

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015222.D
 Acq On : 20 Apr 2020 14:33
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW042020

Quant Time: Apr 21 06:25:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:19:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	186712	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	98010	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
35) Dibromofluoromethane	7.88	113	96744	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	10.32	98	418062	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.62	95	161083	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	104609	52.367	ug/l	97
3) Chloromethane	2.21	50	109213	50.205	ug/l	98
4) Vinyl Chloride	2.36	62	128175	49.897	ug/l	97
5) Bromomethane	2.78	94	92623	50.712	ug/l	92
6) Chloroethane	2.92	64	78097	49.013	ug/l	99
7) Trichlorofluoromethane	3.26	101	180952	49.781	ug/l	98
8) Diethyl Ether	3.69	74	48182	47.224	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.07	101	109513	48.855	ug/l	94
10) Methyl Iodide	4.28	142	121669	51.677	ug/l	99
11) Tert butyl alcohol	5.24	59	23499	139.359	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	105789	49.031	ug/l	98
13) Acrolein	3.91	56	19493	220.868	ug/l	96
14) Allyl chloride	4.68	41	137333	47.980	ug/l	87
15) Acrylonitrile	5.38	53	83135	214.112	ug/l	98
16) Acetone	4.16	43	70035	193.842	ug/l	98
17) Carbon Disulfide	4.39	76	314701	49.082	ug/l	98
18) Methyl Acetate	4.69	43	38729	40.496	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	227668	45.966	ug/l	99
20) Methylene Chloride	4.92	84	111740	47.190	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	118552	48.448	ug/l	94
22) Diisopropyl ether	6.32	45	264499	48.169	ug/l	95
23) Vinyl Acetate	6.26	43	747842	232.085	ug/l	96
24) 1,1-Dichloroethane	6.22	63	184670	48.526	ug/l	98
25) 2-Butanone	7.18	43	95996	200.264	ug/l #	89
26) 2,2-Dichloropropane	7.17	77	189452	47.320	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	128545	48.659	ug/l	98
28) Bromochloromethane	7.52	49	66006	47.705	ug/l #	79
29) Tetrahydrofuran	7.54	42	60456	202.436	ug/l	89
30) Chloroform	7.68	83	199112	48.478	ug/l	99
31) Cyclohexane	7.96	56	175924	45.989	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	191227	48.240	ug/l	99
36) 1,1-Dichloropropene	8.09	75	158615	48.383	ug/l	98
37) Ethyl Acetate	7.26	43	46054	43.286	ug/l #	97
38) Carbon Tetrachloride	8.07	117	173682	48.480	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	210995	48.356	ug/l	96
40) Benzene	8.32	78	427829	48.855	ug/l	96
41) Methacrylonitrile	7.49	41	29501	46.213	ug/l	97
42) 1,2-Dichloroethane	8.40	62	120785	46.852	ug/l	100
43) Isopropyl Acetate	8.43	43	97262	43.587	ug/l	94
44) Trichloroethene	9.09	130	131036	48.919	ug/l	92
45) 1,2-Dichloropropane	9.37	63	97935	48.090	ug/l	99
46) Dibromomethane	9.46	93	53973	45.817	ug/l #	88
47) Bromodichloromethane	9.65	83	149841	47.581	ug/l	98
48) Methyl methacrylate	9.44	41	48229	45.720	ug/l	91
49) 1,4-Dioxane	9.48	88	12940	823.971	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	225466	215.242	ug/l	97
52) Toluene	10.39	92	306856	50.068	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	147598	47.533	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	173388	48.040	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	75586	45.822	ug/l	95
56) Ethyl methacrylate	10.65	69	97023	45.657	ug/l	94
57) 1,3-Dichloropropane	10.93	76	127733	46.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	218078	221.354	ug/l	91
59) 2-Hexanone	10.97	43	157264	210.318	ug/l	97
60) Dibromochloromethane	11.13	129	102129	46.892	ug/l	100
61) 1,2-Dibromoethane	11.23	107	73692	45.783	ug/l	99
64) Tetrachloroethene	10.86	164	119193	48.801	ug/l	94
65) Chlorobenzene	11.66	112	333900	49.722	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	114120	47.282	ug/l	97
67) Ethyl Benzene	11.73	91	615613	49.158	ug/l	100
68) m/p-Xylenes	11.84	106	488409	99.497	ug/l	100
69) o-Xylene	12.16	106	225300	49.173	ug/l	99
70) Styrene	12.18	104	390381	49.984	ug/l	99
71) Bromoform	12.35	173	61671	45.348	ug/l #	98
73) Isopropylbenzene	12.46	105	634462	49.010	ug/l	100
74) N-amyl acetate	12.27	43	100394	44.576	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	79771	43.400	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	112863	78.137	ug/l #	100
77) Bromobenzene	12.74	156	144204	48.484	ug/l	85
78) n-propylbenzene	12.80	91	739394	49.055	ug/l	97
79) 2-Chlorotoluene	12.89	91	419482	49.383	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	546049	48.966	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	29551	44.723	ug/l	94
82) 4-Chlorotoluene	12.99	91	451053	50.012	ug/l	99
83) tert-Butylbenzene	13.21	119	479733	49.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	537149	48.836	ug/l	99
85) sec-Butylbenzene	13.38	105	658661	48.933	ug/l	97
86) p-Isopropyltoluene	13.50	119	619649	49.541	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	291946	49.402	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	285818	49.339	ug/l	97
89) n-Butylbenzene	13.82	91	559188	48.913	ug/l	98
90) Hexachloroethane	14.09	117	112893	49.217	ug/l	76
91) 1,2-Dichlorobenzene	13.87	146	249892	48.662	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14763	44.383	ug/l	88

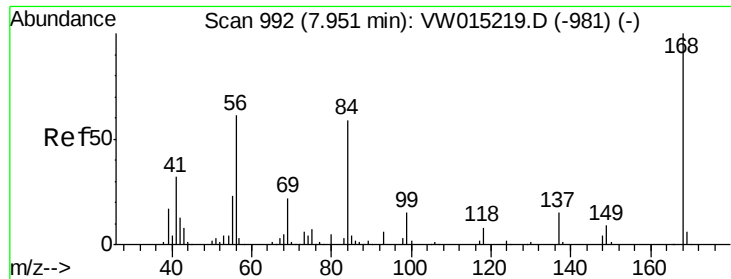
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	176215	49.368	ug/l	97
94) Hexachlorobutadiene	15.23	225	115788	48.656	ug/l	97
95) Naphthalene	15.36	128	282293	49.165	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	144987	49.924	ug/l	98

(#) = 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. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

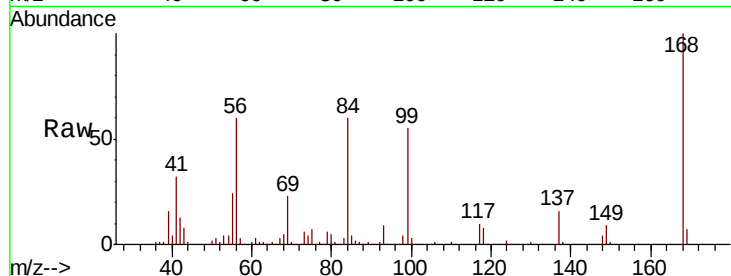
ICVW042020

Tot Ion:168 Resp: 252959

Ion Ratio Lower Upper

168 100

99 54.6 48.5 72.7



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

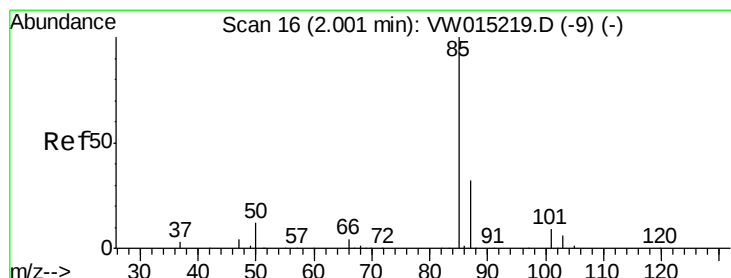
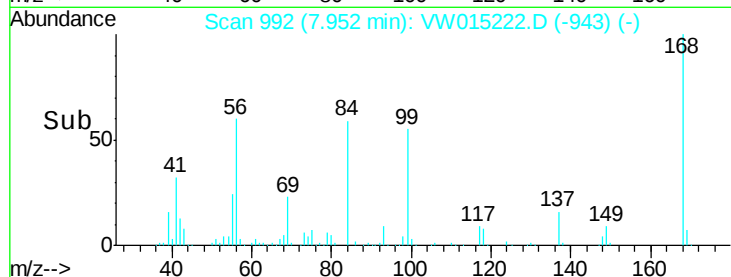
0

Time-->

7.90

8.00

8.10



#2

Dichlorodifluoromethane

Concen: 52.367 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015222.D

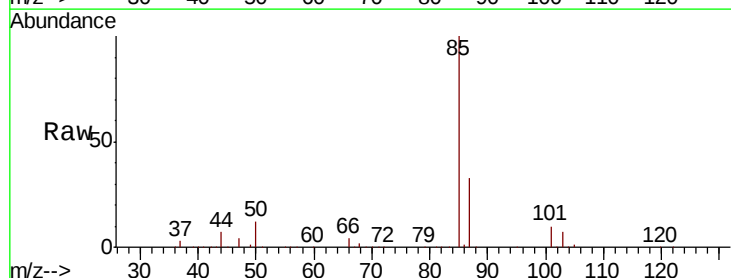
Acq: 20 Apr 2020 14:33

Tgt Ion: 85 Resp: 104609

Ion Ratio Lower Upper

85 100

87 32.6 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

40000

20000

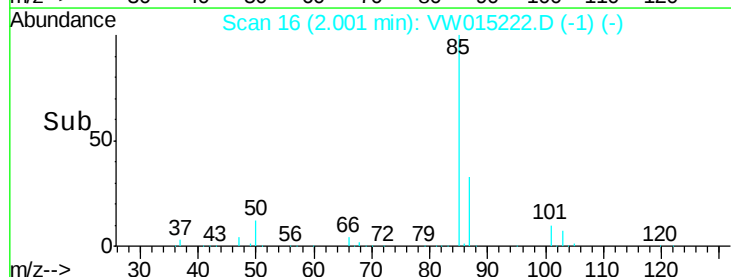
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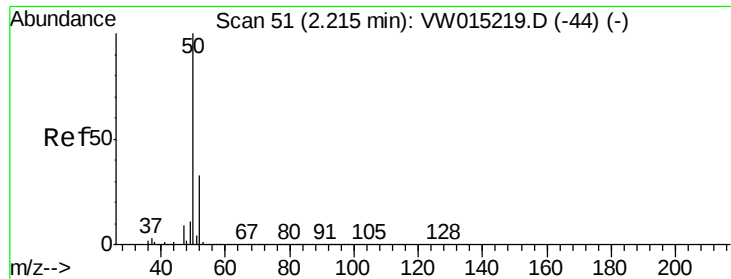
Time-->

1.90

2.00

2.10





#3

Chloromethane

Concen: 50.205 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

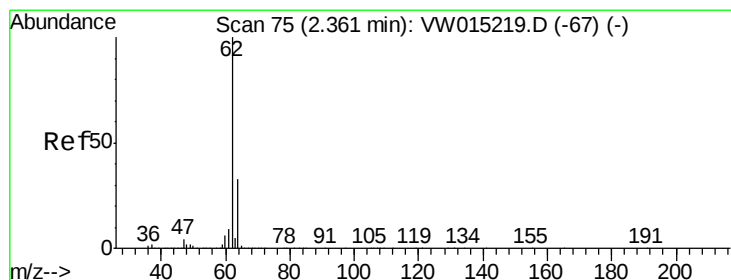
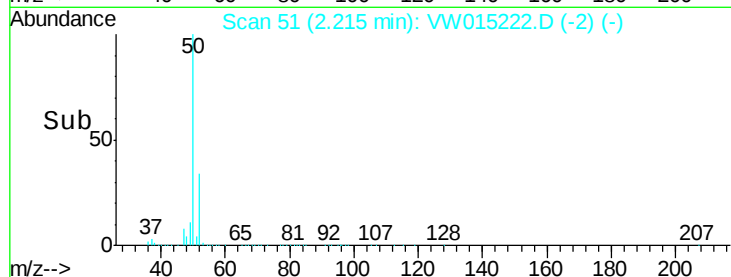
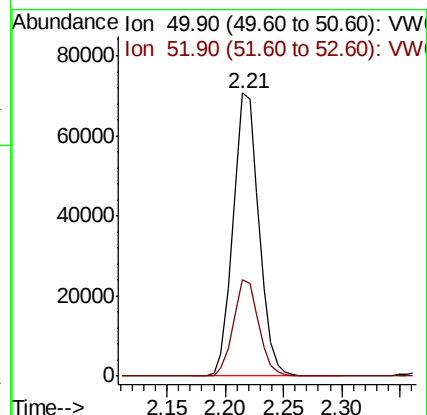
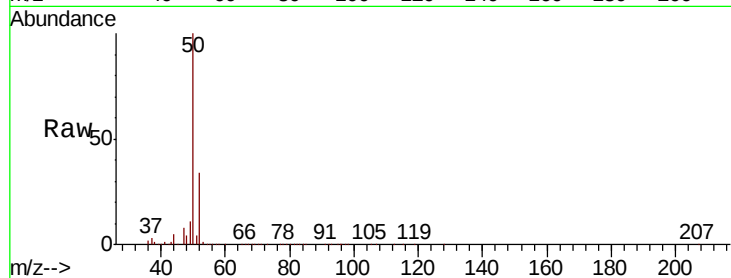
ICVW042020

Tot Ion: 50 Resp: 109213

Ion Ratio Lower Upper

50 100

52 34.2 26.5 39.7



#4

Vinyl Chloride

Concen: 49.897 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015222.D

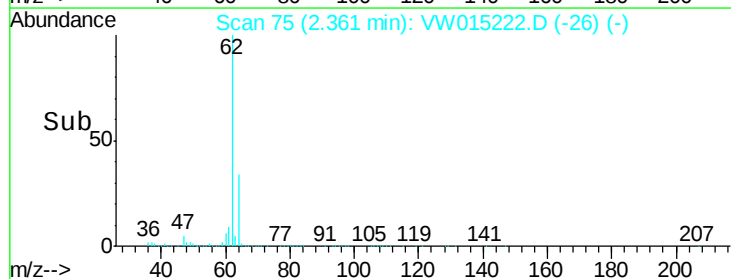
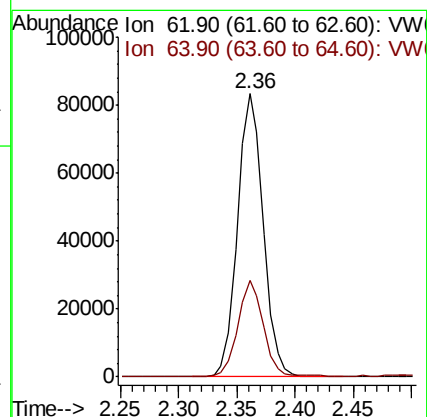
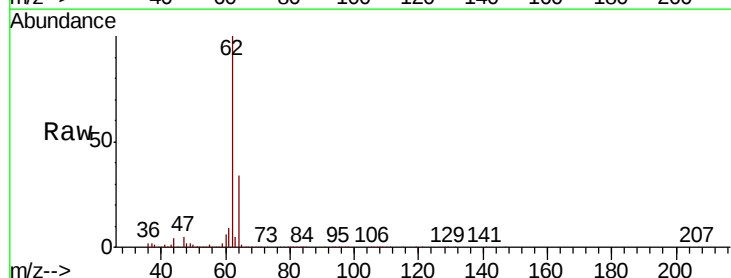
Acq: 20 Apr 2020 14:33

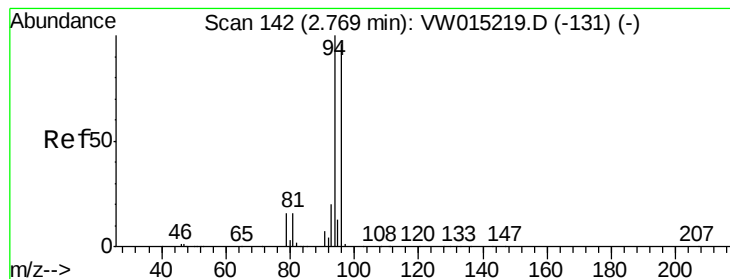
Tgt Ion: 62 Resp: 128175

Ion Ratio Lower Upper

62 100

64 33.7 25.4 38.2





#5

Bromomethane

Concen: 50.712 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

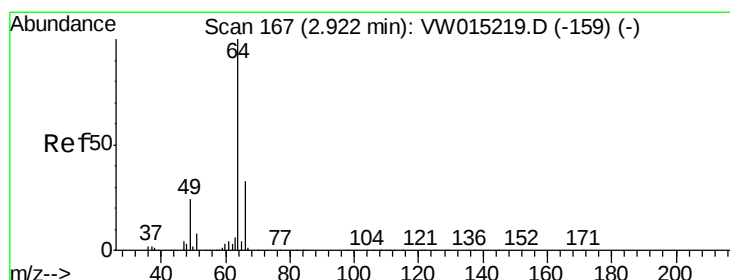
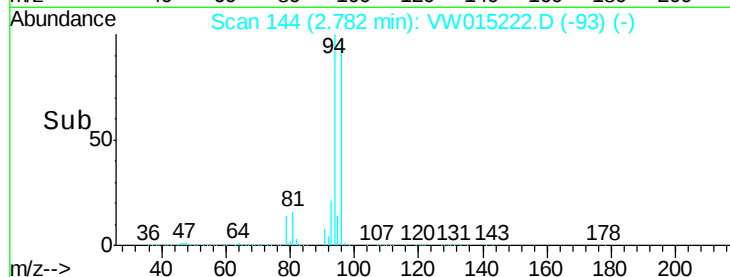
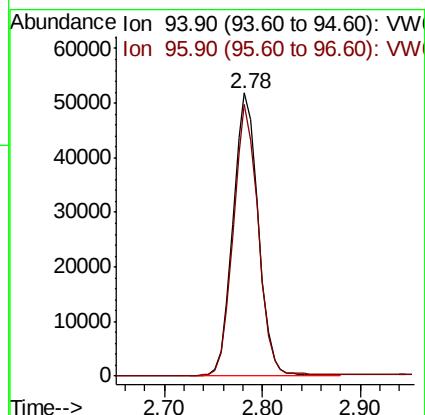
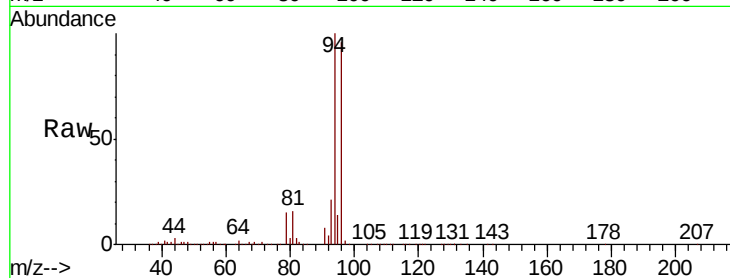
ICVW042020

Tot Ion: 94 Resp: 92623

Ion Ratio Lower Upper

94 100

96 95.9 70.4 105.6



#6

Chloroethane

Concen: 49.013 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015222.D

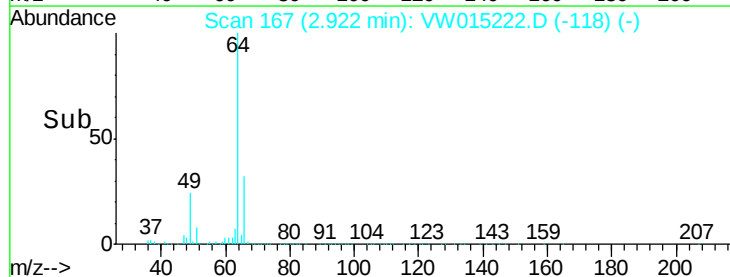
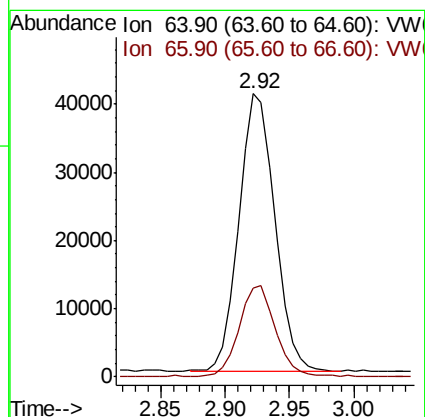
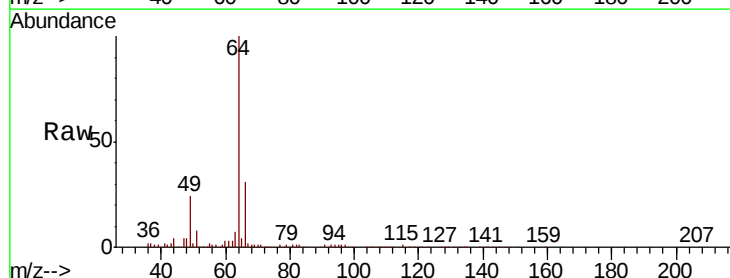
Acq: 20 Apr 2020 14:33

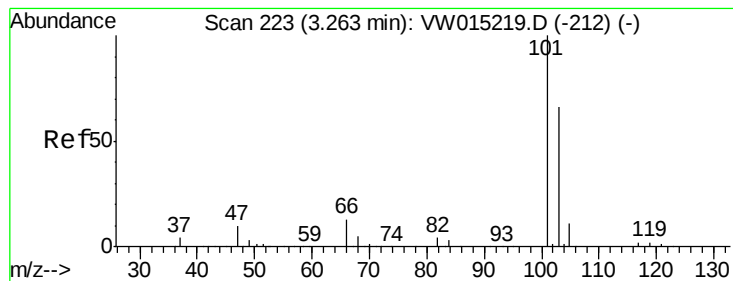
Tgt Ion: 64 Resp: 78097

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.6



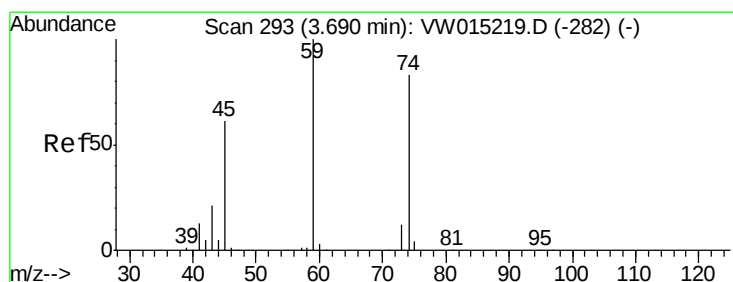
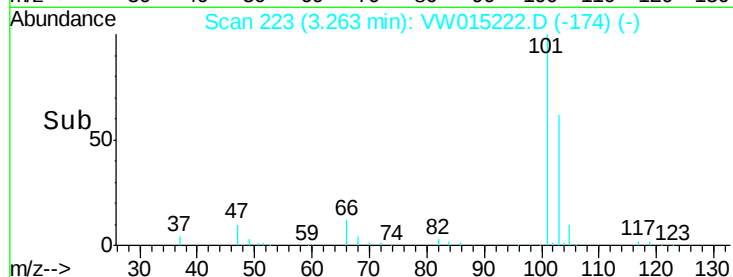
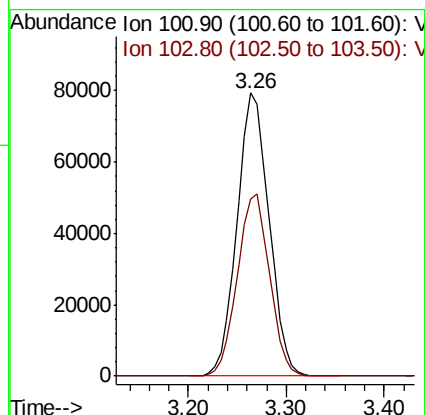
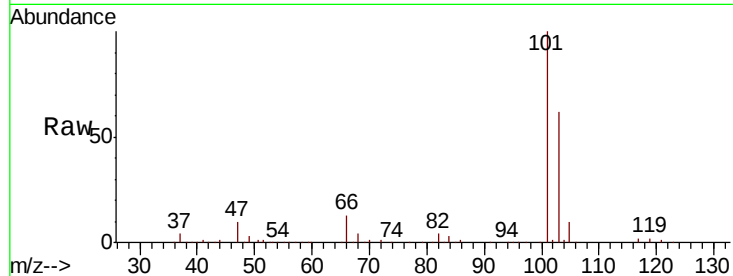


#7

Trichlorofluoromethane
 Concen: 49.781 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Instrument :
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 ICVVW042020

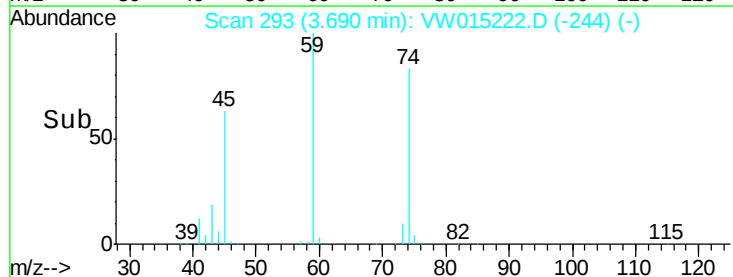
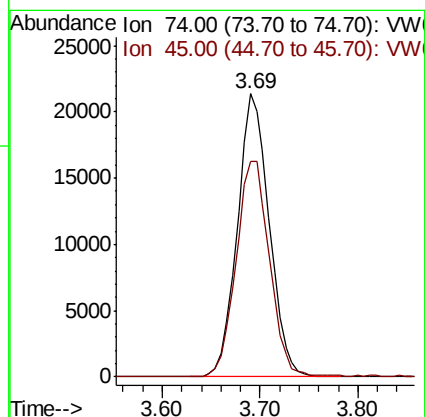
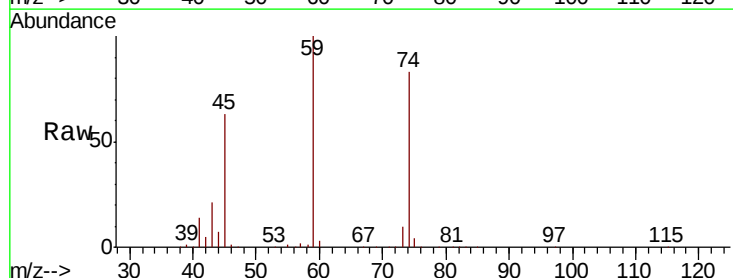
Tot Ion:101 Resp: 180952
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.3 76.9

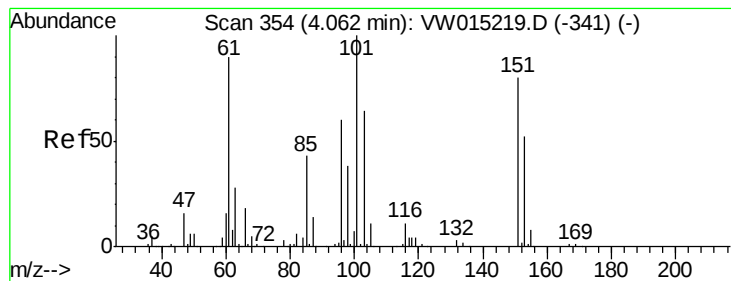


#8

Diethyl Ether
 Concen: 47.224 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion: 74 Resp: 48182
 Ion Ratio Lower Upper
 74 100
 45 79.9 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.855 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

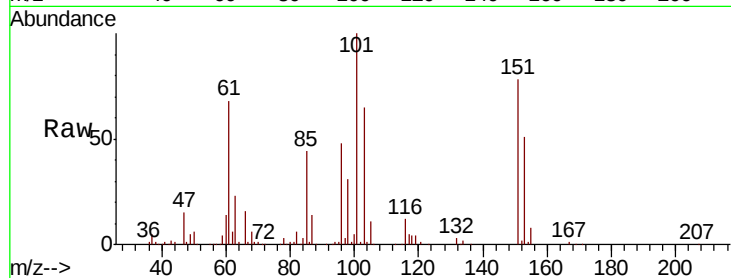
Tot Ion:101 Resp: 109513

Ion Ratio Lower Upper

101 100

85 43.9 35.3 52.9

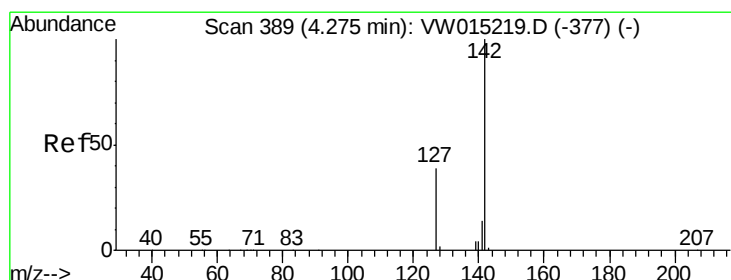
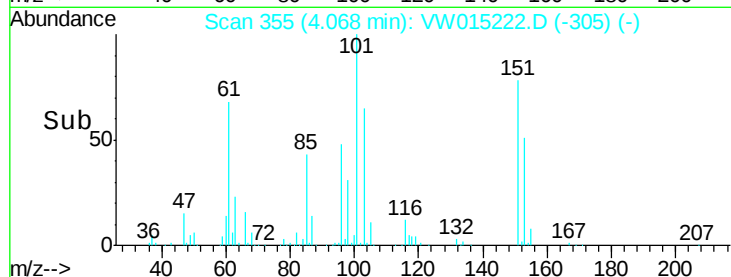
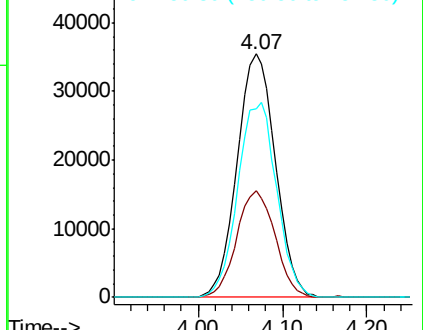
151 81.4 59.3 88.9



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: 51.677 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

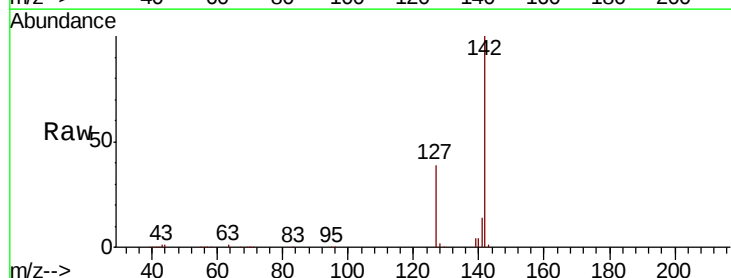
Tgt Ion:142 Resp: 121669

Ion Ratio Lower Upper

142 100

127 41.6 33.9 50.9

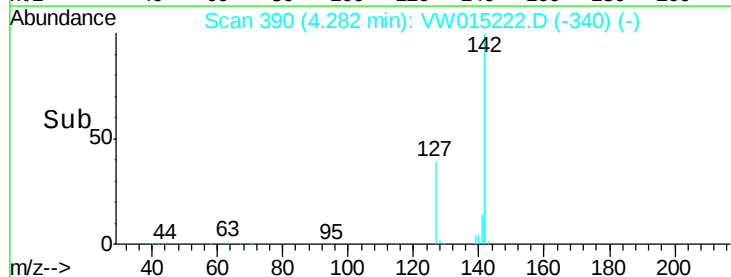
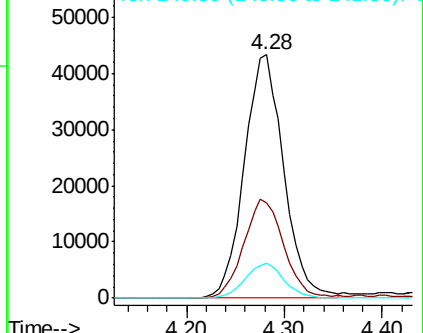
141 14.1 11.4 17.2

