

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015658.D
 Acq On : 23 Jun 2020 13:29
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

Quant Time: Jun 24 03:03:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124608	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.88	113	110677	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.32	98	447954	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.62	95	165130	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	77336	54.492	ug/l	99
3) Chloromethane	2.21	50	80106	48.068	ug/l	98
4) Vinyl Chloride	2.37	62	132748	49.272	ug/l	100
5) Bromomethane	2.78	94	90780	45.844	ug/l	96
6) Chloroethane	2.93	64	84650	47.744	ug/l	99
7) Trichlorofluoromethane	3.26	101	96189	47.549	ug/l	97
8) Diethyl Ether	3.68	74	59622	51.033	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	114133	47.865	ug/l	99
10) Methyl Iodide	4.27	142	163169	48.395	ug/l	100
11) Tert butyl alcohol	5.18	59	42636	296.502	ug/l	98
12) 1,1-Dichloroethene	4.04	96	114082	49.135	ug/l	97
13) Acrolein	3.89	56	47172	256.413	ug/l	99
14) Allyl chloride	4.67	41	190609	50.602	ug/l	98
15) Acrylonitrile	5.37	53	120027	249.007	ug/l	99
16) Acetone	4.12	43	142972	283.986	ug/l	99
17) Carbon Disulfide	4.38	76	338939	50.721	ug/l	100
18) Methyl Acetate	4.67	43	53359	51.351	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	174059	49.813	ug/l	99
20) Methylene Chloride	4.92	84	123757	50.498	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	129645	48.703	ug/l	98
22) Diisopropyl ether	6.31	45	368615	49.202	ug/l	98
23) Vinyl Acetate	6.26	43	1130311	258.714	ug/l	100
24) 1,1-Dichloroethane	6.21	63	226134	47.951	ug/l	99
25) 2-Butanone	7.17	43	172132	252.977	ug/l	99
26) 2,2-Dichloropropane	7.17	77	147989	46.787	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	138747	48.452	ug/l	99
28) Bromochloromethane	7.51	49	87510	48.240	ug/l	99
29) Tetrahydrofuran	7.53	42	102400	256.099	ug/l	99
30) Chloroform	7.68	83	227392	47.015	ug/l	99
31) Cyclohexane	7.96	56	213035	46.699	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	197288	47.853	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190616	49.579	ug/l	100
37) Ethyl Acetate	7.26	43	74437	50.707	ug/l	99
38) Carbon Tetrachloride	8.07	117	183320	49.189	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	235782	50.632	ug/l	99
40) Benzene	8.32	78	512996	49.072	ug/l	100
41) Methacrylonitrile	7.48	41	44924	53.322	ug/l	93
42) 1,2-Dichloroethane	8.40	62	156547	48.405	ug/l	99
43) Isopropyl Acetate	8.43	43	149749	51.118	ug/l	99
44) Trichloroethene	9.09	130	137468	48.787	ug/l	98
45) 1,2-Dichloropropane	9.37	63	123969	48.515	ug/l	98
46) Dibromomethane	9.46	93	64100	48.484	ug/l	99
47) Bromodichloromethane	9.65	83	169081	49.029	ug/l	100
48) Methyl methacrylate	9.44	41	70313	52.499	ug/l	99
49) 1,4-Dioxane	9.45	88	17861	1029.834	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	365765	258.904	ug/l	100
52) Toluene	10.39	92	331424	49.098	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	170441	51.160	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	201293	50.577	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	89496	48.687	ug/l	96
56) Ethyl methacrylate	10.65	69	121723	53.220	ug/l	97
57) 1,3-Dichloropropane	10.93	76	160311	49.193	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	283457	261.892	ug/l	99
59) 2-Hexanone	10.97	43	256077	266.251	ug/l	99
60) Dibromochloromethane	11.13	129	108647	50.720	ug/l	98
61) 1,2-Dibromoethane	11.24	107	86296	49.114	ug/l	98
64) Tetrachloroethene	10.87	164	114719	48.745	ug/l	98
65) Chlorobenzene	11.66	112	343985	48.702	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	122696	49.544	ug/l	99
67) Ethyl Benzene	11.73	91	655680	49.881	ug/l	98
68) m/p-Xylenes	11.84	106	497882	100.870	ug/l	100
69) o-Xylene	12.17	106	228930	50.444	ug/l	99
70) Styrene	12.18	104	395974	51.068	ug/l	100
71) Bromoform	12.35	173	58999	51.778	ug/l #	99
73) Isopropylbenzene	12.47	105	651782	51.176	ug/l	99
74) N-amyl acetate	12.27	43	143211	53.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	102717	50.413	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	137091	90.020	ug/l	26
77) Bromobenzene	12.75	156	142089	50.033	ug/l	99
78) n-propylbenzene	12.80	91	773739	50.472	ug/l	99
79) 2-Chlorotoluene	12.90	91	435763	50.484	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	540948	50.126	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33577	55.562	ug/l	99
82) 4-Chlorotoluene	12.99	91	452394	49.540	ug/l	98
83) tert-Butylbenzene	13.21	119	456694	50.086	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	536092	49.813	ug/l	100
85) sec-Butylbenzene	13.38	105	653491	50.147	ug/l	99
86) p-Isopropyltoluene	13.50	119	597026	50.424	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	279431	49.566	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	272994	48.893	ug/l	97
89) n-Butylbenzene	13.82	91	573673	50.473	ug/l	100
90) Hexachloroethane	14.10	117	106830	50.701	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	237830	48.791	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17238	52.835	ug/l	98

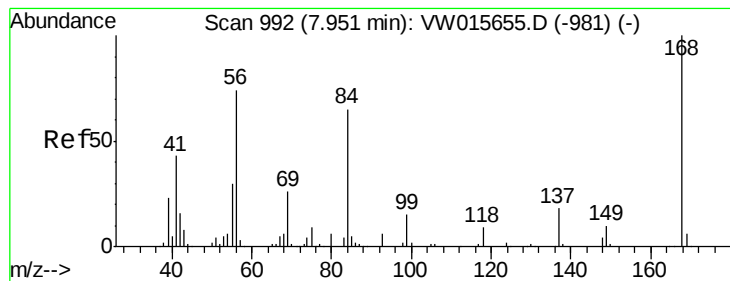
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062320\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	162651	50.530	ug/l	100
94) Hexachlorobutadiene	15.24	225	98406	47.988	ug/l	99
95) Naphthalene	15.37	128	282976	53.152	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	135623	48.937	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: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

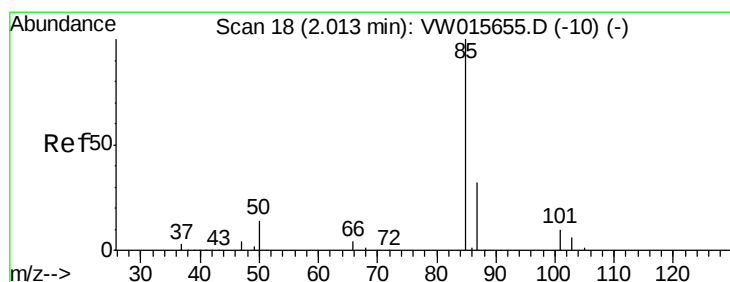
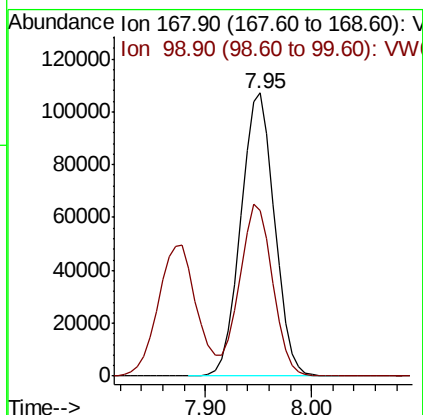
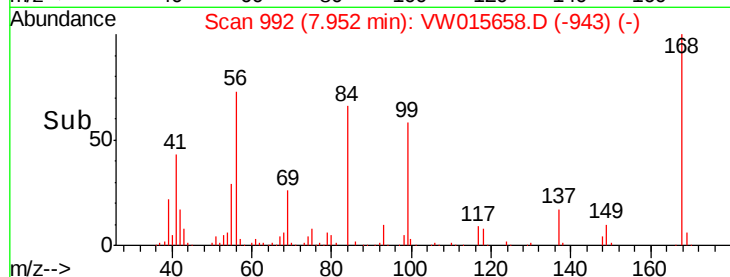
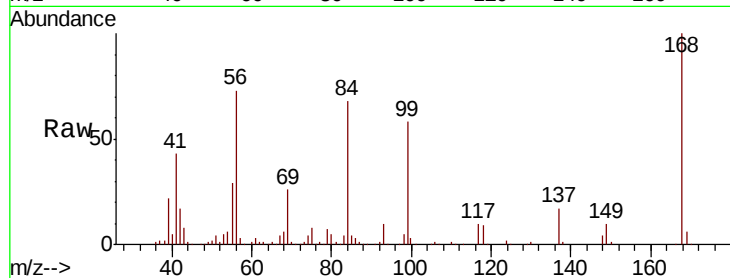
ICVW062320

