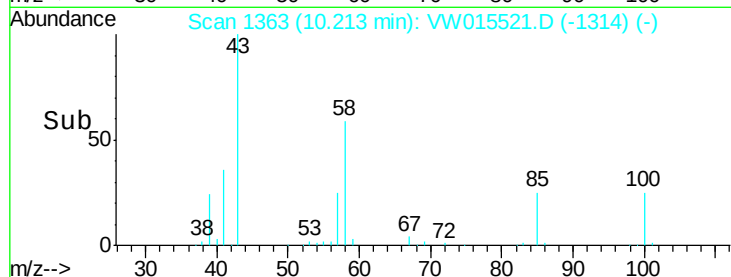
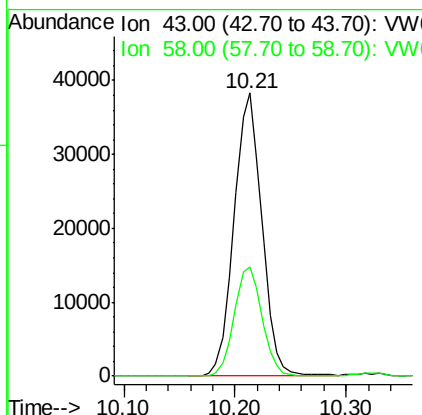
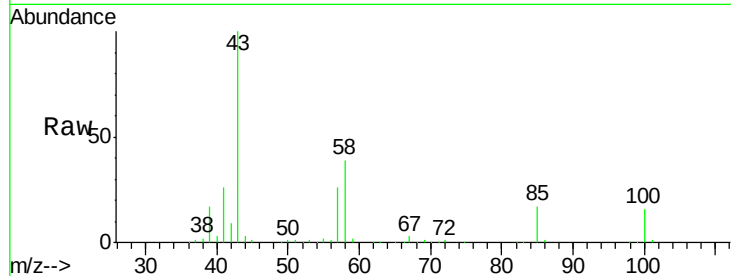




#51
4-Methyl-2-Pentanone
Concen: 45.750 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

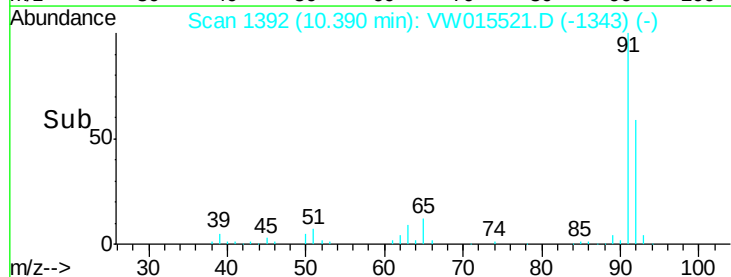
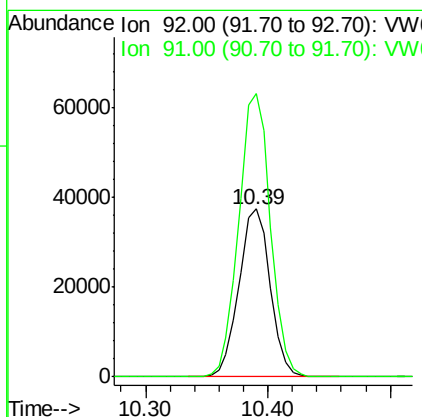
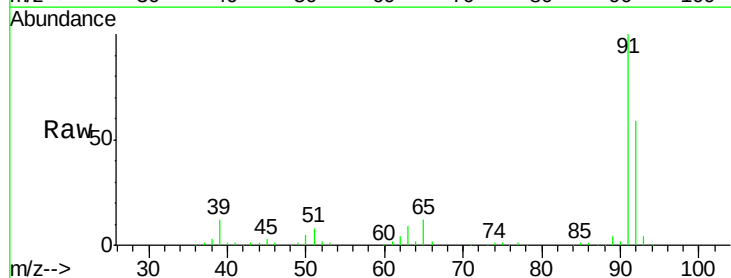
Instrument :
MSVOA_W
ClientSampled :

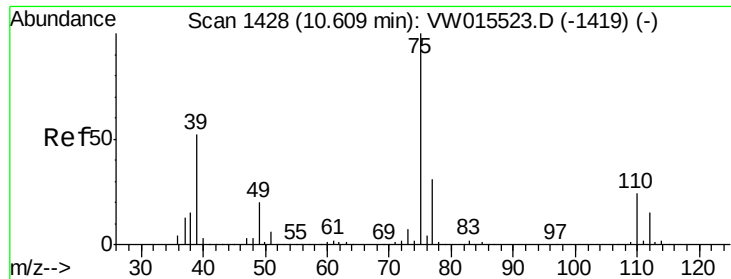
Tot Ion: 43 Resp: 65905
Ion Ratio Lower Upper
43 100
58 38.9 31.4 47.0



#52
Toluene
Concen: 10.099 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion: 92 Resp: 66421
Ion Ratio Lower Upper
92 100
91 171.0 136.5 204.7

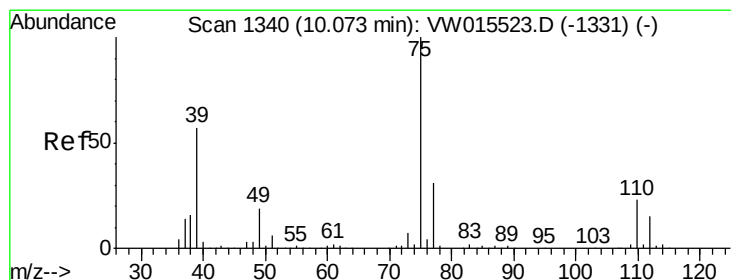
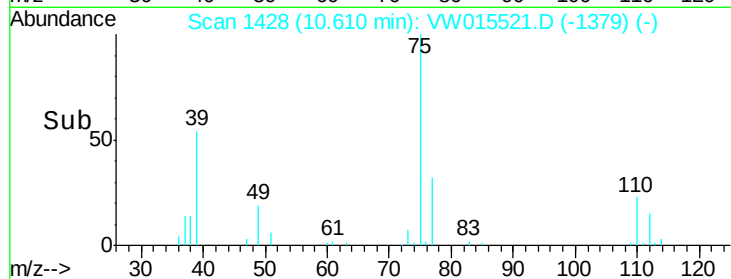
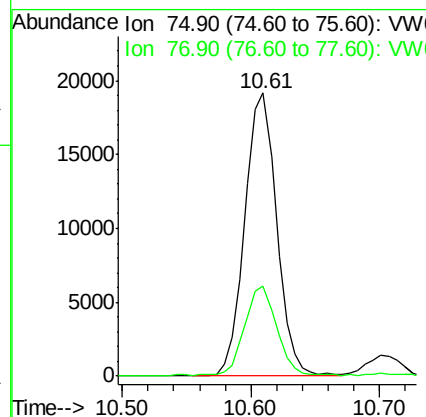
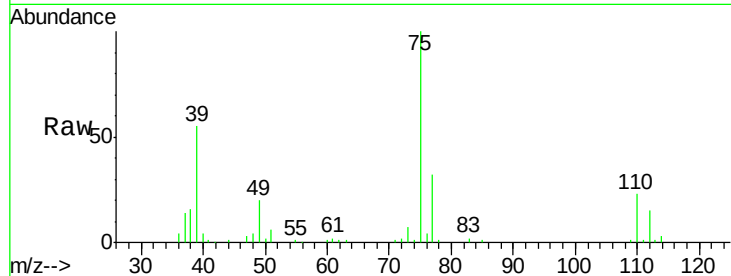




#53
t-1,3-Dichloropropene
Concen: 9.426 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

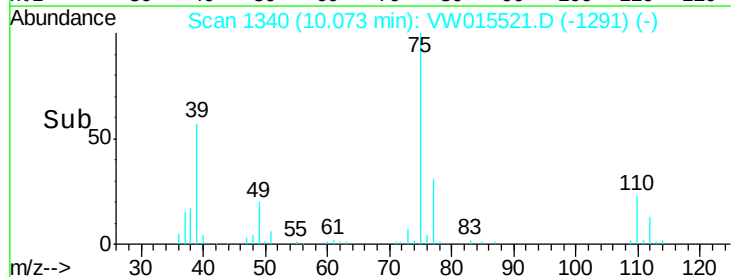
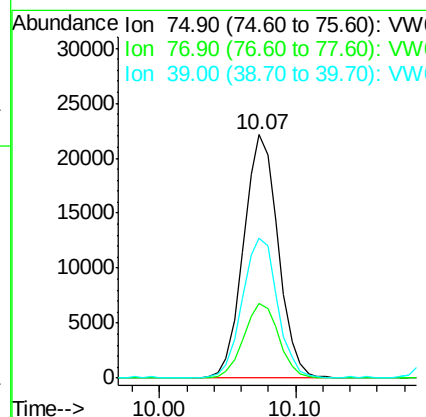
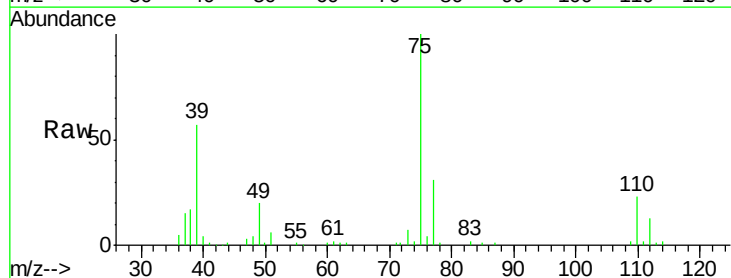
Instrument :
MSVOA_W
ClientSampled :

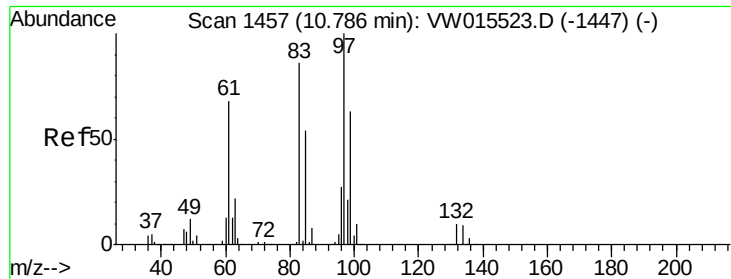
Tot Ion: 75 Resp: 32834
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 9.655 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion: 75 Resp: 39391
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
39 57.4 45.4 68.2

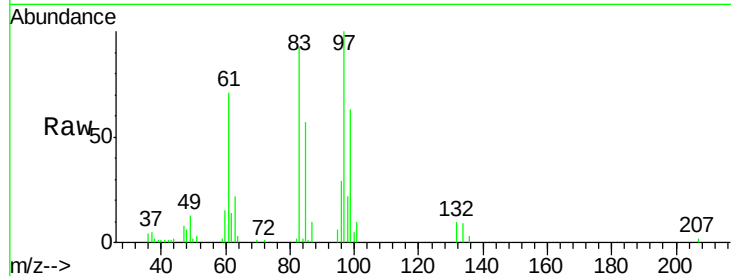




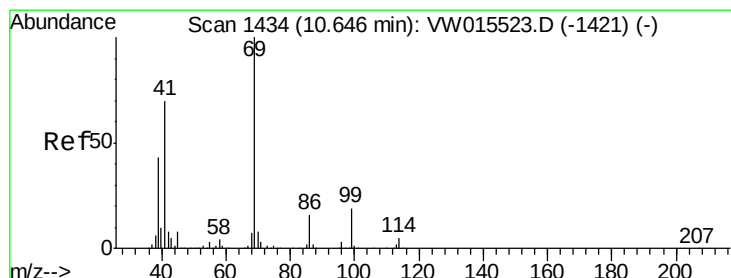
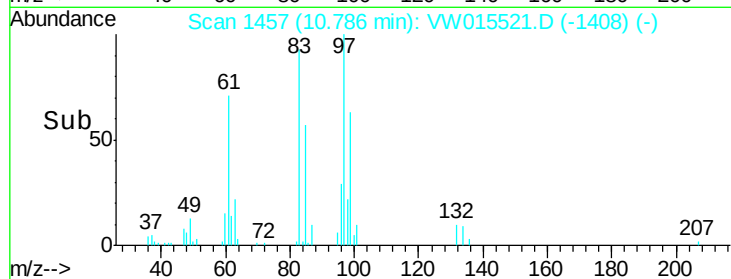
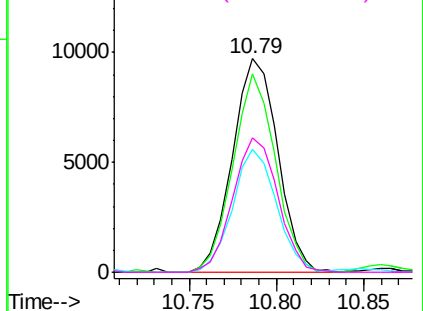
#55
 1,1,2-Trichloroethane
 Concen: 9.840 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	17525
Ion	Ratio	Lower	Upper
97	100		
83	92.6	68.6	102.8
85	57.3	43.2	64.8
99	62.9	50.5	75.7

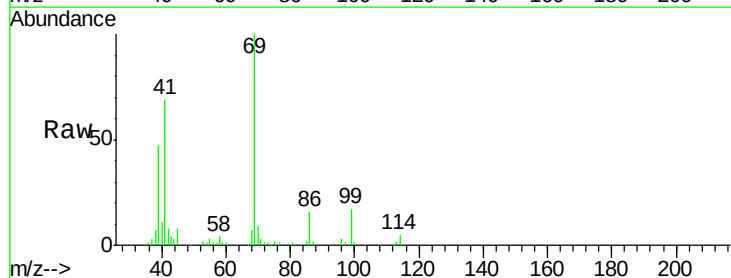


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

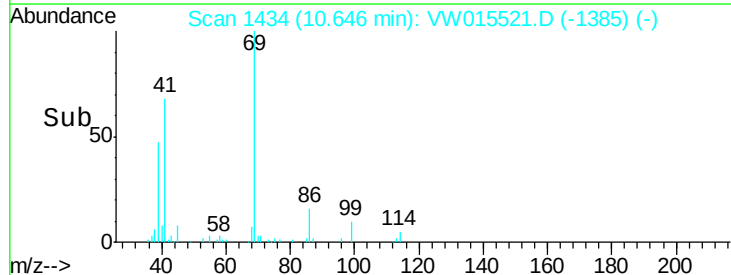
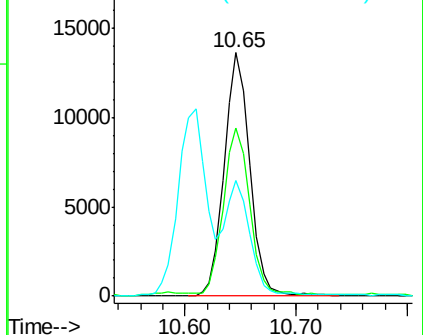