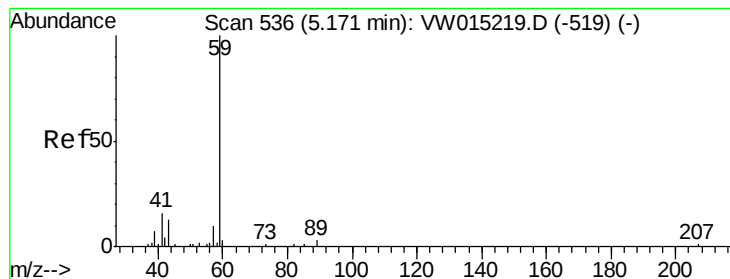


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



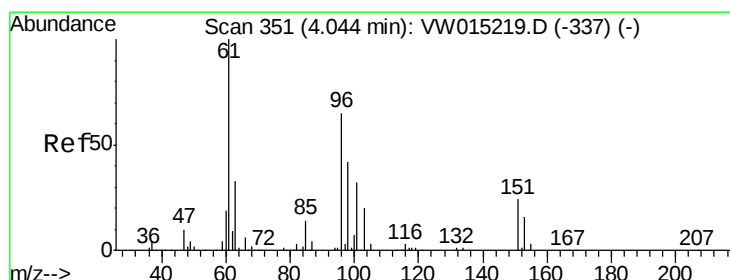
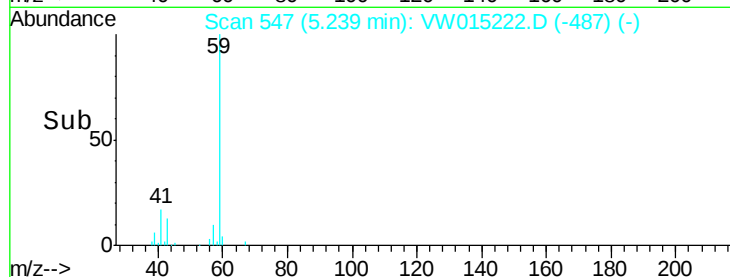
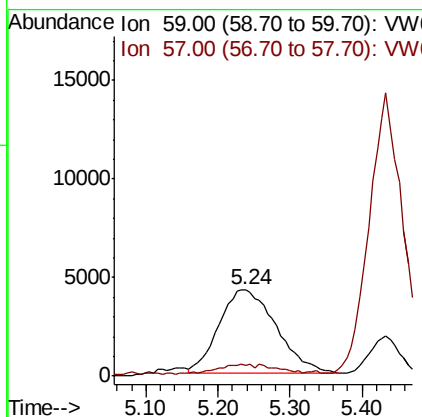
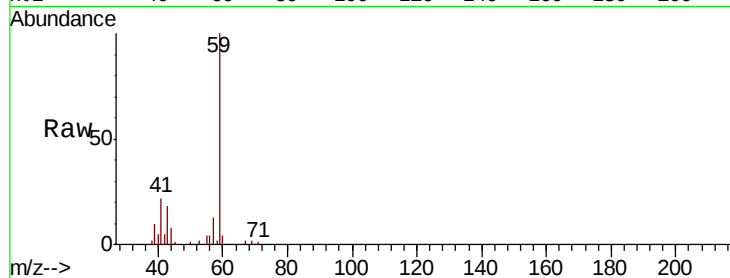


#11

Tert butyl alcohol
 Concen: 139.359 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. 0.07 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW042020

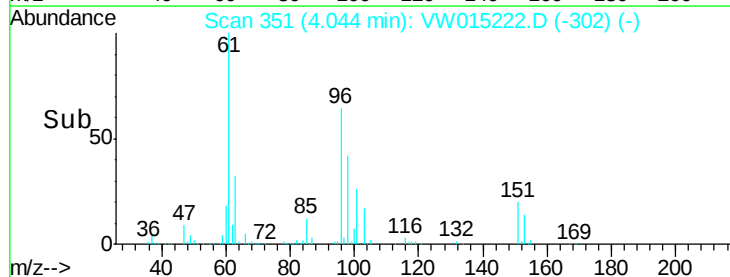
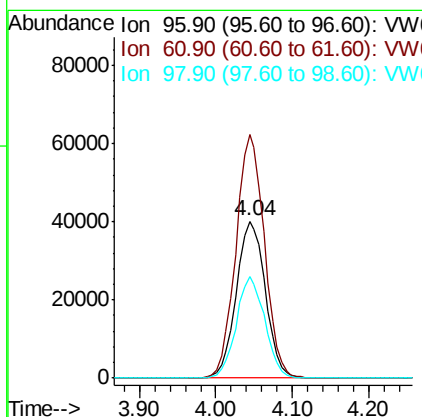
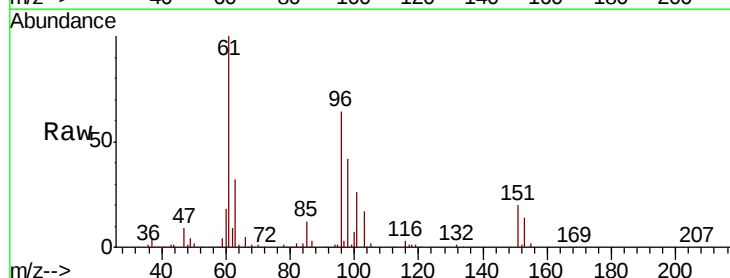
Tot Ion: 59 Resp: 23499
 Ion Ratio Lower Upper
 59 100
 57 7.4 8.4 12.6#

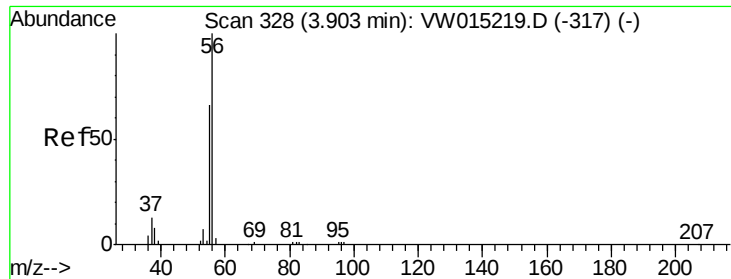


#12

1,1-Dichloroethene
 Concen: 49.031 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion: 96 Resp: 105789
 Ion Ratio Lower Upper
 96 100
 61 155.1 127.0 190.4
 98 64.5 51.0 76.4





#13

Acrolein

Concen: 220.868 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

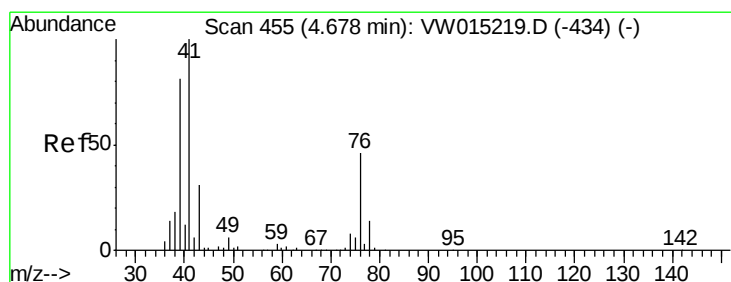
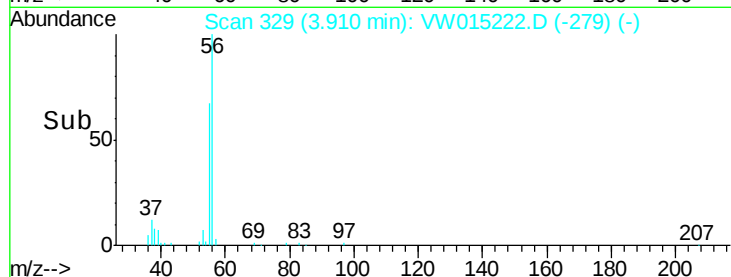
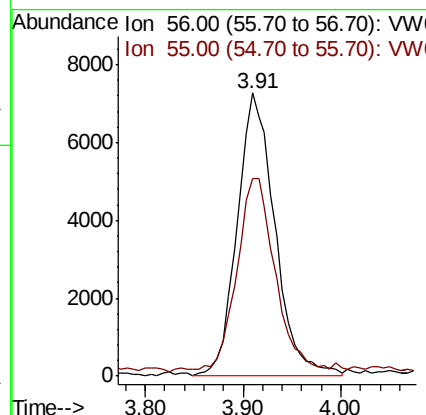
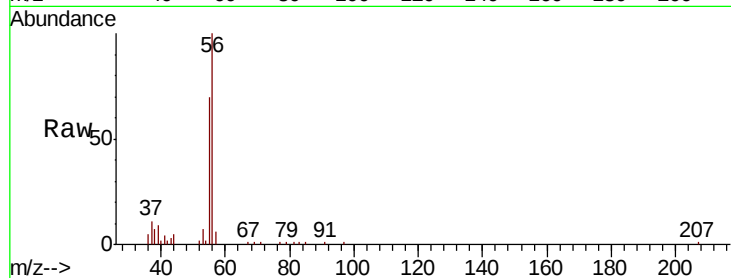
ICVW042020

Tot Ion: 56 Resp: 19493

Ion Ratio Lower Upper

56 100

55 66.9 56.2 84.2



#14

Allyl chloride

Concen: 47.980 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

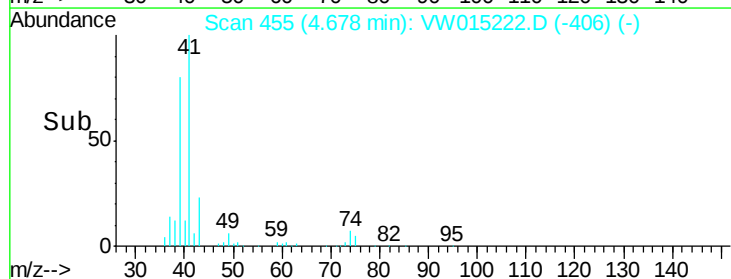
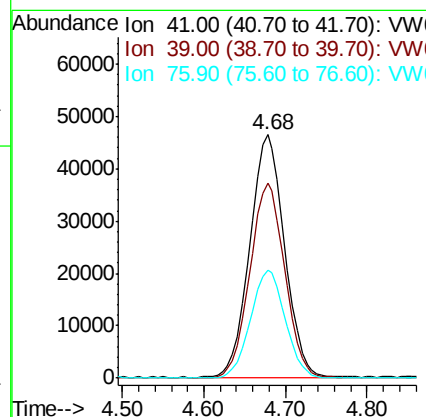
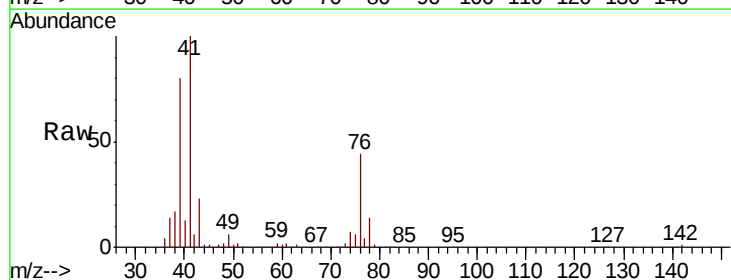
Tgt Ion: 41 Resp: 137333

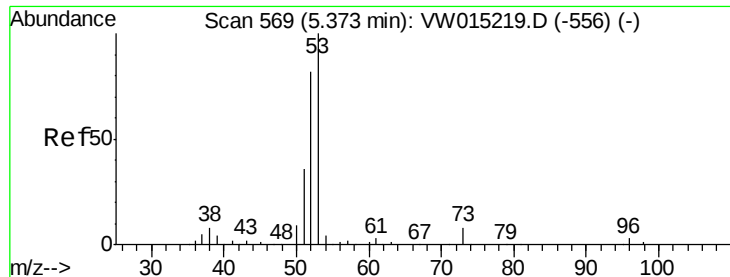
Ion Ratio Lower Upper

41 100

39 80.2 54.0 81.0

76 44.5 31.8 47.6





#15

Acrylonitrile

Concen: 214.112 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

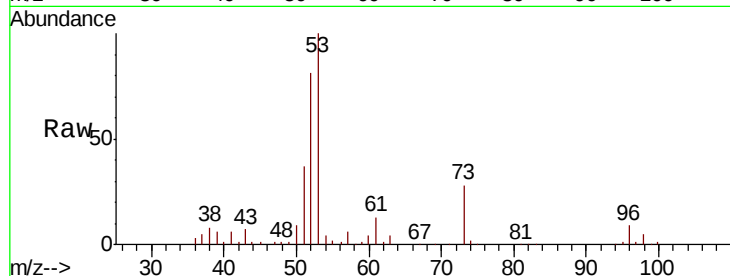
MSVOA_W

ClientSampleId :

ICVW042020

Tot Ion: 53 Resp: 83135

Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.2	97.8
51	37.7	28.2	42.4

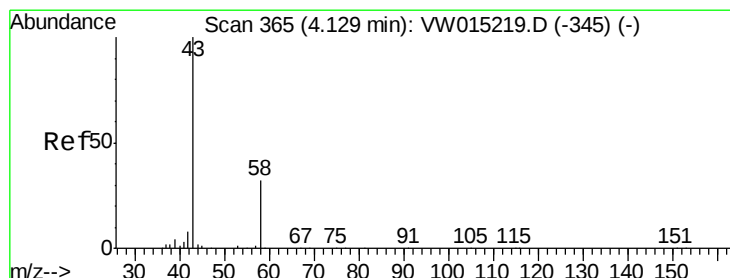
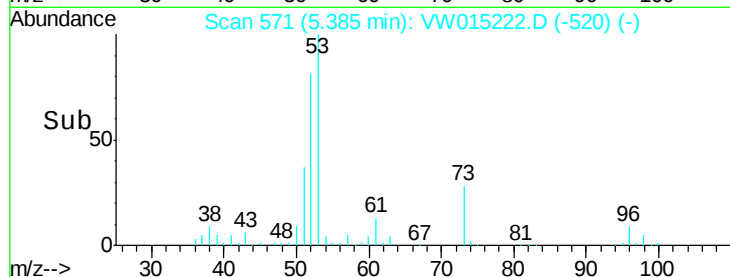
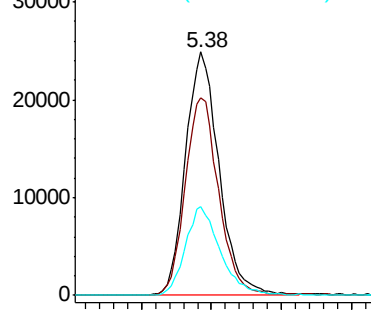


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 193.842 ug/l

RT: 4.16 min Scan# 370

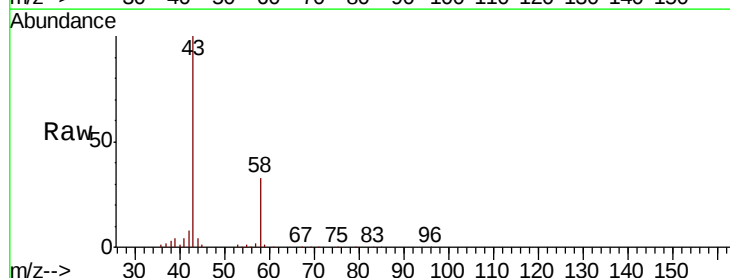
Delta R.T. 0.03 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Tgt Ion: 43 Resp: 70035

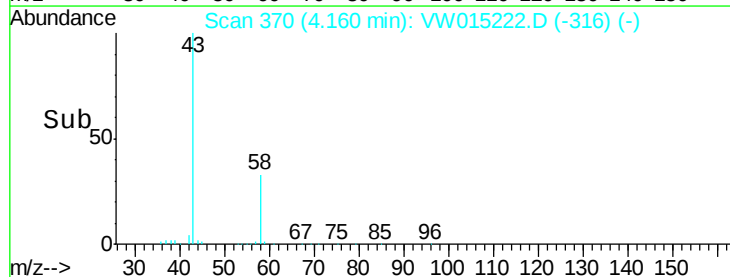
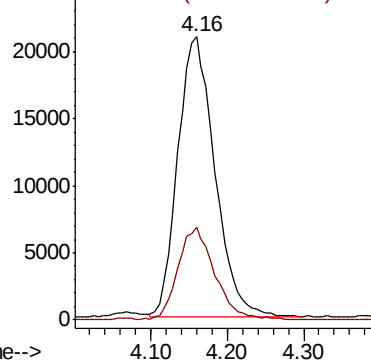
Ion	Ratio	Lower	Upper
43	100		
58	32.8	27.0	40.4

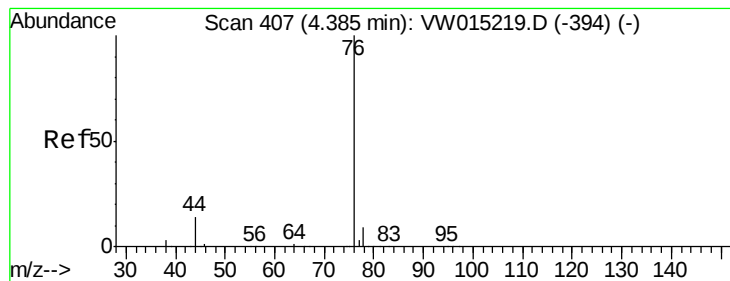


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 49.082 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

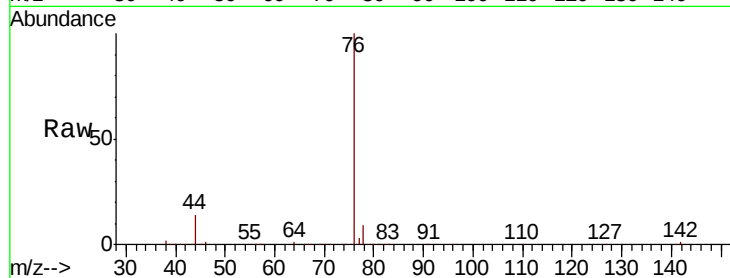
ICVW042020

Tot Ion: 76 Resp: 314701

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

120000

100000

80000

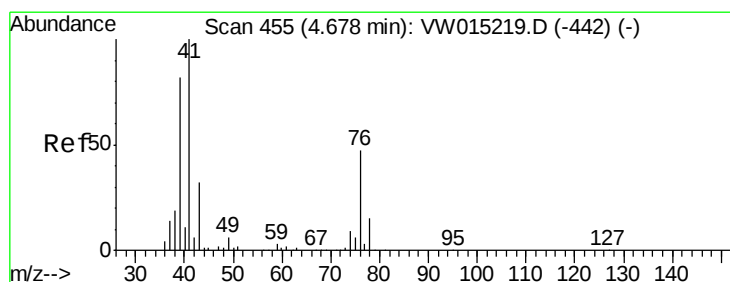
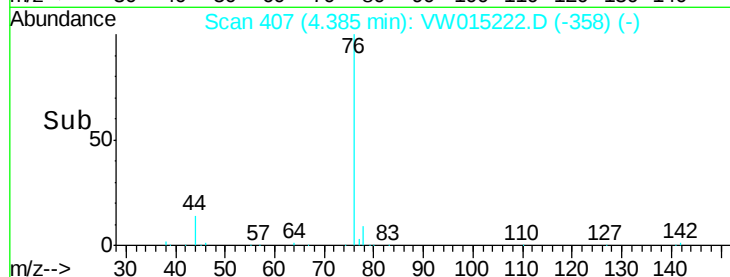
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 40.496 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW015222.D

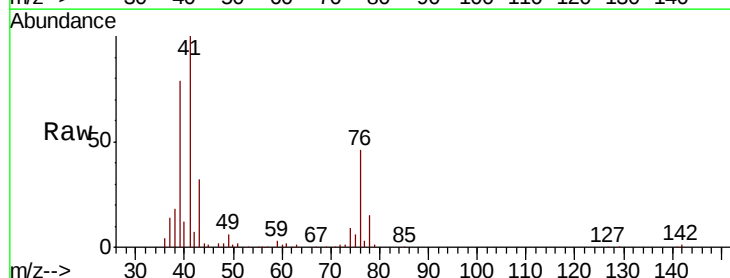
Acq: 20 Apr 2020 14:33

Tgt Ion: 43 Resp: 38729

Ion Ratio Lower Upper

43 100

74 29.2 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

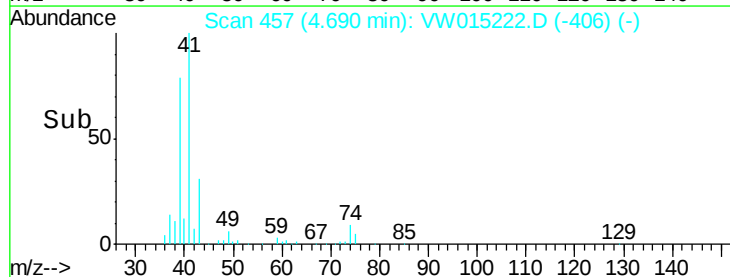
4.69

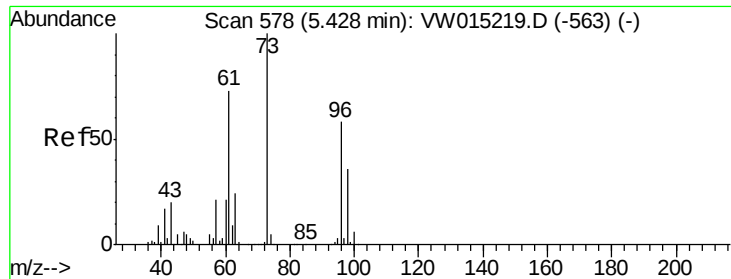
10000

5000

0

Time-->

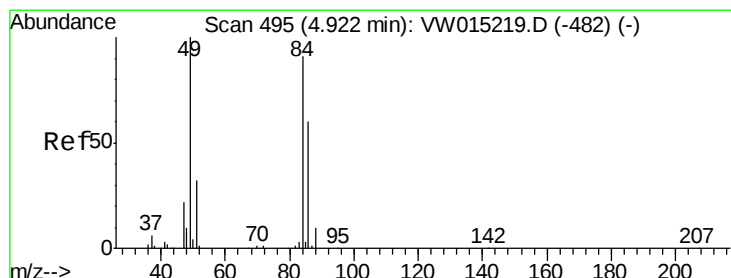
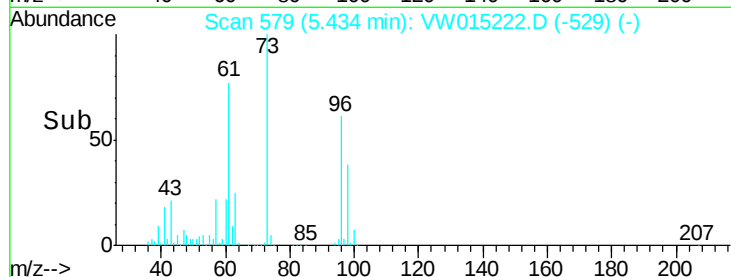
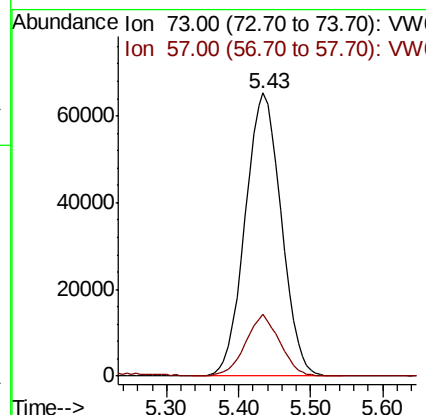
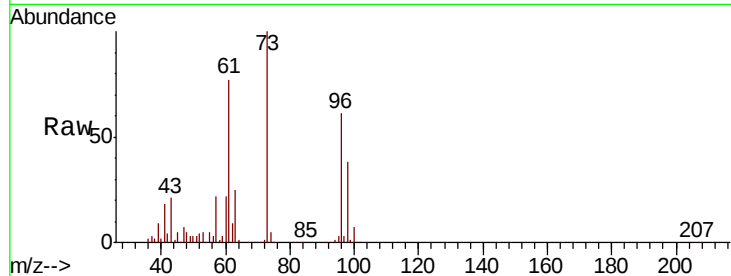




#19
Methyl tert-butyl Ether
Concen: 45.966 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

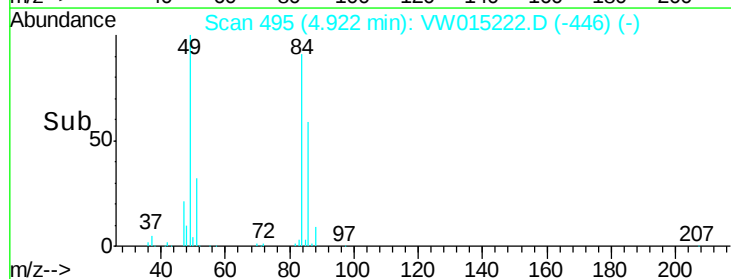
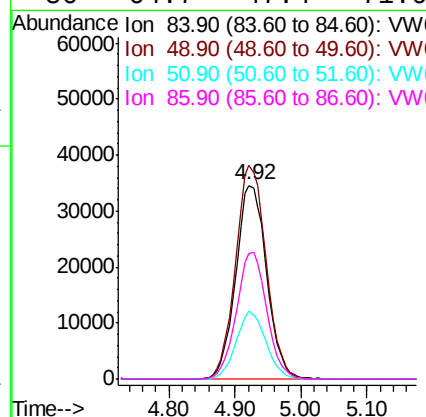
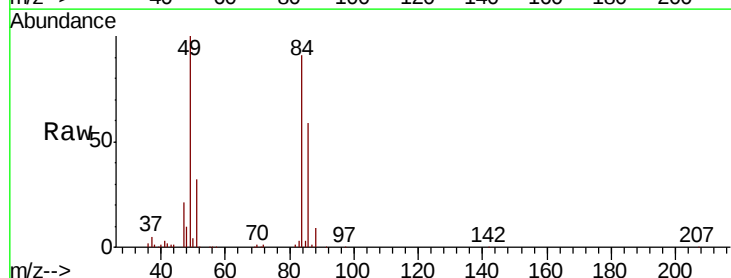
Instrument :
MSVOA_W
ClientSampleId :
ICVW042020

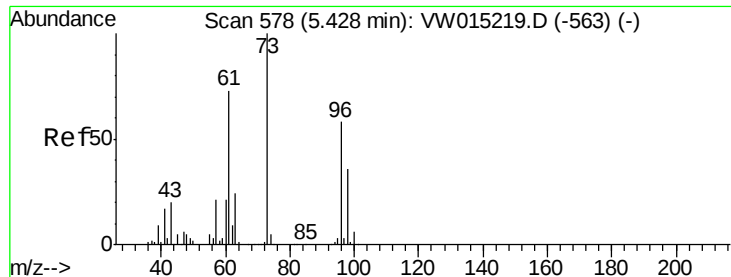
Tot Ion: 73 Resp: 227668
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.6



#20
Methylene Chloride
Concen: 47.190 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion: 84 Resp: 111740
Ion Ratio Lower Upper
84 100
49 110.2 95.4 143.0
51 35.1 29.8 44.8
86 64.7 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 48.448 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

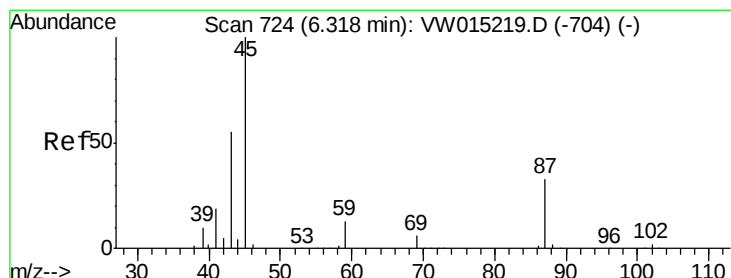
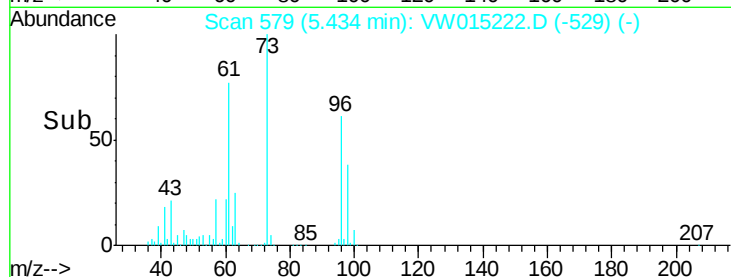
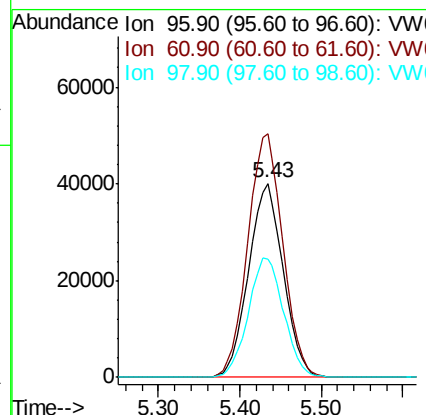
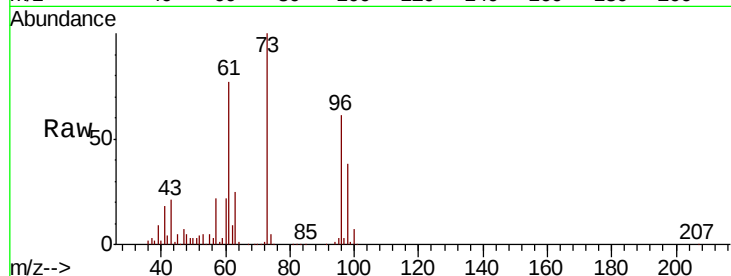
Tot Ion: 96 Resp: 118552

Ion Ratio Lower Upper

96 100

61 125.6 107.8 161.6

98 61.2 50.2 75.2



#22

Diisopropyl ether

Concen: 48.169 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Tgt Ion: 45 Resp: 264499

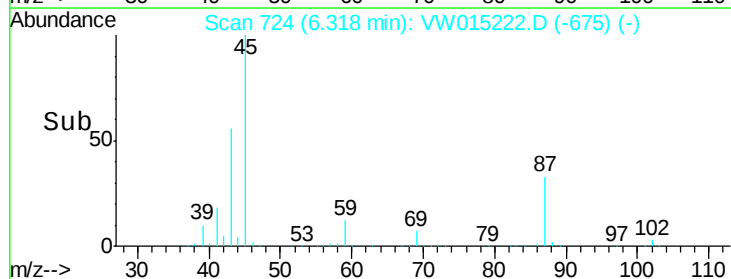
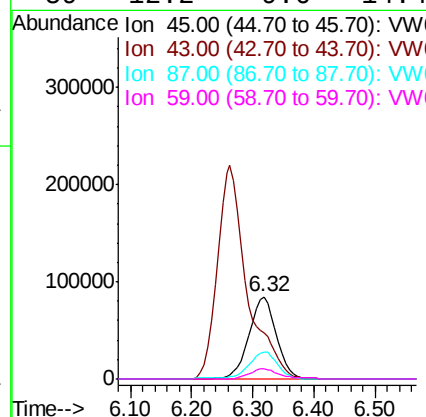
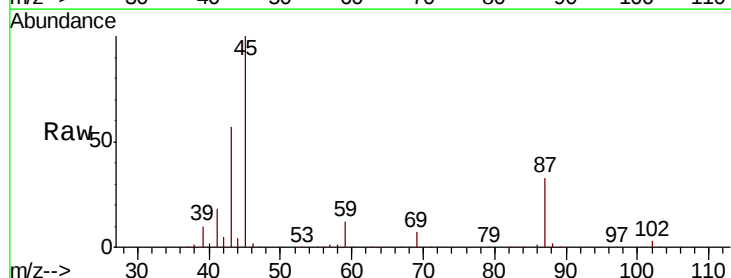
Ion Ratio Lower Upper

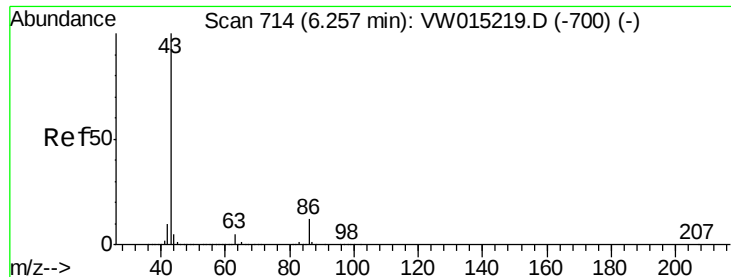
45 100

43 56.0 41.8 62.6

87 33.1 23.2 34.8

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 232.085 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