Tot Ion:168 Resp: 238019

Ion Ratio Lower Upper

168 100

99 58.4 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 54.492 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015658.D

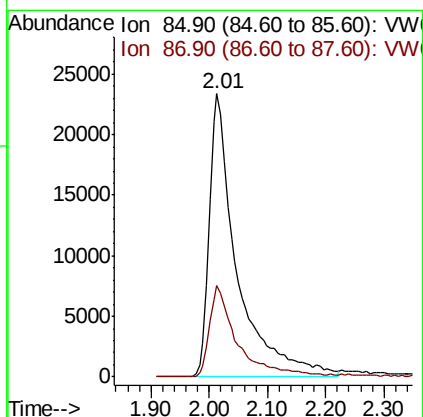
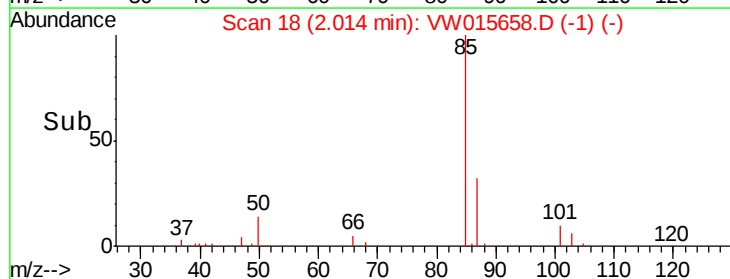
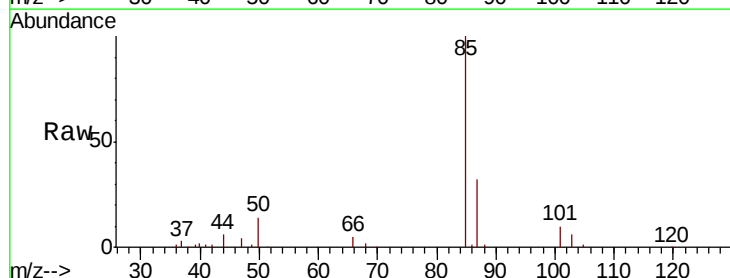
Acq: 23 Jun 2020 13:29

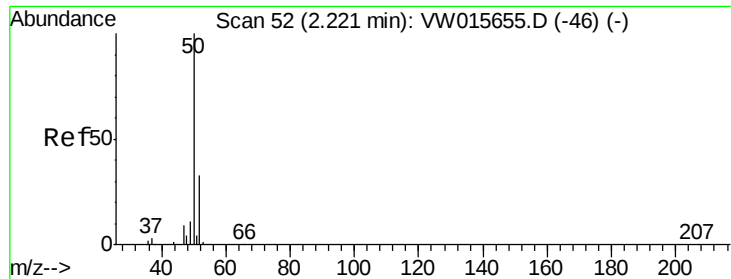
Tgt Ion: 85 Resp: 77336

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6





#3

Chloromethane

Concen: 48.068 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

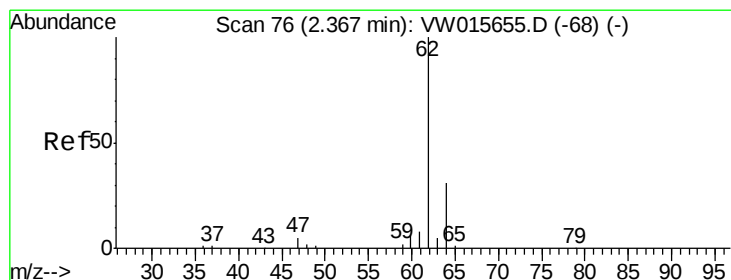
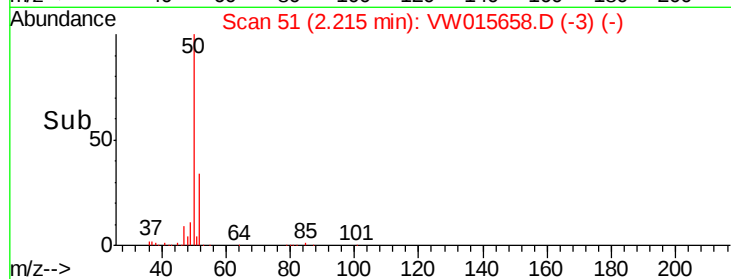
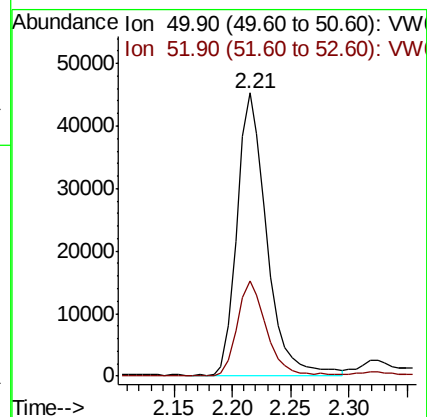
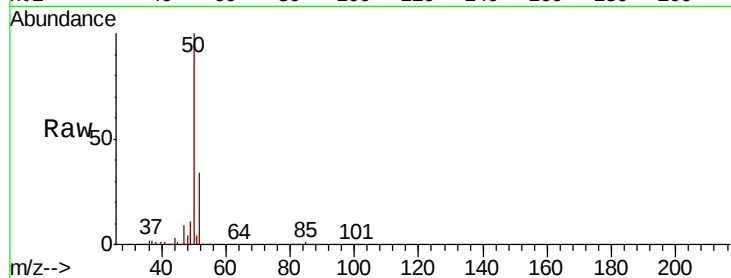
ICVW062320

Tot Ion: 50 Resp: 80106

Ion Ratio Lower Upper

50 100

52 33.6 26.0 39.0



#4

Vinyl Chloride

Concen: 49.272 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015658.D

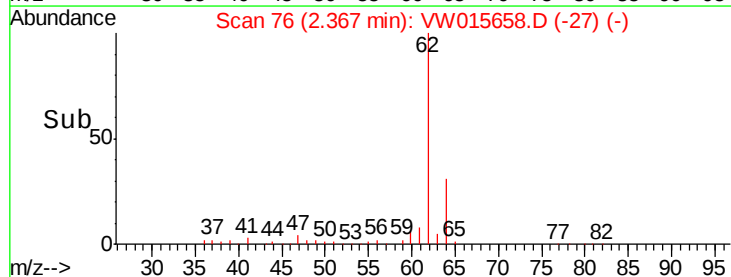
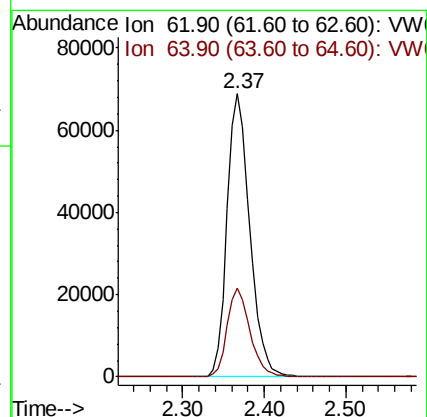
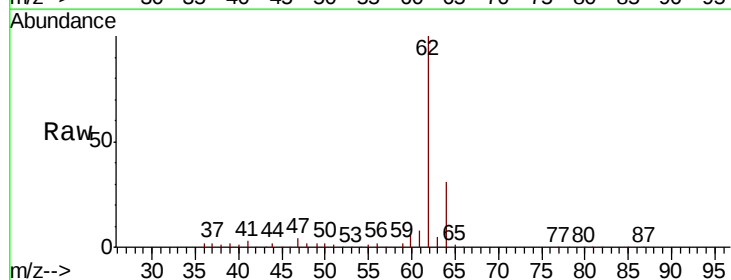
Acq: 23 Jun 2020 13:29