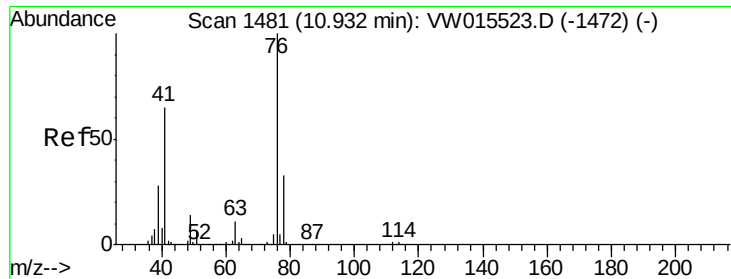
#56
 Ethyl methacrylate
 Concen: 8.925 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion:	69	Resp:	21712
Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.2	84.4
39	45.4	33.3	49.9



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

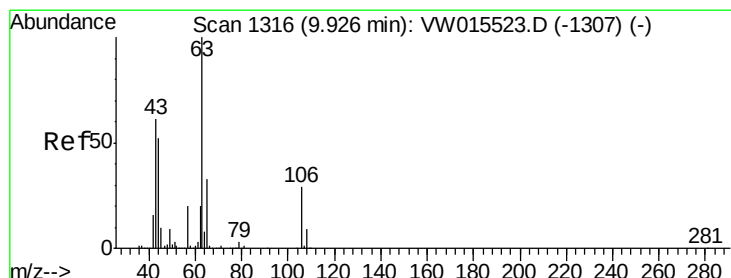
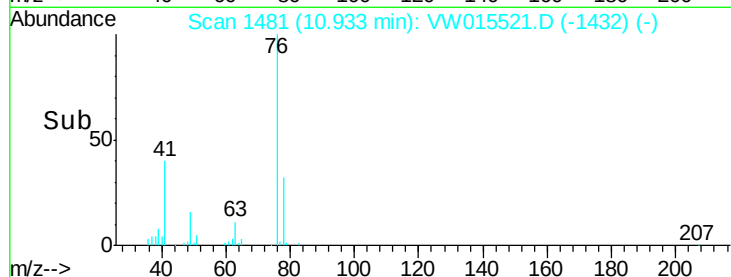
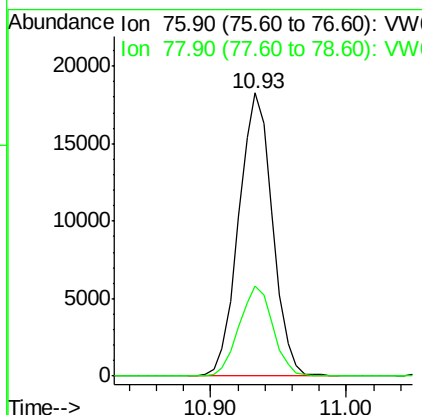
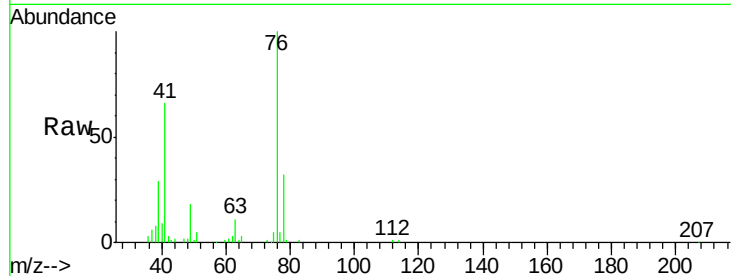




#57
 1,3-Dichloropropane
 Concen: 9.912 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

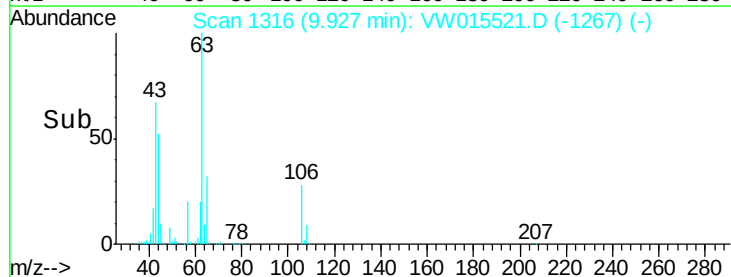
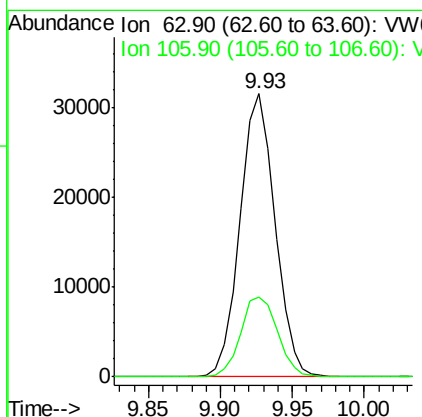
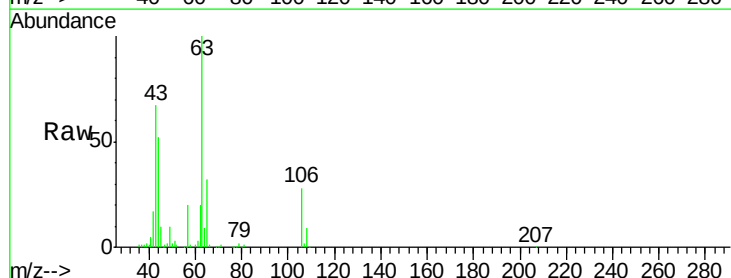
Instrument :
 MSVOA_W
 ClientSampled :

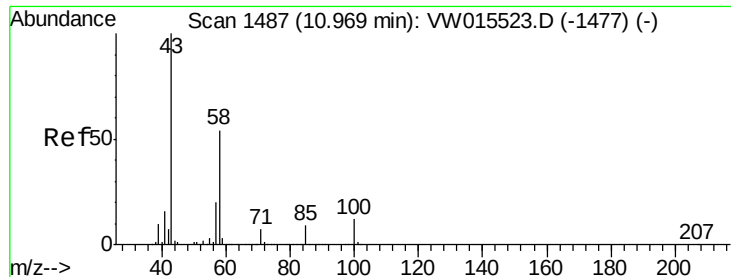
Tot Ion: 76 Resp: 31603
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 45.960 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion: 63 Resp: 53220
 Ion Ratio Lower Upper
 63 100
 106 29.7 22.9 34.3

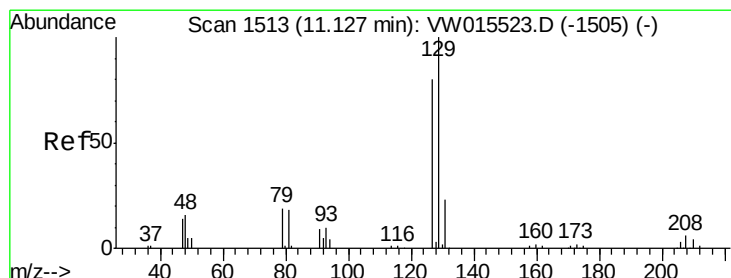
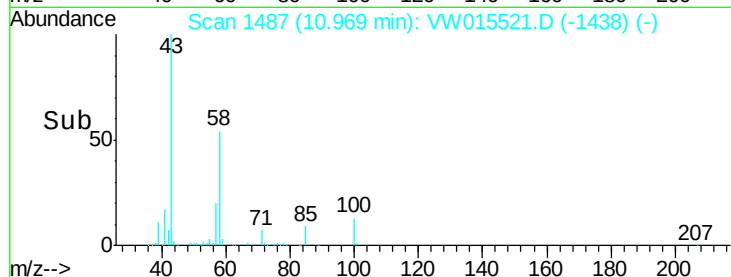
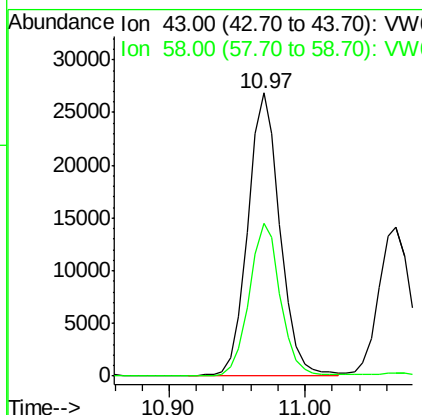
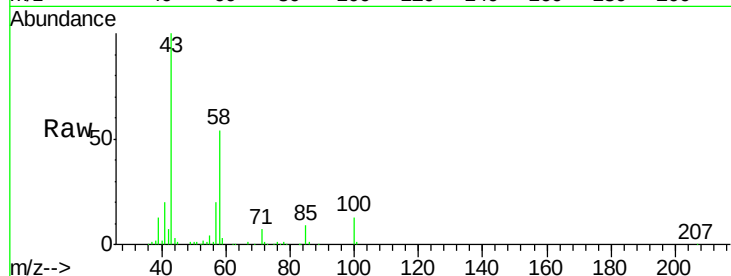




#59
2-Hexanone
Concen: 45.135 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

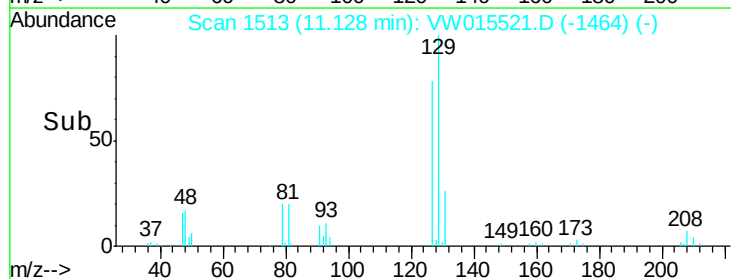
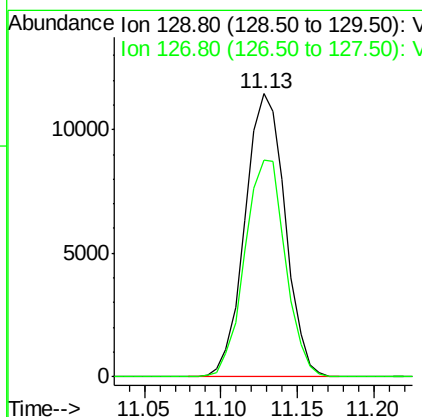
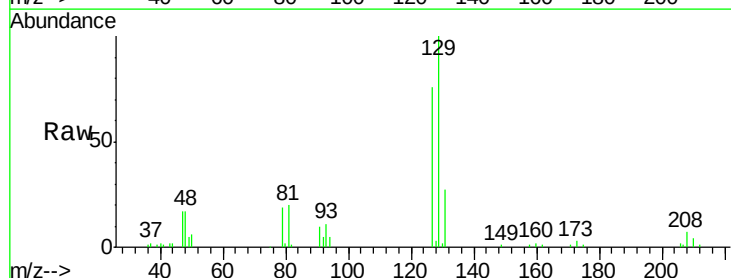
Instrument :
MSVOA_W
ClientSampled :

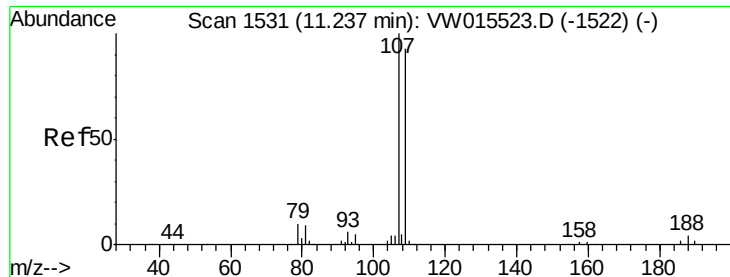
Tot Ion: 43 Resp: 44485
Ion Ratio Lower Upper
43 100
58 52.6 26.8 80.3



#60
Dibromochloromethane
Concen: 9.743 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion: 129 Resp: 20912
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2

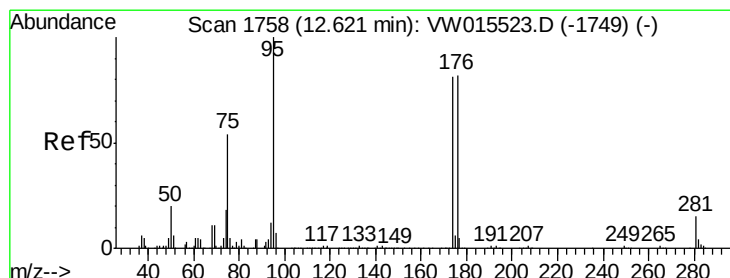
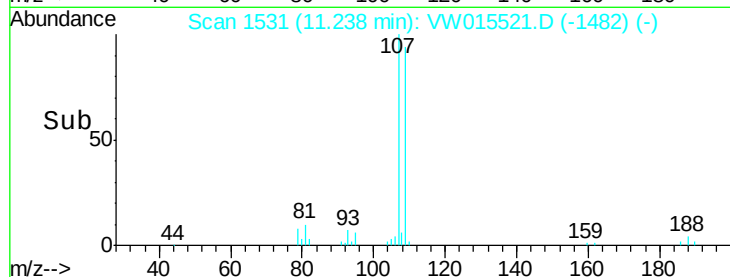
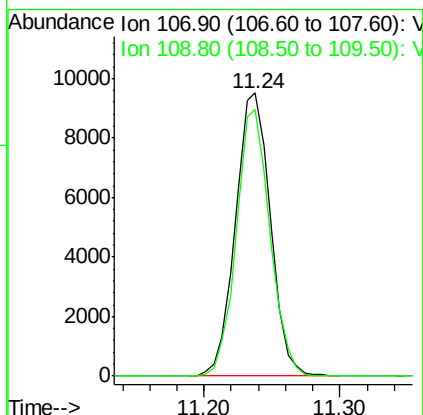
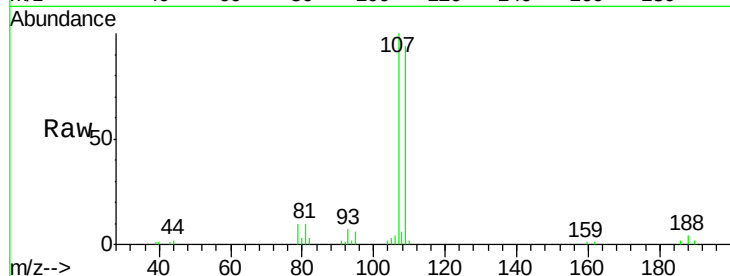




#61
 1,2-Dibromoethane
 Concen: 10.095 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