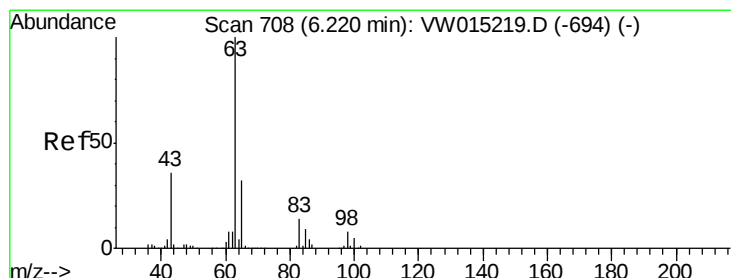
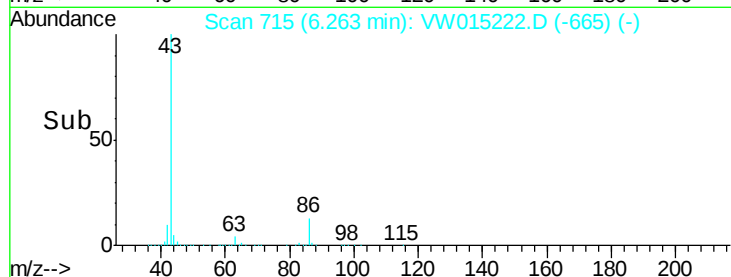
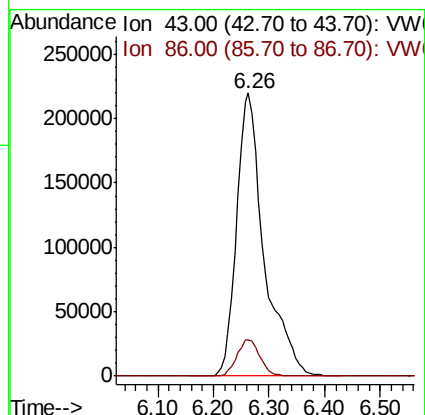
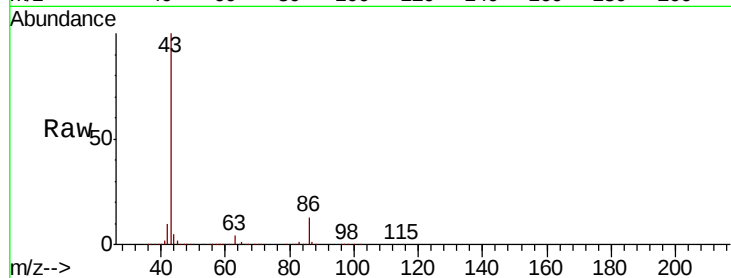
ICVW042020

Tot Ion: 43 Resp: 747842

Ion Ratio Lower Upper

43 100

86 12.9 9.1 13.7



#24

1,1-Dichloroethane

Concen: 48.526 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

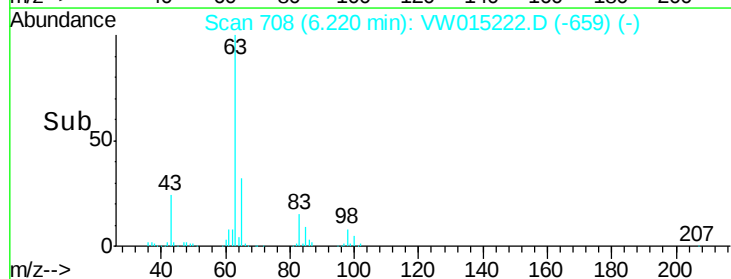
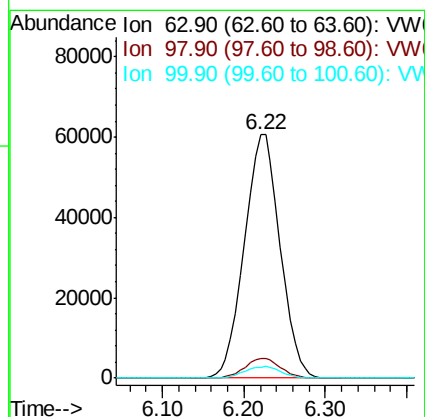
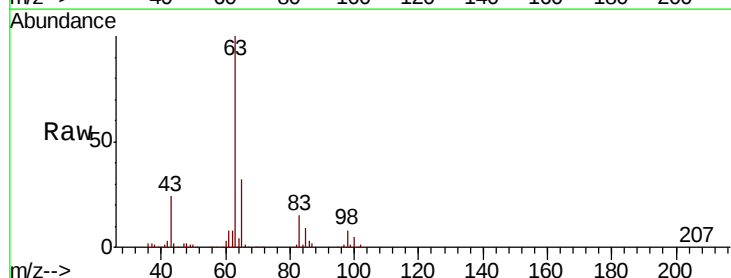
Tgt Ion: 63 Resp: 184670

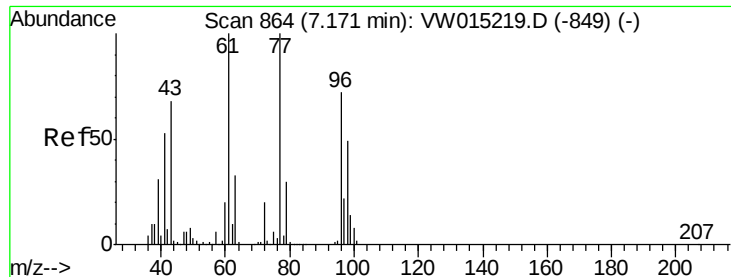
Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 200.264 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

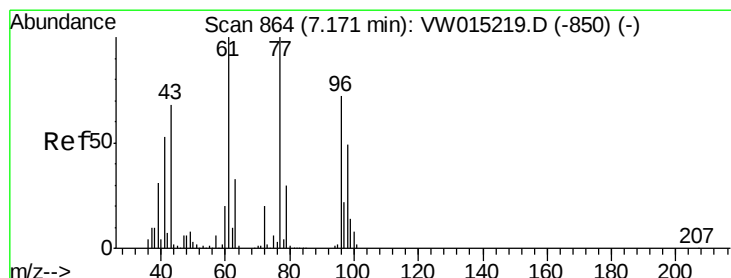
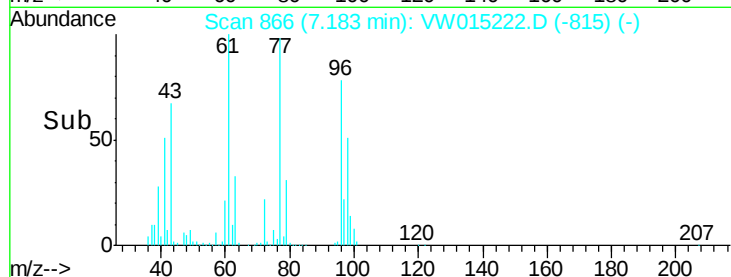
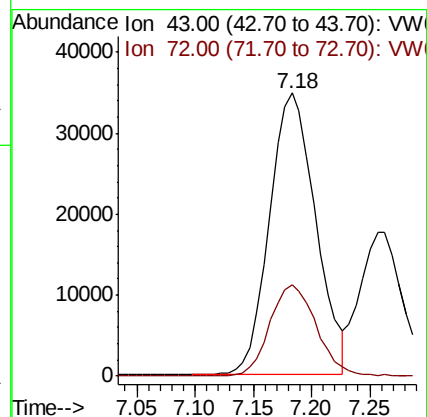
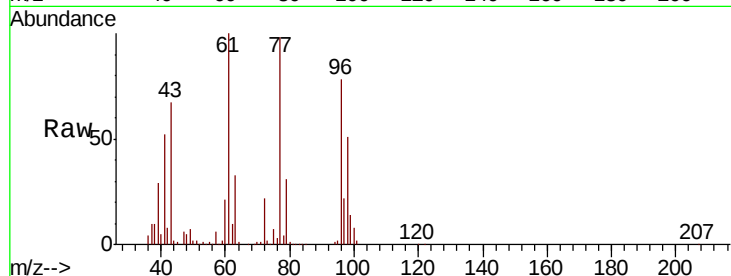
ICVW042020

Tot Ion: 43 Resp: 95996

Ion Ratio Lower Upper

43 100

72 32.6 21.6 32.4#



#26

2,2-Dichloropropane

Concen: 47.320 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015222.D

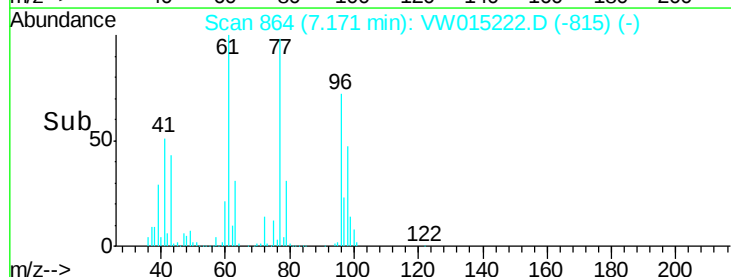
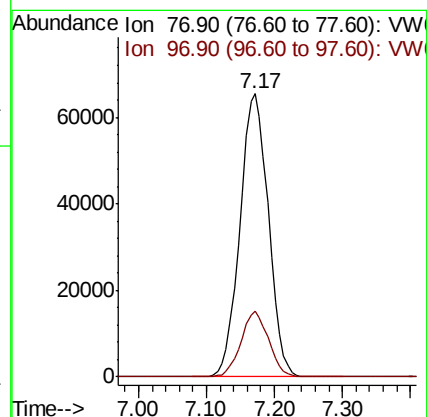
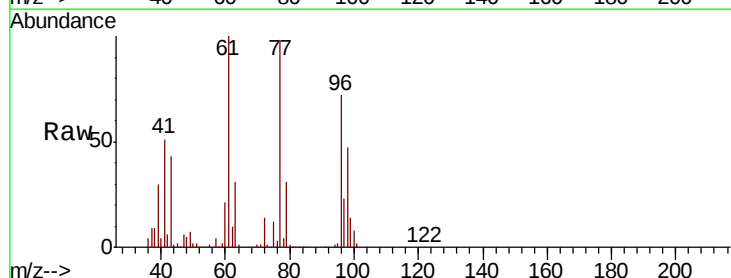
Acq: 20 Apr 2020 14:33

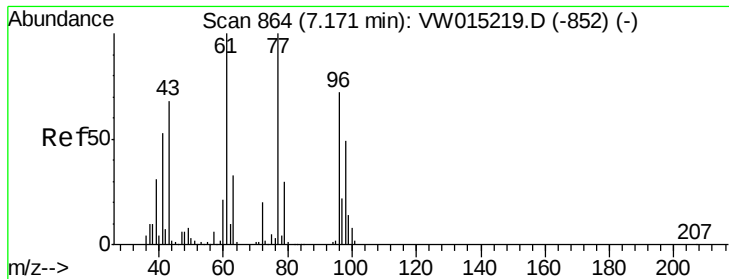
Tgt Ion: 77 Resp: 189452

Ion Ratio Lower Upper

77 100

97 22.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.659 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

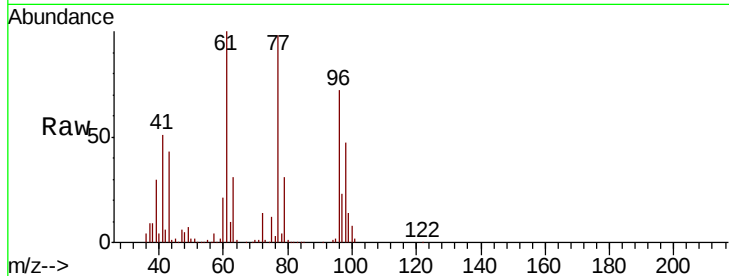
Tot Ion: 96 Resp: 128545

Ion Ratio Lower Upper

96 100

61 134.5 0.0 275.0

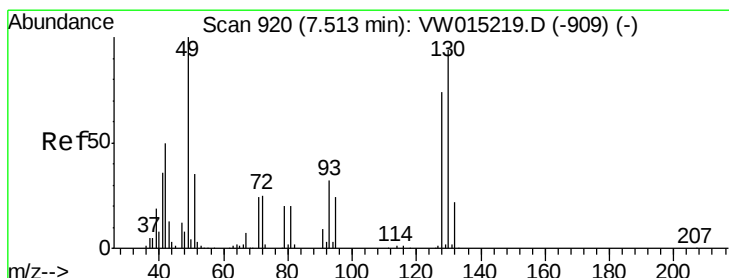
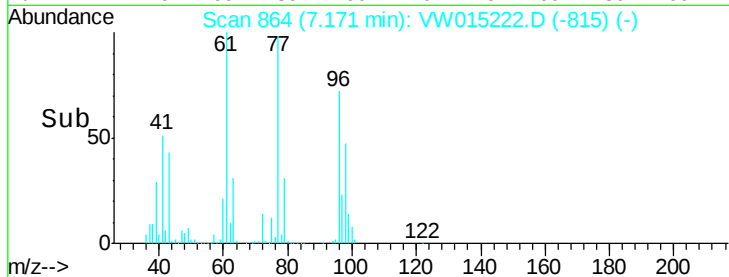
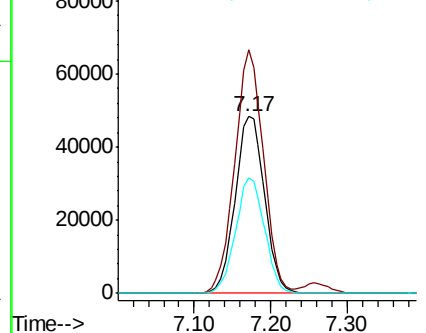
98 64.6 0.0 130.8



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



#28

Bromochloromethane

Concen: 47.705 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

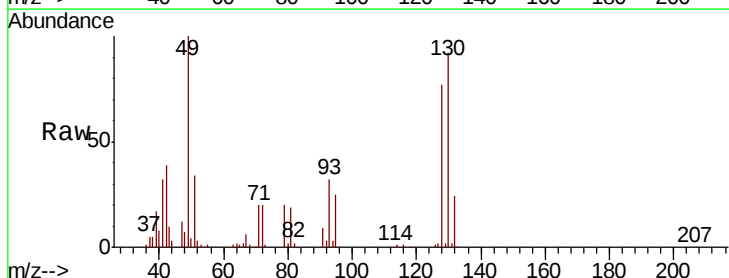
Tgt Ion: 49 Resp: 66006

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

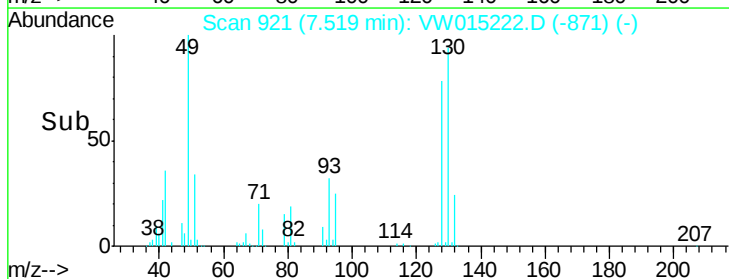
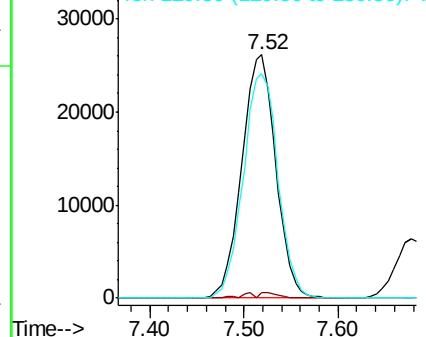
130 94.6 60.9 91.3#

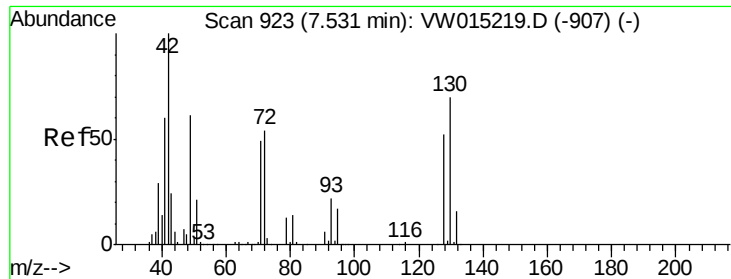


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

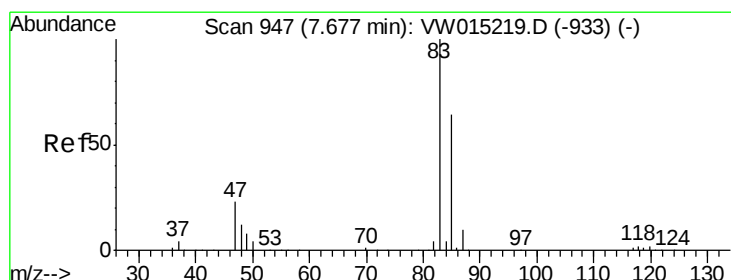
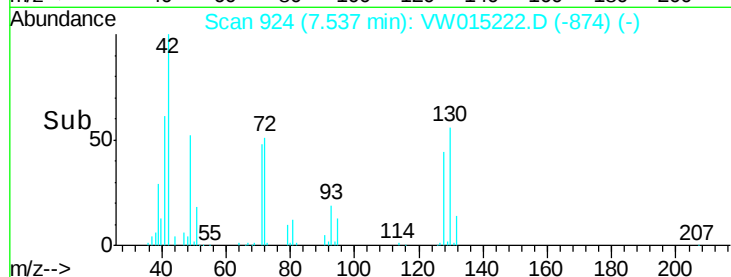
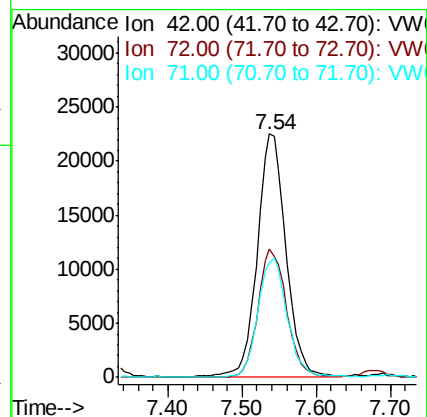
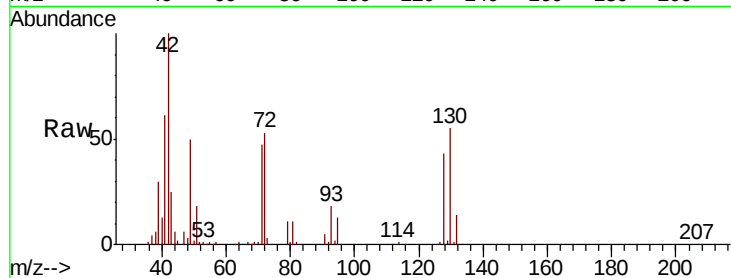




#29
Tetrahydrofuran
Concen: 202.436 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

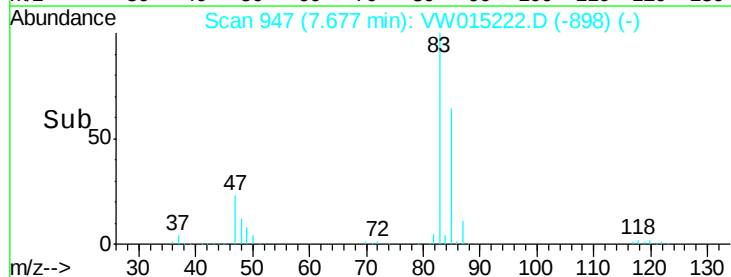
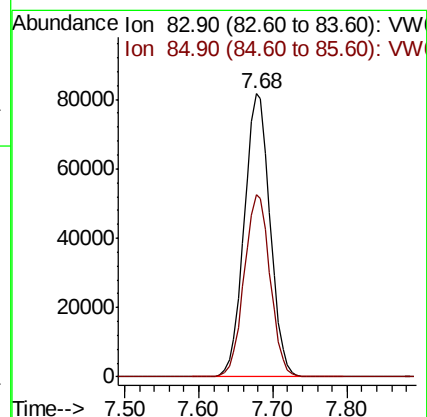
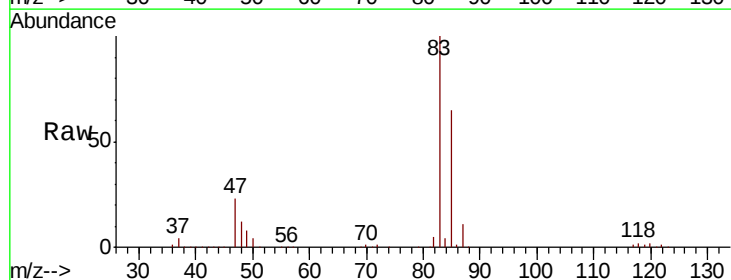
Instrument :
MSVOA_W
ClientSampleId :
ICVW042020

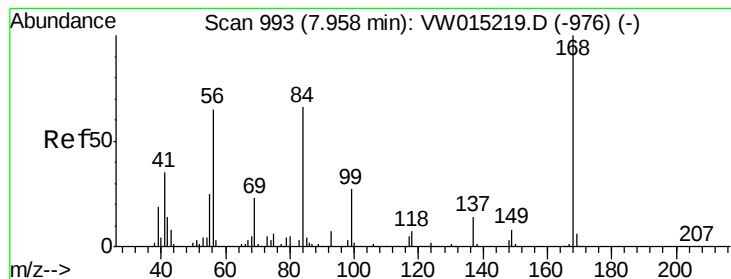
Tot Ion: 42 Resp: 60456
Ion Ratio Lower Upper
42 100
72 52.7 36.2 54.2
71 49.6 34.2 51.4



#30
Chloroform
Concen: 48.478 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion: 83 Resp: 199112
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3





#31

Cyclohexane

Concen: 45.989 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

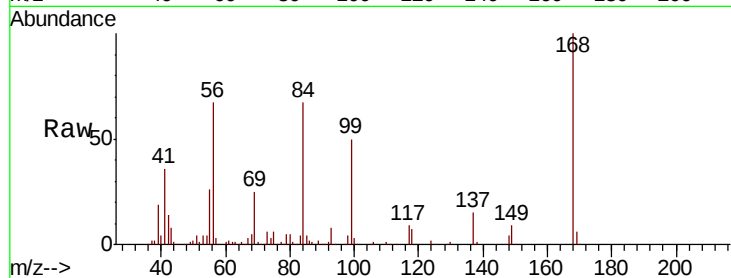
Tot Ion: 56 Resp: 175924

Ion Ratio Lower Upper

56 100

69 38.1 27.1 40.7

84 98.5 71.9 107.9

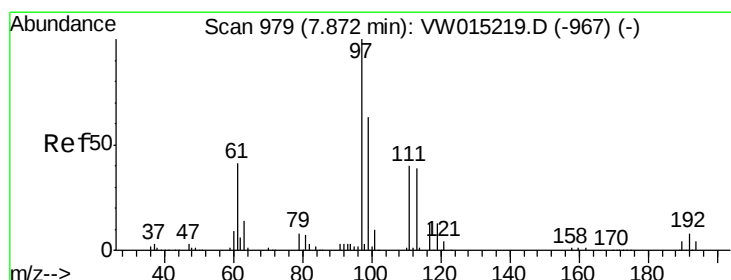
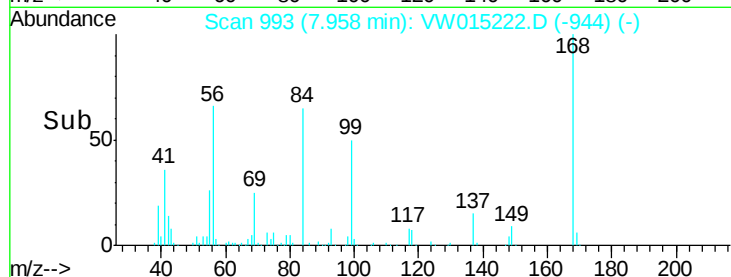
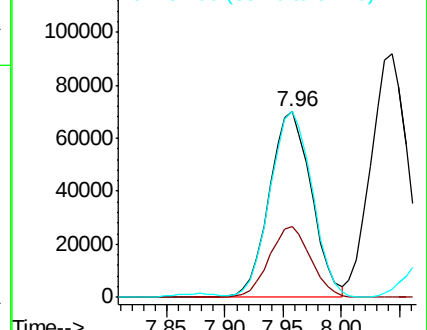


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 48.240 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

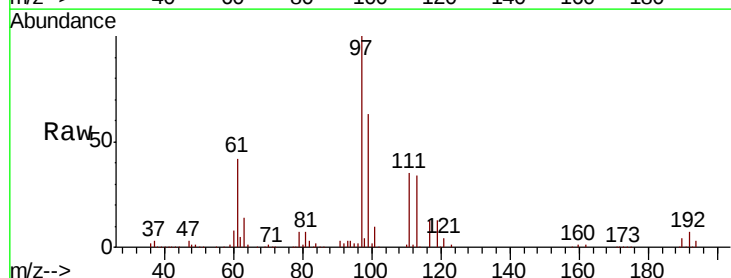
Tgt Ion: 97 Resp: 191227

Ion Ratio Lower Upper

97 100

99 65.1 52.2 78.2

61 41.9 34.2 51.2

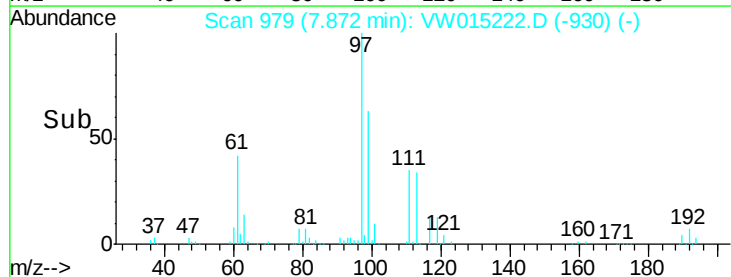
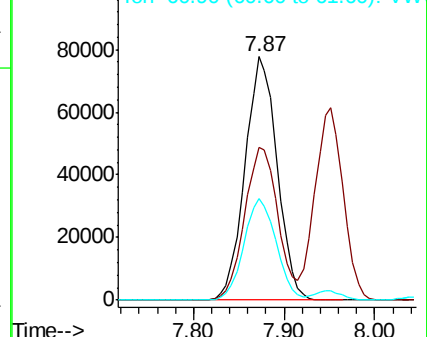


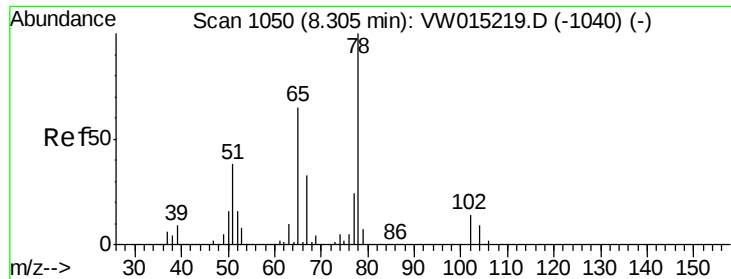
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

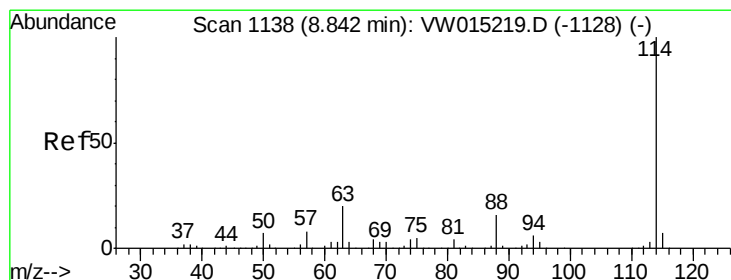
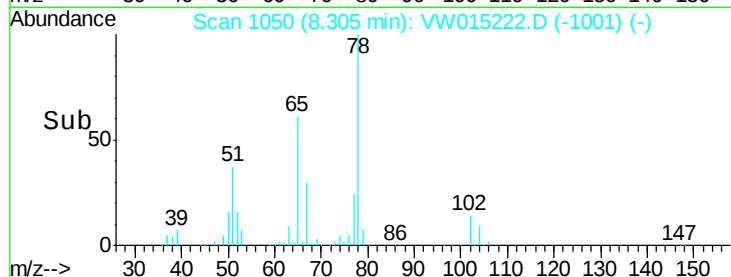
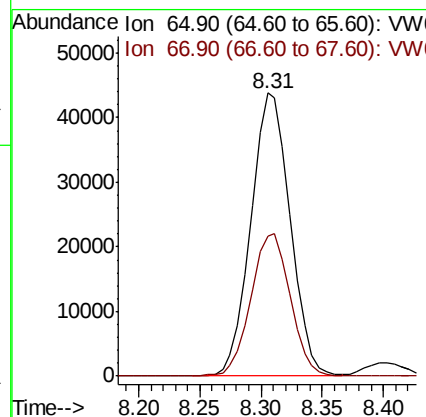
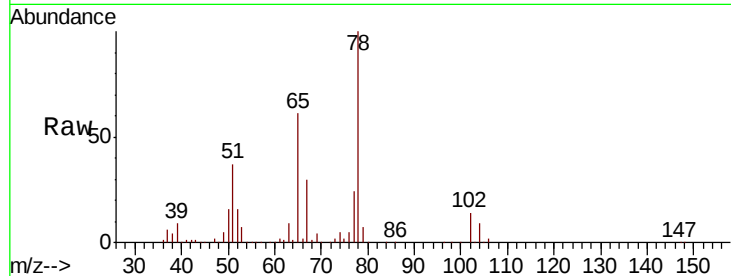




#33
 1,2-Dichloroethane-d4
 Concen: 47.381 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

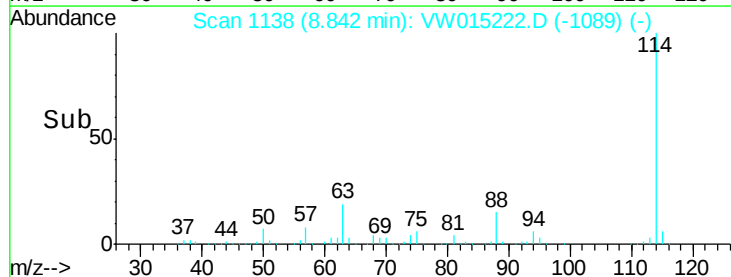
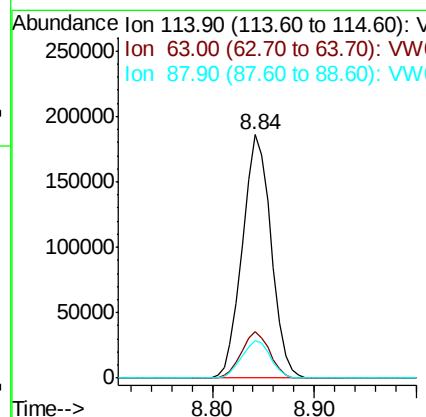
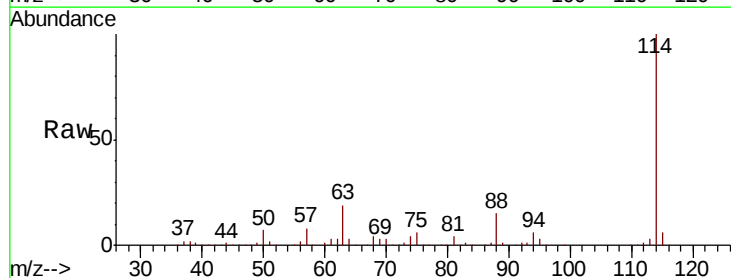
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW042020

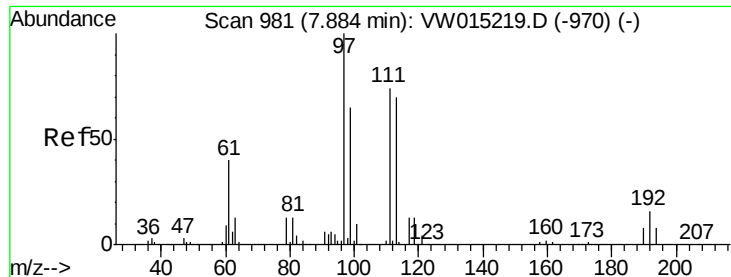
Tot Ion: 65 Resp: 98010
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion: 114 Resp: 363220
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.8
 88 15.3 0.0 30.2

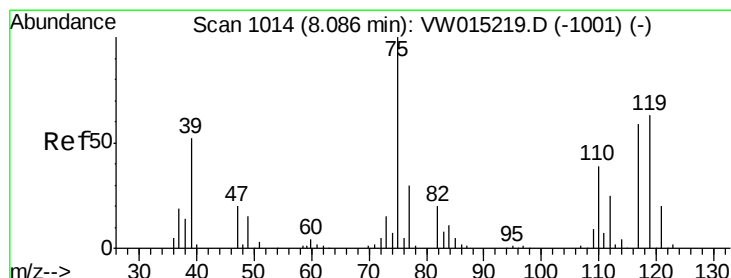
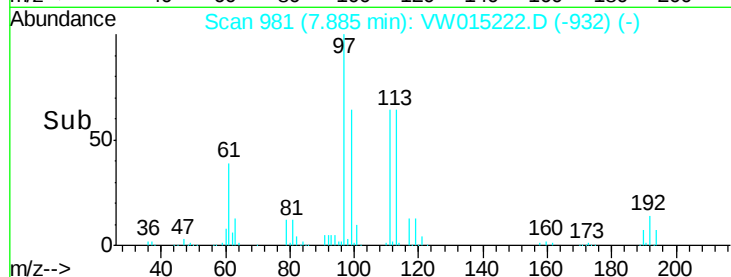
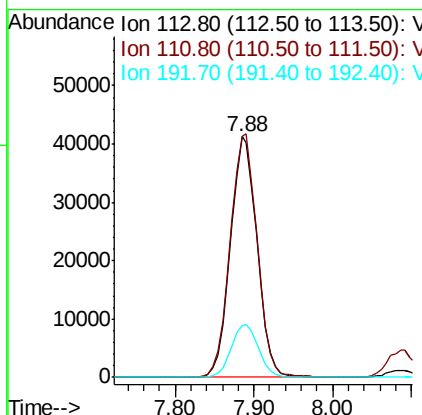
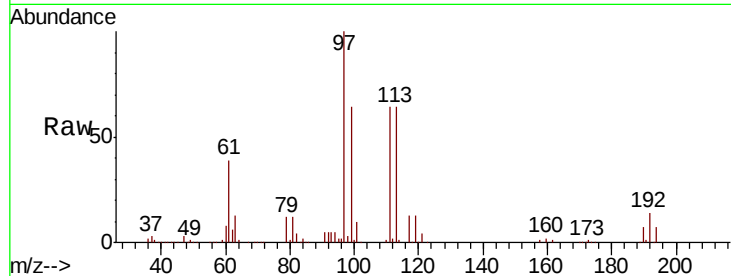