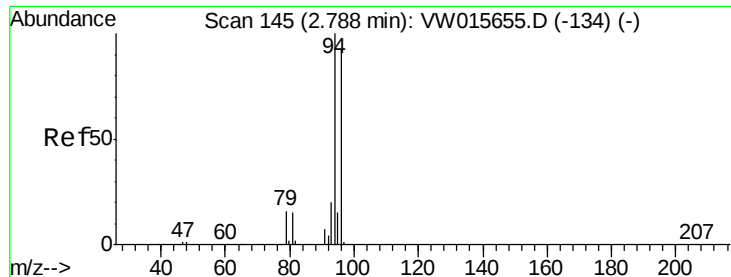
Tgt Ion: 62 Resp: 132748

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 45.844 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

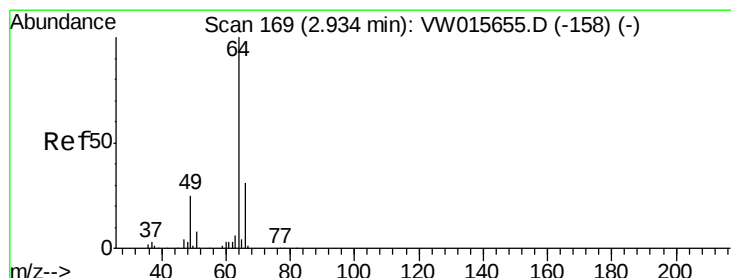
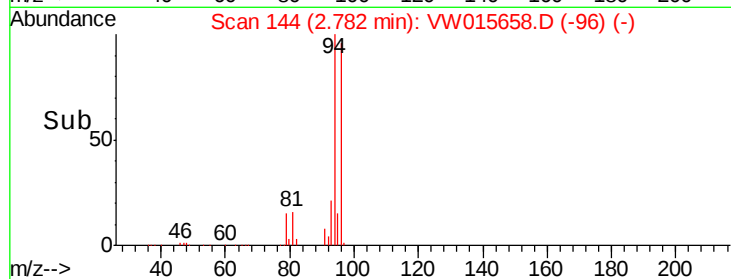
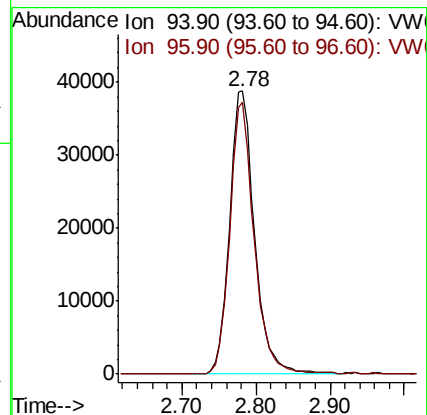
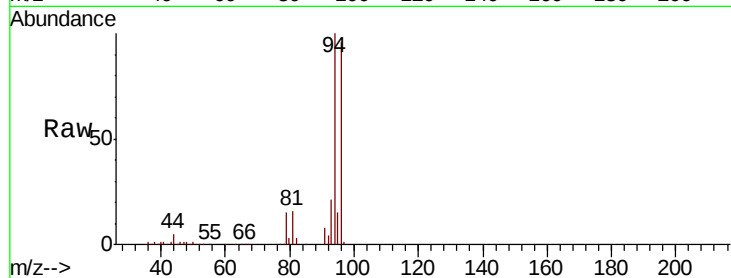
ICVW062320

Tot Ion: 94 Resp: 90780

Ion Ratio Lower Upper

94 100

96 95.9 73.8 110.6



#6

Chloroethane

Concen: 47.744 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015658.D

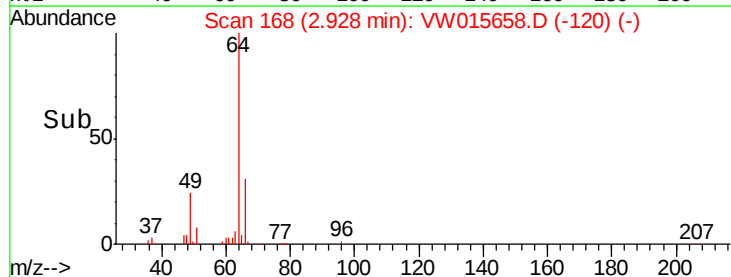
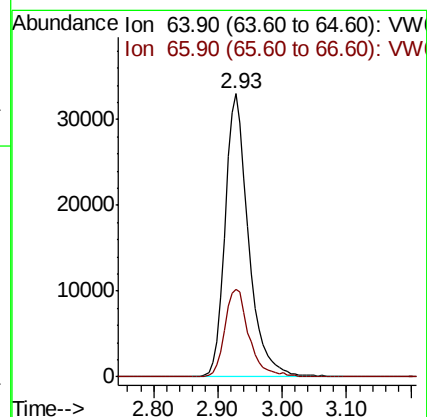
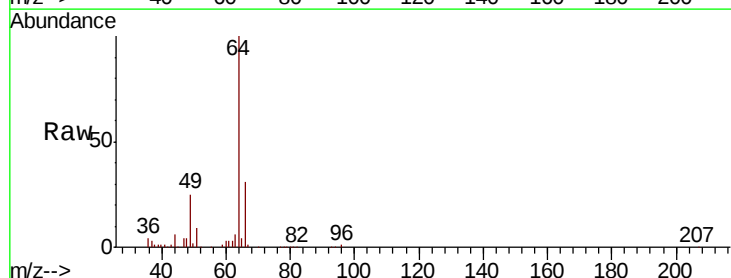
Acq: 23 Jun 2020 13:29

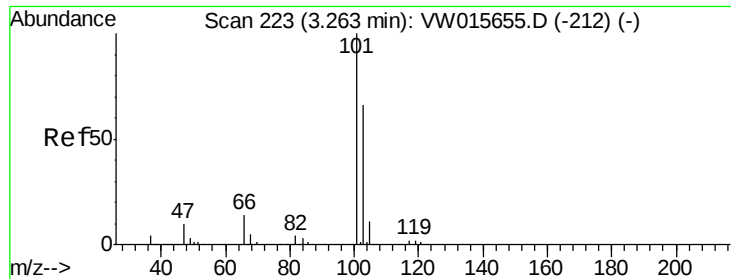
Tgt Ion: 64 Resp: 84650

Ion Ratio Lower Upper

64 100

66 31.1 25.3 37.9



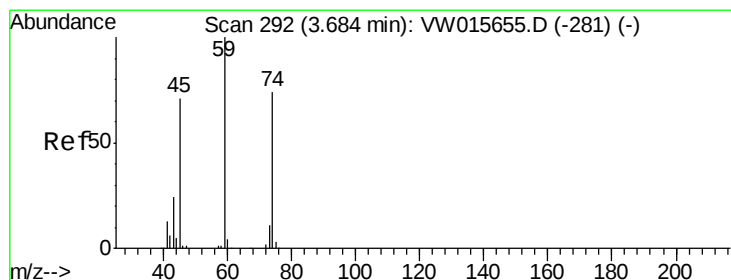
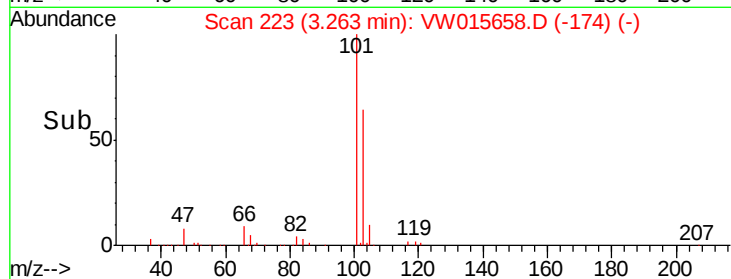
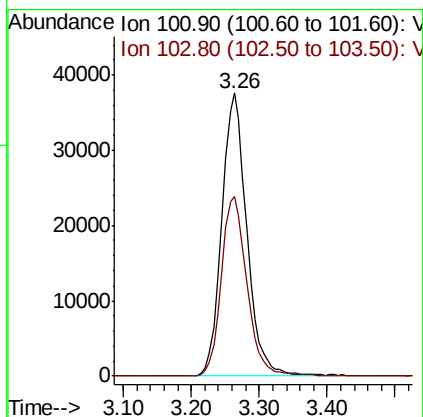
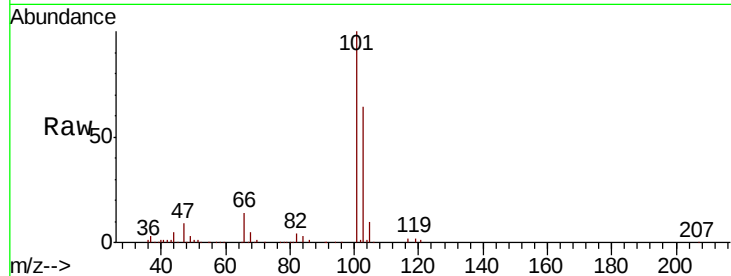