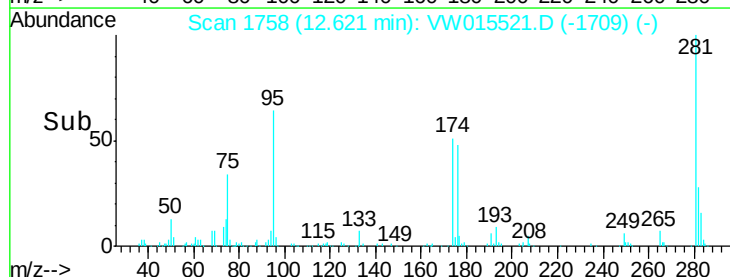
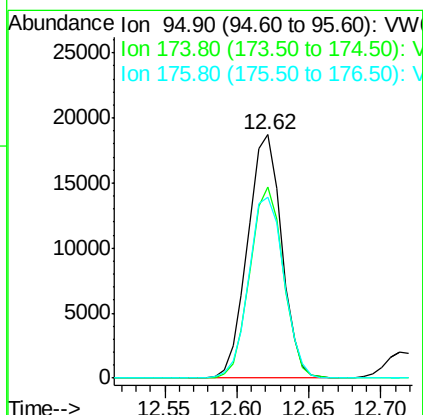
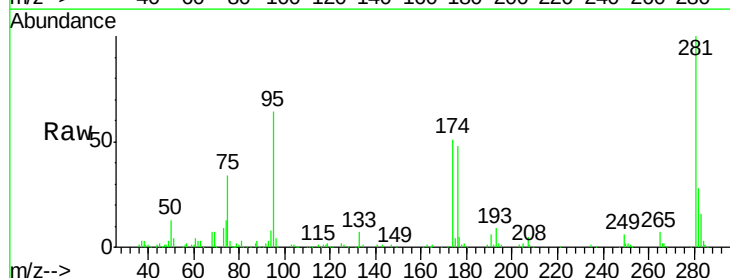
Instrument :
 MSVOA_W
 ClientSampled :

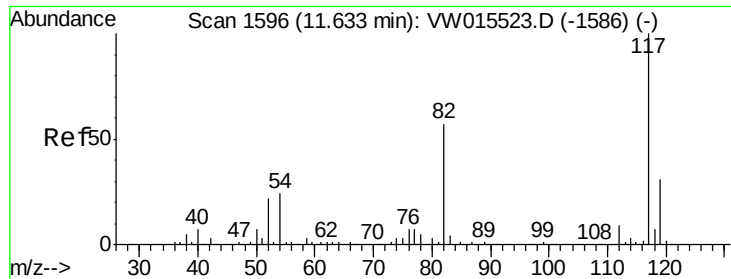
Tot Ion:107 Resp: 17042
 Ion Ratio Lower Upper
 107 100
 109 90.6 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 9.402 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion: 95 Resp: 30654
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 153.6
 176 76.5 0.0 152.8

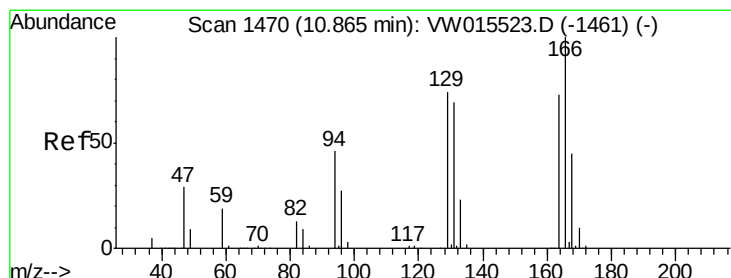
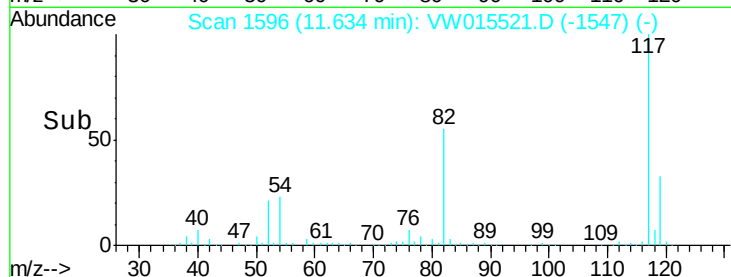
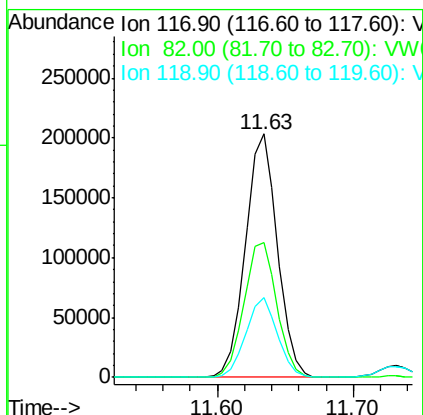
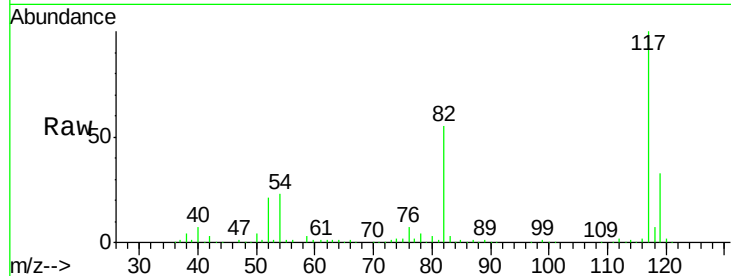




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

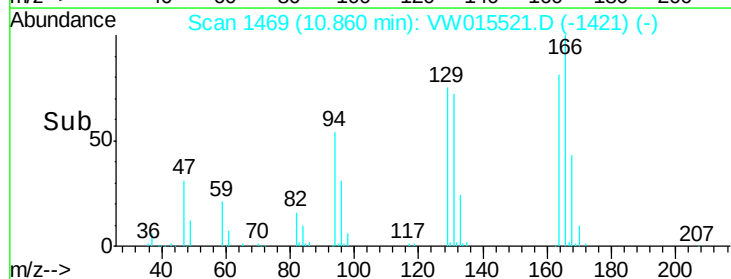
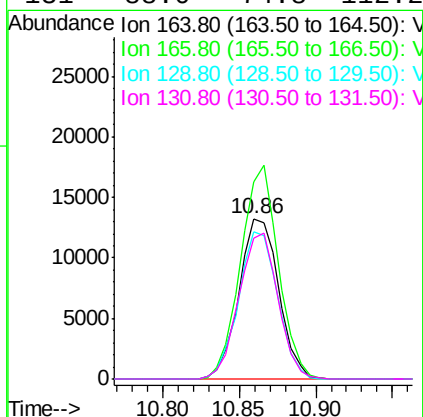
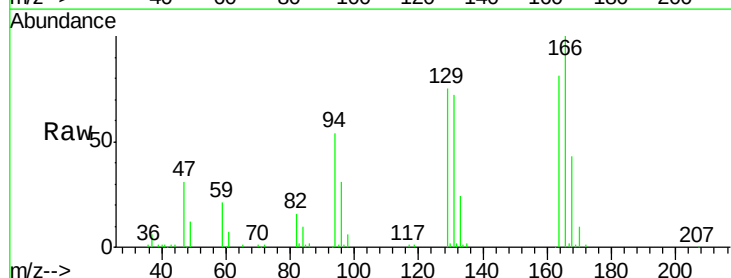
Instrument :
MSVOA_W
ClientSampleId :

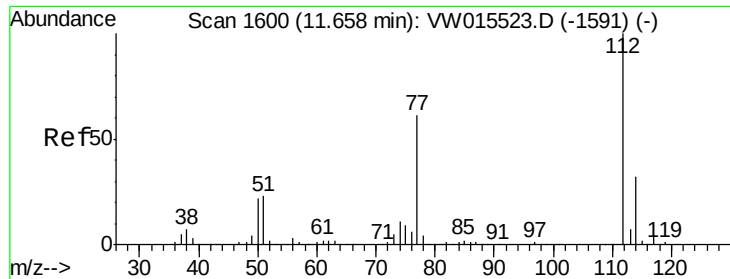
Tot Ion:117 Resp: 333761
Ion Ratio Lower Upper
117 100
82 55.1 45.8 68.8
119 32.6 24.7 37.1



#64
Tetrachloroethene
Concen: 11.525 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion:164 Resp: 23886
Ion Ratio Lower Upper
164 100
166 123.0 109.0 163.6
129 91.7 81.0 121.4
131 88.0 74.8 112.2

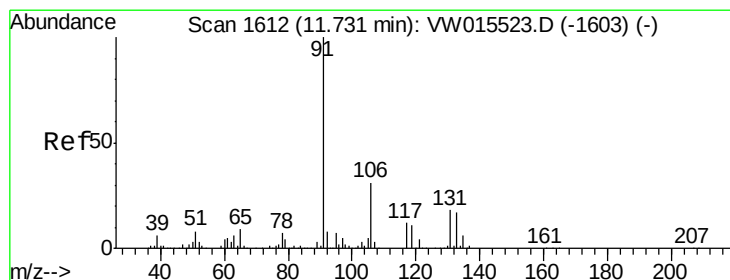
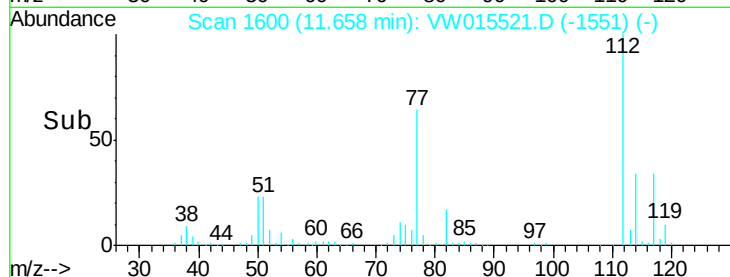
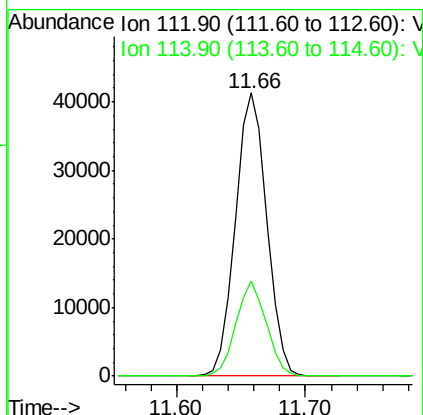
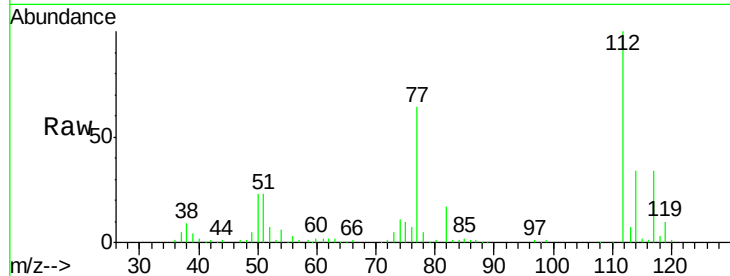




#65
Chlorobenzene
Concen: 10.442 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

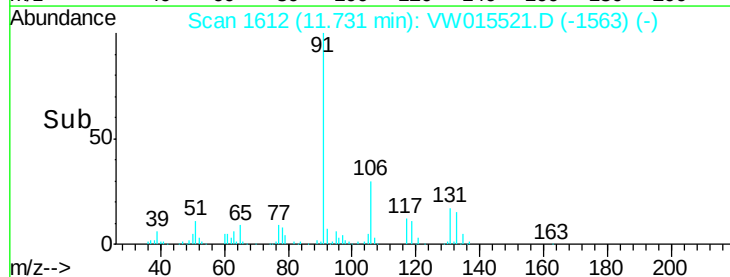
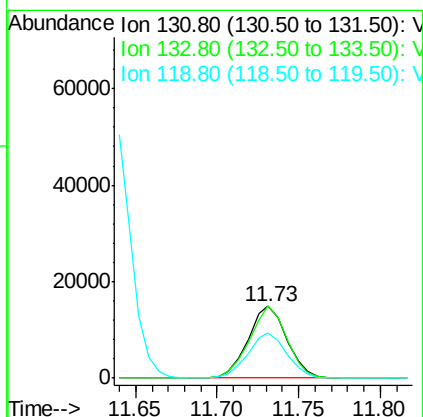
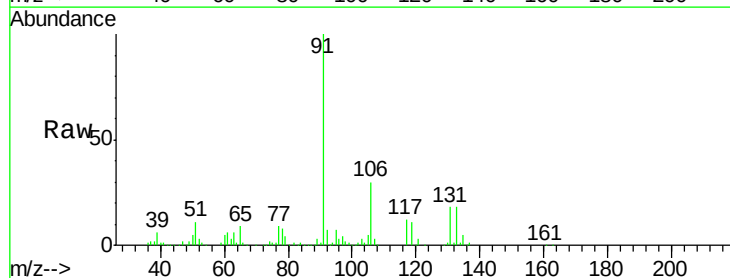
Instrument :
MSVOA_W
ClientSampleId :

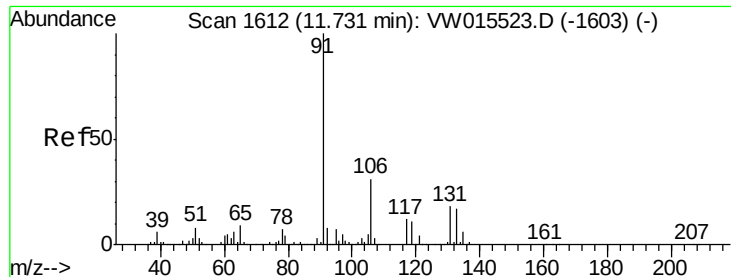
Tot Ion:112 Resp: 69677
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 10.381 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion:131 Resp: 24611
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.8
119 63.3 32.5 97.5





#67

Ethyl Benzene

Concen: 10.338 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

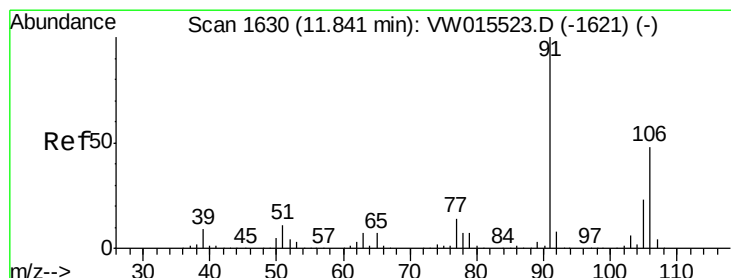
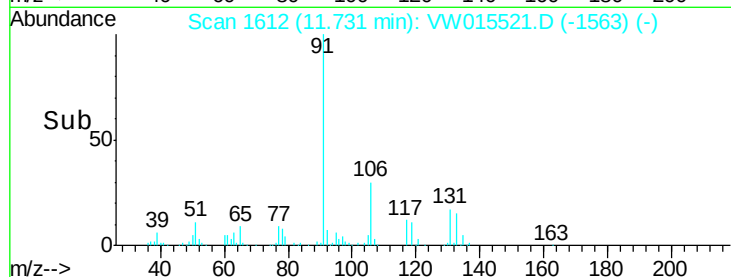
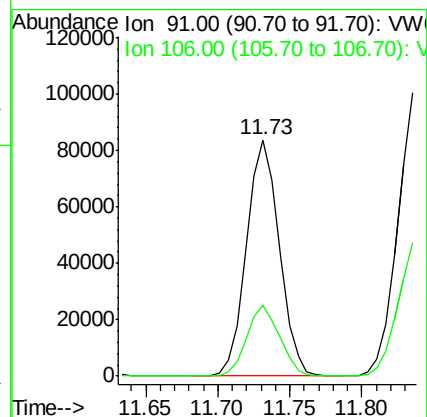
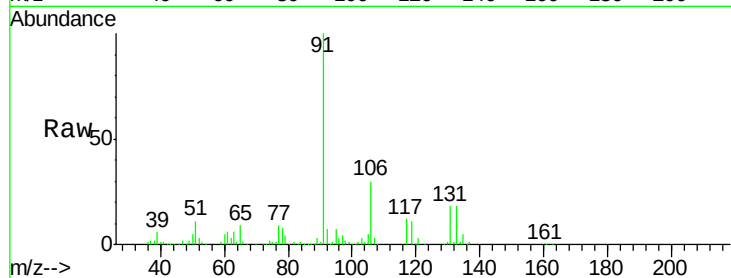
ClientSampled :