#35
 Dibromofluoromethane
 Concen: 48.085 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

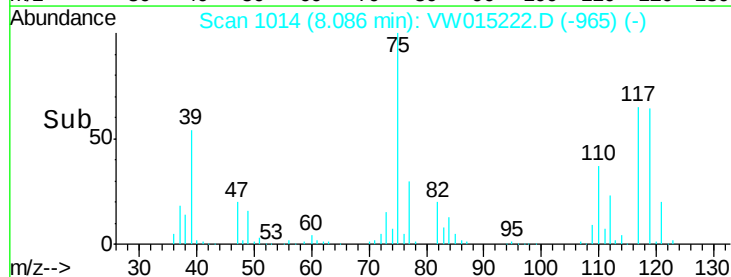
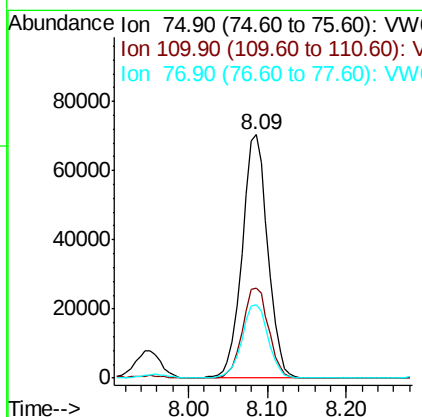
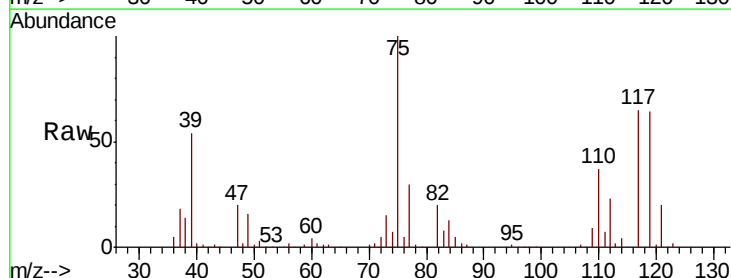
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW042020

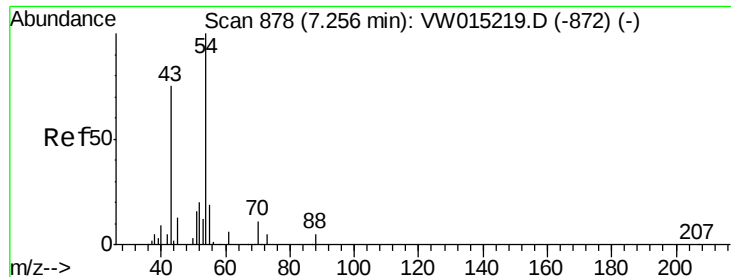
Tot Ion:113 Resp: 96744
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.4
 192 22.3 15.1 22.7



#36
 1,1-Dichloropropene
 Concen: 48.383 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion: 75 Resp: 158615
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.2 54.6
 77 31.1 24.5 36.7

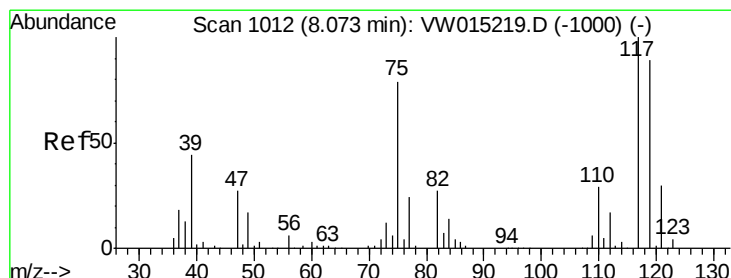
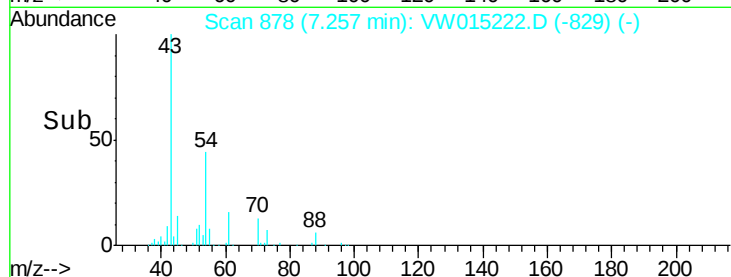
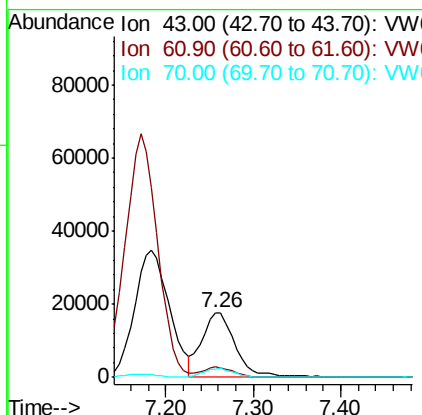
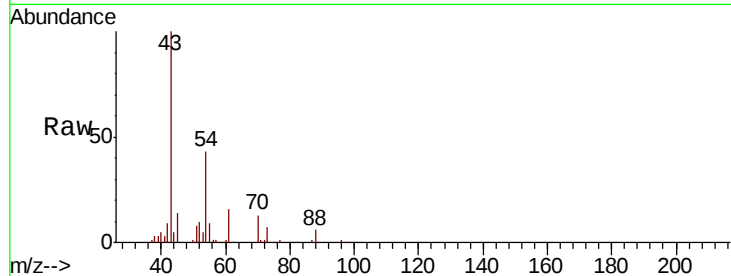




#37
Ethyl Acetate
Concen: 43.286 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

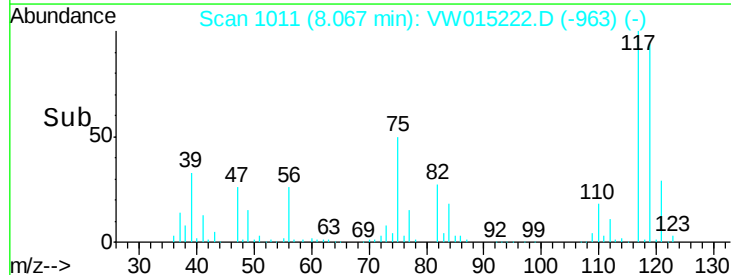
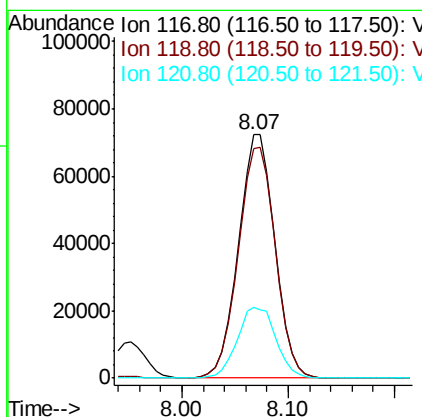
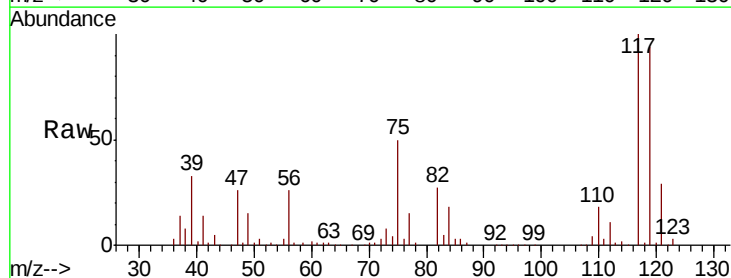
Instrument :
MSVOA_W
ClientSampleId :
ICVW042020

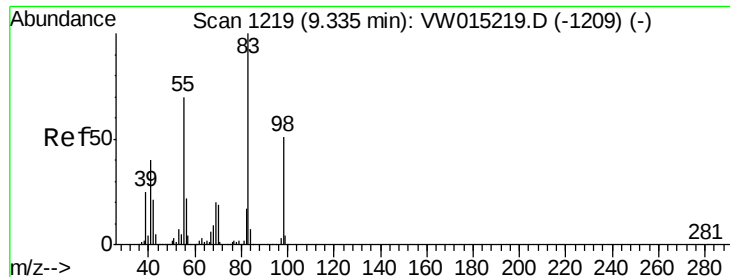
Tot Ion: 43 Resp: 46054
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 13.5 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 48.480 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion: 117 Resp: 173682
Ion Ratio Lower Upper
117 100
119 94.3 72.3 108.5
121 28.9 23.7 35.5

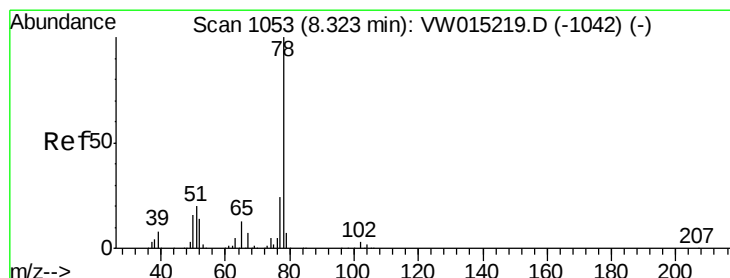
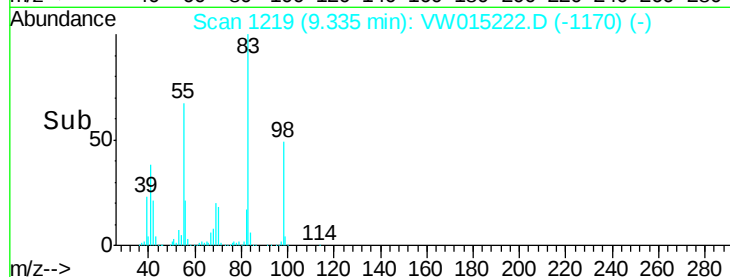
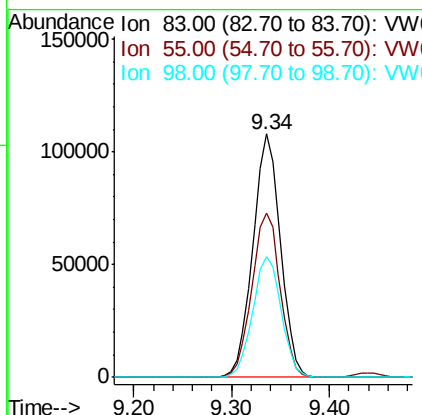
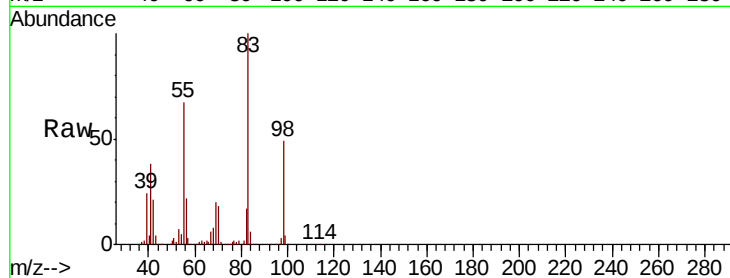




#39
Methvlcvclohexane
Concen: 48.356 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

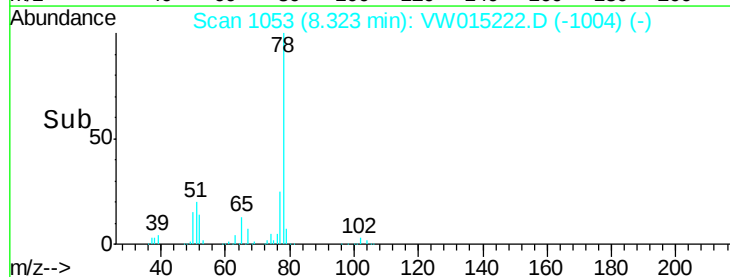
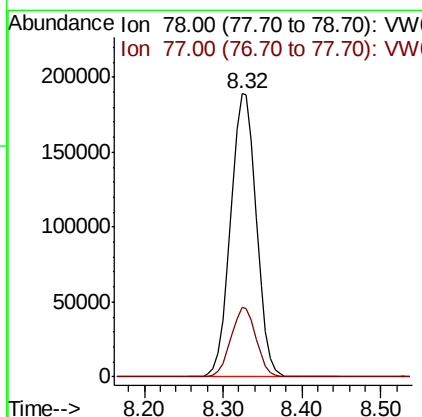
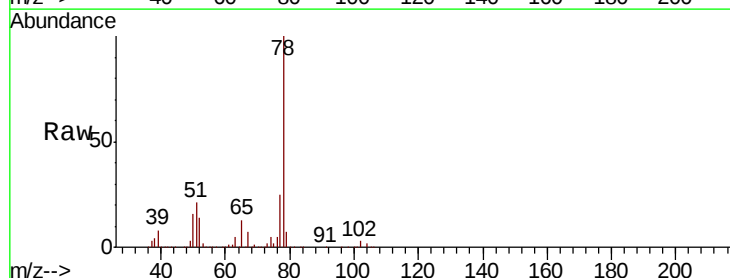
Instrument :
MSVOA_W
ClientSampleId :
ICVW042020

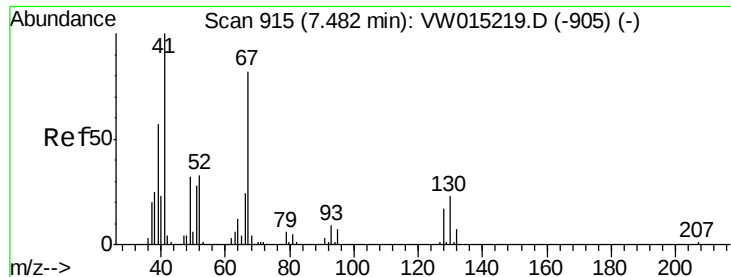
Tot Ion: 83 Resp: 210995
Ion Ratio Lower Upper
83 100
55 67.1 58.1 87.1
98 49.5 40.2 60.4



#40
Benzene
Concen: 48.855 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion: 78 Resp: 427829
Ion Ratio Lower Upper
78 100
77 24.8 18.2 27.2

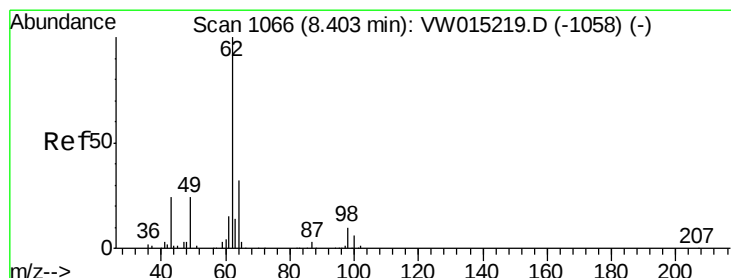
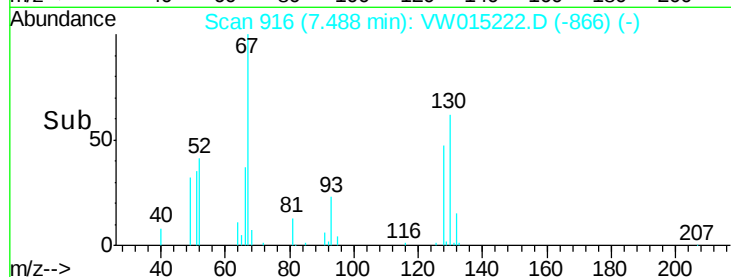
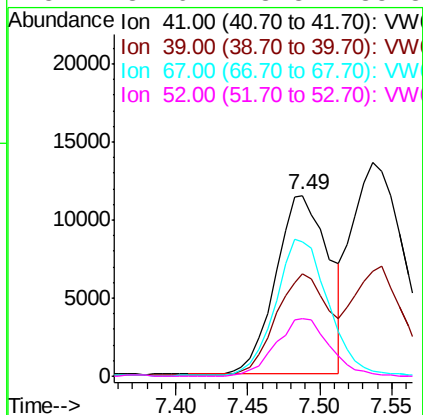
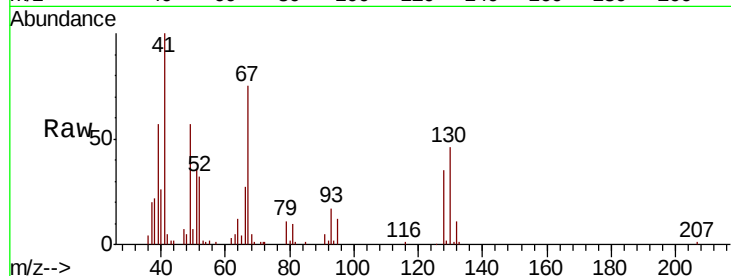




#41
Methacrylonitrile
Concen: 46.213 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

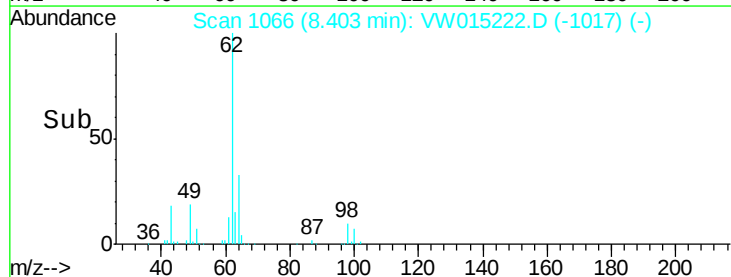
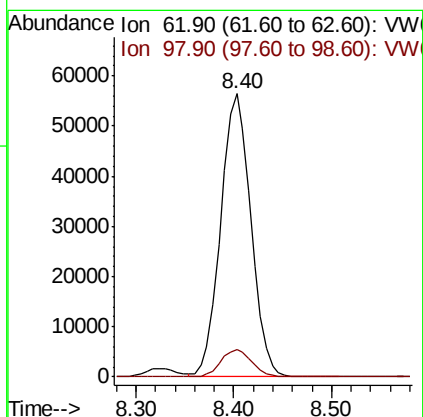
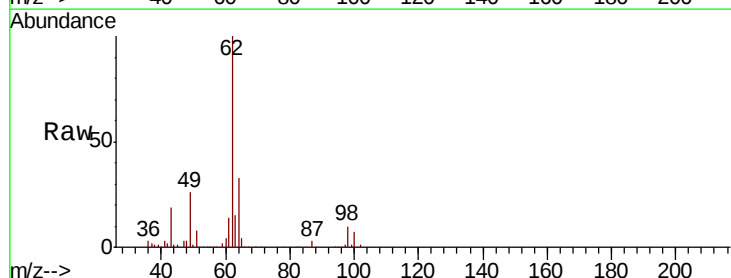
Instrument :
MSVOA_W
ClientSampleId :
ICVW042020

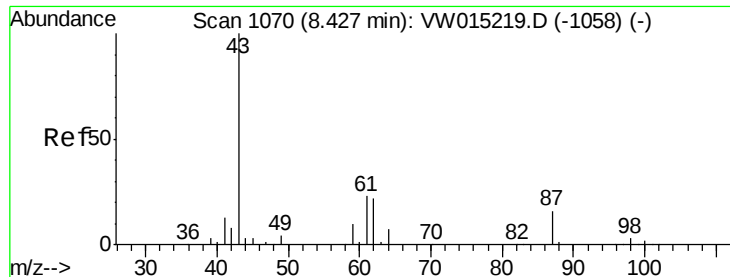
Tot Ion:	41	Resp:	29501
Ion	Ratio	Lower	Upper
41	100		
39	56.0	41.9	62.9
67	74.8	60.6	91.0
52	32.6	23.8	35.8



#42
1,2-Dichloroethane
Concen: 46.852 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion:	62	Resp:	120785
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 43.587 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

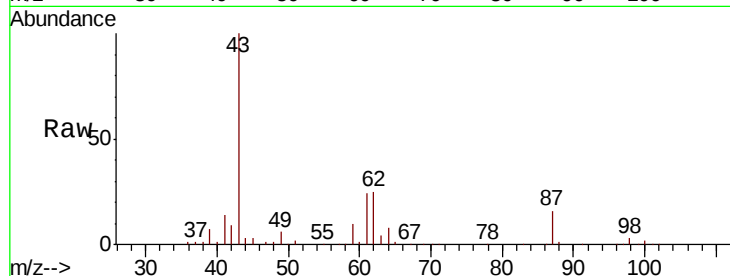
Tot Ion: 43 Resp: 97262

Ion Ratio Lower Upper

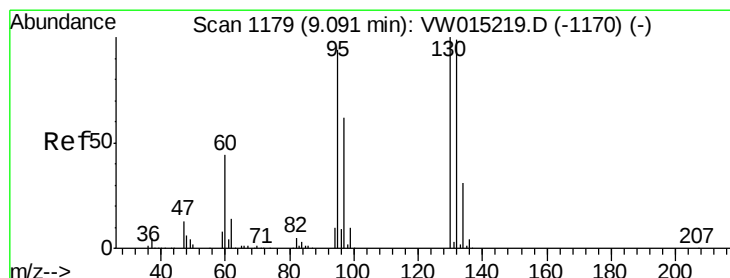
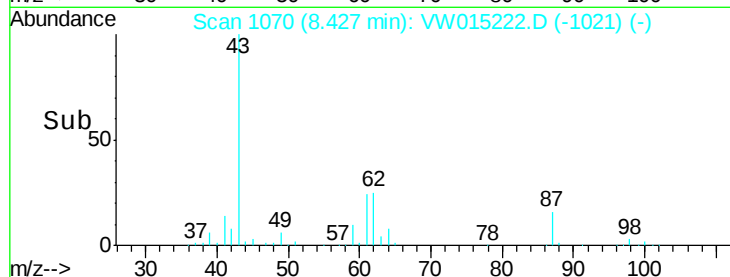
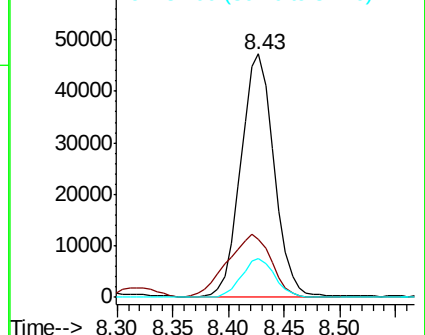
43 100

61 34.6 24.8 37.2

87 16.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.919 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015222.D

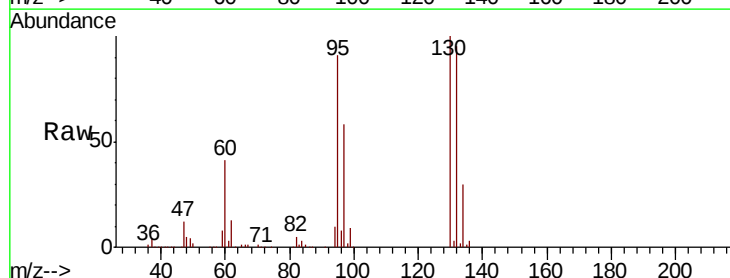
Acq: 20 Apr 2020 14:33

Tgt Ion:130 Resp: 131036

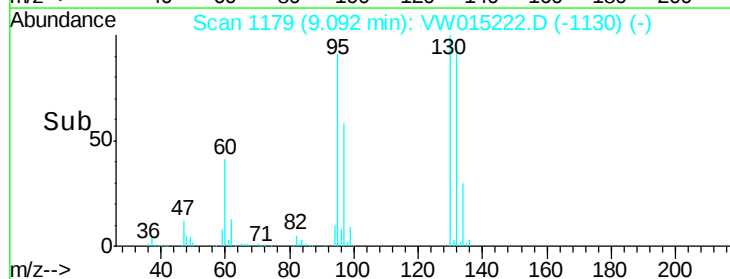
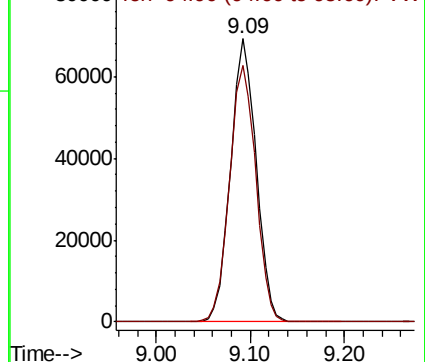
Ion Ratio Lower Upper

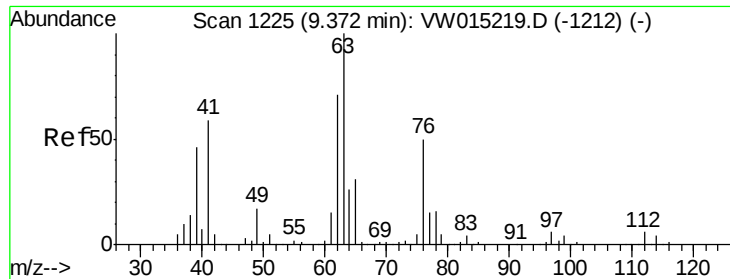
130 100

95 90.7 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 48.090 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

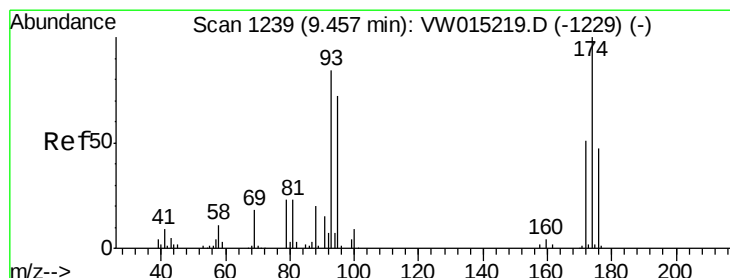
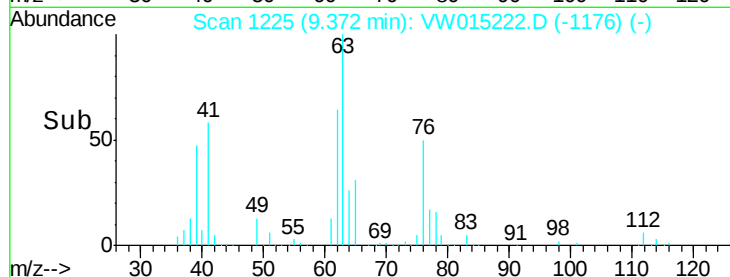
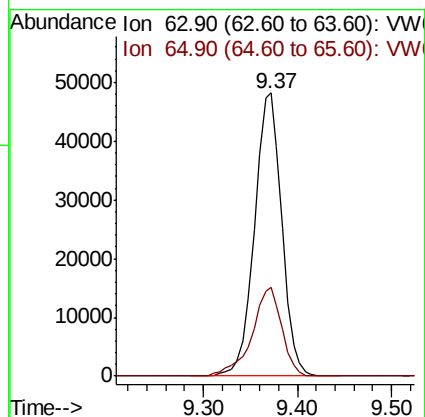
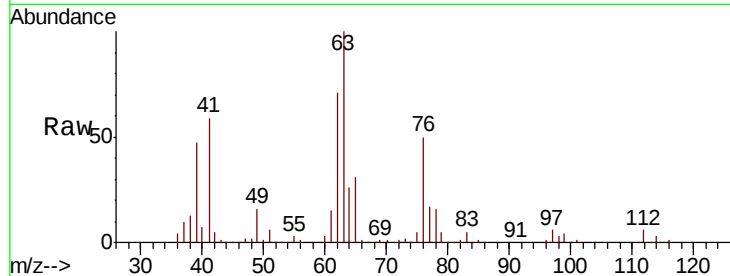
ICVW042020

Tot Ion: 63 Resp: 97935

Ion Ratio Lower Upper

63 100

65 31.3 25.5 38.3



#46

Dibromomethane

Concen: 45.817 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

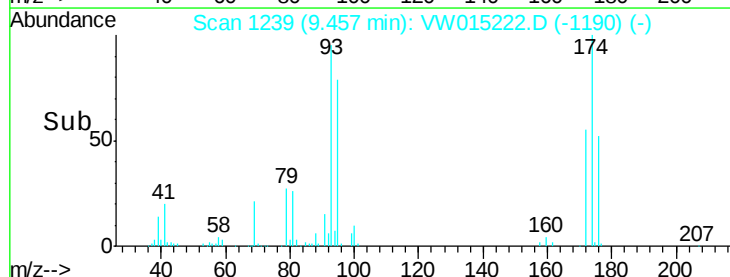
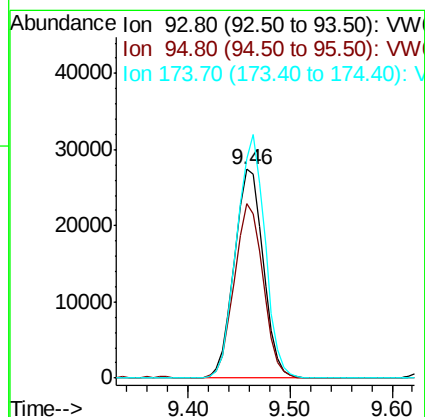
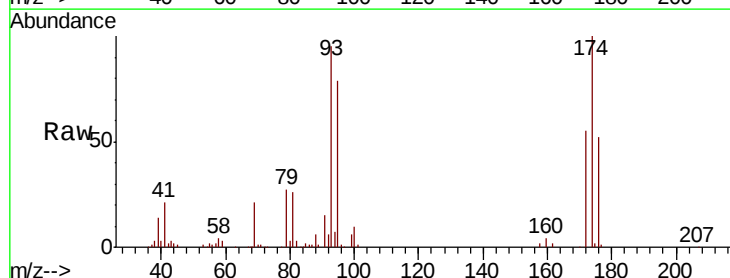
Tgt Ion: 93 Resp: 53973

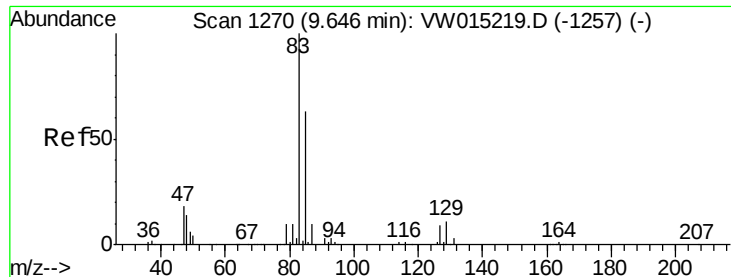
Ion Ratio Lower Upper

93 100

95 83.3 67.5 101.3

174 114.1 74.1 111.1#





#47

Bromodichloromethane

Concen: 47.581 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

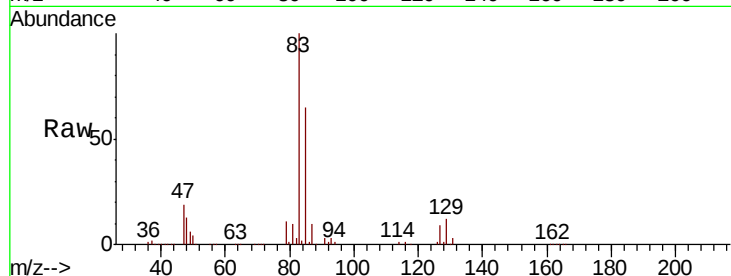
Tot Ion: 83 Resp: 149841

Ion Ratio Lower Upper

83 100

85 64.6 50.6 76.0

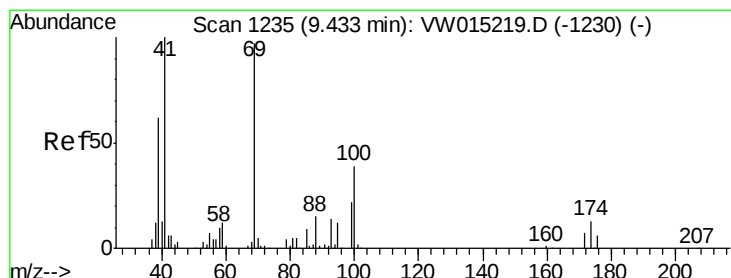
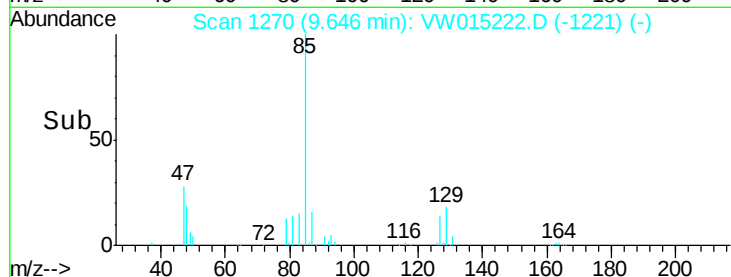
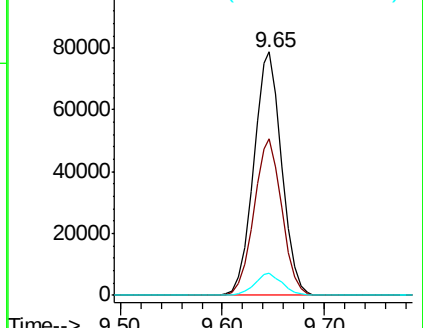
127 9.1 6.7 10.1