#7

Trichlorofluoromethane
 Concen: 47.549 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Instrument :
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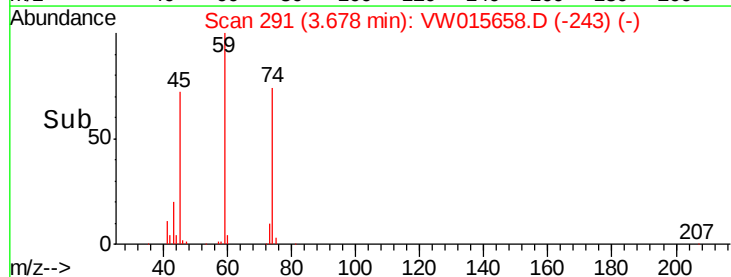
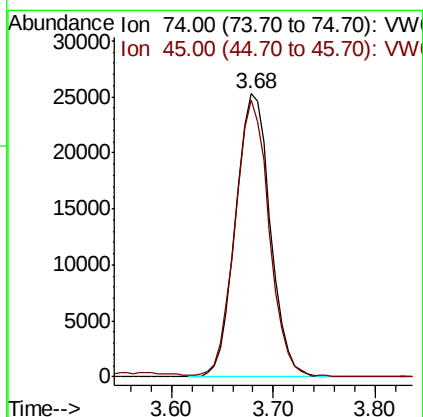
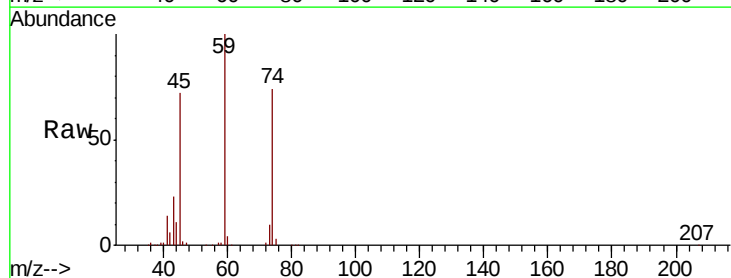
Tot Ion:101 Resp: 96189
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.6 78.8

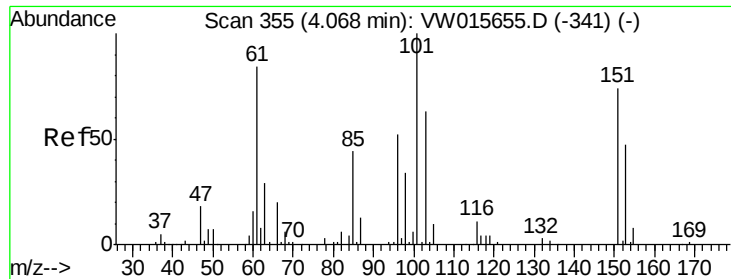


#8

Diethyl Ether
 Concen: 51.033 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion: 74 Resp: 59622
 Ion Ratio Lower Upper
 74 100
 45 96.3 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.865 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

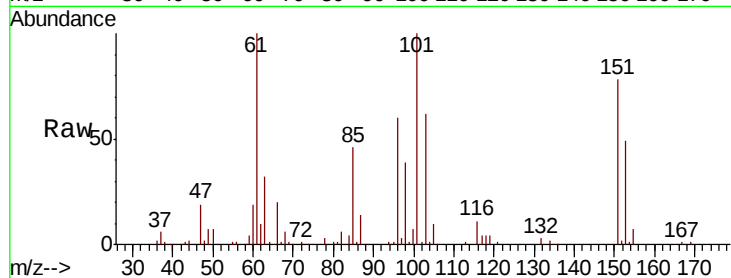
Tot Ion:101 Resp: 114133

Ion Ratio Lower Upper

101 100

85 45.6 36.6 55.0

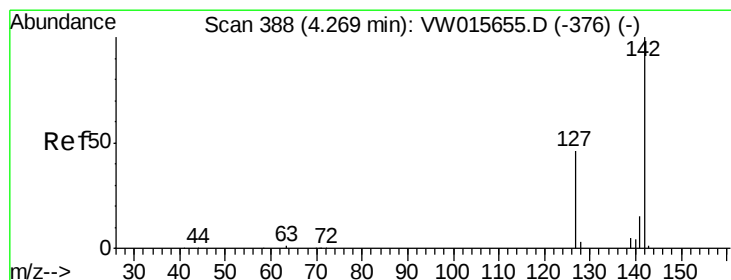
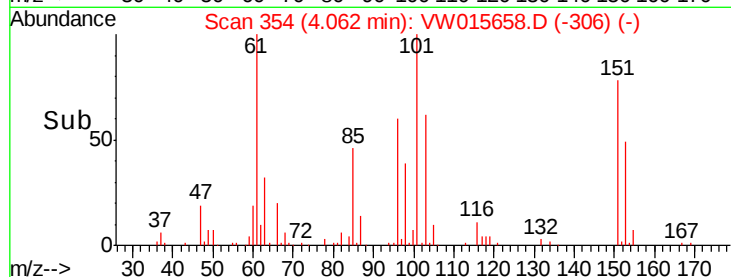
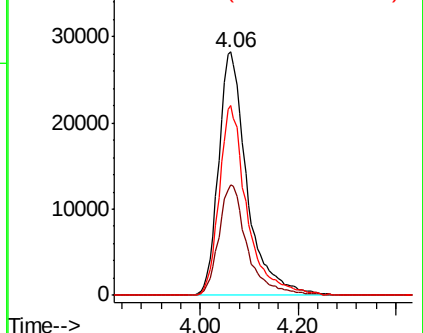
151 76.0 60.4 90.6



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: 48.395 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

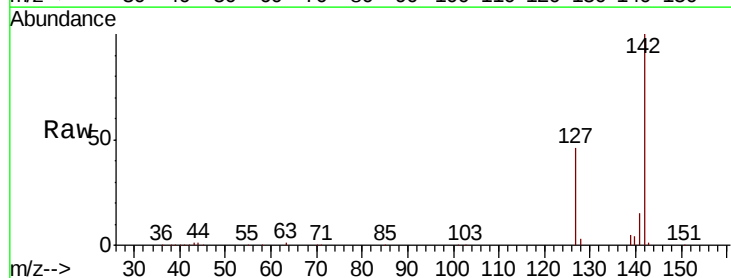
Tgt Ion:142 Resp: 163169

Ion Ratio Lower Upper

142 100

127 45.3 36.4 54.6

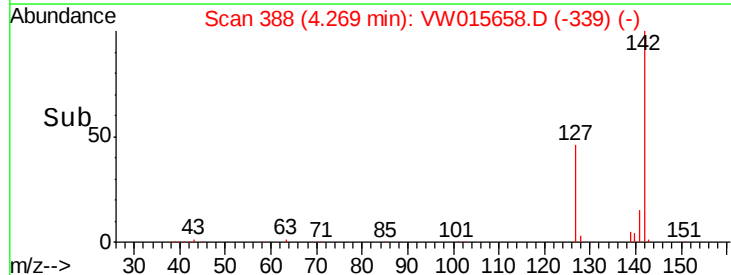
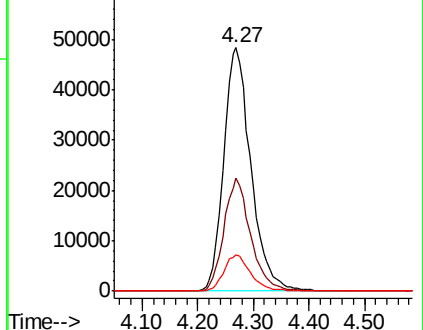
141 14.7 11.6 17.4