Tot Ion: 91 Resp: 131758

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 20.410 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW015521.D

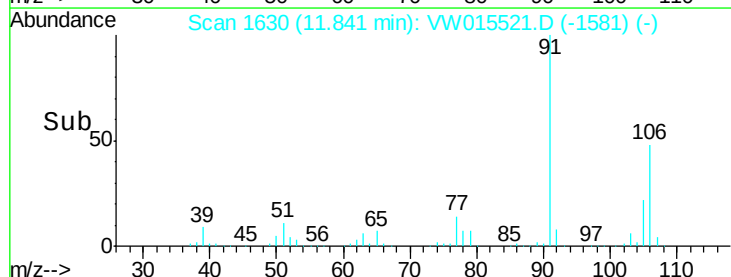
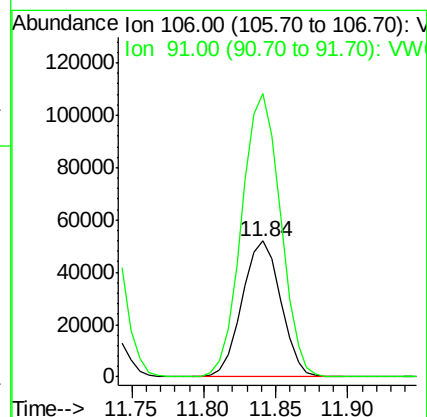
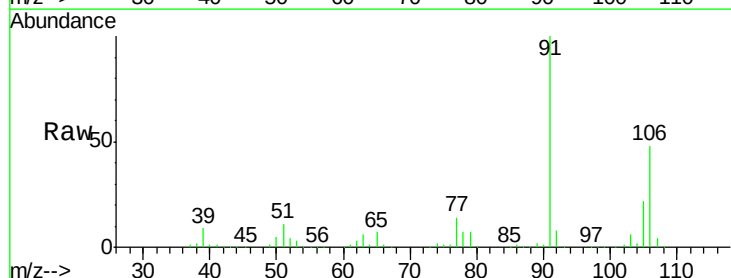
Acq: 02 Jun 2020 11:50

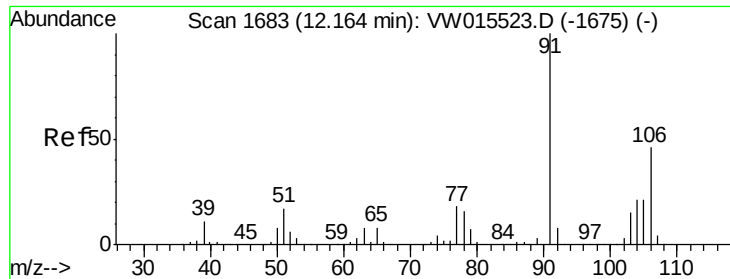
Tgt Ion: 106 Resp: 96842

Ion Ratio Lower Upper

106 100

91 209.5 163.5 245.3

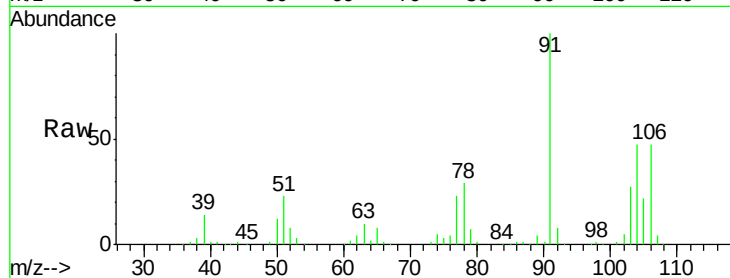




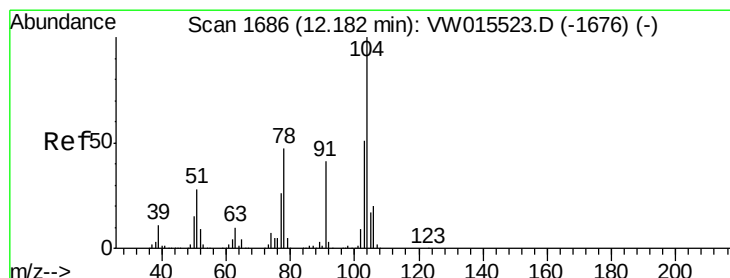
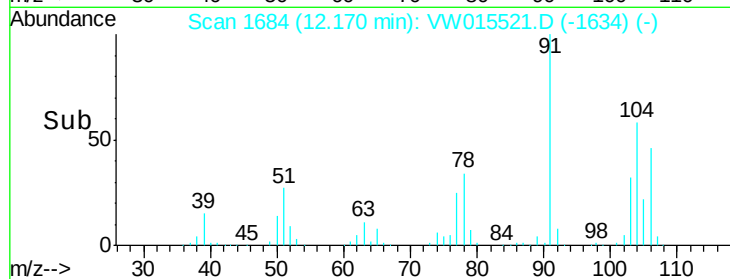
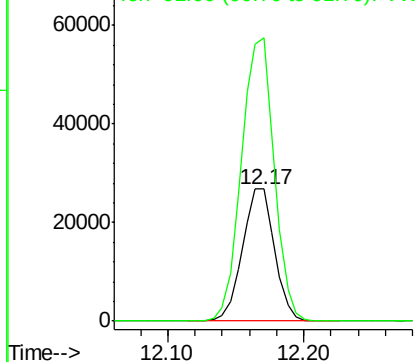
#69
o-Xylene
Concen: 9.997 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 44506
Ion Ratio Lower Upper
106 100
91 216.9 107.8 323.4

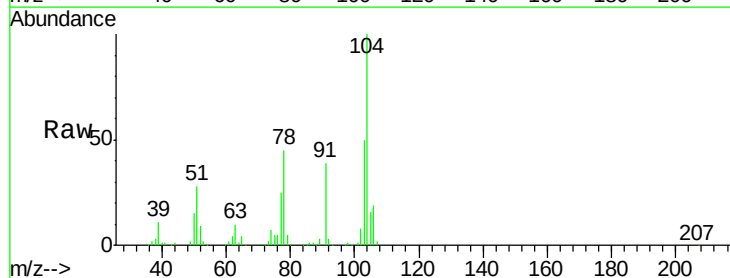


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

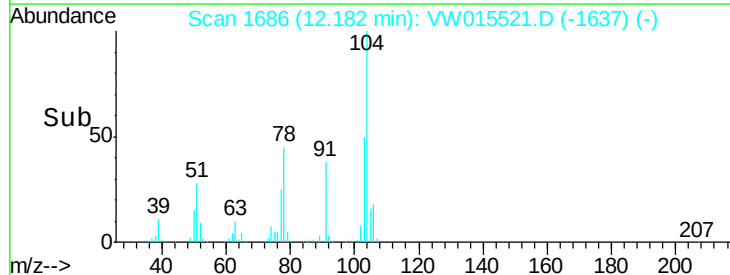
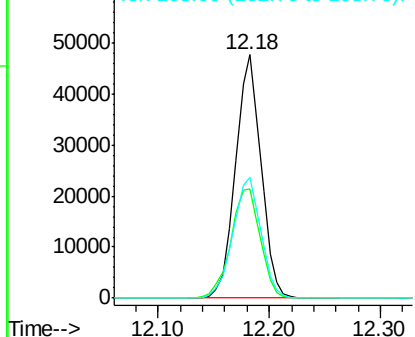


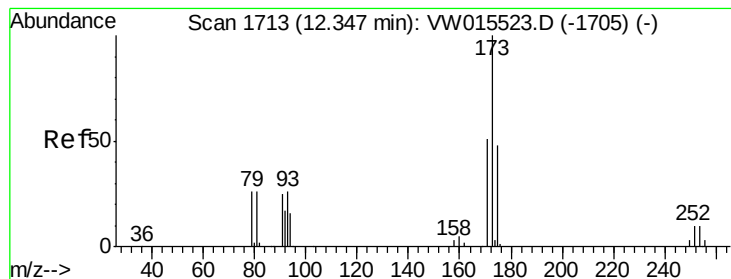
#70
Styrene
Concen: 9.867 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion:104 Resp: 75626
Ion Ratio Lower Upper
104 100
78 51.7 41.7 62.5
103 54.6 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 9.650 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

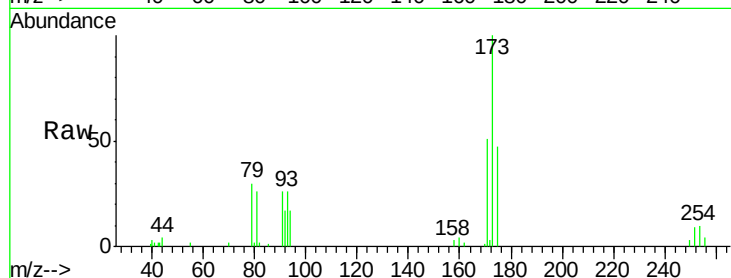
Tot Ion:173 Resp: 11204

Ion Ratio Lower Upper

173 100

175 48.9 24.8 74.3

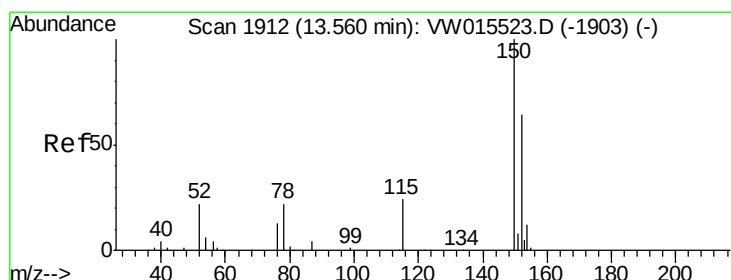
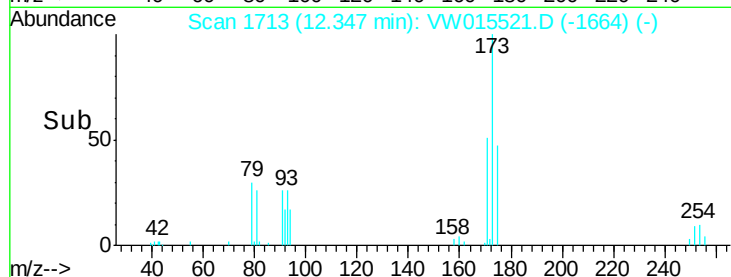
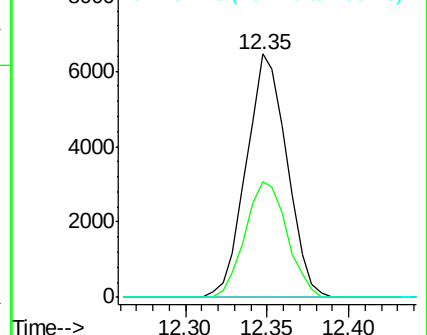
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VW015521.D

Acq: 02 Jun 2020 11:50

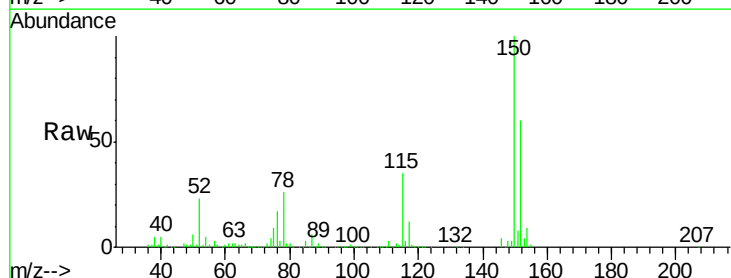
Tgt Ion:152 Resp: 161073

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

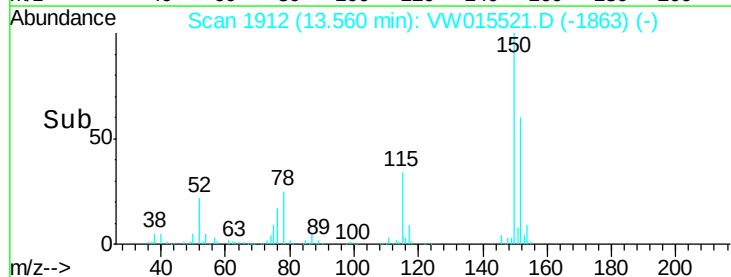
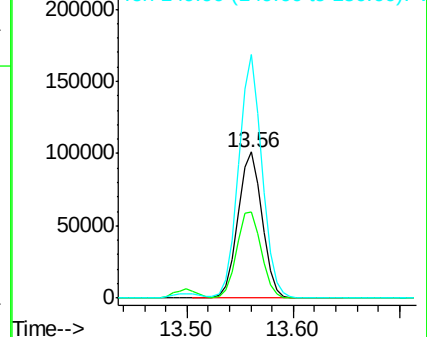
150 161.4 0.0 351.0

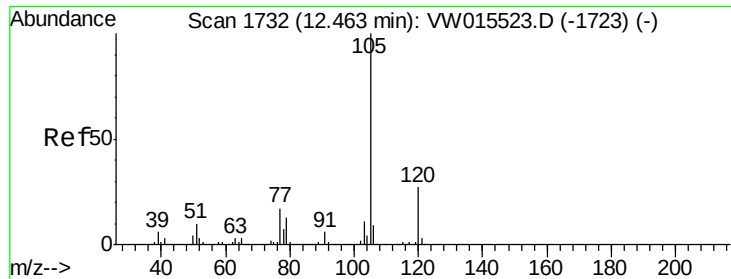


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.340 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

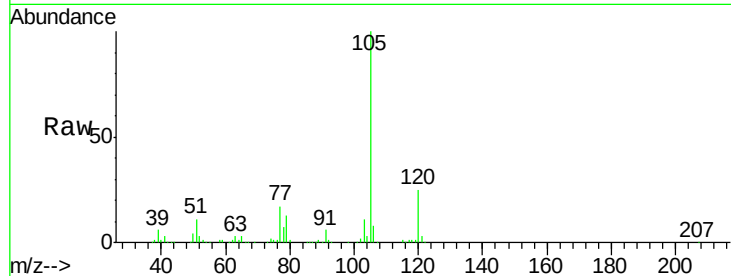
ClientSampleId :