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: 45.720 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

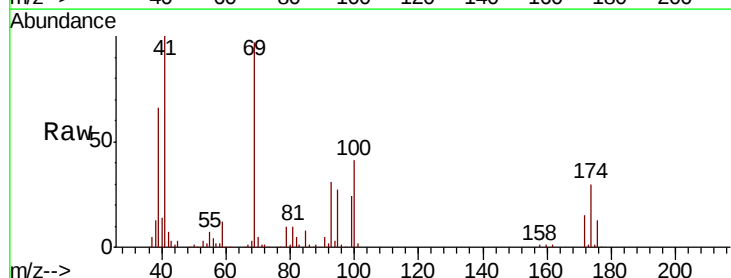
Tgt Ion: 41 Resp: 48229

Ion Ratio Lower Upper

41 100

69 95.0 70.6 105.8

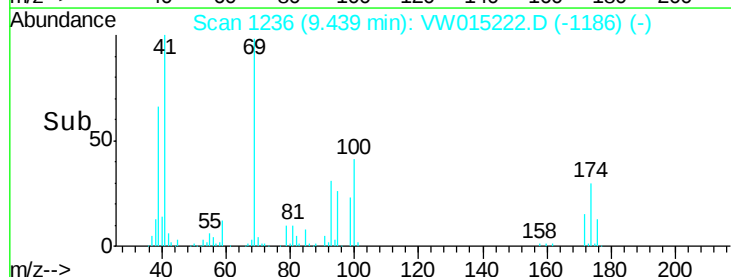
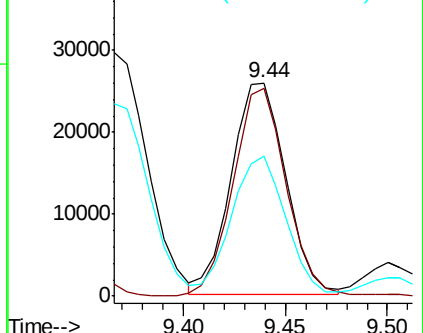
39 61.5 42.6 64.0

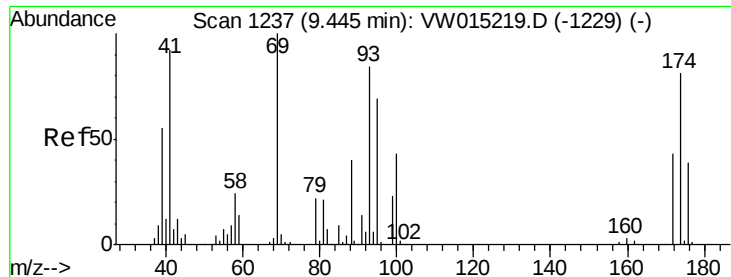


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 823.971 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.04 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

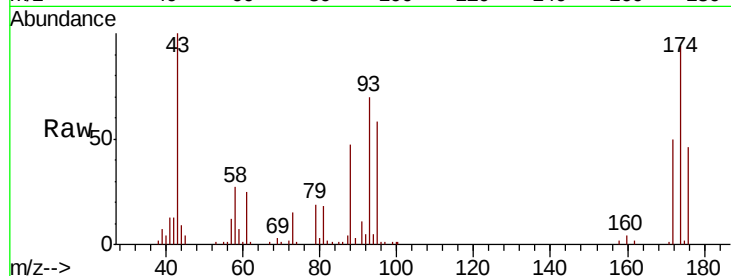
Tot Ion: 88 Resp: 12940

Ion Ratio Lower Upper

88 100

43 539.5 23.5 35.3#

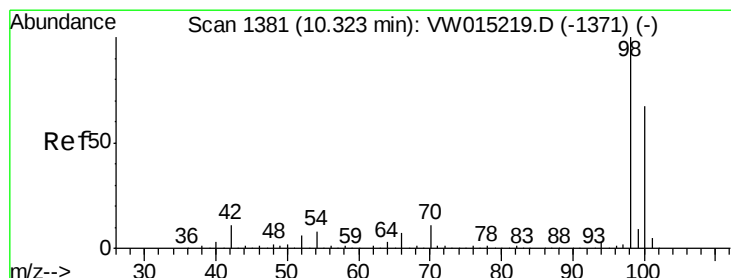
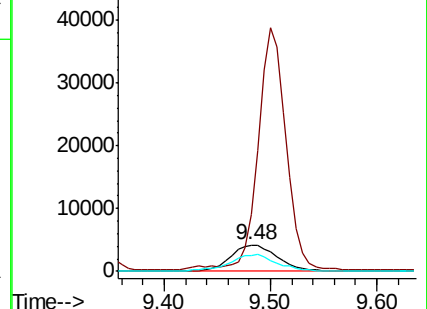
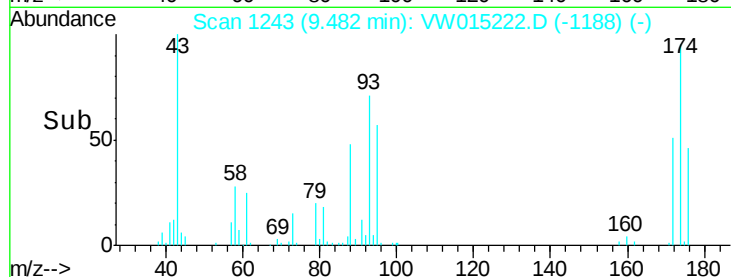
58 66.1 55.4 83.2



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: 49.395 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015222.D

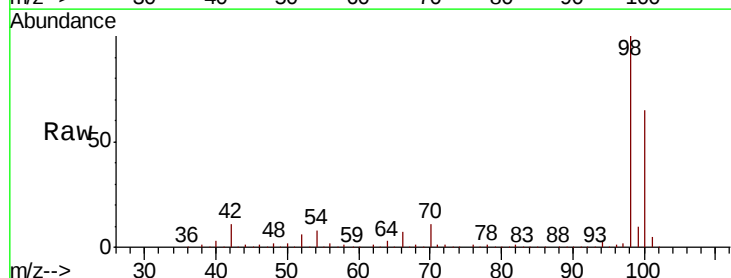
Acq: 20 Apr 2020 14:33

Tgt Ion: 98 Resp: 418062

Ion Ratio Lower Upper

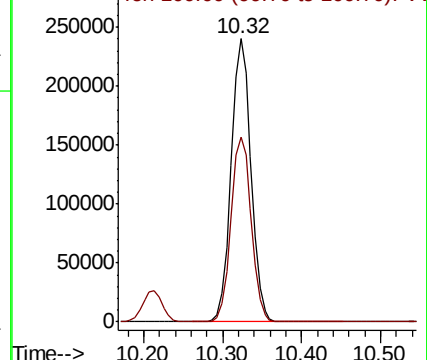
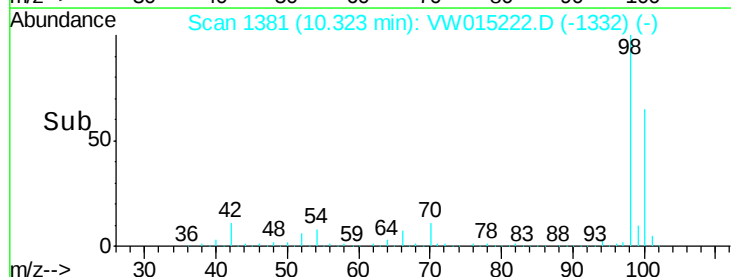
98 100

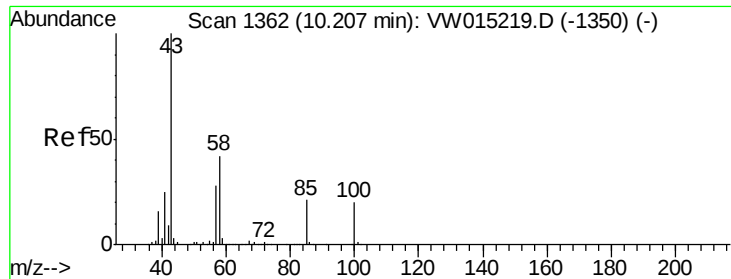
100 66.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 215.242 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

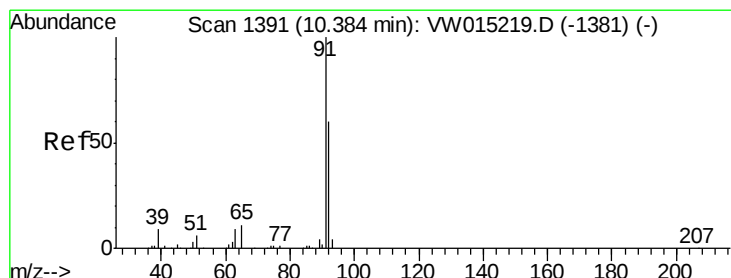
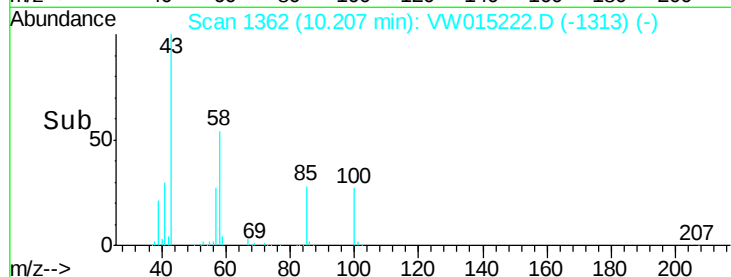
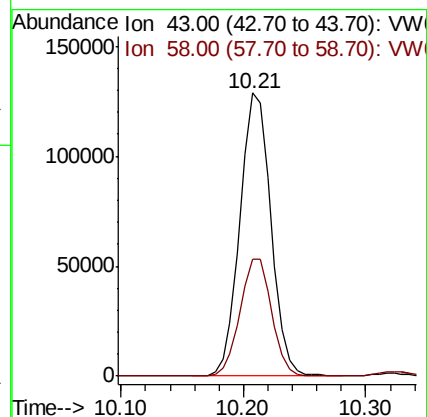
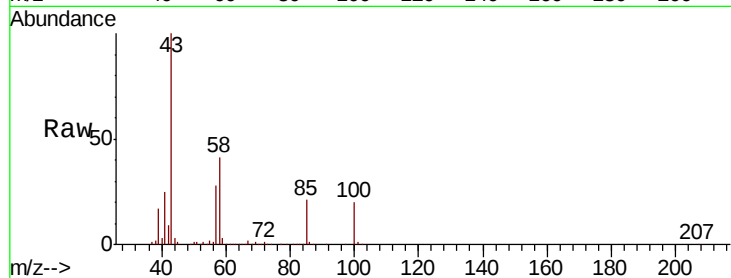
ICVW042020

Tot Ion: 43 Resp: 225466

Ion Ratio Lower Upper

43 100

58 42.2 32.3 48.5



#52

Toluene

Concen: 50.068 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015222.D

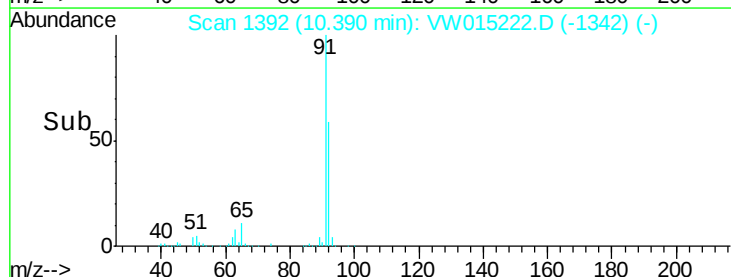
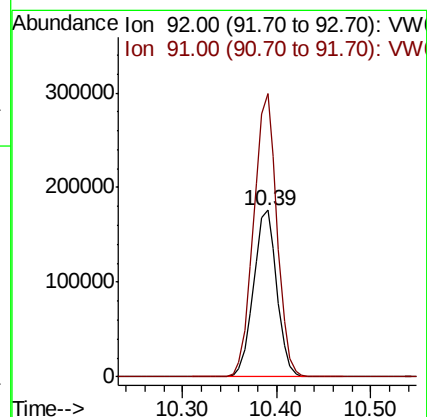
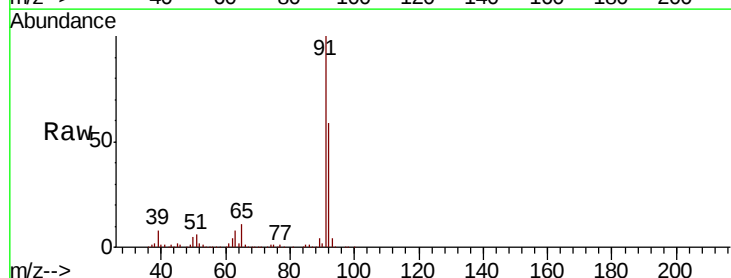
Acq: 20 Apr 2020 14:33

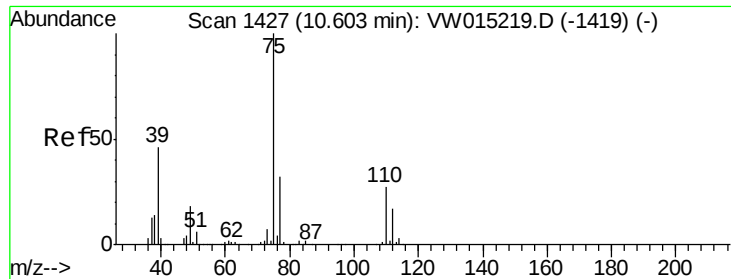
Tgt Ion: 92 Resp: 306856

Ion Ratio Lower Upper

92 100

91 169.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 47.533 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

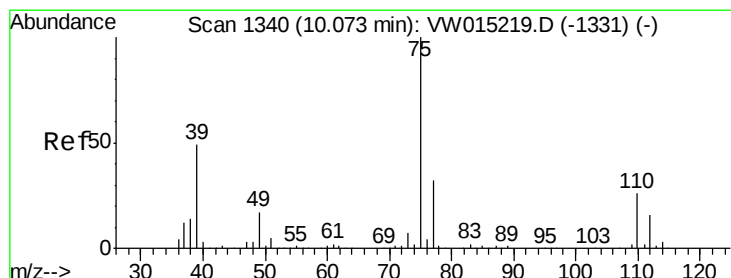
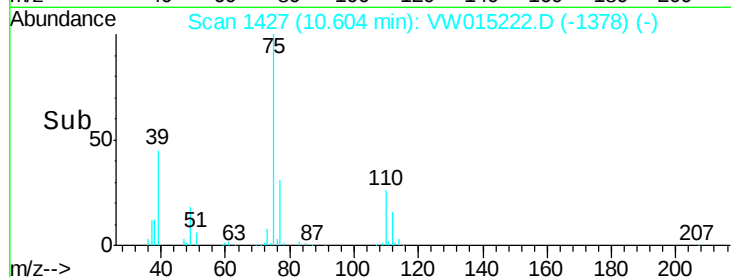
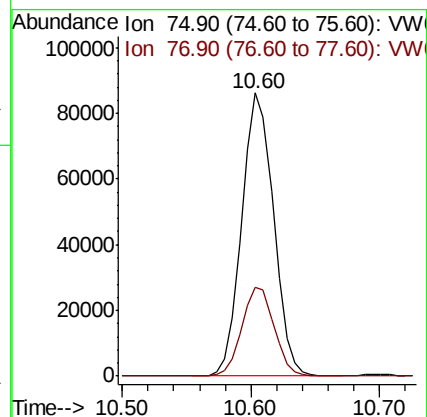
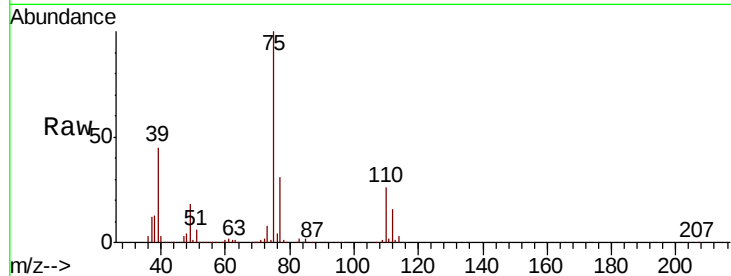
ICVW042020

Tot Ion: 75 Resp: 147598

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 48.040 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

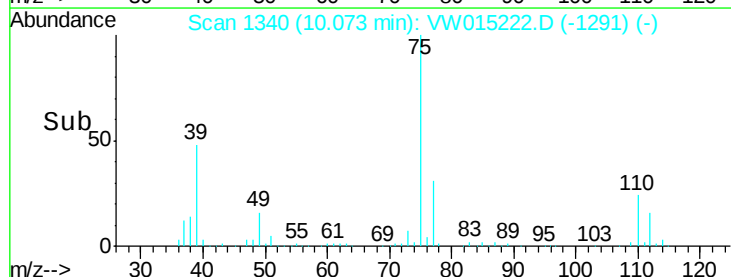
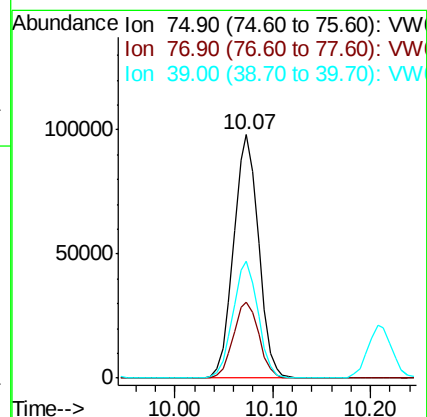
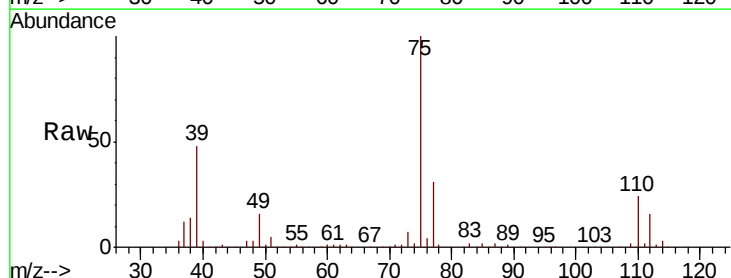
Tgt Ion: 75 Resp: 173388

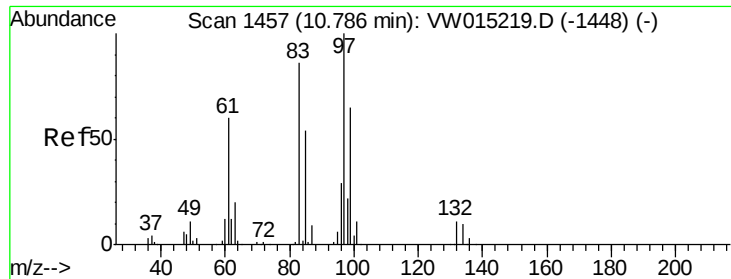
Ion Ratio Lower Upper

75 100

77 31.4 26.6 39.8

39 48.1 37.8 56.6

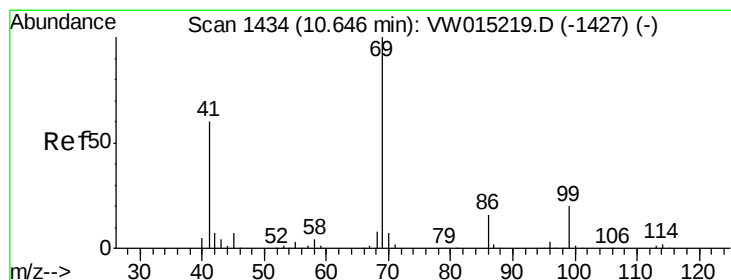
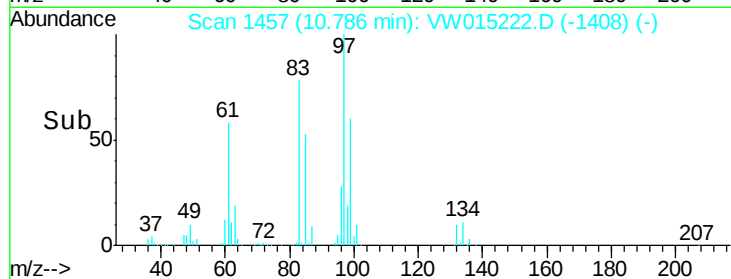
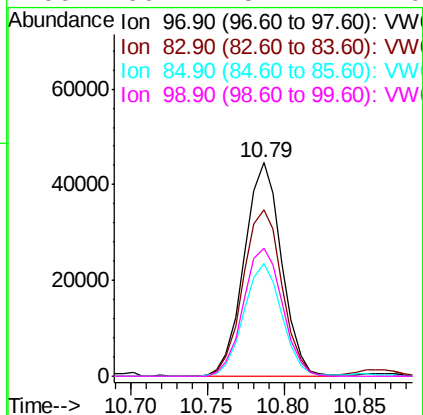
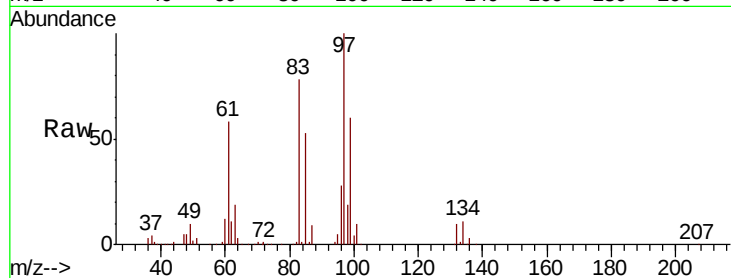




#55
 1,1,2-Trichloroethane
 Concen: 45.822 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

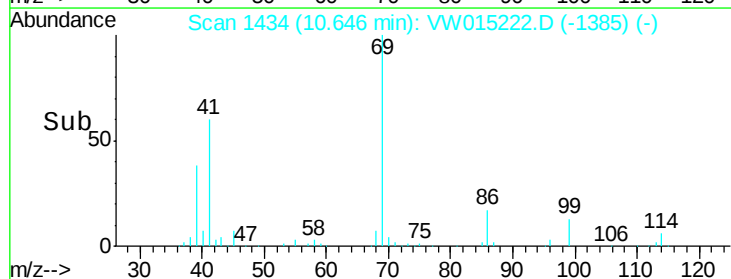
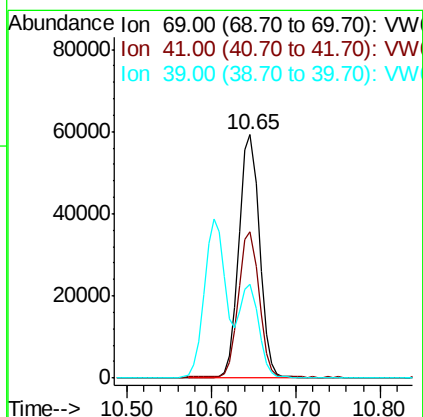
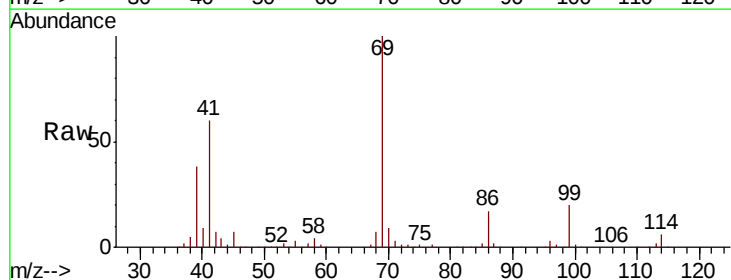
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW042020

Tot Ion:	97	Resp:	75586
Ion	Ratio	Lower	Upper
97	100		
83	78.0	67.3	100.9
85	52.5	43.8	65.8
99	60.2	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 45.657 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion:	69	Resp:	97023
Ion	Ratio	Lower	Upper
69	100		
41	59.9	51.3	76.9
39	34.7	24.6	37.0

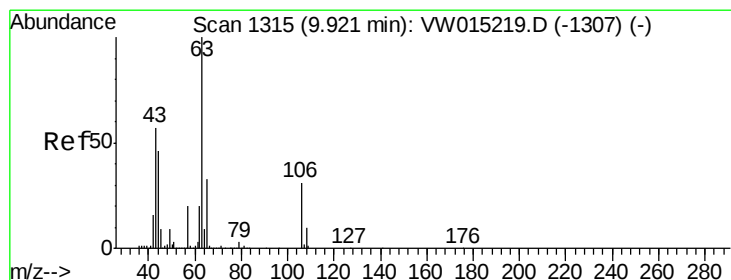
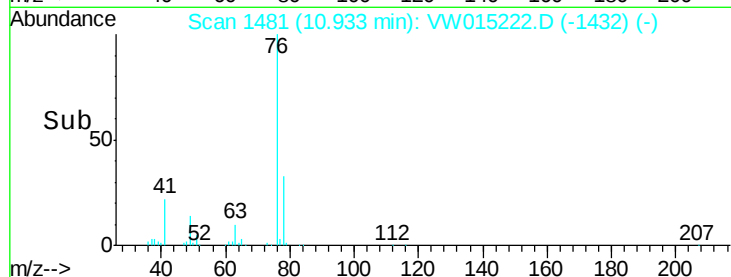
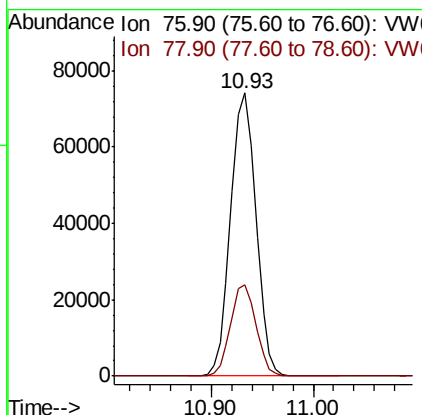
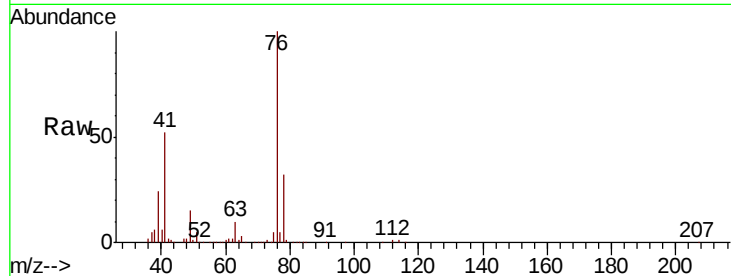




#57
 1,3-Dichloropropane
 Concen: 46.746 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

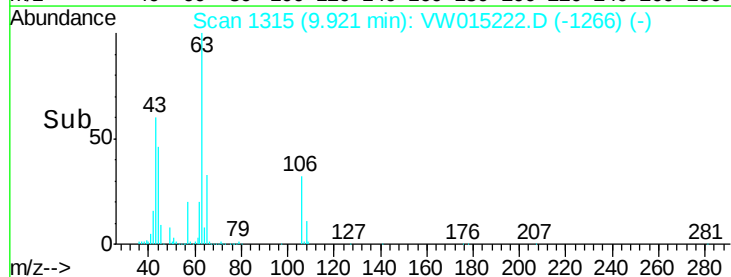
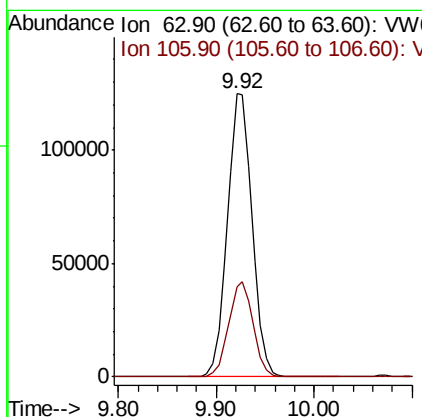
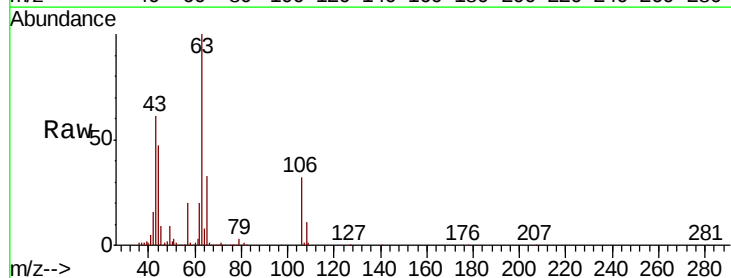
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW042020

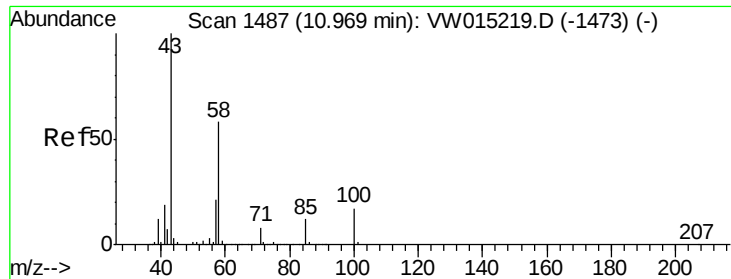
Tot Ion: 76 Resp: 127733
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 221.354 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion: 63 Resp: 218078
 Ion Ratio Lower Upper
 63 100
 106 33.1 22.6 33.8

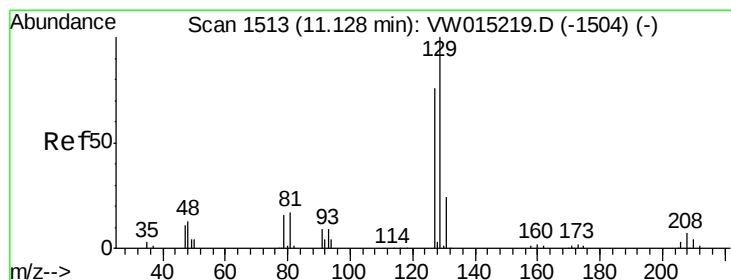
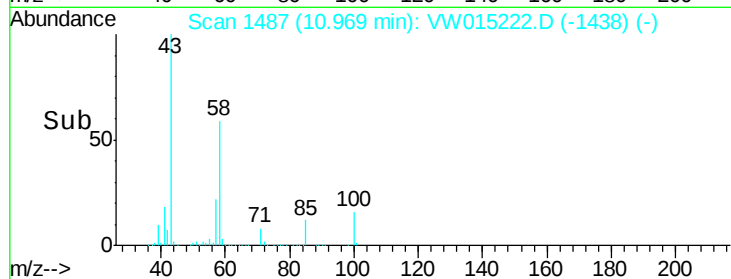
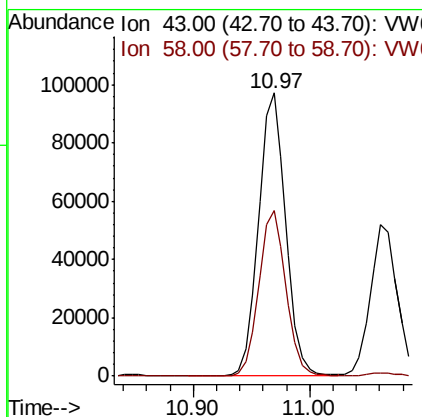
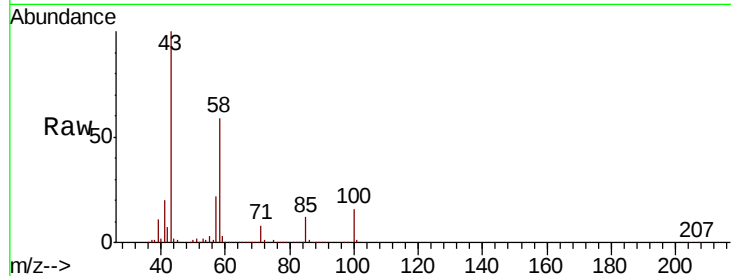