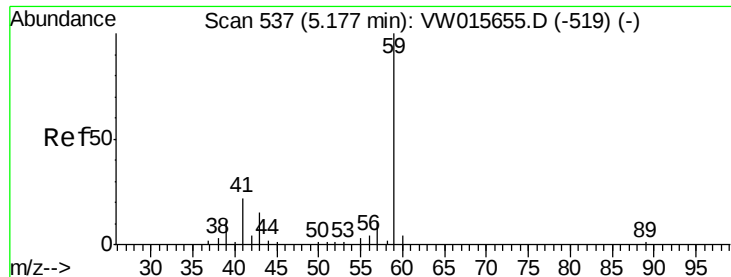


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



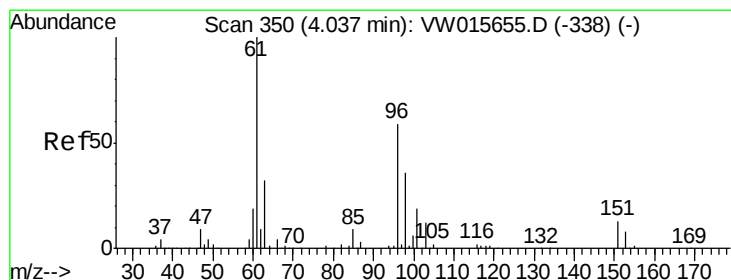
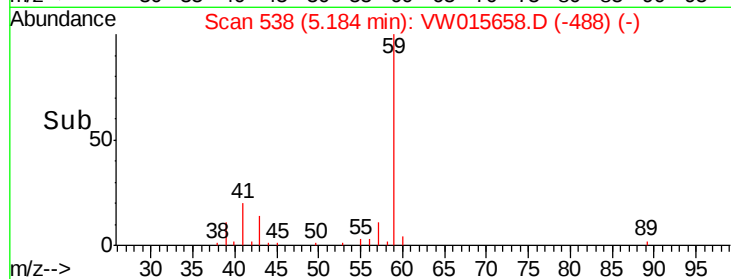
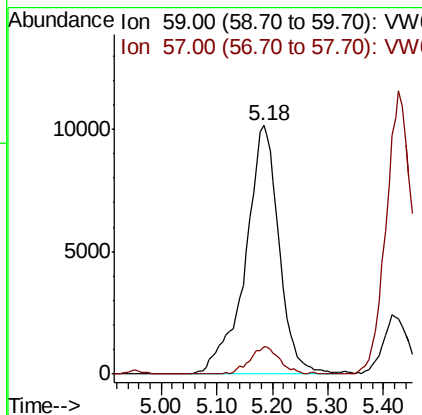
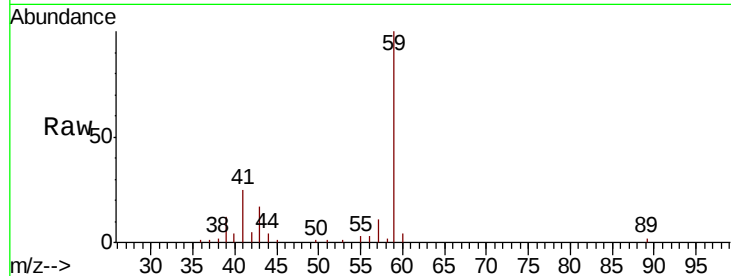


#11

Tert butyl alcohol
 Concen: 296.502 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Instrument :
 MSVOA_W
 ClientSampled :
 ICVW062320

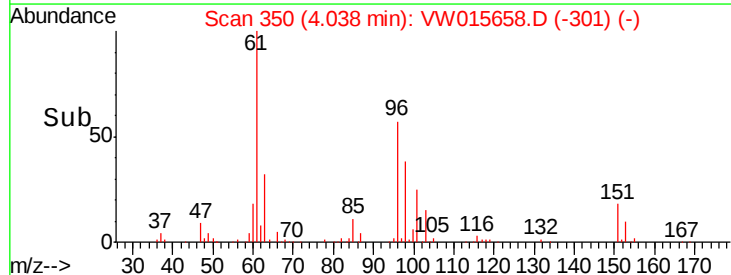
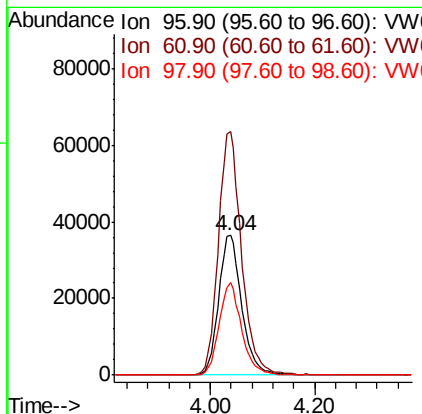
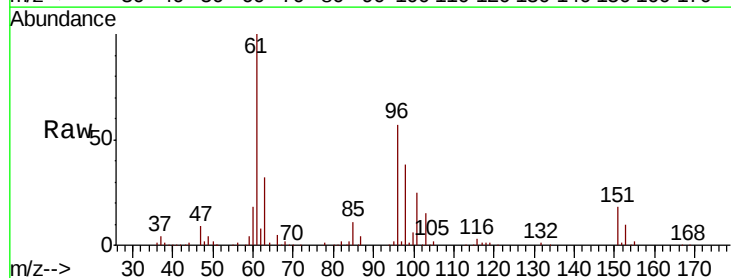
Tot Ion: 59 Resp: 42636
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.4 12.6

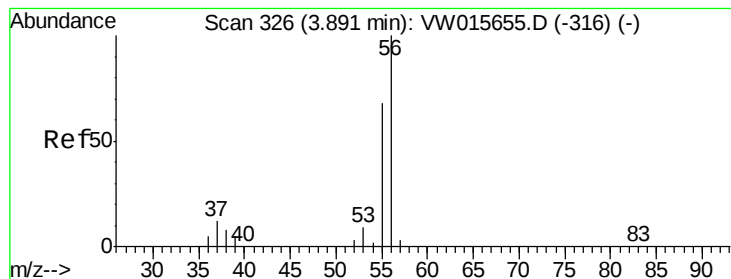


#12

1,1-Dichloroethene
 Concen: 49.135 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion: 96 Resp: 114082
 Ion Ratio Lower Upper
 96 100
 61 174.4 136.7 205.1
 98 66.0 49.2 73.8





#13

Acrolein

Concen: 256.413 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

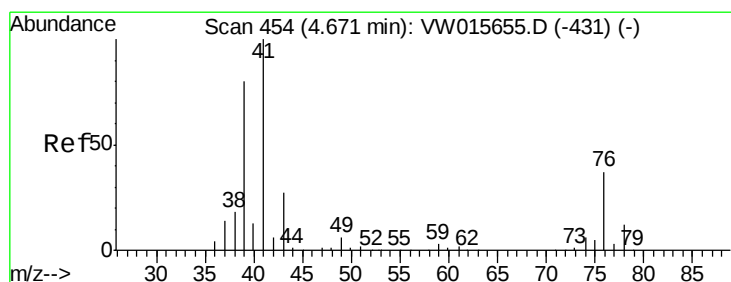
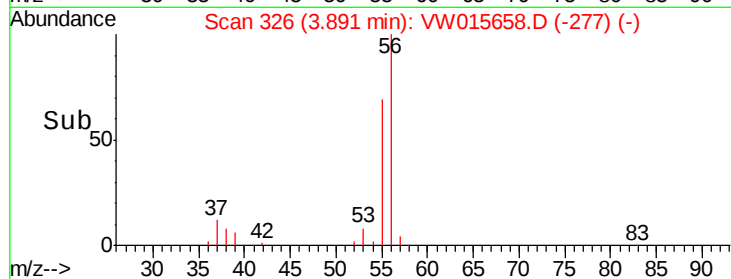
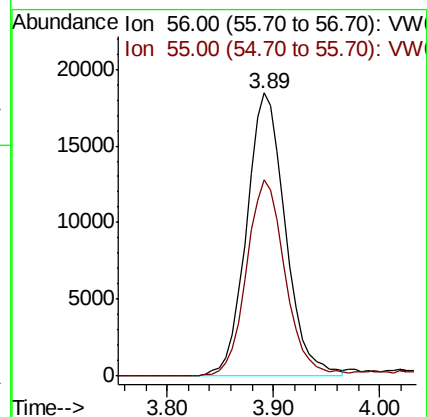
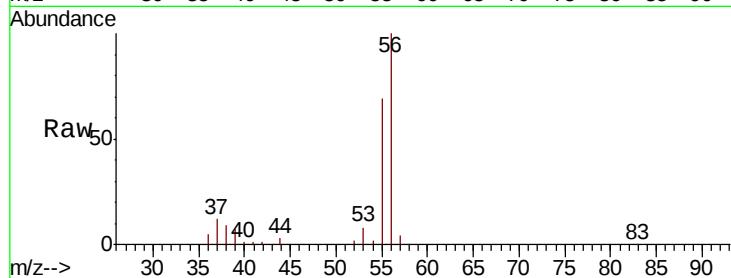
ICVW062320