Tot Ion:105 Resp: 126016

Ion Ratio Lower Upper

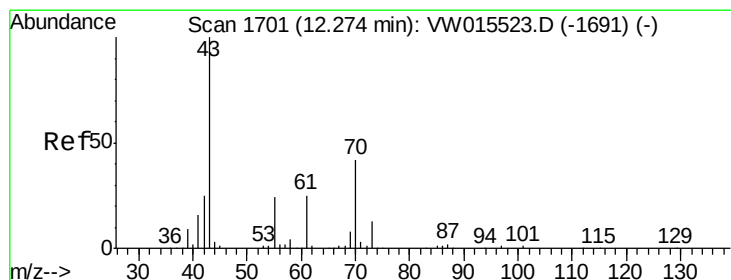
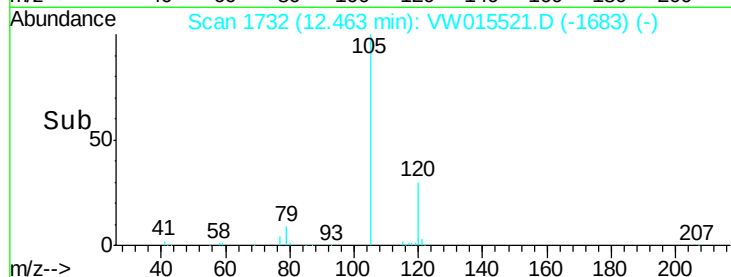
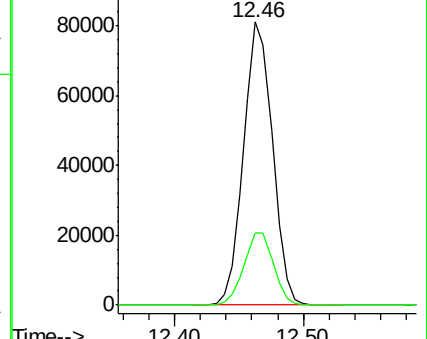
105 100

120 26.1 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 8.869 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Tgt Ion: 43 Resp: 25610

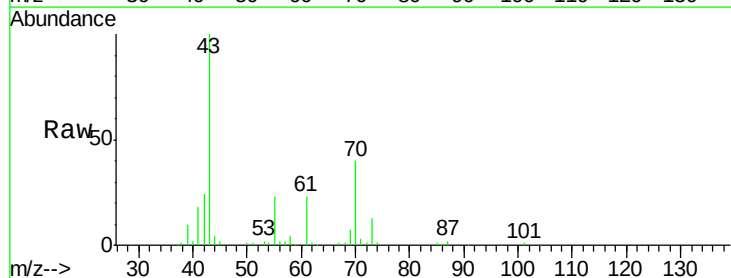
Ion Ratio Lower Upper

43 100

70 41.5 33.6 50.4

55 24.2 19.1 28.7

61 23.2 19.4 29.2

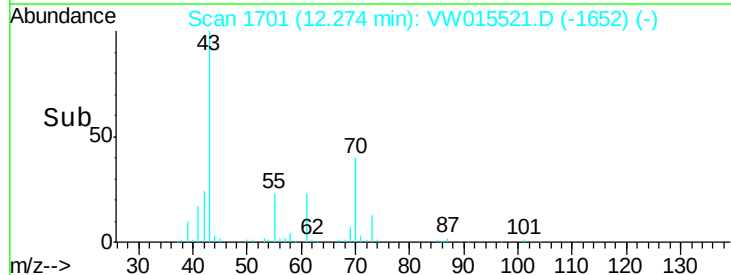
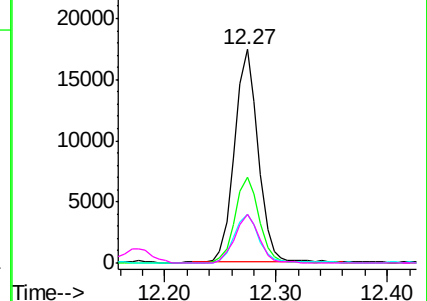


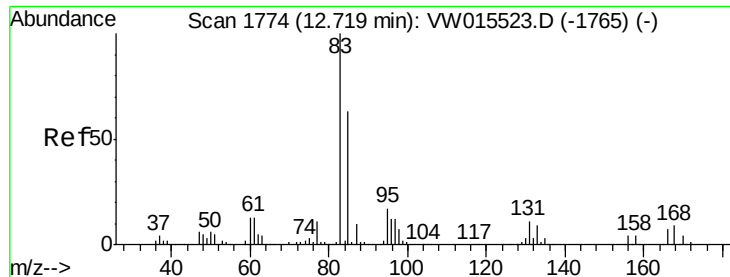
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 9.876 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

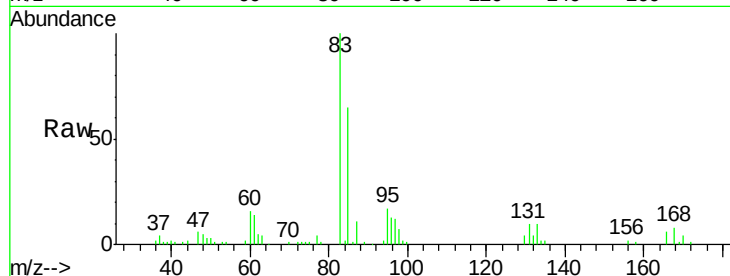
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 83 Resp: 19017

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	16.1
85	63.1	32.0	96.0



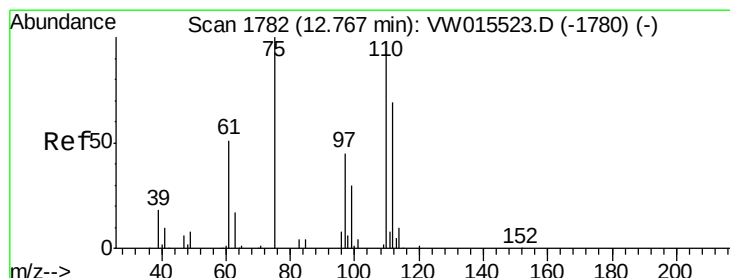
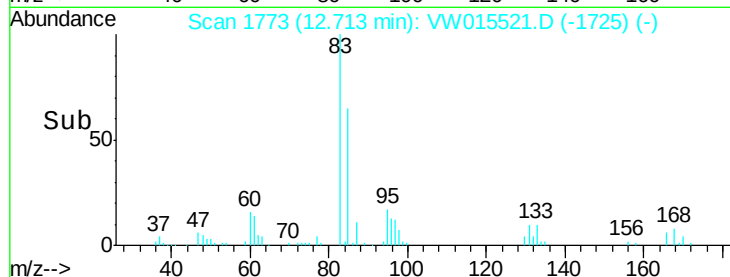
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW

12.71

Time-->



#76

1,2,3-Trichloropropane

Concen: 19.193 ug/l

RT: 12.77 min Scan# 1782

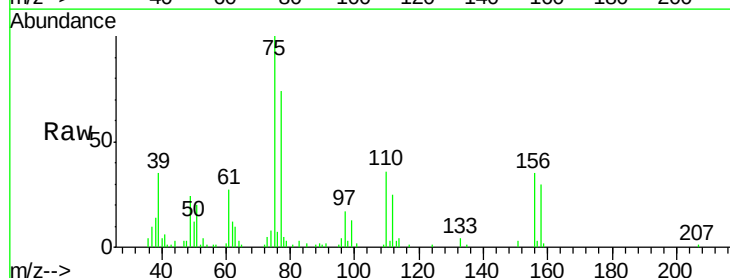
Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Tgt Ion: 75 Resp: 25454

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

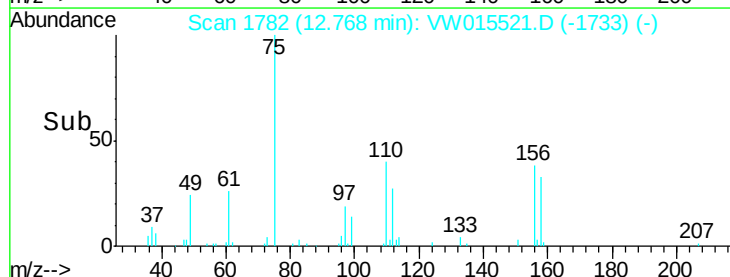


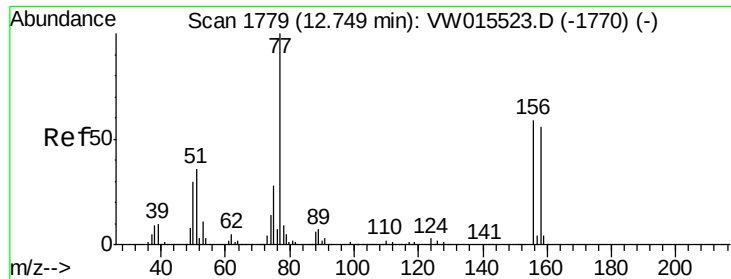
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.77

Time-->





#77

Bromobenzene

Concen: 10.456 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

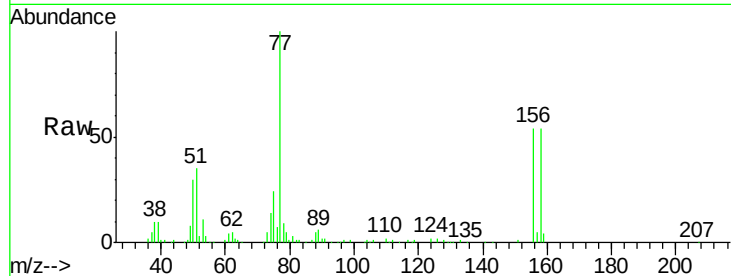
Instrument :

MSVOA_W

ClientSampled :

Tot Ion:156 Resp: 27196

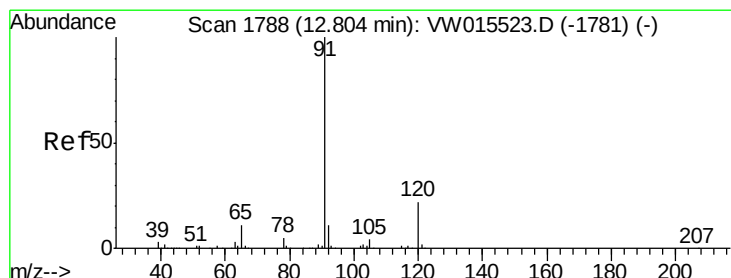
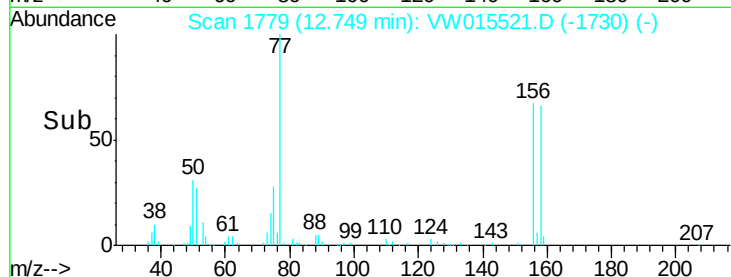
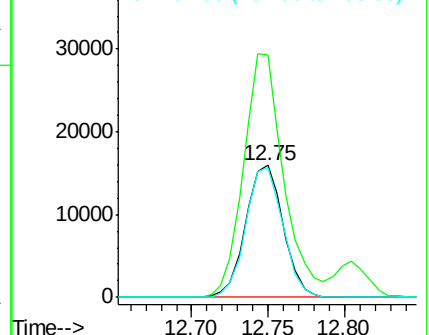
Ion	Ratio	Lower	Upper
156	100		
77	197.1	97.3	291.8
158	97.4	48.5	145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.304 ug/l

RT: 12.80 min Scan# 1788

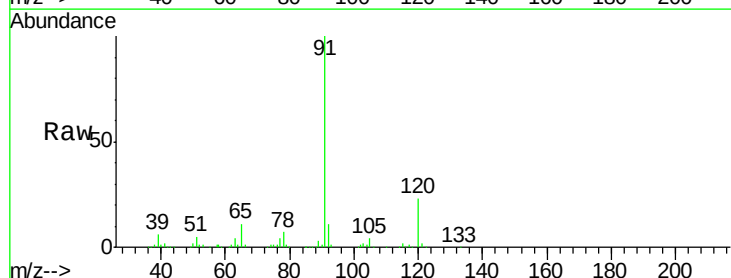
Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

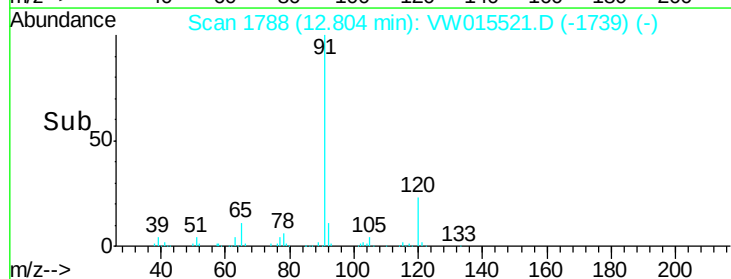
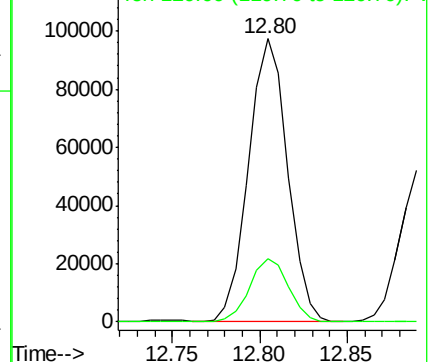
Tgt Ion: 91 Resp: 150461

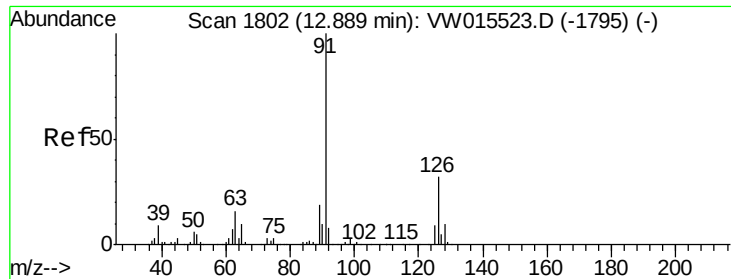
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.569 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