#59
2-Hexanone
Concen: 210.318 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

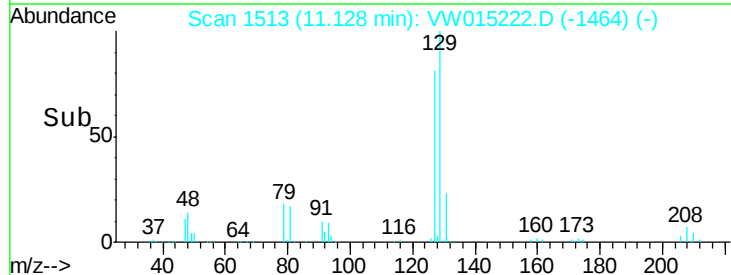
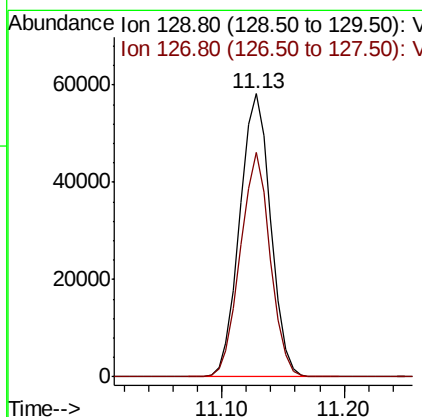
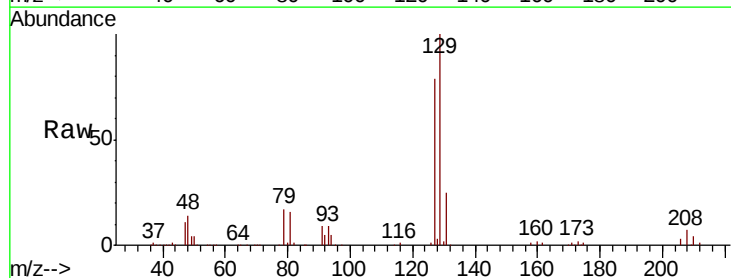
Instrument :
MSVOA_W
ClientSampleId :
ICVW042020

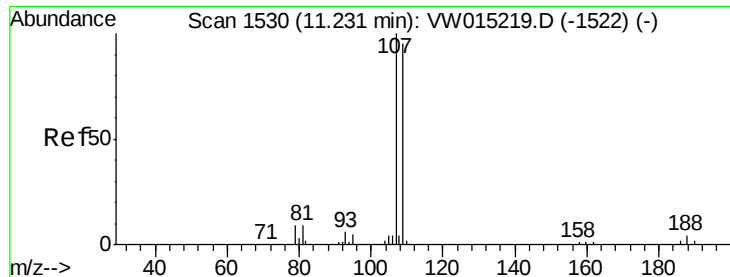
Tot Ion: 43 Resp: 157264
Ion Ratio Lower Upper
43 100
58 58.6 28.1 84.3



#60
Dibromochloromethane
Concen: 46.892 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion: 129 Resp: 102129
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.8

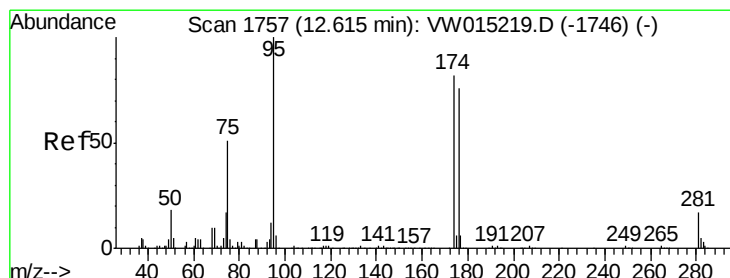
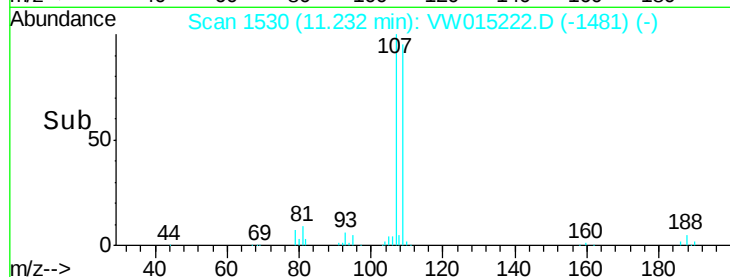
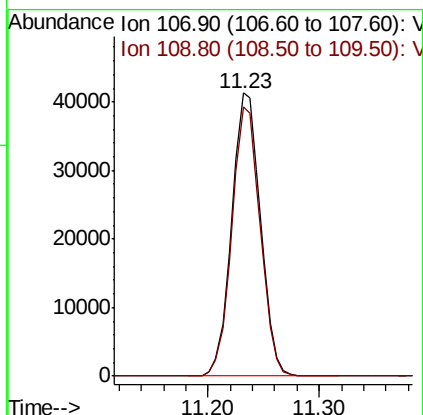
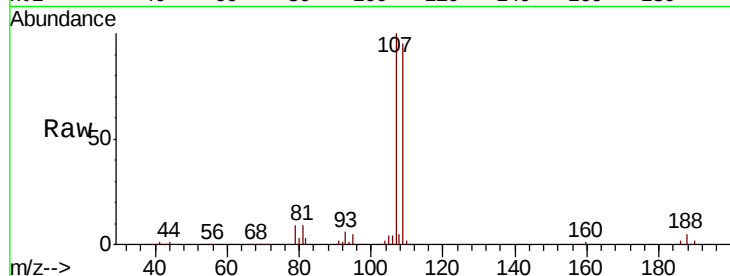




#61
 1,2-Dibromoethane
 Concen: 45.783 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

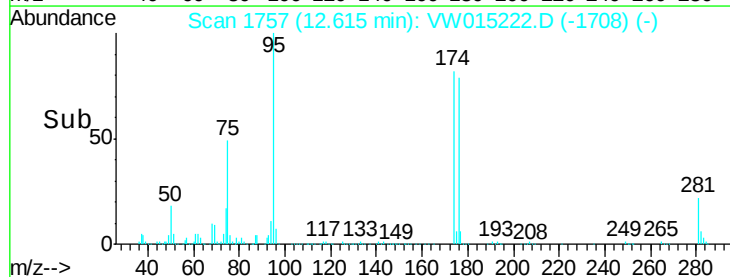
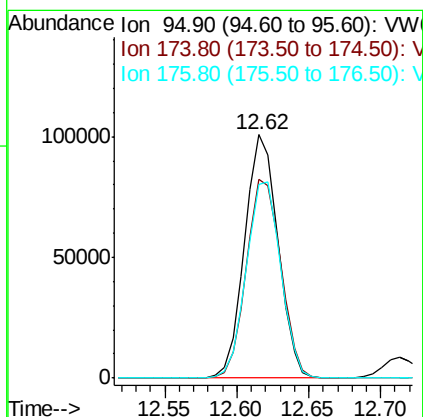
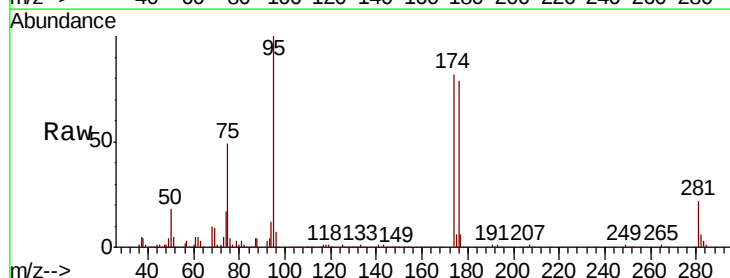
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW042020

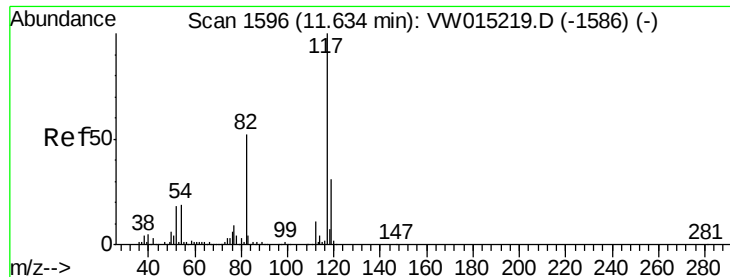
Tot Ion:107 Resp: 73692
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 49.882 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion: 95 Resp: 161083
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 144.4
 176 83.1 0.0 140.6

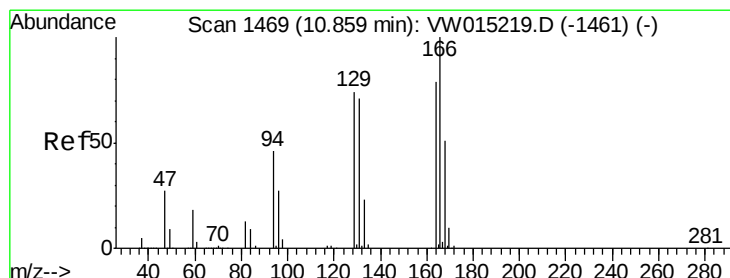
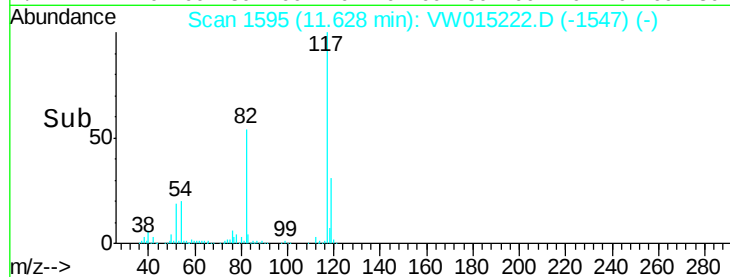
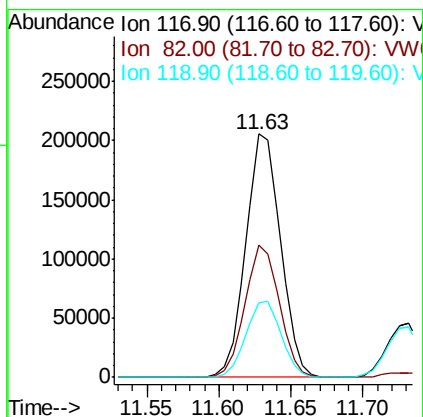
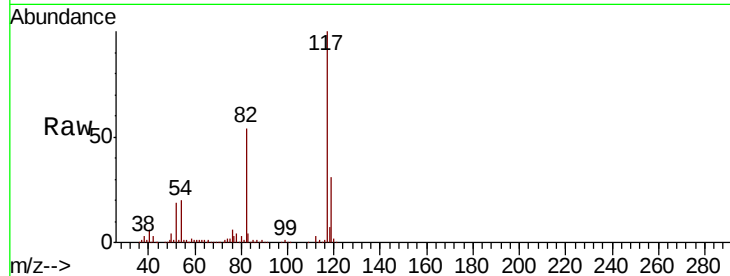




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

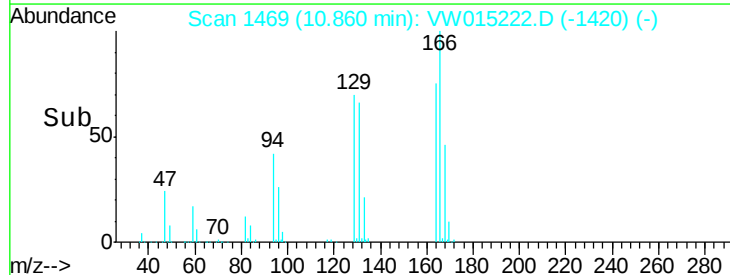
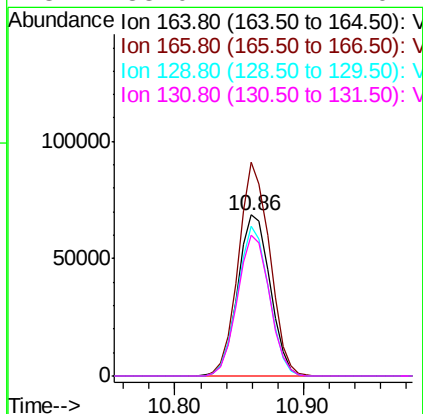
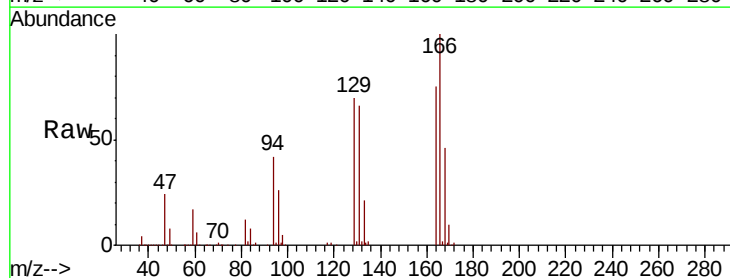
Instrument :
MSVOA_W
ClientSampled :
ICVW042020

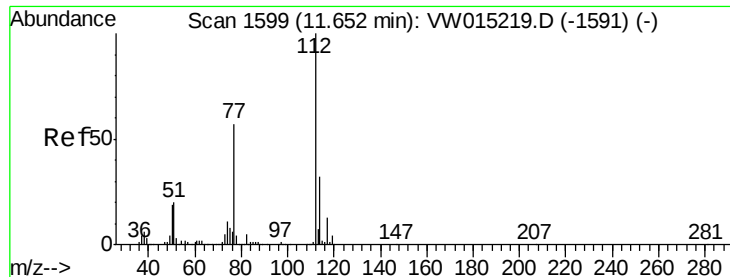
Tot Ion:117 Resp: 342219
Ion Ratio Lower Upper
117 100
82 54.5 44.1 66.1
119 30.5 24.9 37.3



#64
Tetrachloroethene
Concen: 48.801 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion:164 Resp: 119193
Ion Ratio Lower Upper
164 100
166 132.9 102.6 154.0
129 93.3 80.2 120.2
131 88.0 77.4 116.2

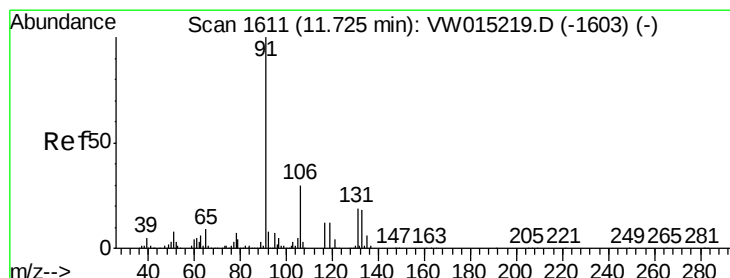
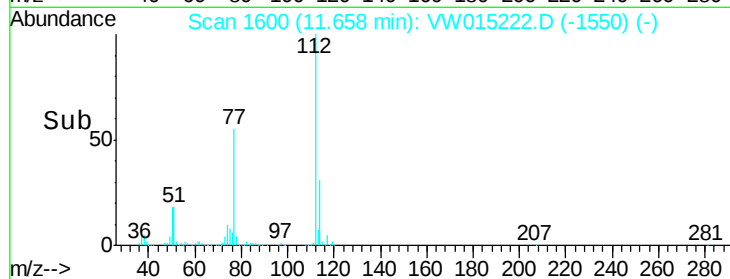
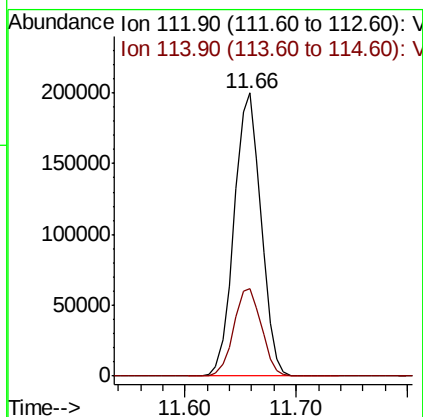
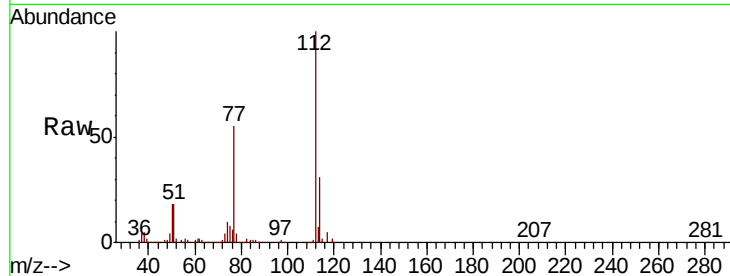




#65
Chlorobenzene
Concen: 49.722 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

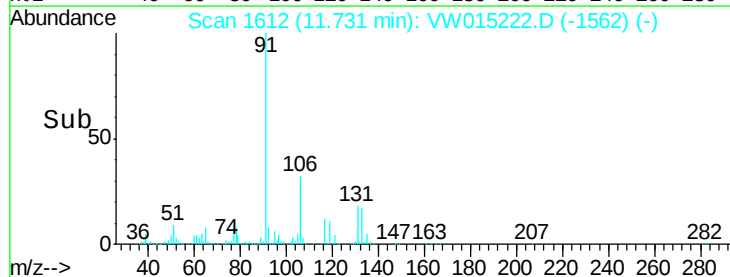
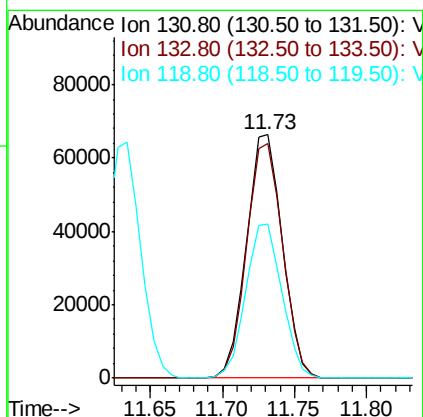
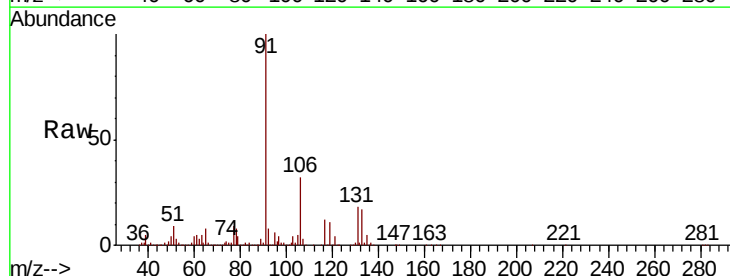
Instrument :
MSVOA_W
ClientSampleId :
ICVW042020

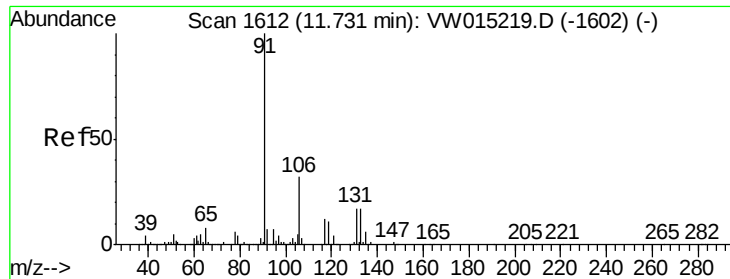
Tot Ion:112 Resp: 333900
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.282 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion:131 Resp: 114120
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 64.1 34.0 101.8

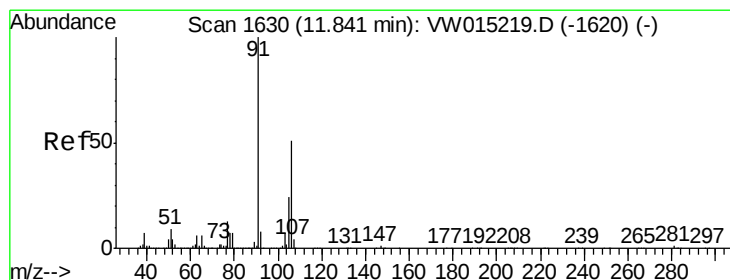
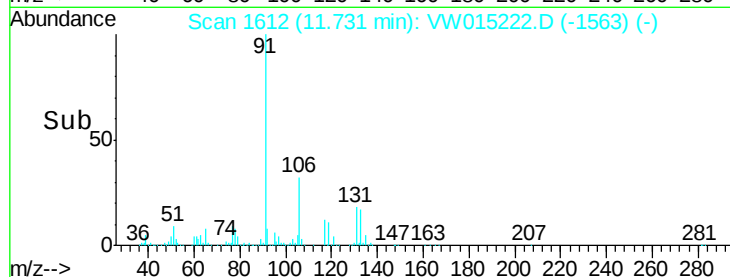
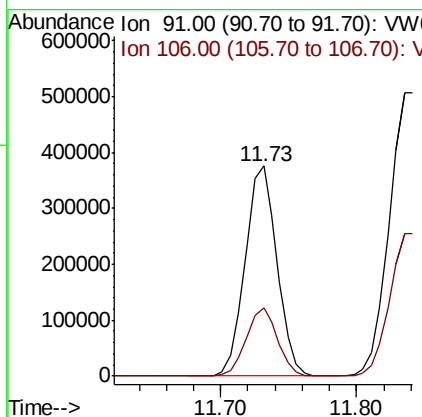
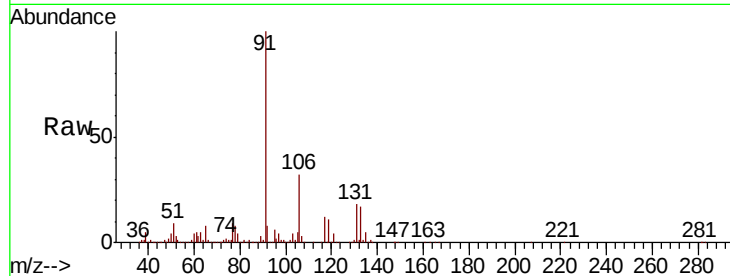




#67
Ethyl Benzene
Concen: 49.158 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

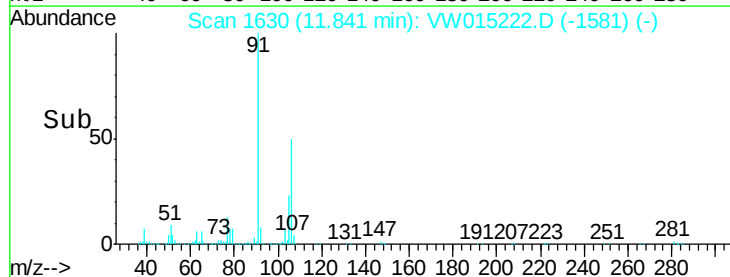
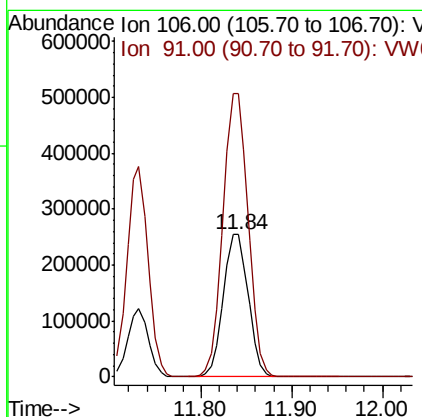
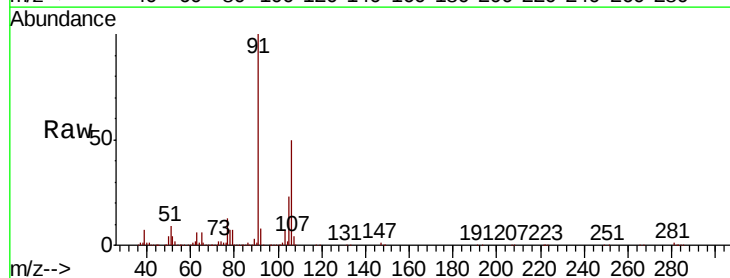
Instrument :
MSVOA_W
ClientSampleId :
ICVW042020

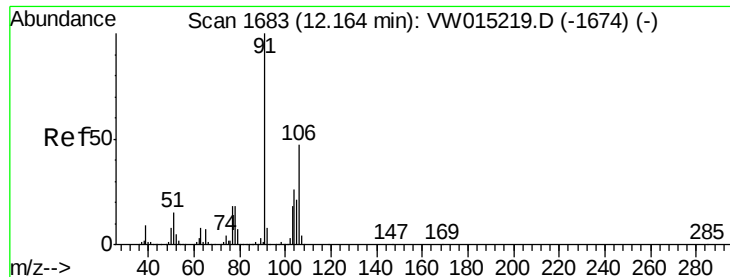
Tot Ion: 91 Resp: 615613
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 99.497 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion: 106 Resp: 488409
Ion Ratio Lower Upper
106 100
91 199.8 160.0 240.0

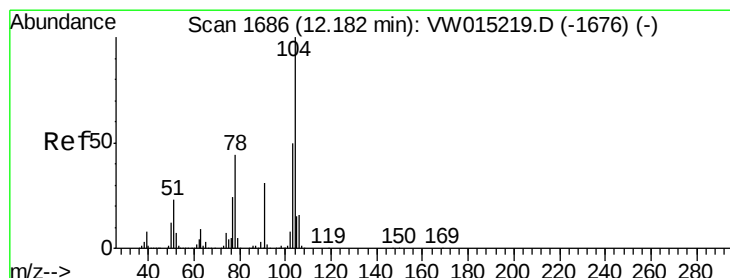
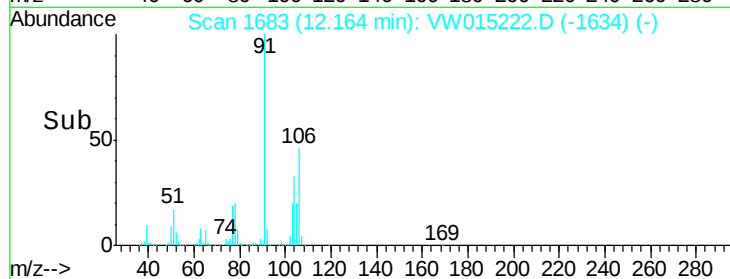
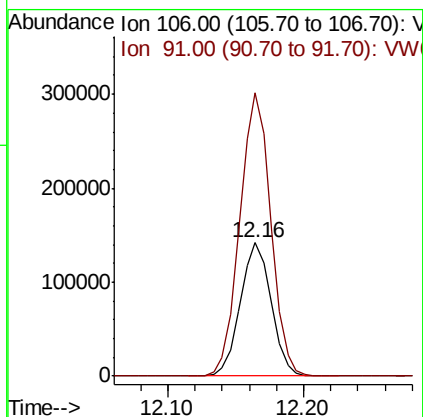
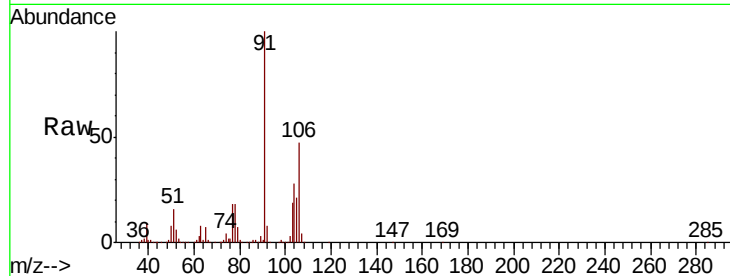




#69
o-Xylene
Concen: 49.173 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

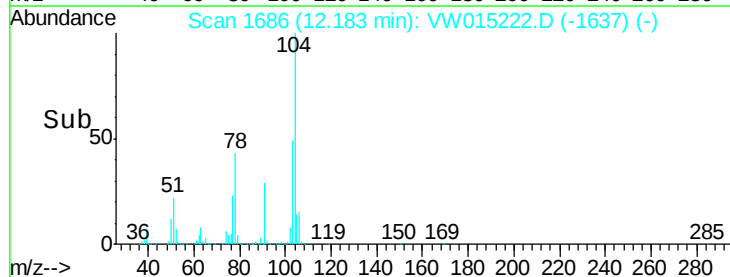
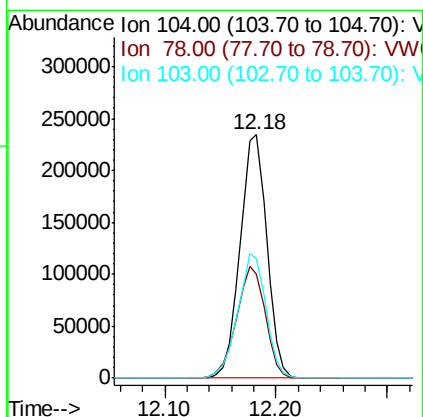
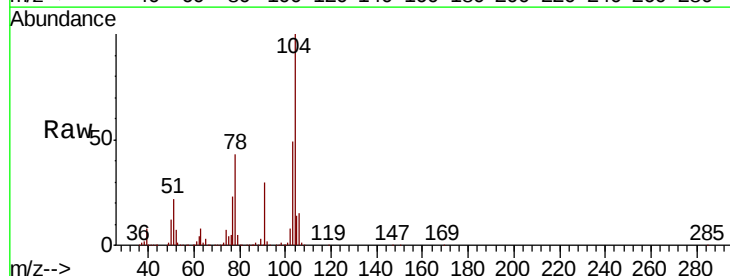
Instrument :
MSVOA_W
ClientSampleId :
ICVW042020

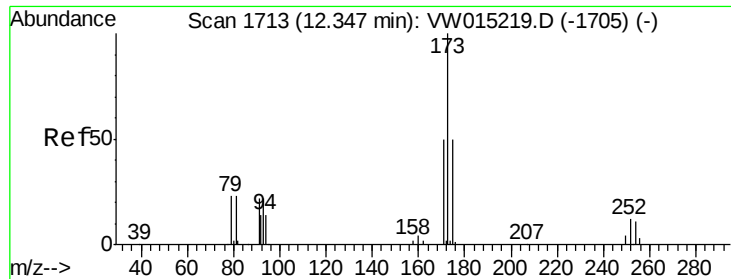
Tot Ion:106 Resp: 225300
Ion Ratio Lower Upper
106 100
91 212.5 105.7 317.1



#70
Styrene
Concen: 49.984 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion:104 Resp: 390381
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.6
103 53.5 43.8 65.6





#71

Bromoform

Concen: 45.348 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

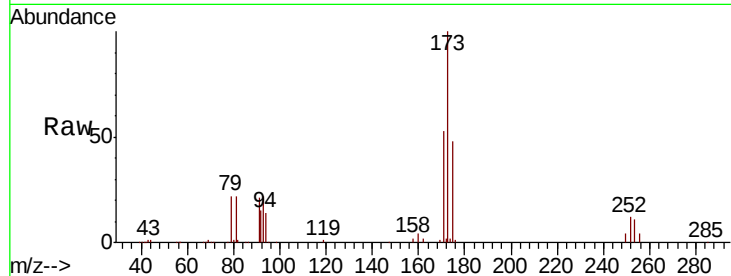
Tot Ion:173 Resp: 61671

Ion Ratio Lower Upper

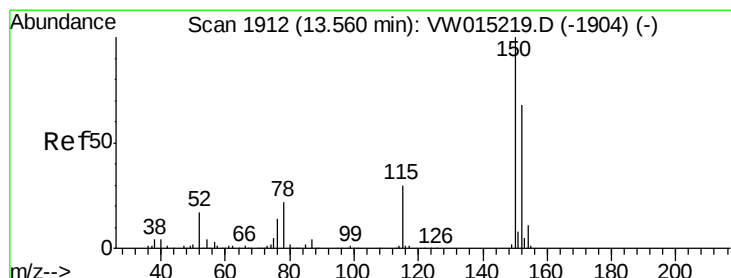
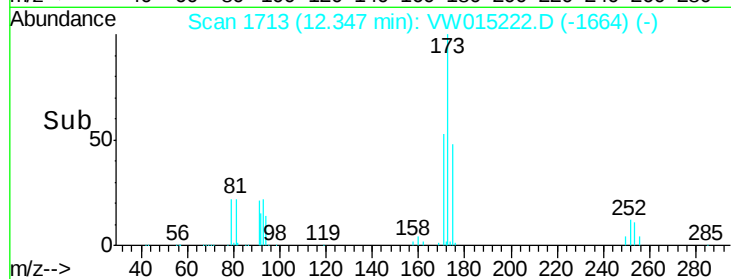
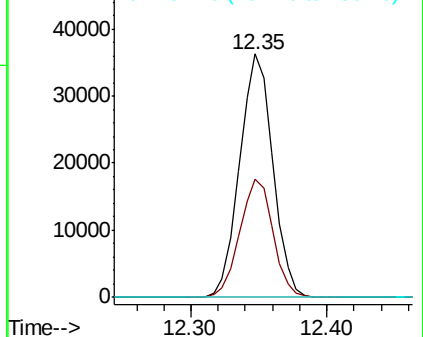
173 100