Tot Ion: 56 Resp: 47172

Ion Ratio Lower Upper

56 100

55 69.3 56.2 84.2



#14

Allyl chloride

Concen: 50.602 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

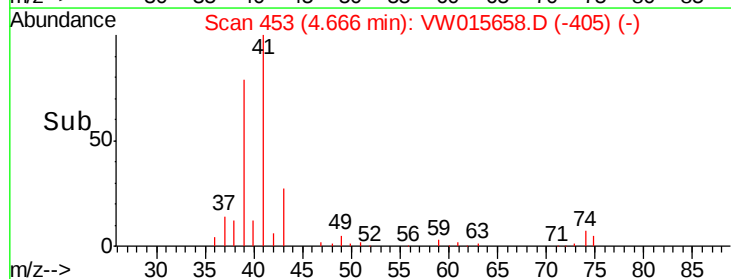
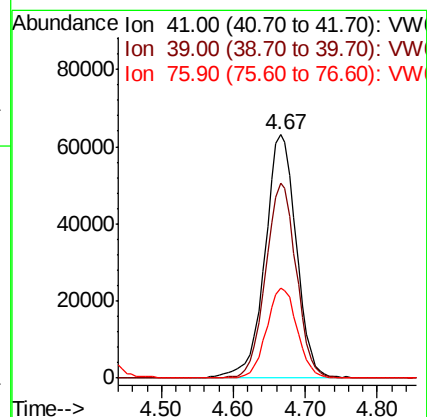
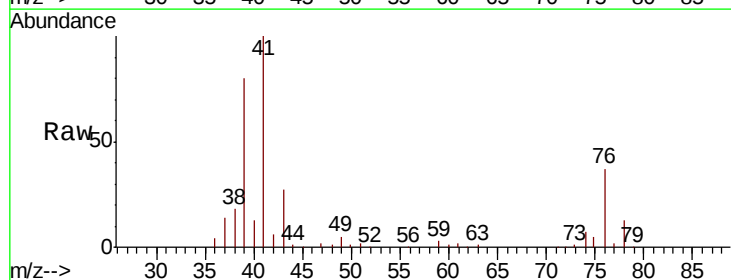
Tgt Ion: 41 Resp: 190609

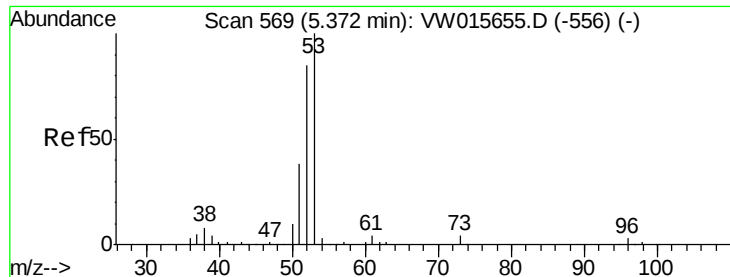
Ion Ratio Lower Upper

41 100

39 78.5 64.6 97.0

76 36.1 29.1 43.7





#15

Acrylonitrile

Concen: 249.007 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

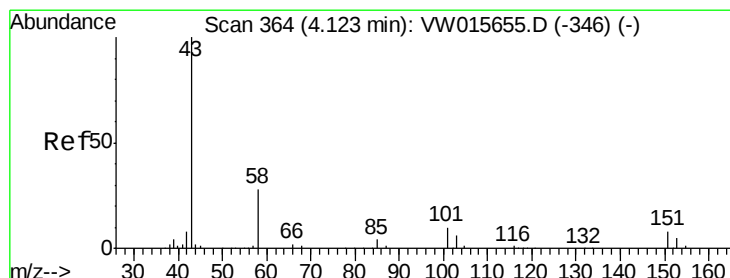
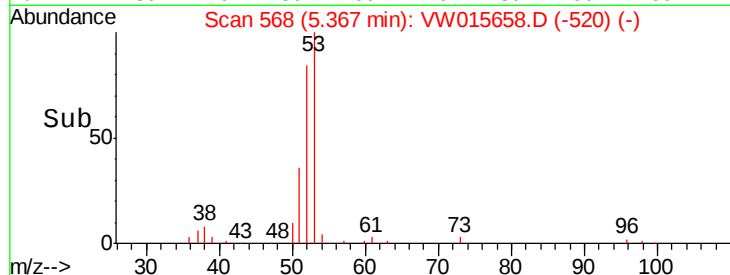
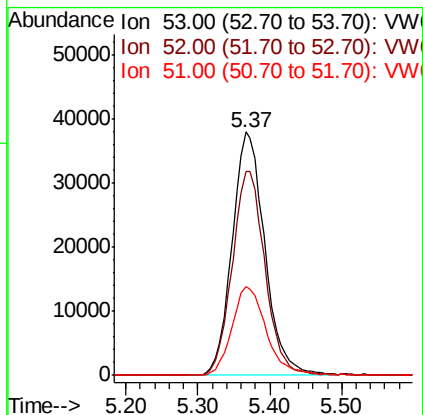
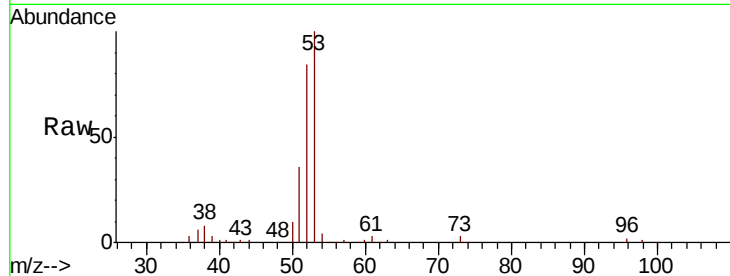
Tot Ion: 53 Resp: 120027

Ion Ratio Lower Upper

53 100

52 83.9 65.8 98.6

51 38.4 30.7 46.1



#16

Acetone

Concen: 283.986 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015658.D

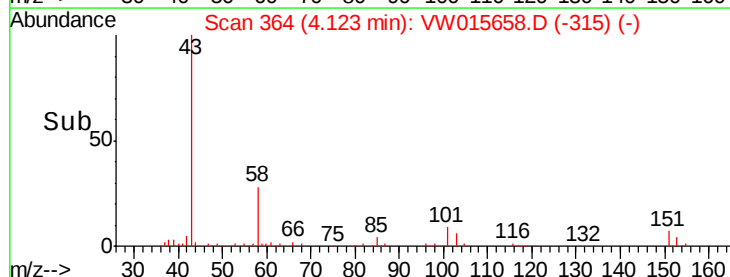
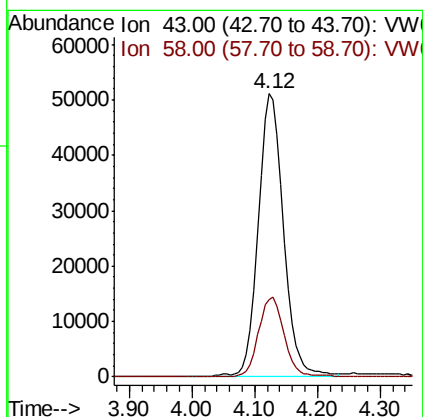
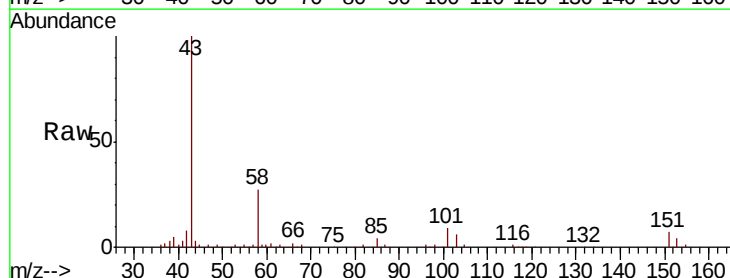
Acq: 23 Jun 2020 13:29