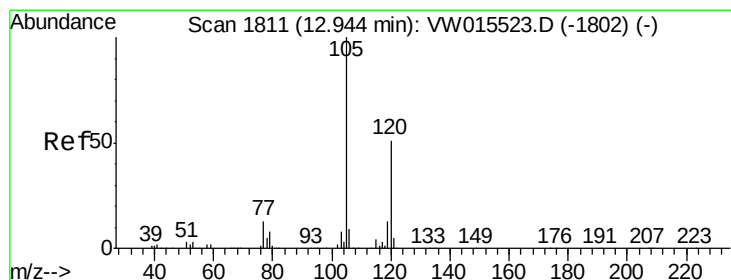
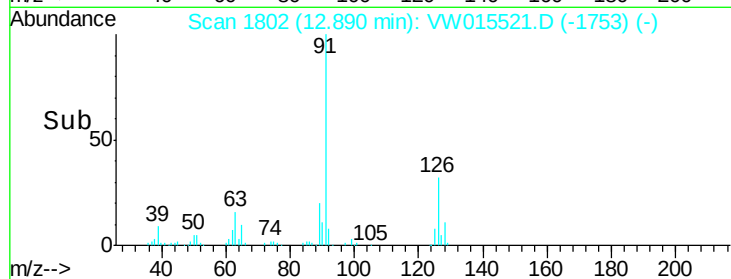
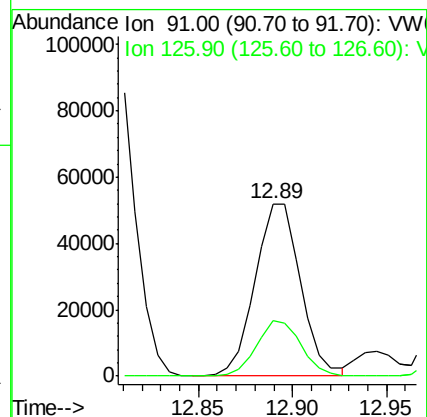
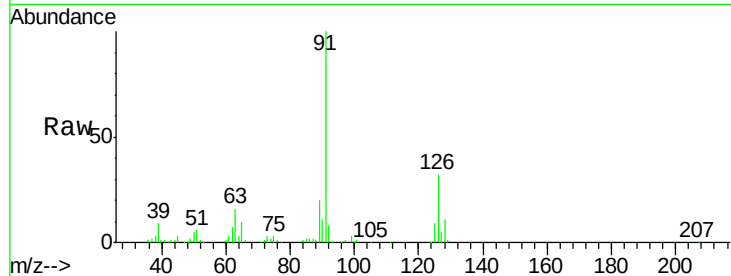
ClientSampled :

Tot Ion: 91 Resp: 87089

Ion Ratio Lower Upper

91 100

126 31.6 16.2 48.5



#80

1,3,5-Trimethylbenzene

Concen: 10.445 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015521.D

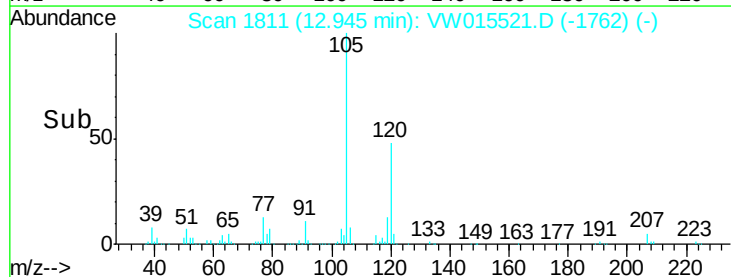
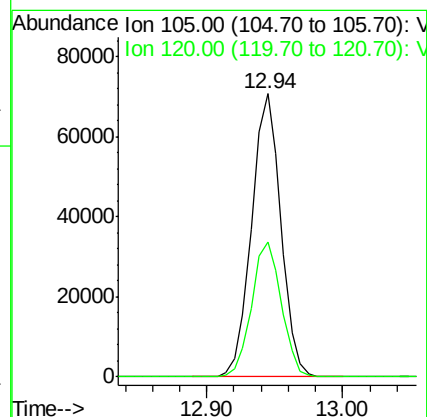
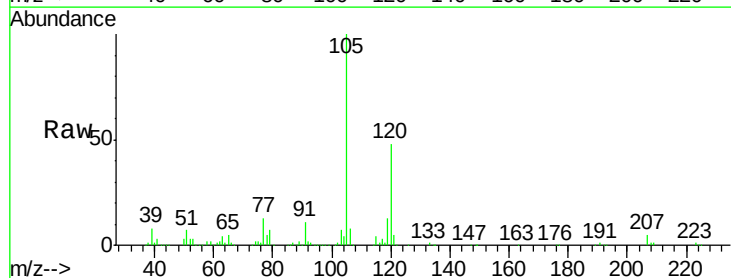
Acq: 02 Jun 2020 11:50

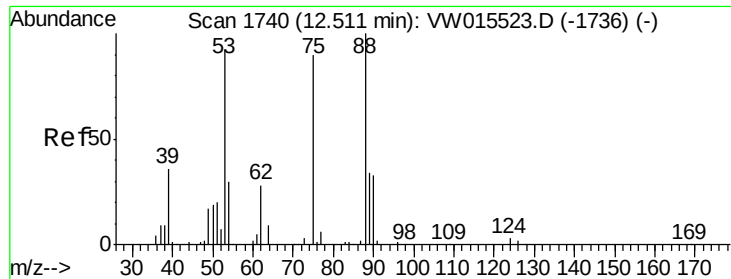
Tgt Ion: 105 Resp: 106945

Ion Ratio Lower Upper

105 100

120 48.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 8.716 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

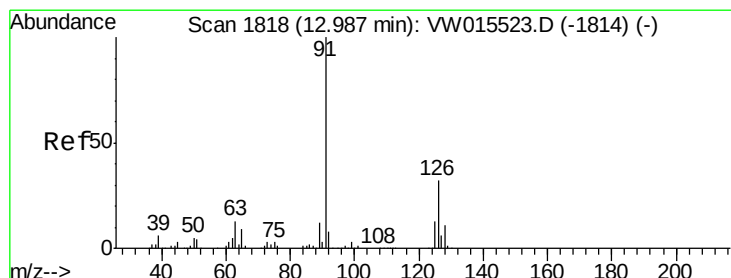
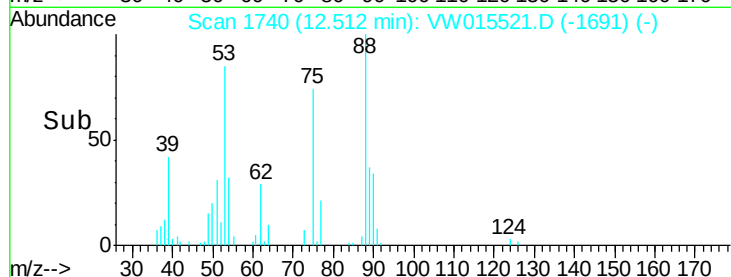
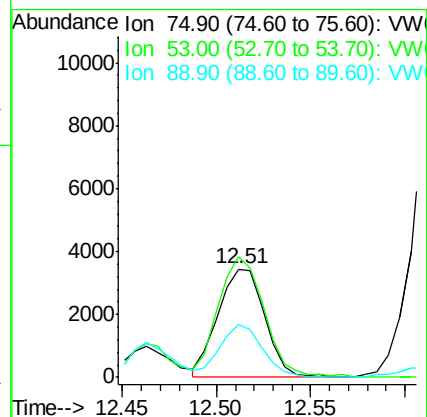
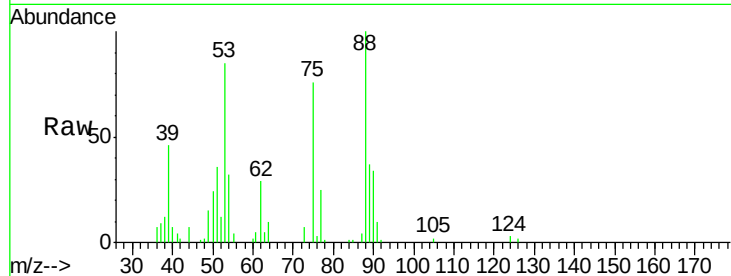
Tot Ion: 75 Resp: 5946

Ion Ratio Lower Upper

75 100

53 110.1 84.0 126.0

89 44.5 36.6 55.0



#82

4-Chlorotoluene

Concen: 10.186 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015521.D

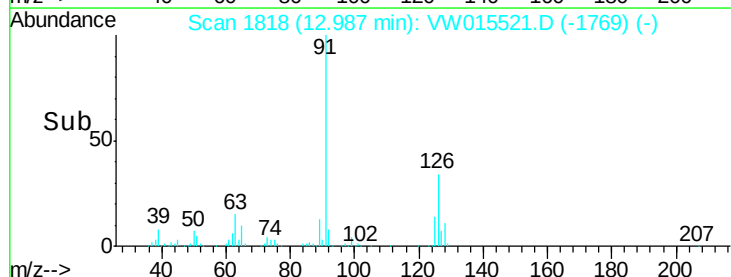
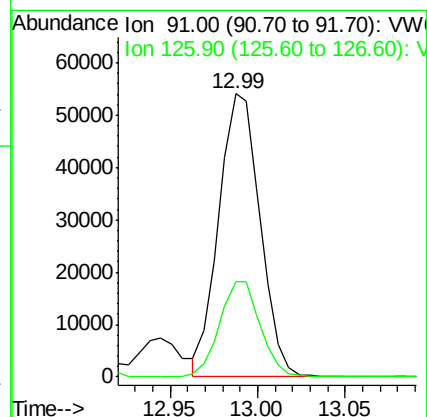
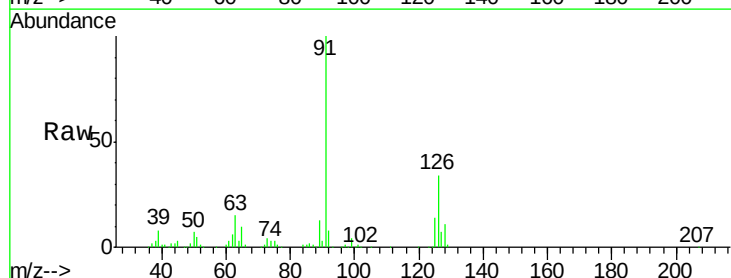
Acq: 02 Jun 2020 11:50

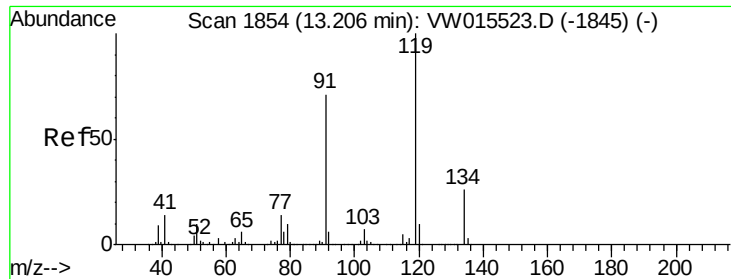
Tgt Ion: 91 Resp: 88650

Ion Ratio Lower Upper

91 100

126 33.4 16.4 49.4

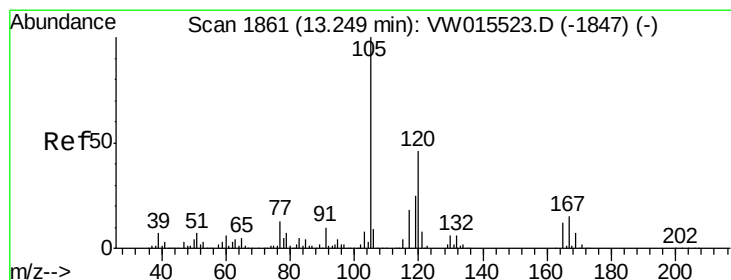
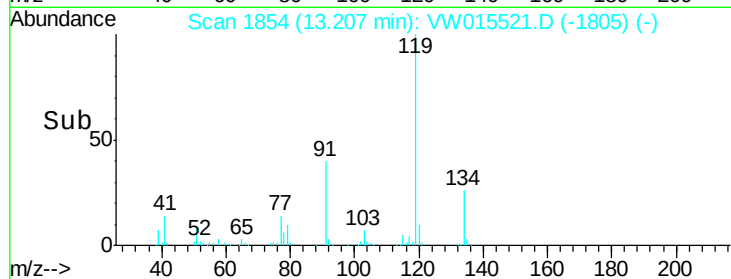
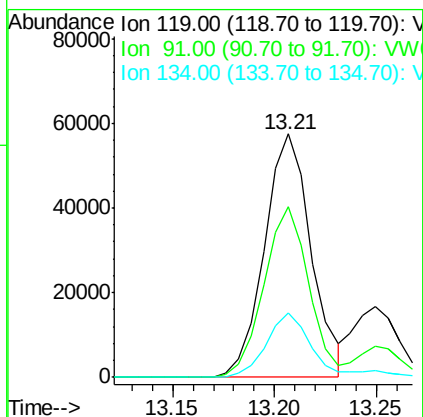
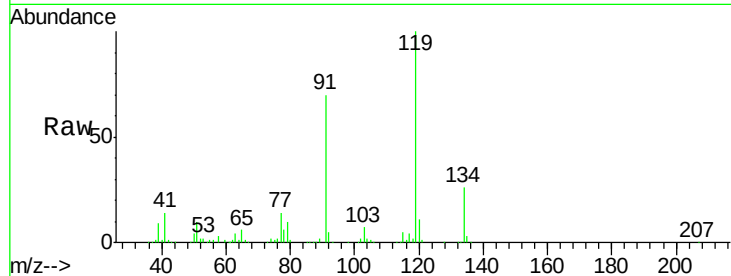




#83
tert-Butylbenzene
Concen: 10.488 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

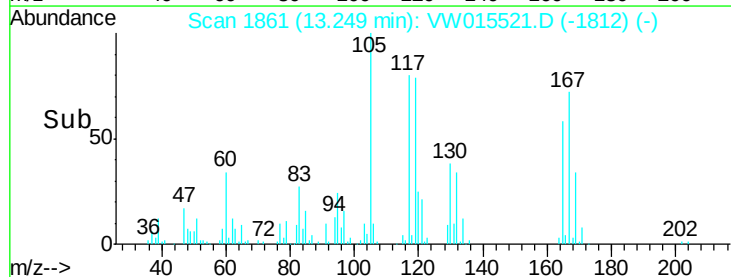
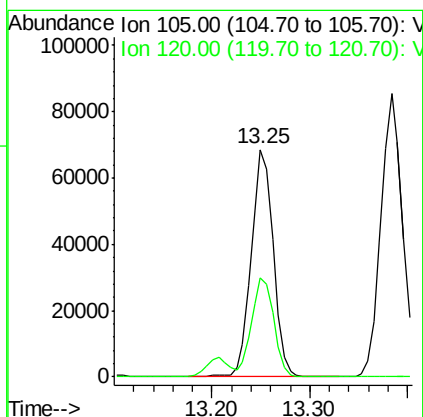
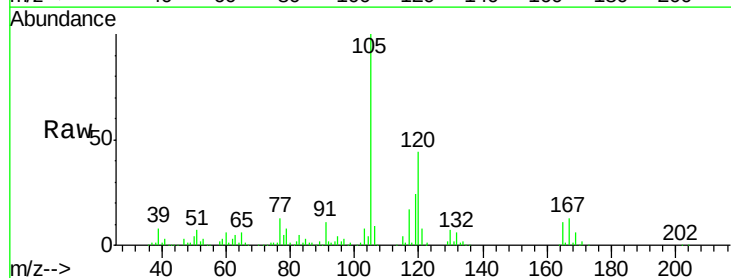
Instrument :
MSVOA_W
ClientSampleId :

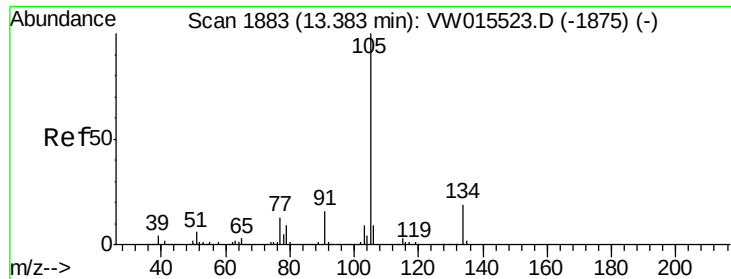
Tot Ion:119 Resp: 91623
Ion Ratio Lower Upper
119 100
91 67.5 34.2 102.5
134 24.8 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 10.443 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion:105 Resp: 107035
Ion Ratio Lower Upper
105 100
120 43.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 10.532 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