175 48.7 25.1 75.4

254 0.0 0.1 0.1#



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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

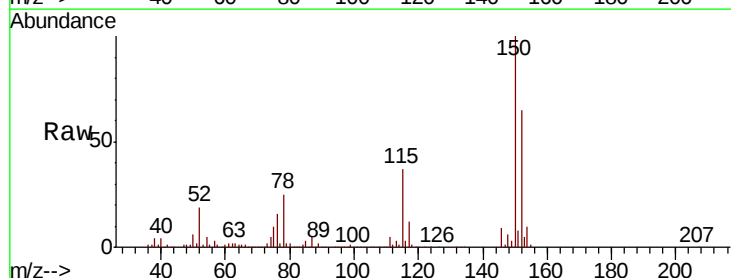
Tgt Ion:152 Resp: 186712

Ion Ratio Lower Upper

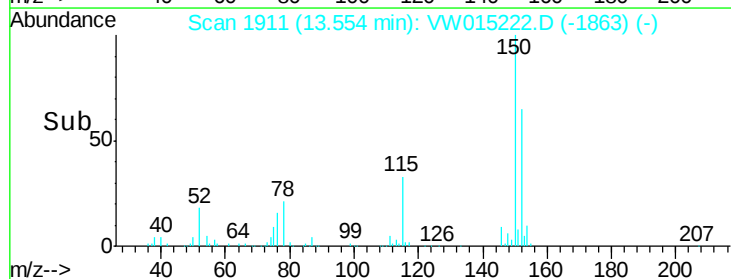
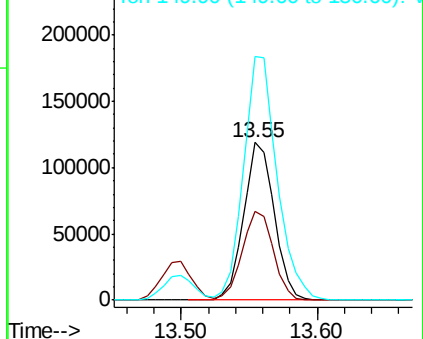
152 100

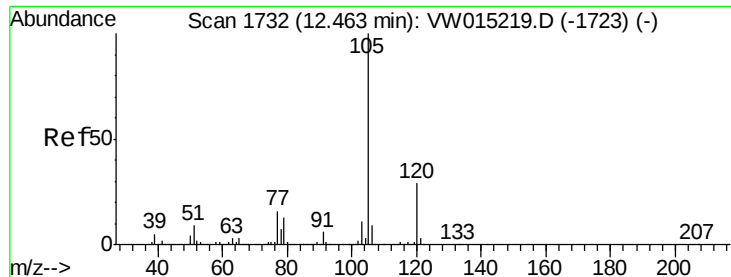
115 57.6 31.3 93.9

150 169.9 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.010 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

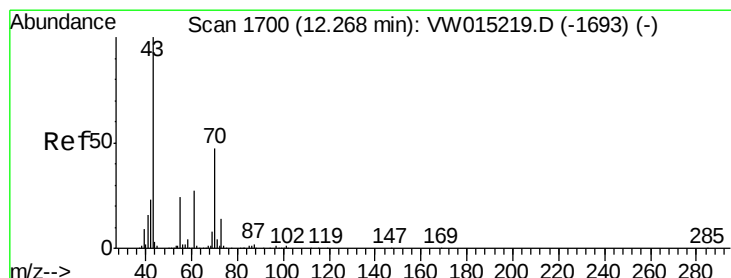
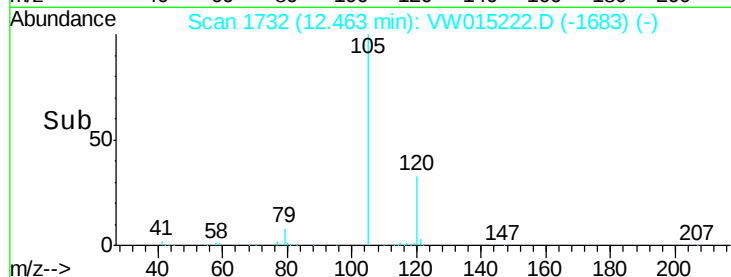
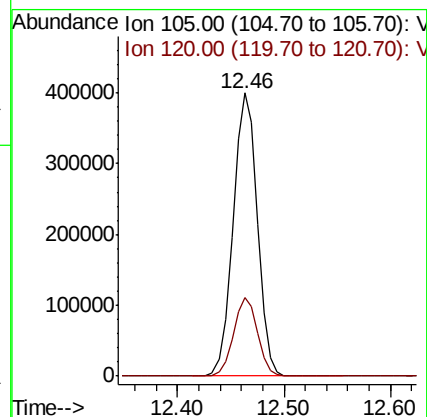
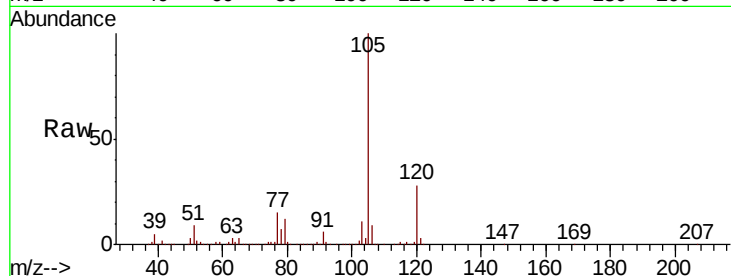
ICVW042020

Tot Ion:105 Resp: 634462

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



#74

N-ethyl acetate

Concen: 44.576 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Tgt Ion: 43 Resp: 100394

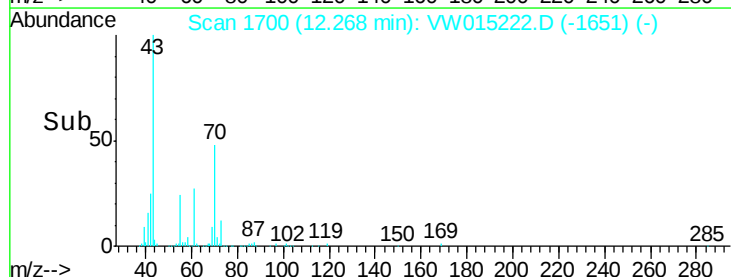
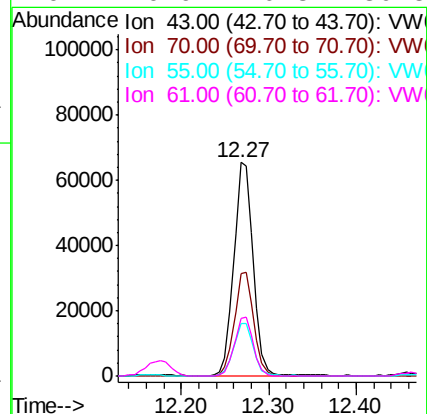
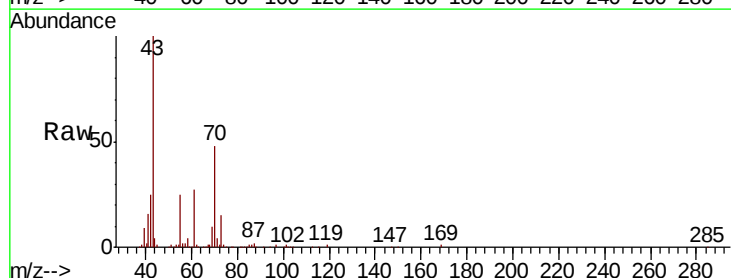
Ion Ratio Lower Upper

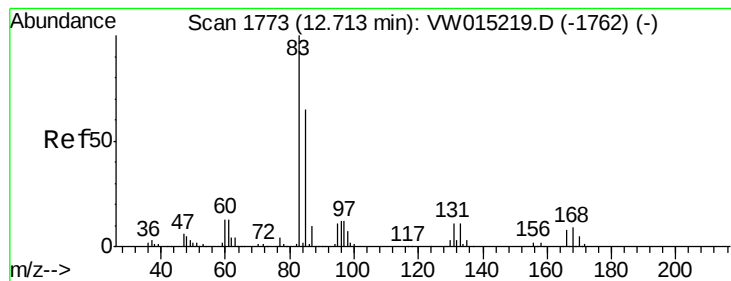
43 100

70 48.7 35.4 53.2

55 24.7 18.5 27.7

61 26.9 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 43.400 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

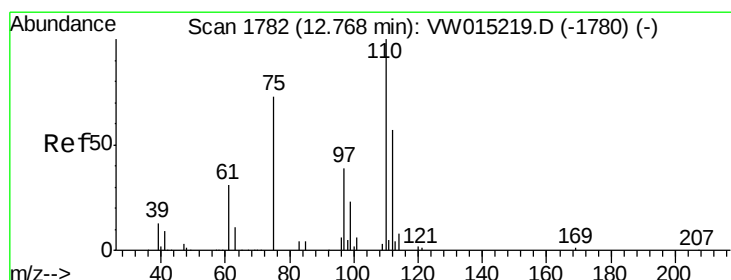
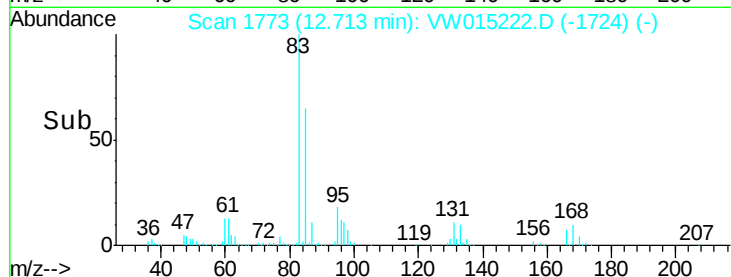
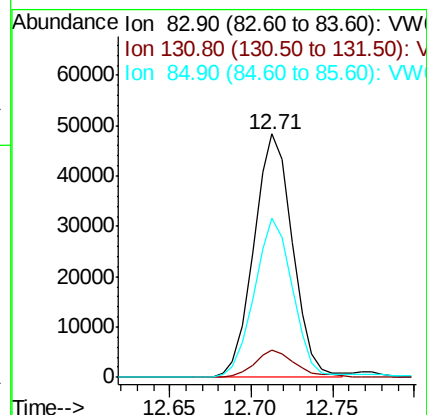
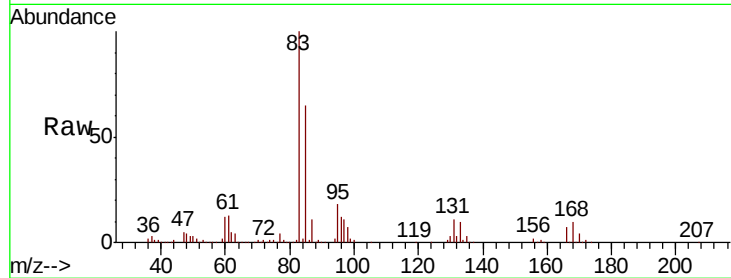
Tot Ion: 83 Resp: 79771

Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.1	15.2
85	64.8	32.3	96.8

83 100

131 12.0 5.1 15.2

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 78.137 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015222.D

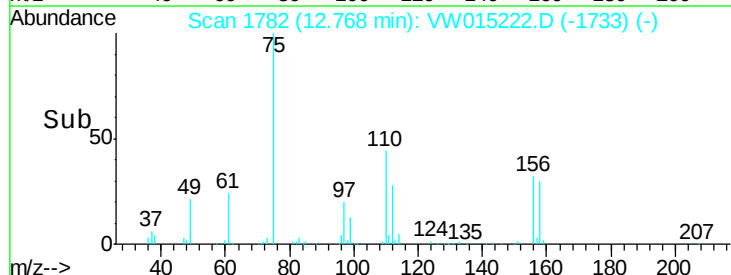
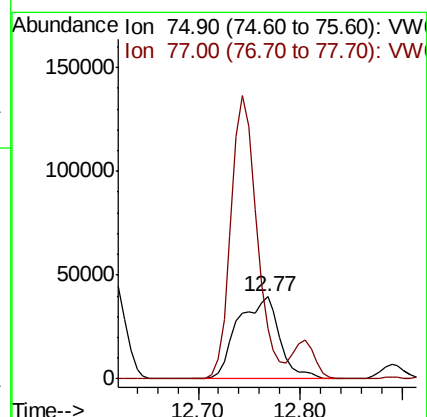
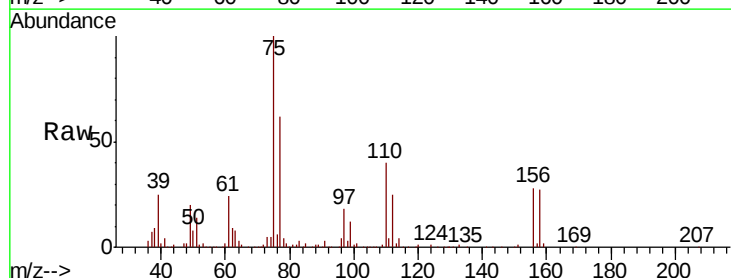
Acq: 20 Apr 2020 14:33

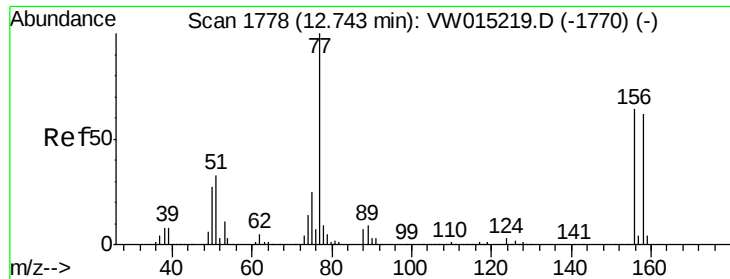
Tgt Ion: 75 Resp: 112863

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.484 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

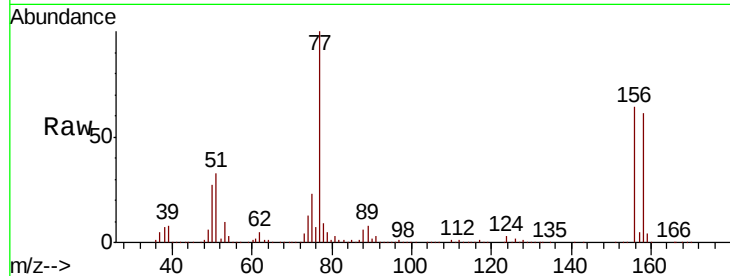
Tot Ion:156 Resp: 144204

Ion Ratio Lower Upper

156 100

77 168.9 100.5 301.5

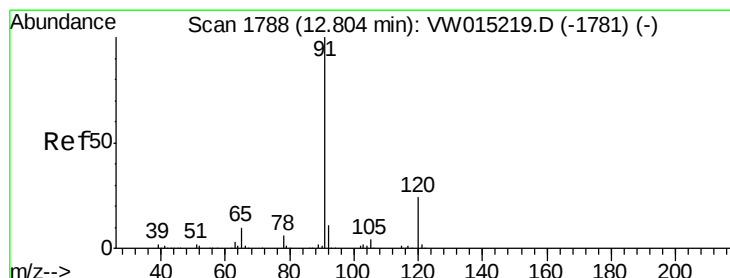
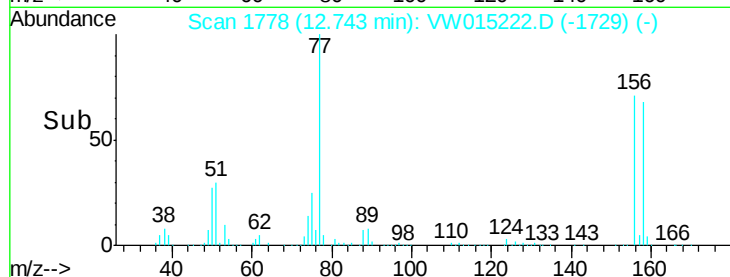
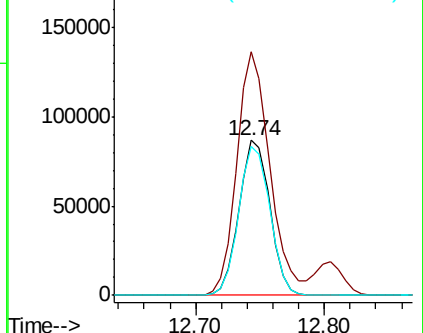
158 97.1 47.9 143.8



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: 49.055 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015222.D

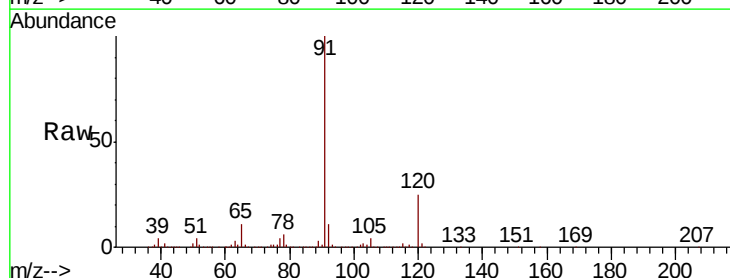
Acq: 20 Apr 2020 14:33

Tgt Ion: 91 Resp: 739394

Ion Ratio Lower Upper

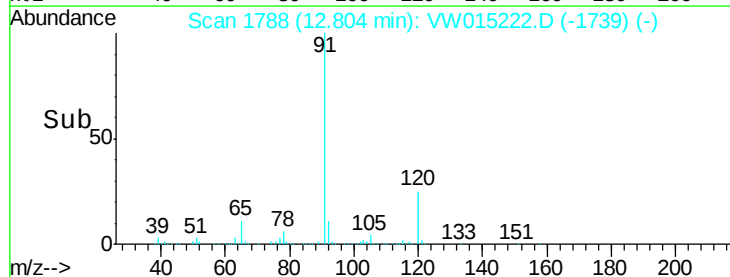
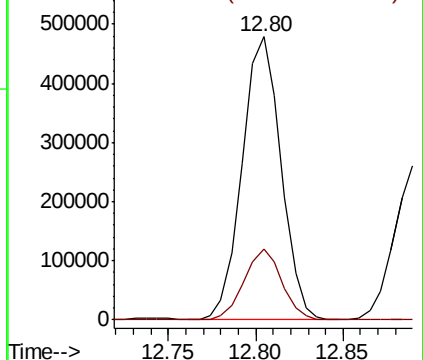
91 100

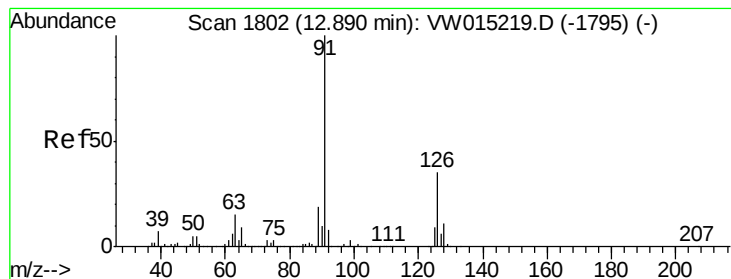
120 24.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.383 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

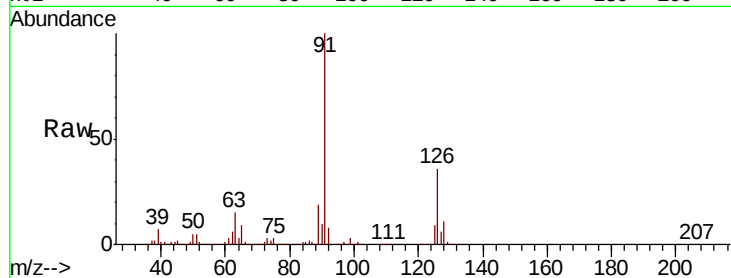
ICVW042020

Tot Ion: 91 Resp: 419482

Ion Ratio Lower Upper

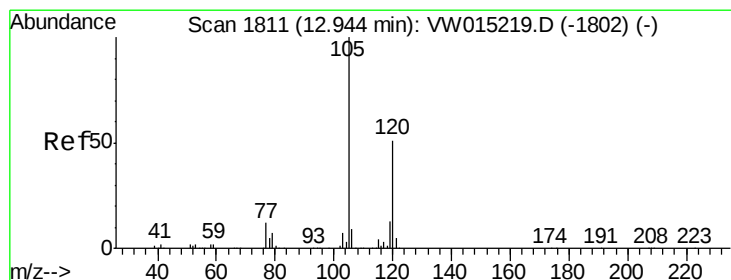
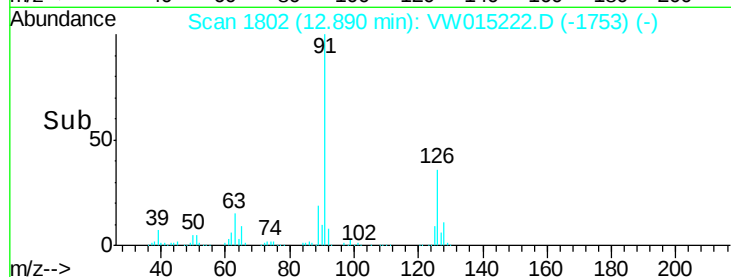
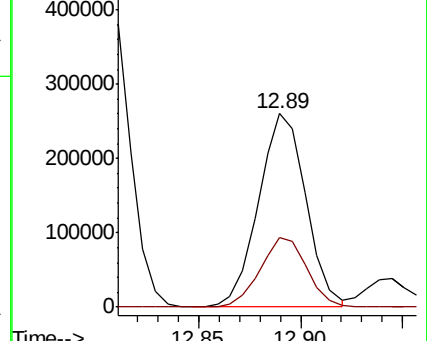
91 100

126 35.5 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.966 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015222.D

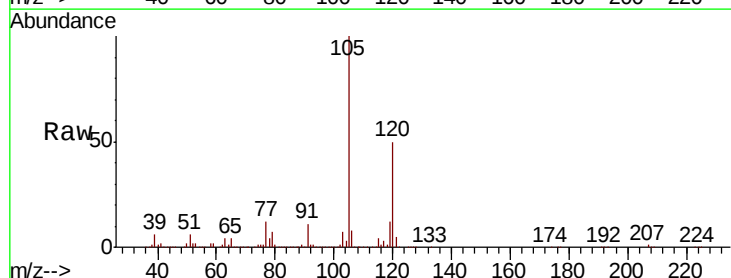
Acq: 20 Apr 2020 14:33

Tgt Ion:105 Resp: 546049

Ion Ratio Lower Upper

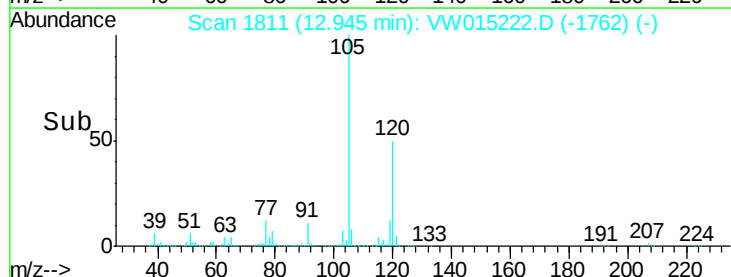
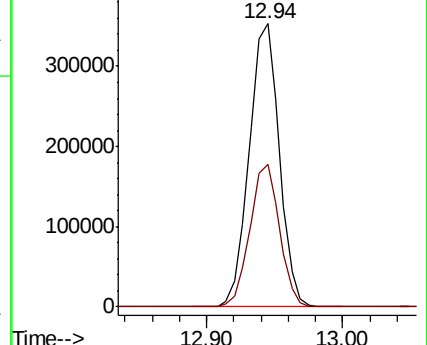
105 100

120 49.7 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.723 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

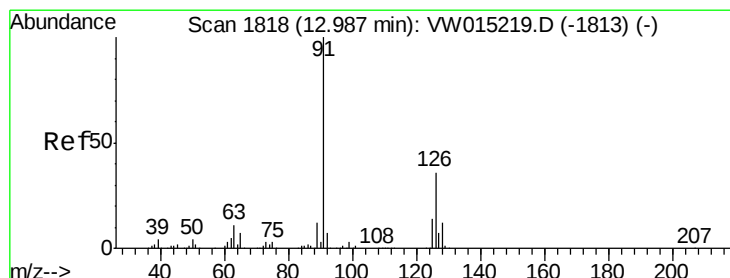
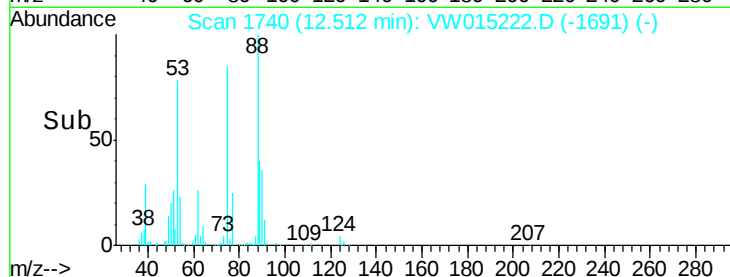
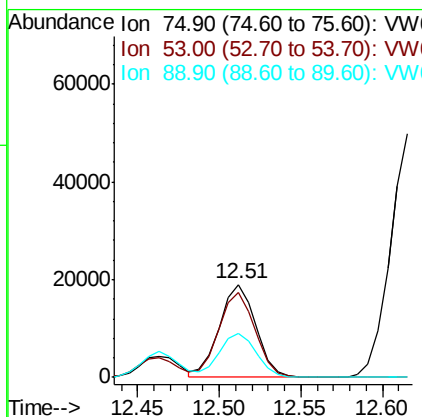
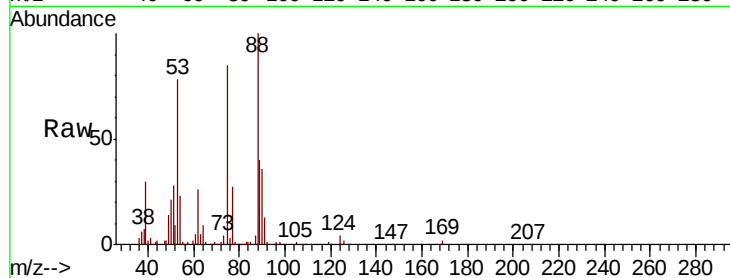
Tot Ion: 75 Resp: 29551

Ion Ratio Lower Upper

75 100

53 92.1 69.4 104.2

89 47.4 34.8 52.2



#82

4-Chlorotoluene

Concen: 50.012 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015222.D

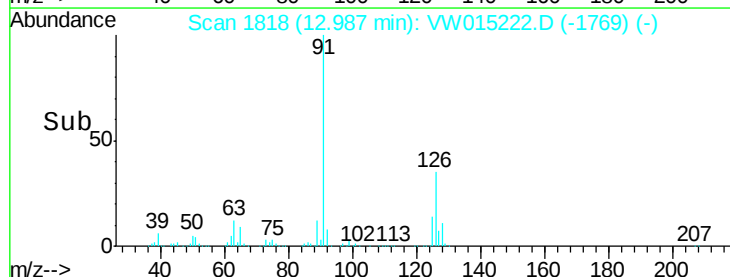
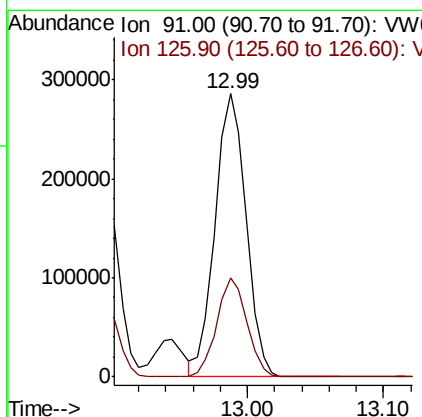
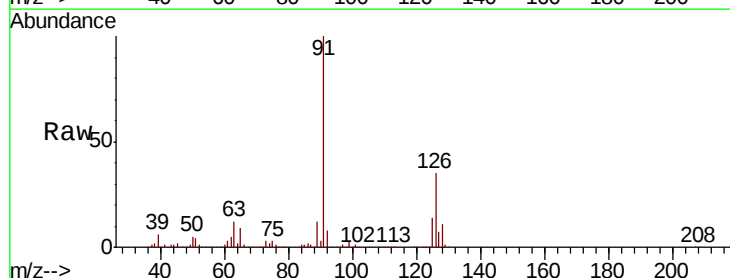
Acq: 20 Apr 2020 14:33

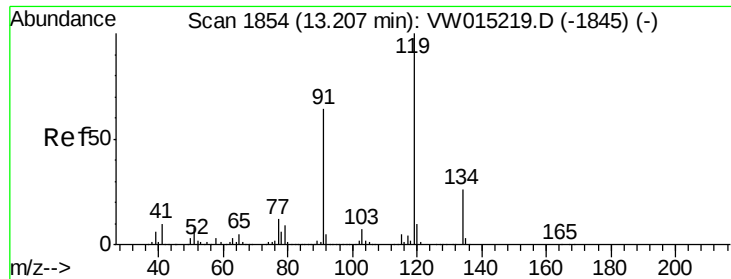
Tgt Ion: 91 Resp: 451053

Ion Ratio Lower Upper

91 100

126 34.2 16.8 50.3

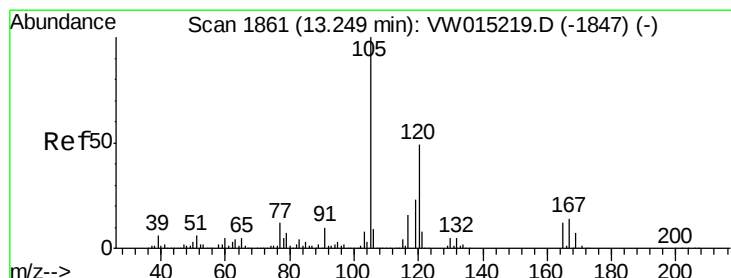
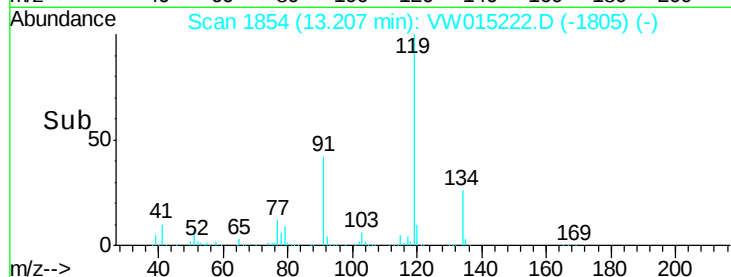
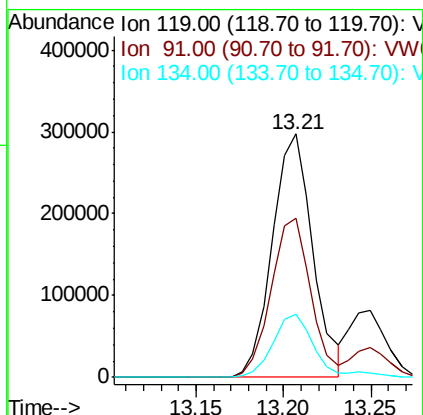
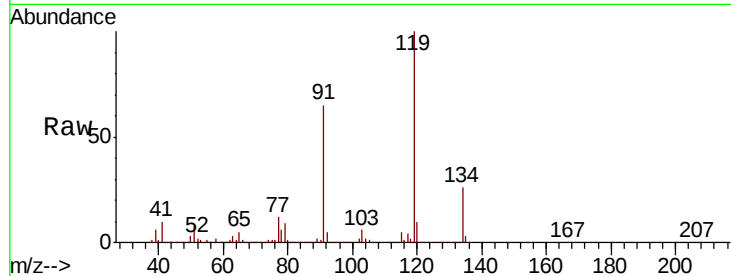




#83
tert-Butylbenzene
Concen: 49.220 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