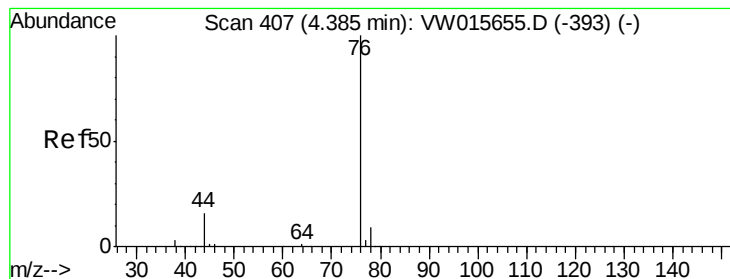
Tgt Ion: 43 Resp: 142972

Ion Ratio Lower Upper

43 100

58 27.5 22.6 33.8





#17

Carbon Disulfide

Concen: 50.721 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

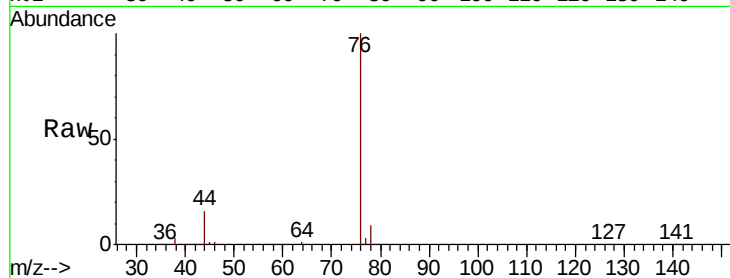
ICVW062320

Tot Ion: 76 Resp: 338939

Ion Ratio Lower Upper

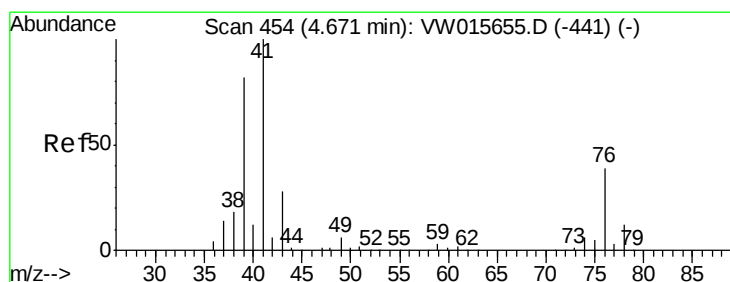
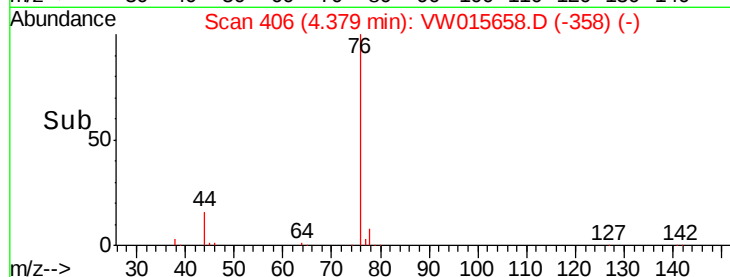
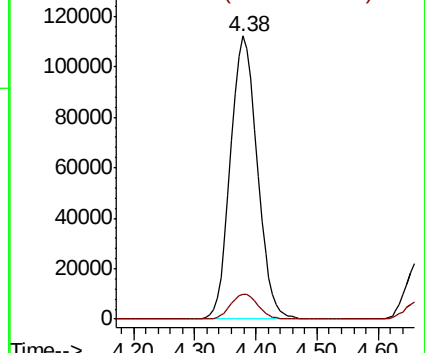
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 51.351 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015658.D

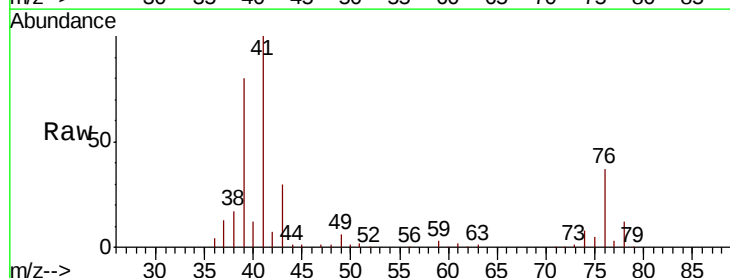
Acq: 23 Jun 2020 13:29

Tgt Ion: 43 Resp: 53359

Ion Ratio Lower Upper

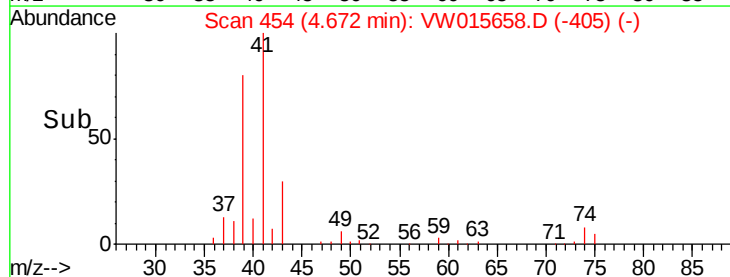
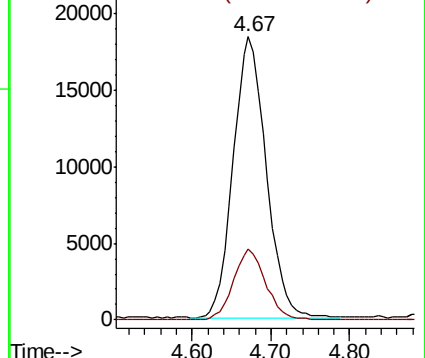
43 100

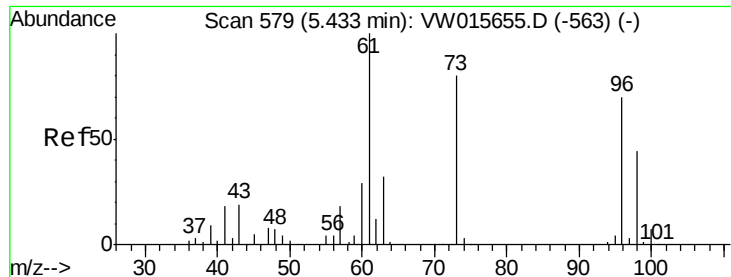
74 24.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

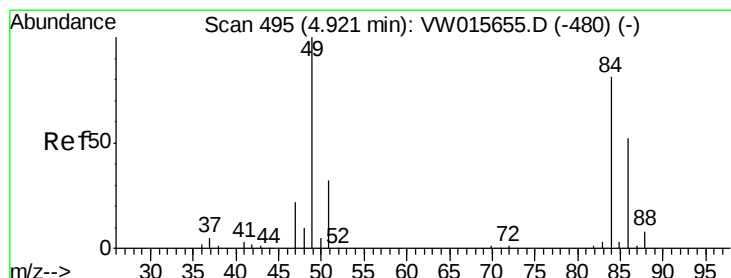
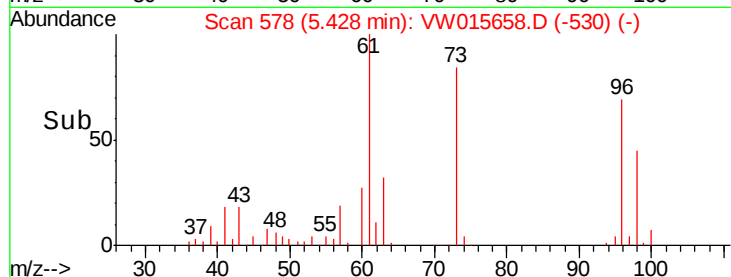
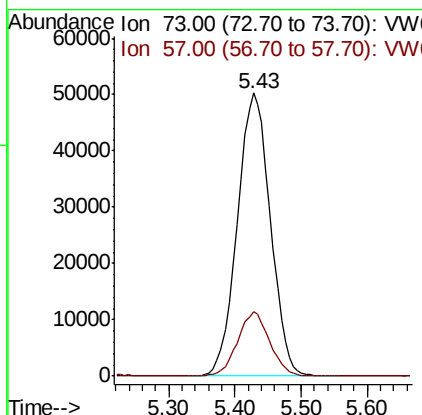
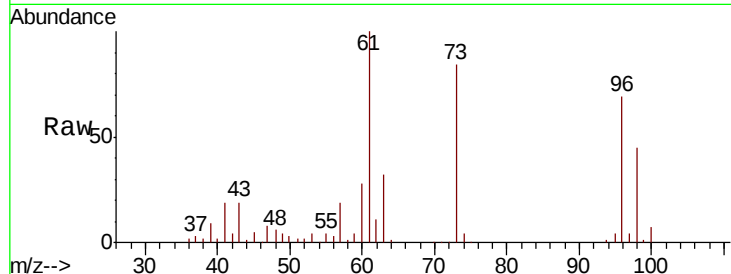