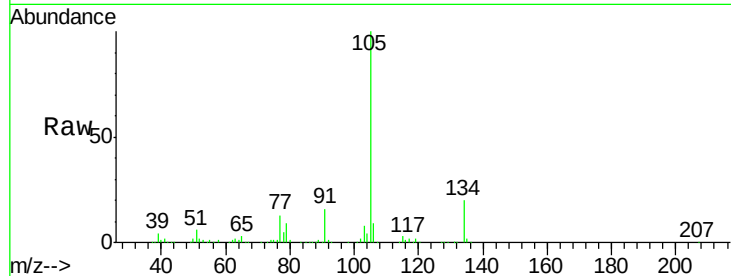
ClientSampleId :

Tot Ion:105 Resp: 129642

Ion Ratio Lower Upper

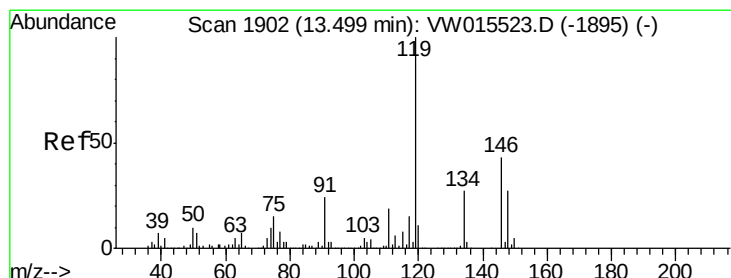
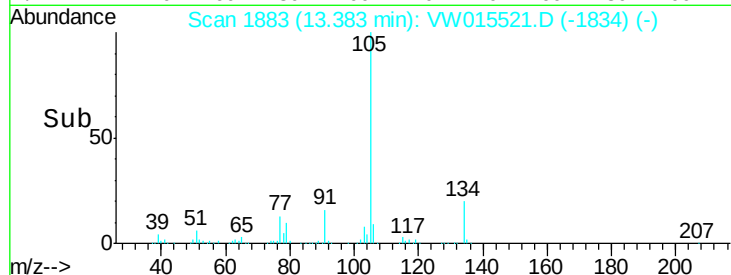
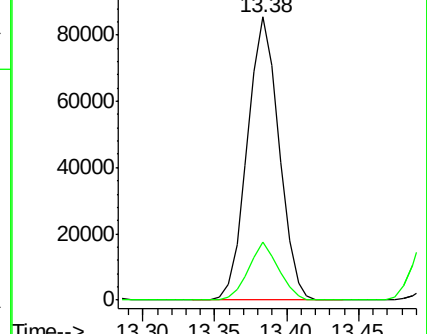
105 100

134 19.3 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.512 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

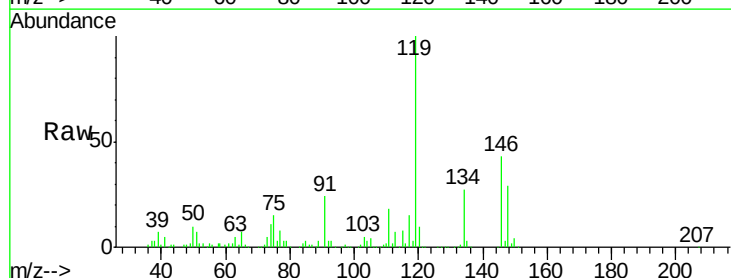
Tgt Ion:119 Resp: 118006

Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.5

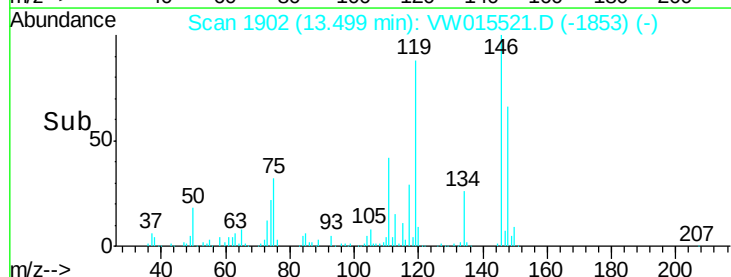
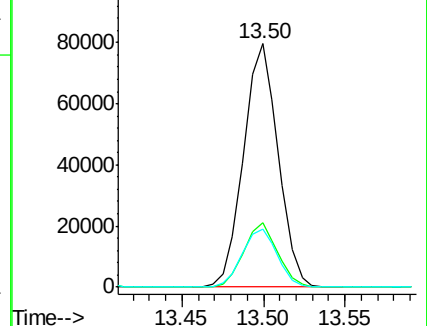
91 24.1 12.0 36.0

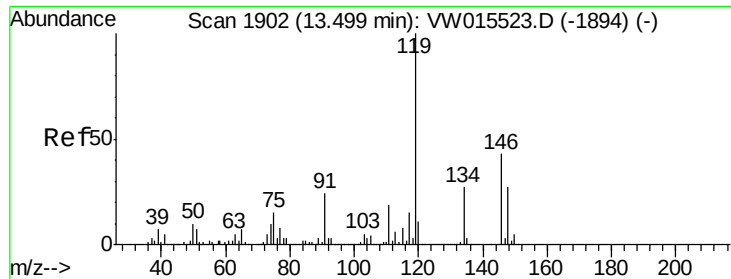


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

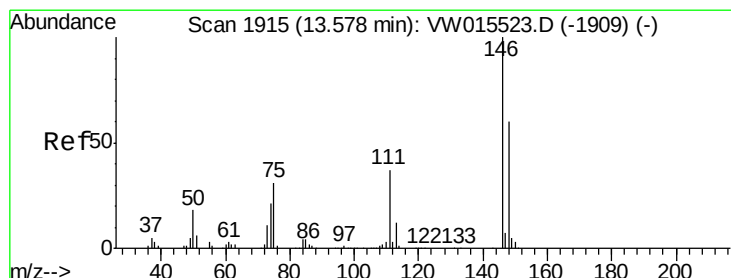
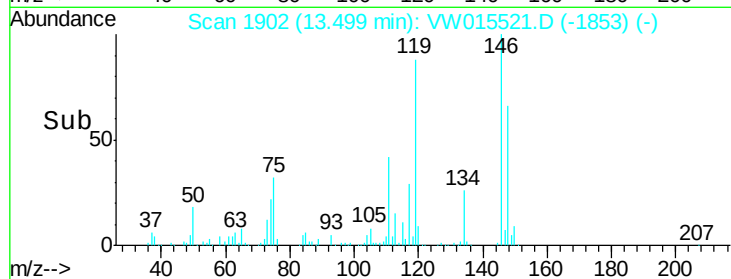
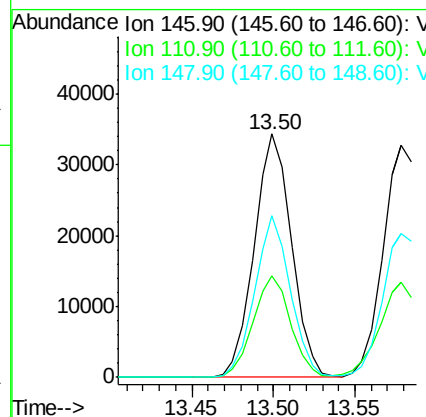
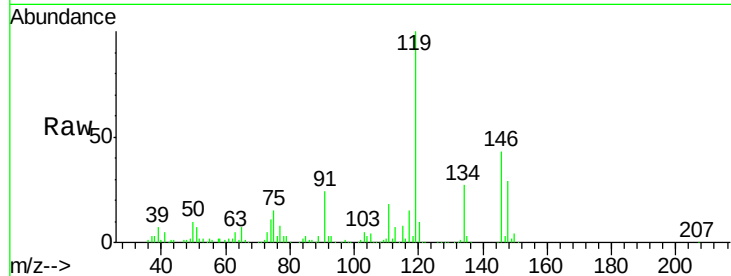




#87
 1,3-Dichlorobenzene
 Concen: 10.625 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

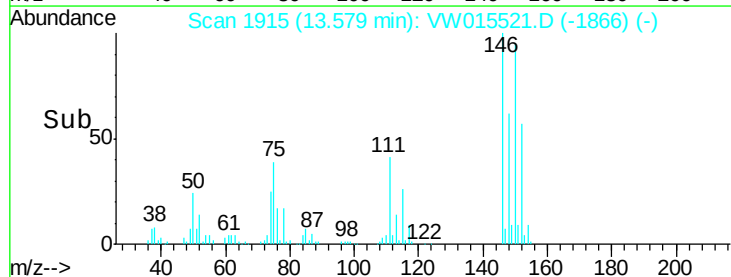
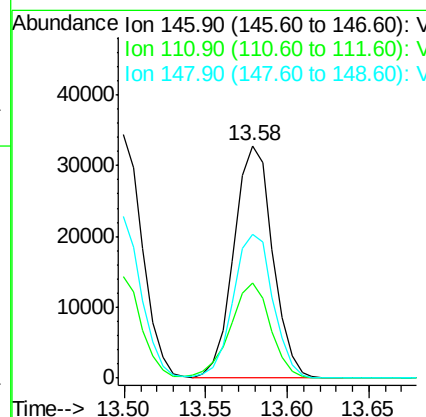
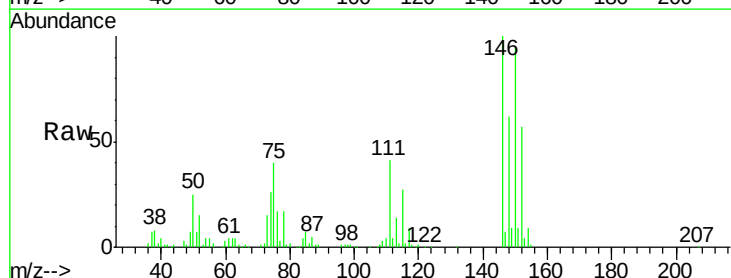
Instrument :
 MSVOA_W
 ClientSampled :

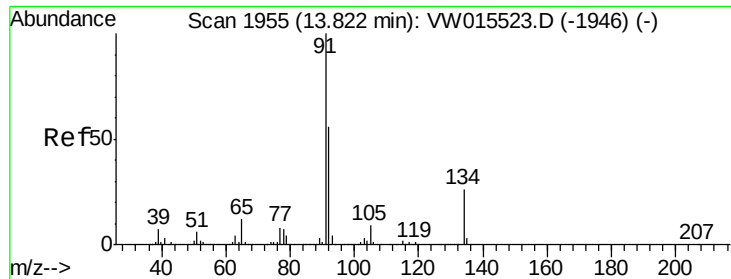
Tot Ion:146 Resp: 54641
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 63.4 31.2 93.6



#88
 1,4-Dichlorobenzene
 Concen: 10.626 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion:146 Resp: 54339
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.6 58.7
 148 64.0 30.9 92.7





#89

n-Butylbenzene

Concen: 10.345 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015521.D

Acq: 02 Jun 2020 11:50

Instrument :

MSVOA_W

ClientSampled :

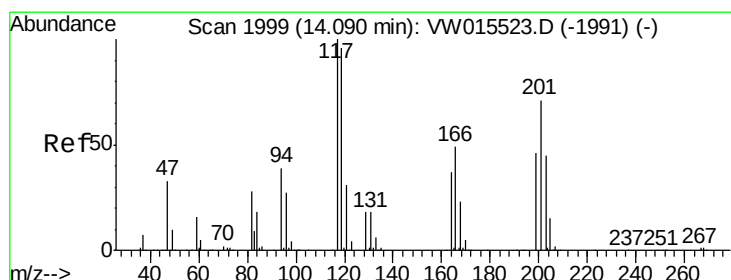
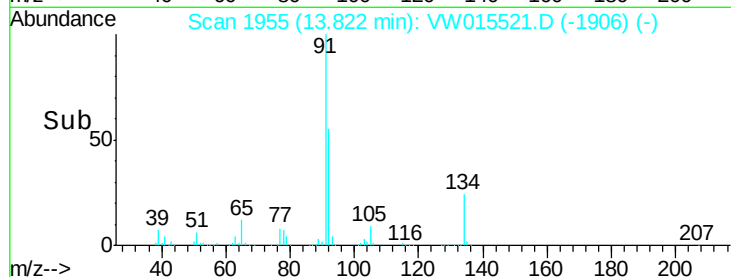
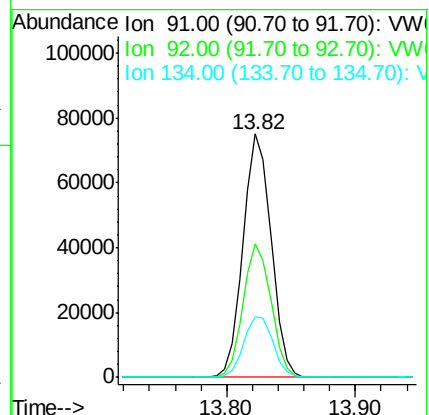
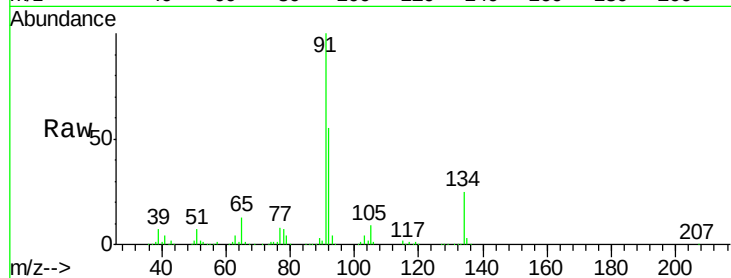
Tot Ion: 91 Resp: 113085

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.9

134 25.8 13.1 39.1



#90

Hexachloroethane

Concen: 10.223 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW015521.D

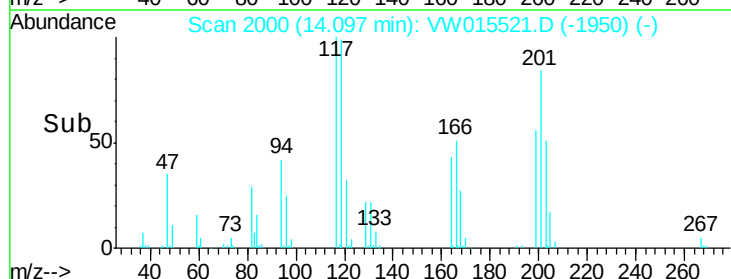
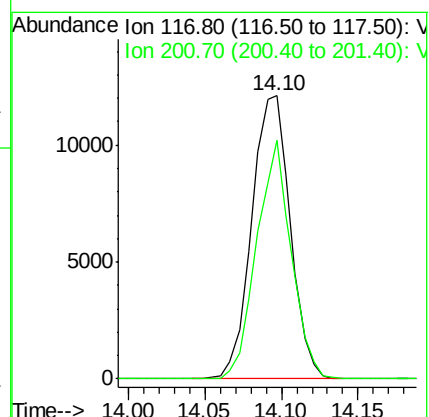
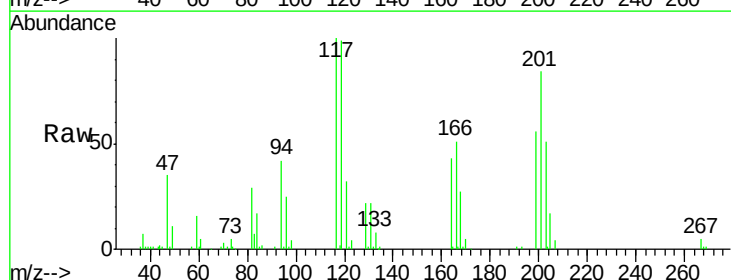
Acq: 02 Jun 2020 11:50