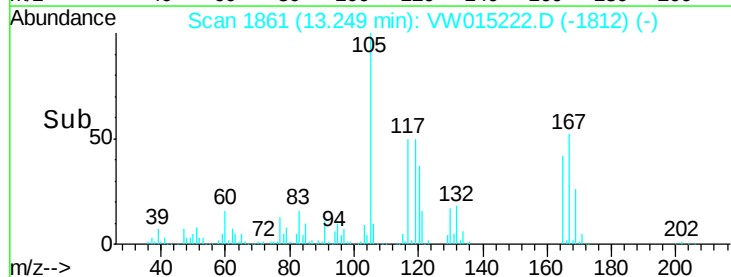
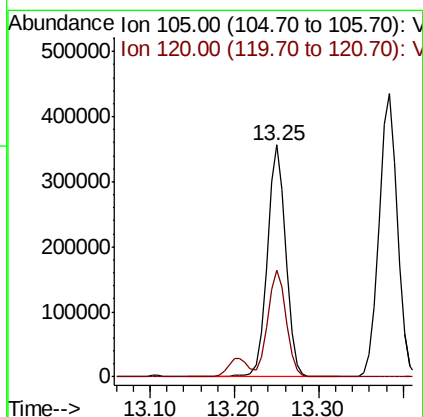
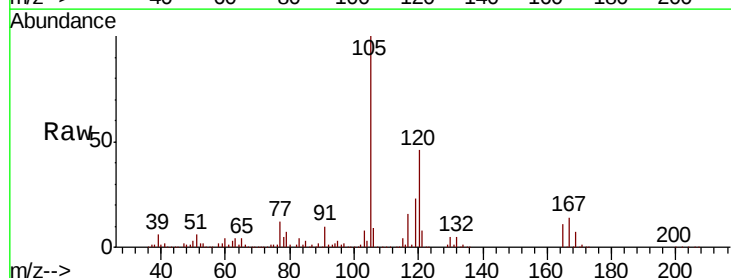
Instrument :
MSVOA_W
ClientSampleId :
ICVW042020

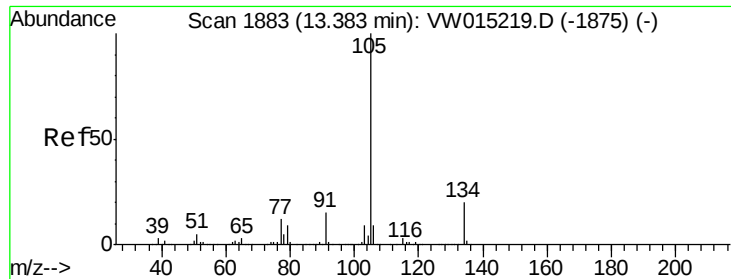
Tot Ion:119 Resp: 479733
Ion Ratio Lower Upper
119 100
91 64.1 32.8 98.3
134 25.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 48.836 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015222.D
Acq: 20 Apr 2020 14:33

Tgt Ion:105 Resp: 537149
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0

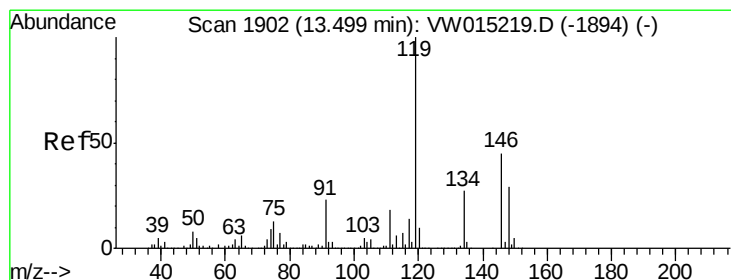
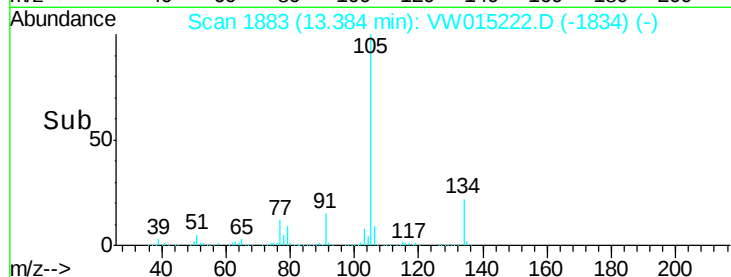
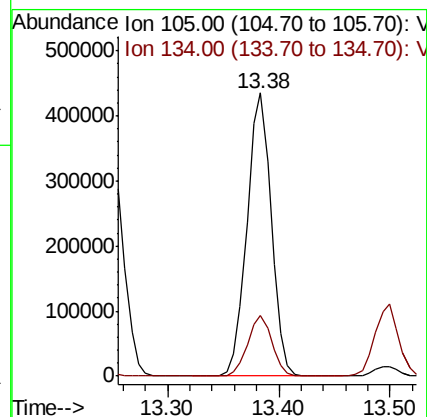
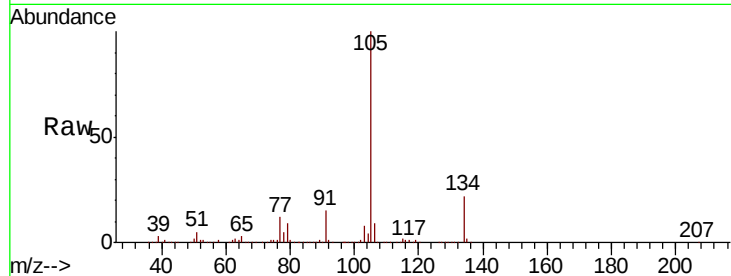




#85
 sec-Butylbenzene
 Concen: 48.933 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

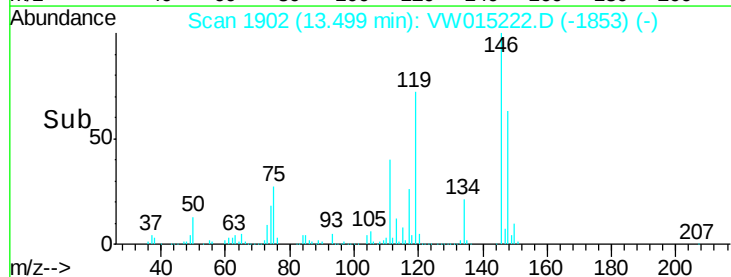
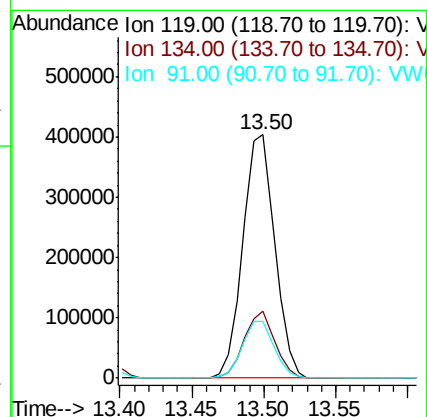
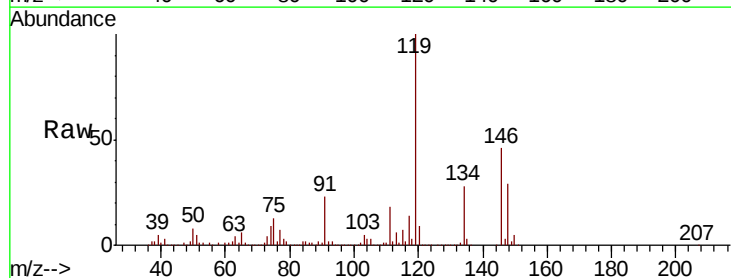
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW042020

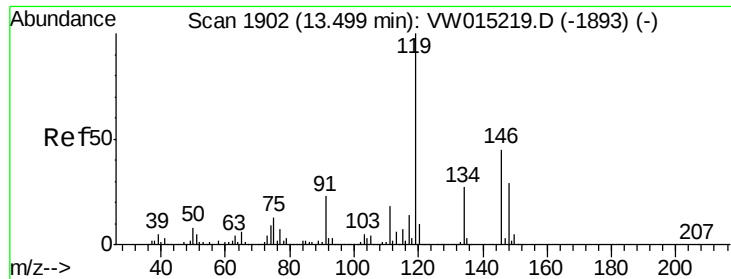
Tot Ion:105 Resp: 658661
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.541 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion:119 Resp: 619649
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 23.4 12.0 36.1

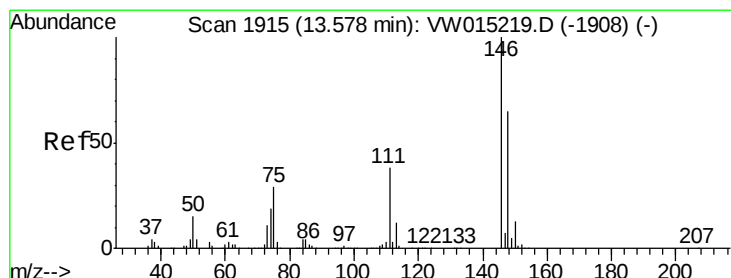
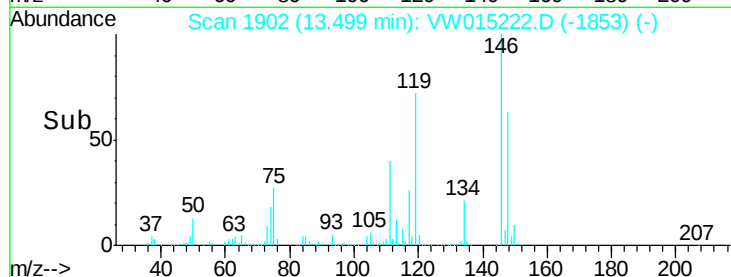
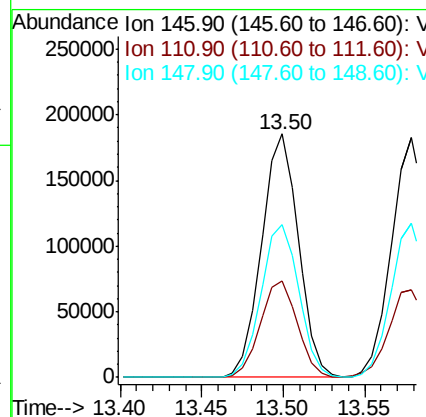
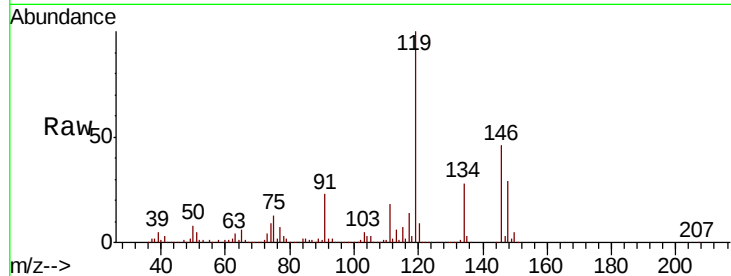




#87
 1,3-Dichlorobenzene
 Concen: 49.402 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

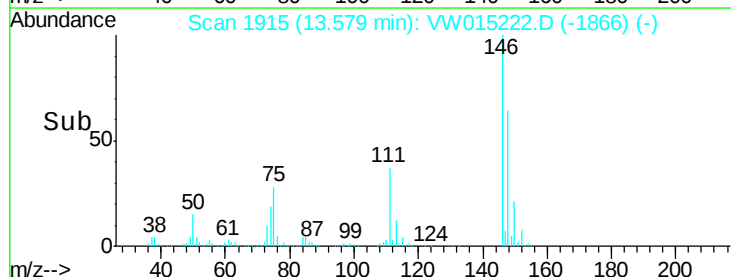
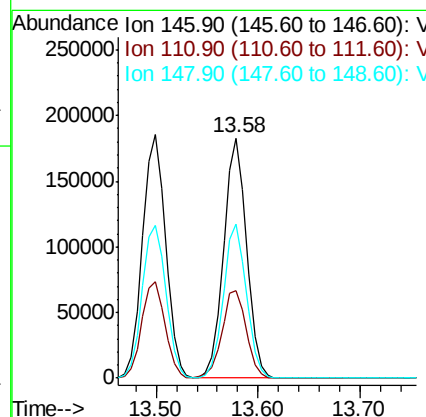
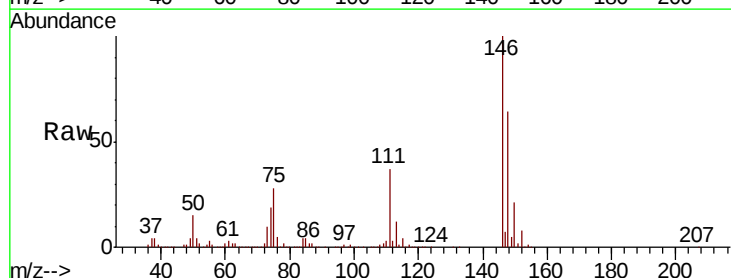
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW042020

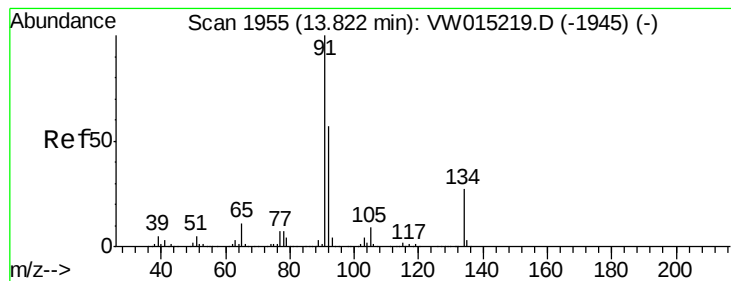
Tot Ion:146 Resp: 291946
 Ion Ratio Lower Upper
 146 100
 111 39.9 21.1 63.4
 148 64.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.339 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion:146 Resp: 285818
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.4 61.3
 148 64.5 31.5 94.5





#89

n-Butylbenzene

Concen: 48.913 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

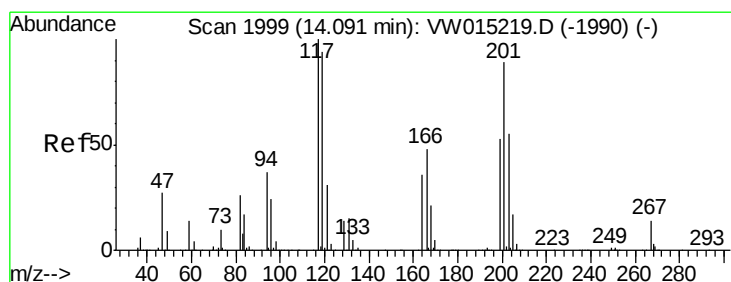
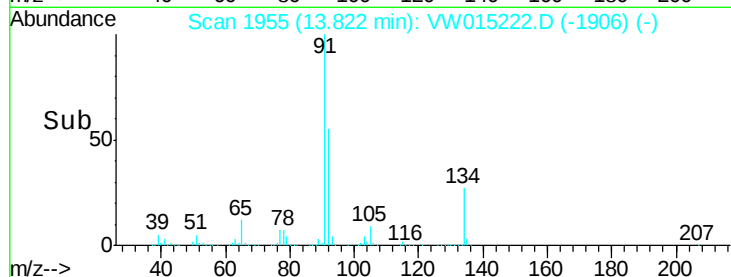
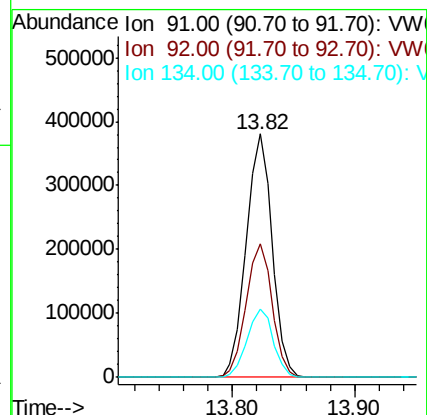
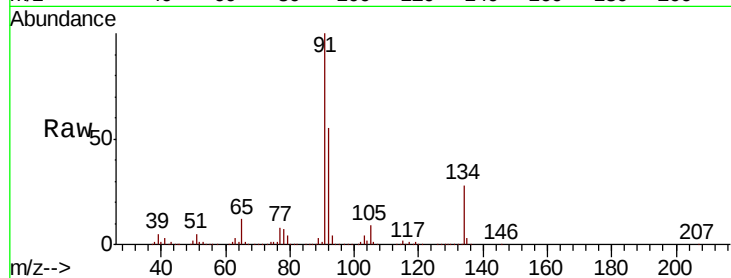
Tot Ion: 91 Resp: 559188

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.7

134 28.4 12.8 38.3



#90

Hexachloroethane

Concen: 49.217 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015222.D

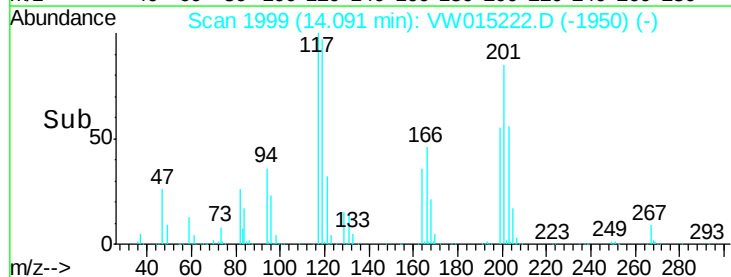
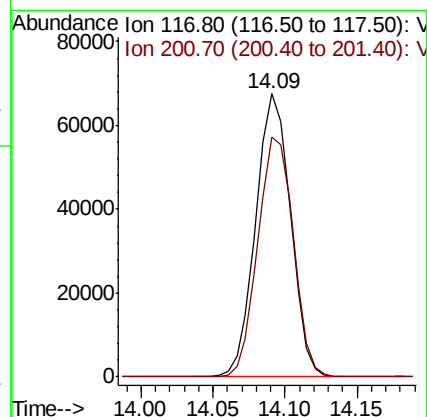
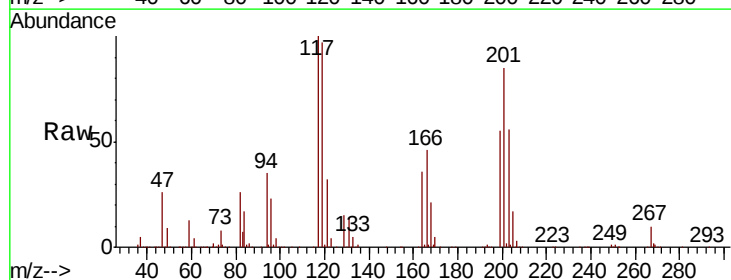
Acq: 20 Apr 2020 14:33

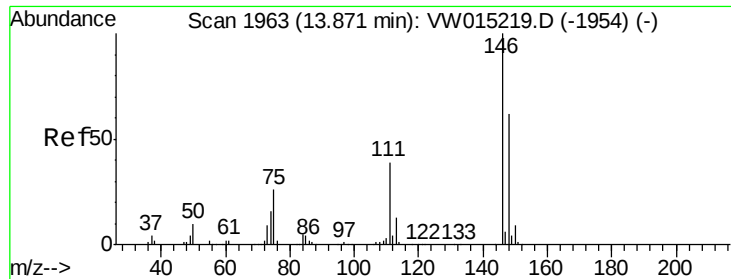
Tgt Ion: 117 Resp: 112893

Ion Ratio Lower Upper

117 100

201 86.4 33.6 100.6

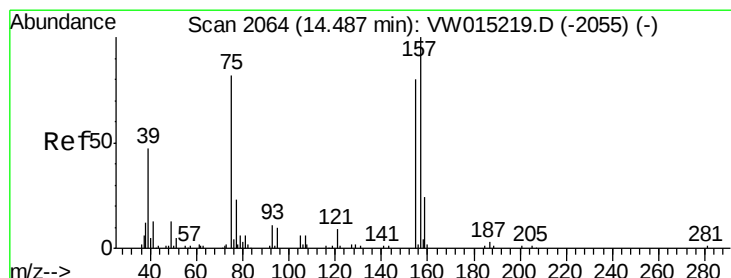
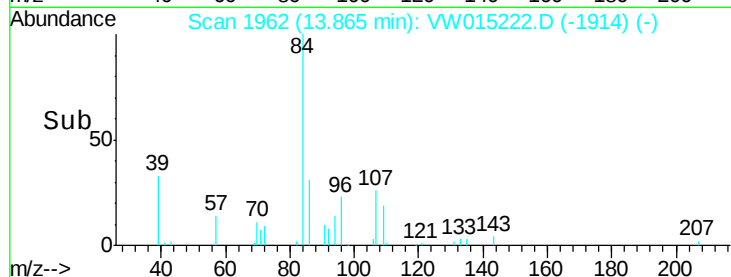
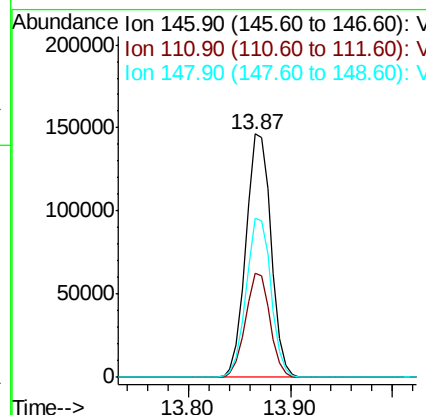
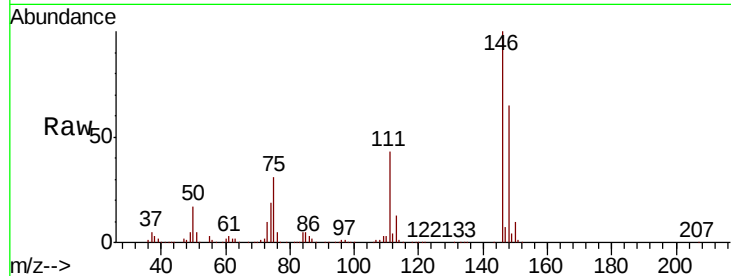




#91
 1,2-Dichlorobenzene
 Concen: 48.662 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

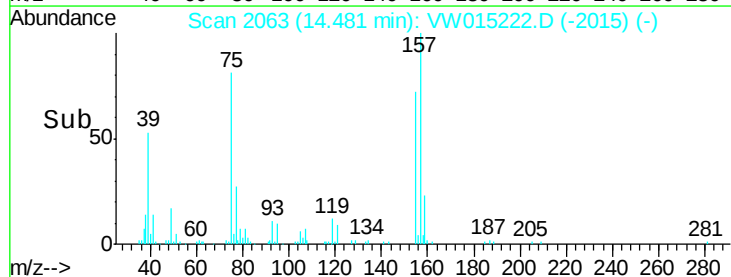
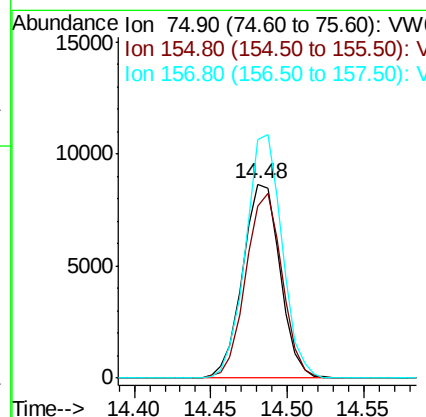
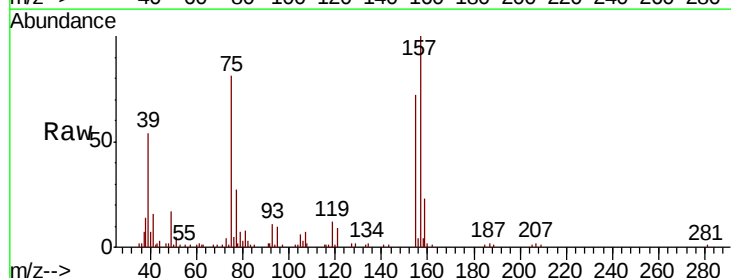
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW042020

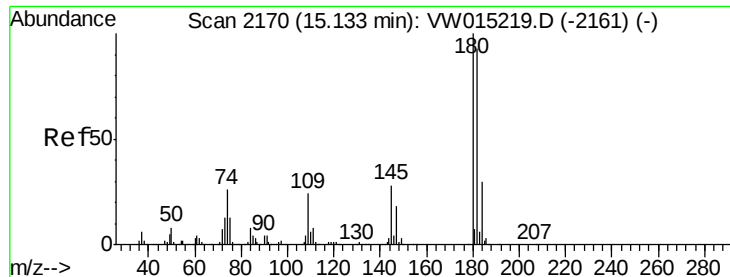
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.6	65.0
148	64.5	31.0	93.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.383 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	41.6	124.9
157	122.1	53.8	161.2

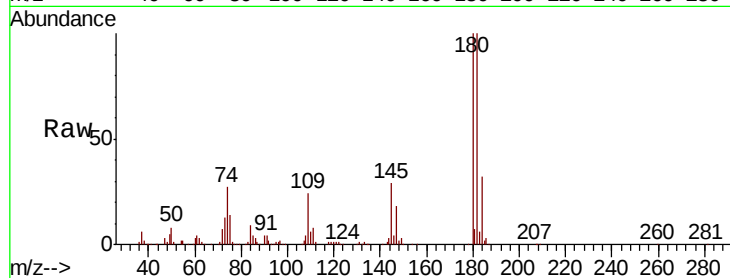




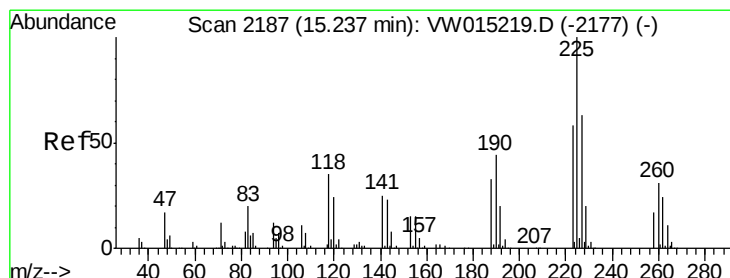
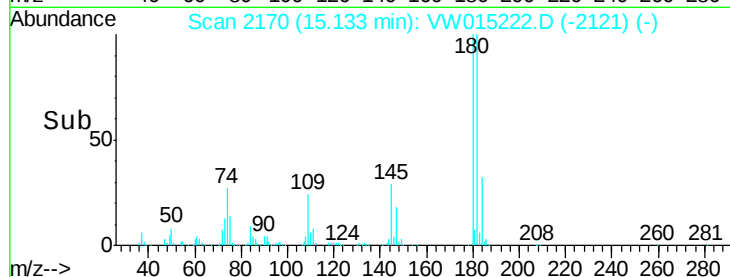
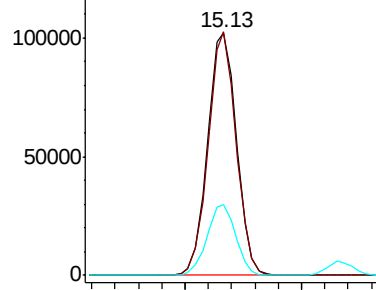
#93
 1,2,4-Trichlorobenzene
 Concen: 49.368 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW042020

Tot Ion:180 Resp: 176215
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.1 141.4
 145 29.0 16.2 48.6

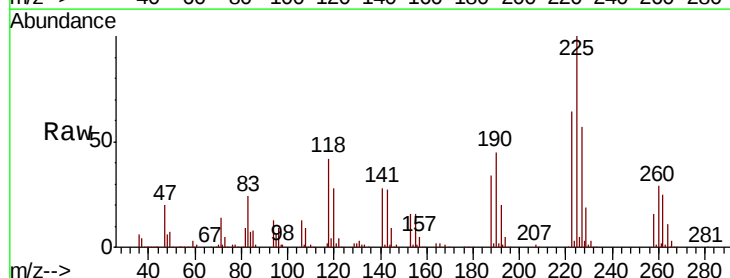


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

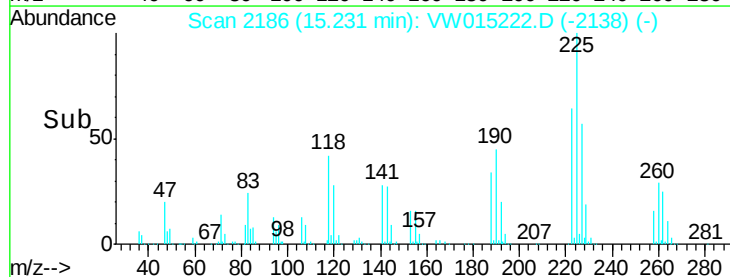
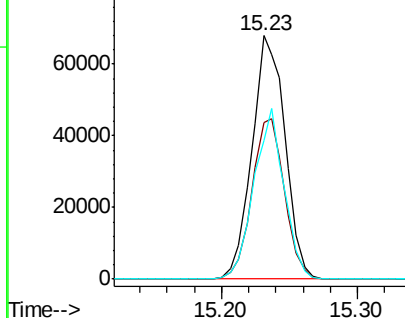


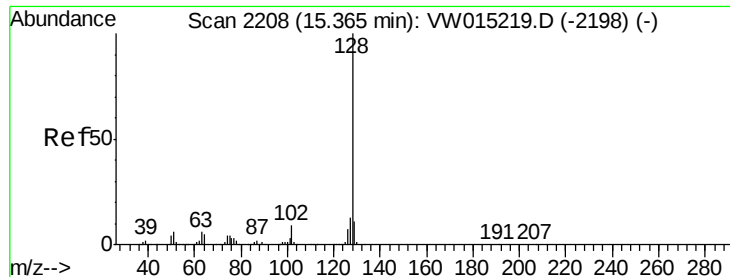
#94
 Hexachlorobutadiene
 Concen: 48.656 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015222.D
 Acq: 20 Apr 2020 14:33

Tgt Ion:225 Resp: 115788
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.0 93.0
 227 63.8 30.8 92.3



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: 49.165 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

Instrument :

MSVOA_W

ClientSampleId :

ICVW042020

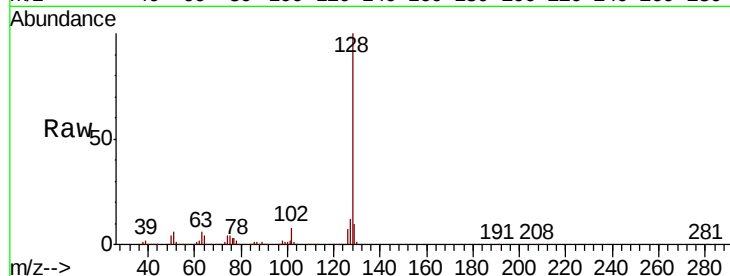
Tot Ion:128 Resp: 282293

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.7 8.6 12.8

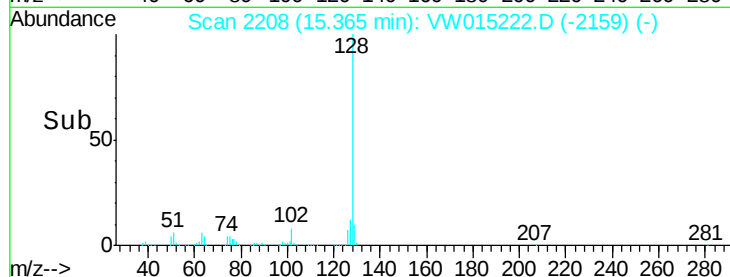


Abundance Ion 128.00 (127.70 to 128.70): V

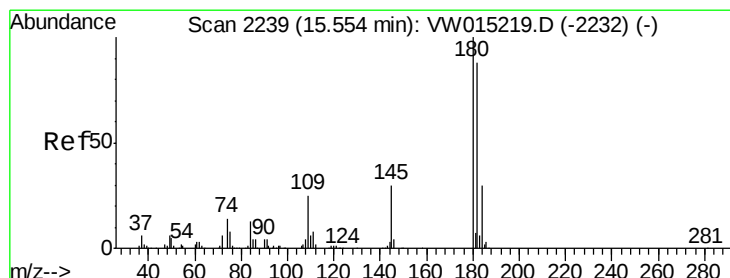
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.36



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 49.924 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW015222.D

Acq: 20 Apr 2020 14:33

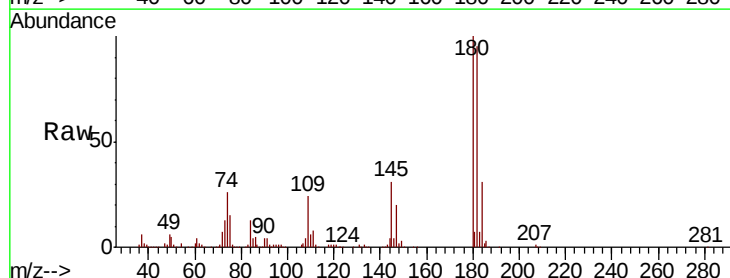
Tgt Ion:180 Resp: 144987

Ion Ratio Lower Upper

180 100

182 96.1 48.8 146.3

145 31.7 17.2 51.6

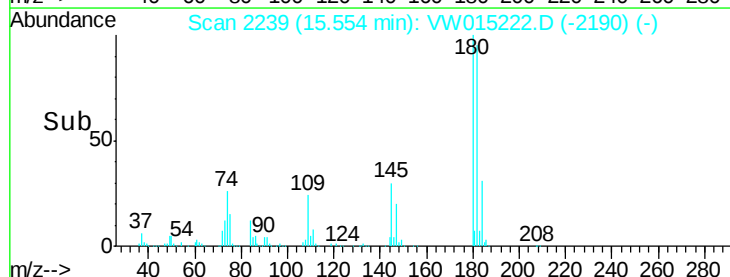


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.55



Time-->