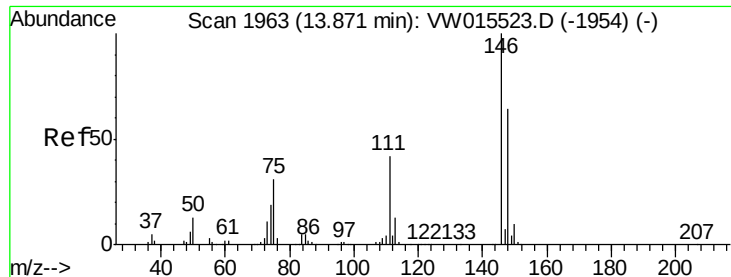
Tgt Ion: 117 Resp: 21189

Ion Ratio Lower Upper

117 100

201 75.7 38.5 115.3

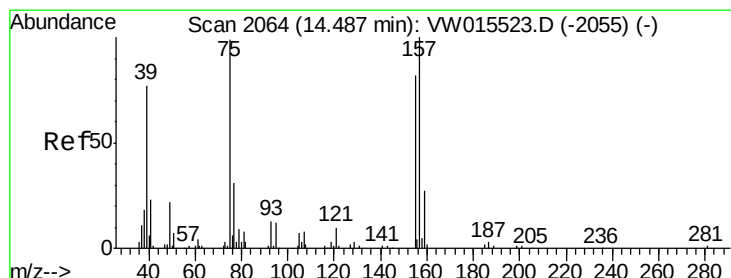
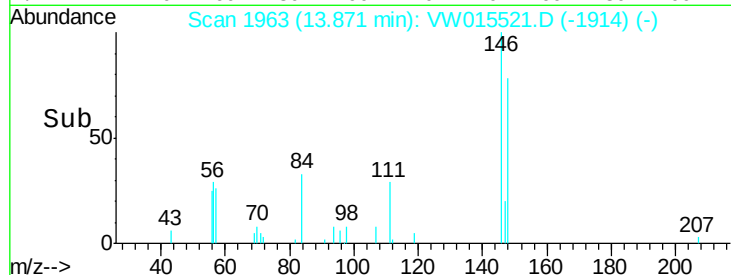
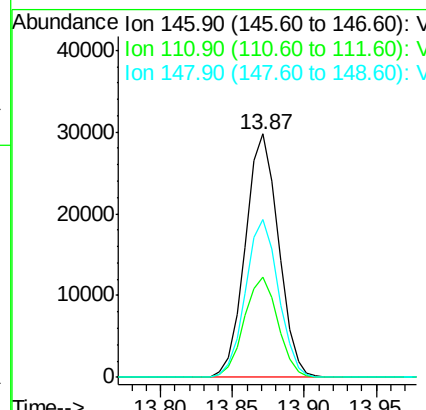
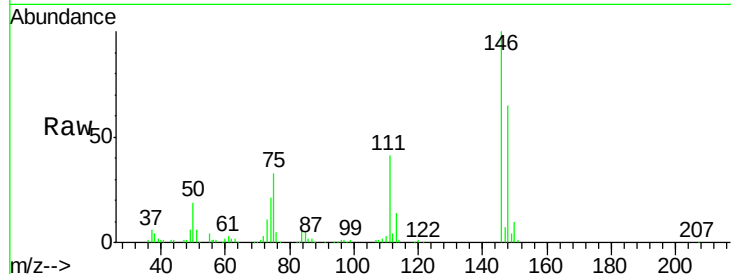




#91
 1,2-Dichlorobenzene
 Concen: 10.570 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

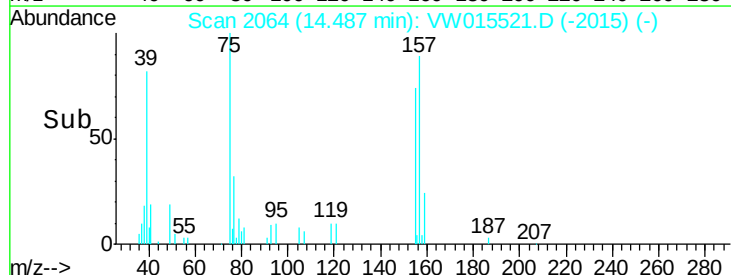
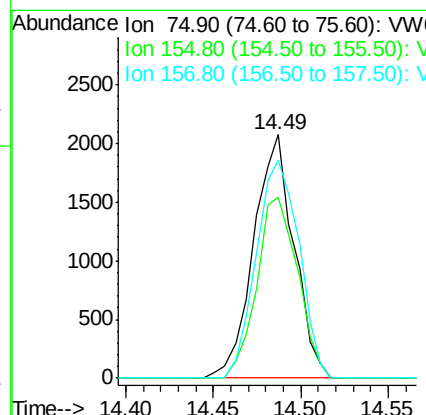
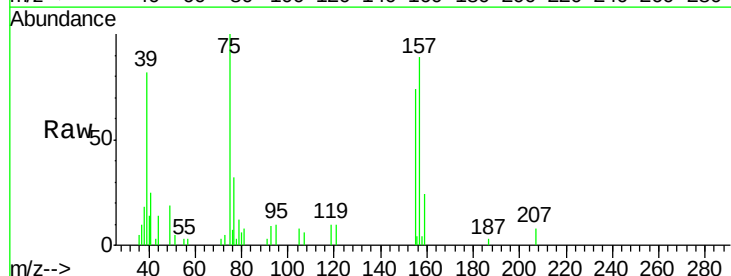
Instrument :
 MSVOA_W
 ClientSampleId :

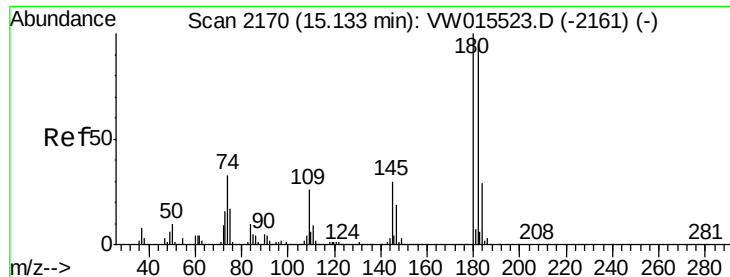
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.8
148	64.3	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.845 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	40.4	121.1
157	95.2	50.5	151.6

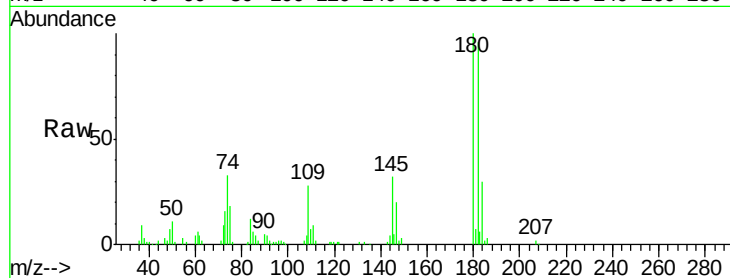




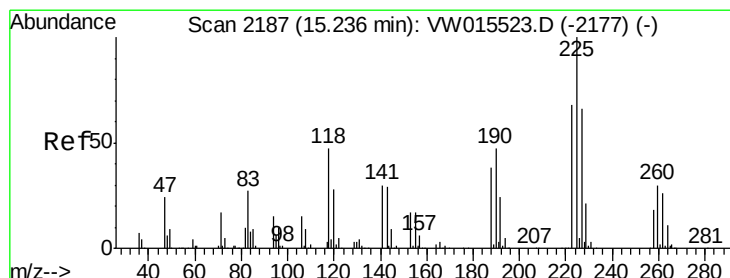
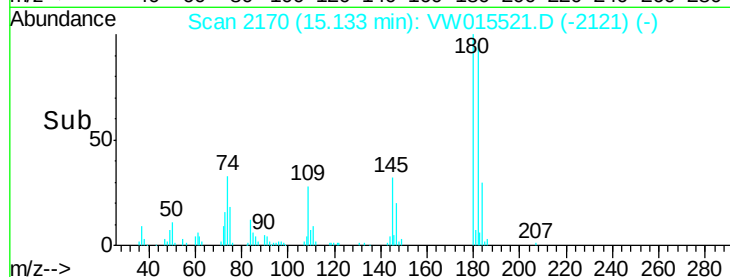
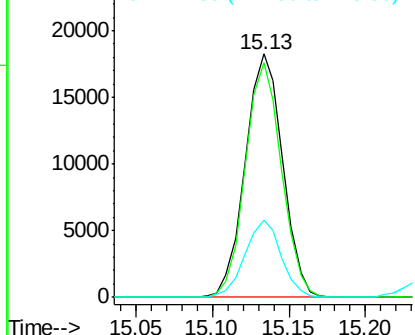
#93
 1,2,4-Trichlorobenzene
 Concen: 10.287 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 31054
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.7 143.1
 145 30.6 15.4 46.2

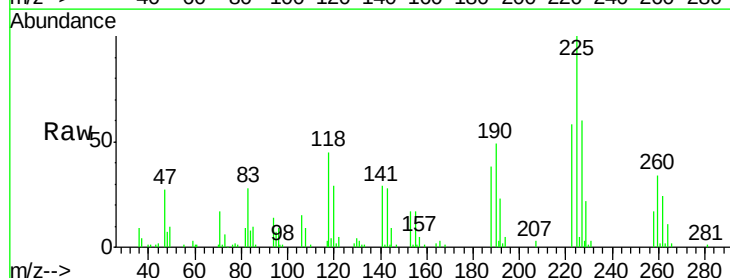


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

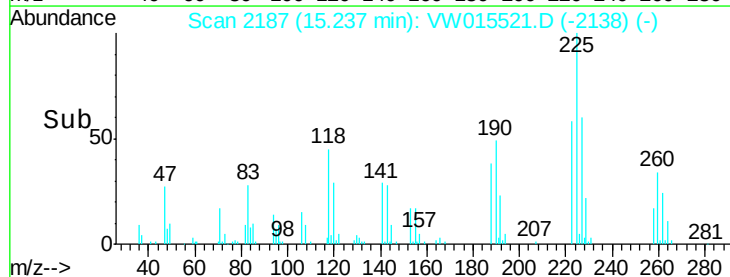
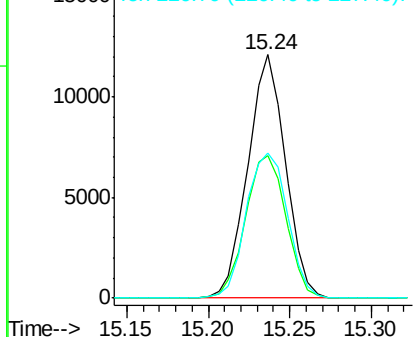


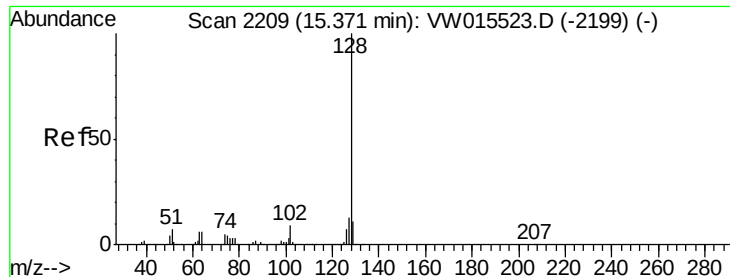
#94
 Hexachlorobutadiene
 Concen: 10.904 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015521.D
 Acq: 02 Jun 2020 11:50

Tgt Ion:225 Resp: 19493
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.8 95.4
 227 65.5 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

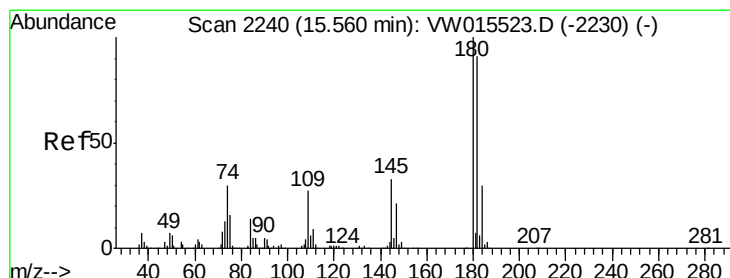
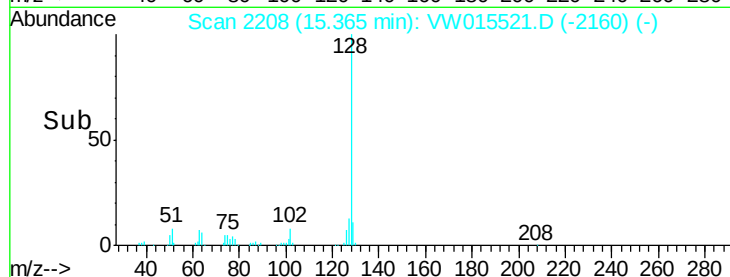
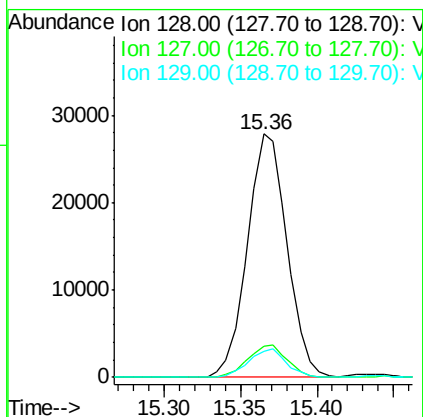
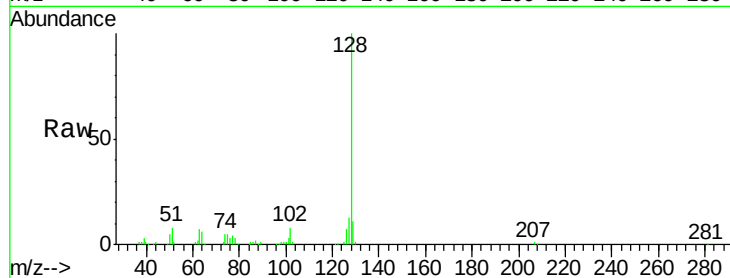




#95
Naphthalene
Concen: 9.245 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 50083
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 10.112 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015521.D
Acq: 02 Jun 2020 11:50

Tgt Ion:180 Resp: 26286
Ion Ratio Lower Upper
180 100
182 95.8 47.1 141.4
145 31.8 16.3 48.8