#19
Methyl tert-butyl Ether
Concen: 49.813 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

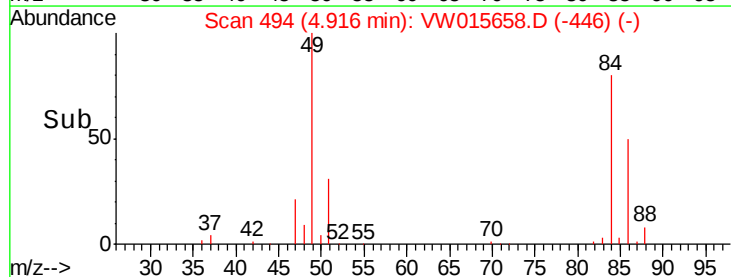
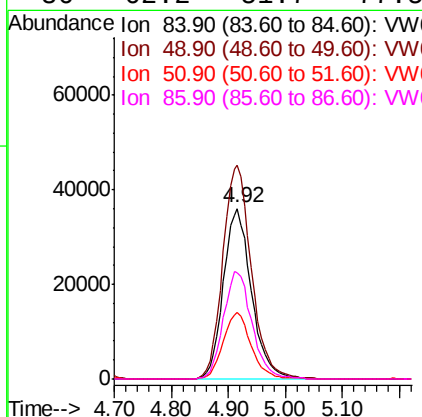
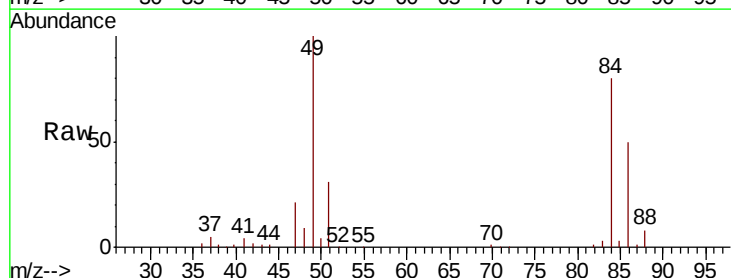
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

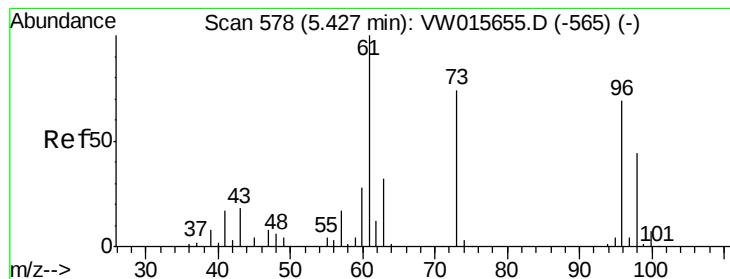
Tot Ion: 73 Resp: 174059
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1



#20
Methylene Chloride
Concen: 50.498 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 84 Resp: 123757
Ion Ratio Lower Upper
84 100
49 125.3 99.3 148.9
51 38.9 31.8 47.6
86 62.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.703 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

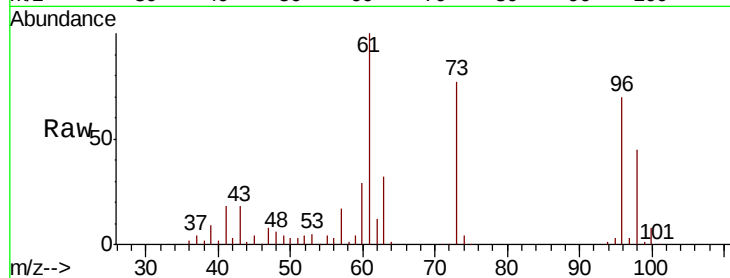
Tot Ion: 96 Resp: 129645

Ion Ratio Lower Upper

96 100

61 141.9 116.2 174.2

98 64.4 51.4 77.0

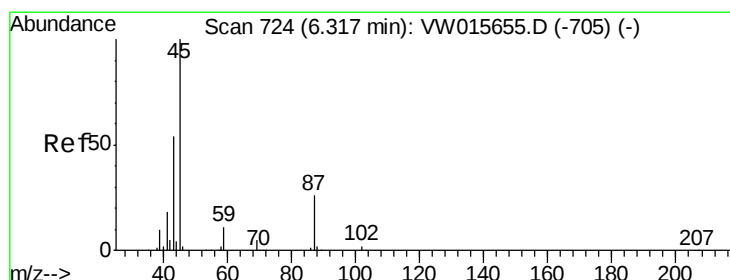
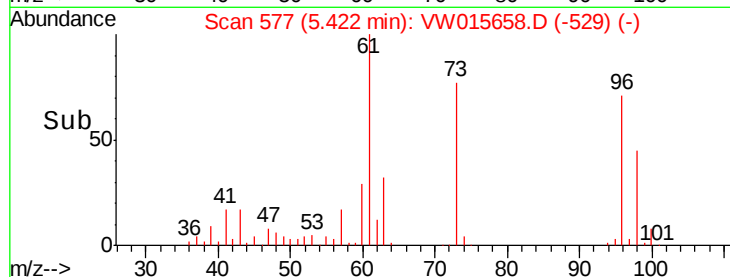
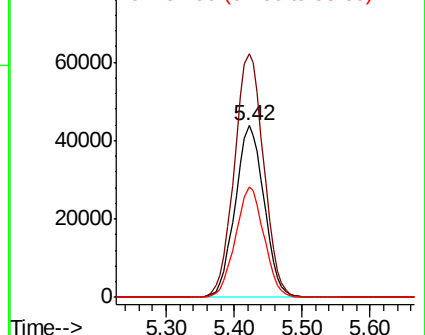


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 49.202 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Tgt Ion: 45 Resp: 368615

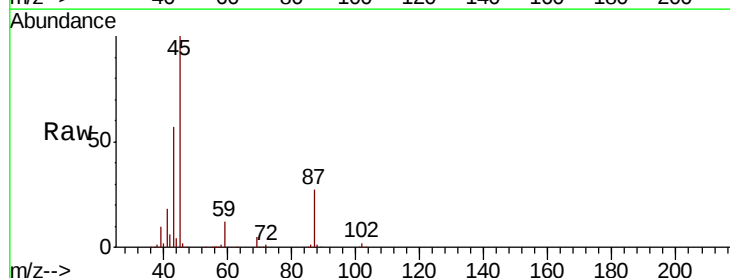
Ion Ratio Lower Upper

45 100

43 57.0 43.9 65.9

87 27.4 21.2 31.8

59 11.7 9.2 13.8



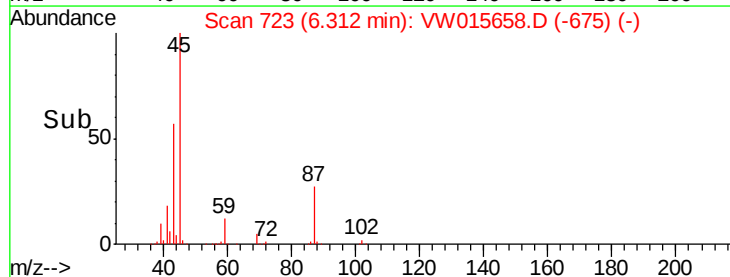
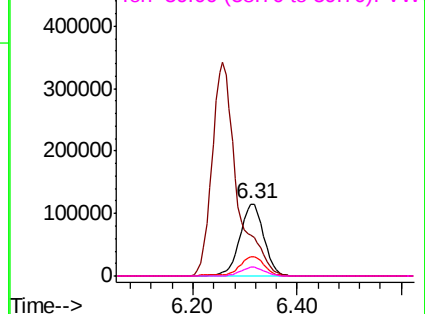
Abundance

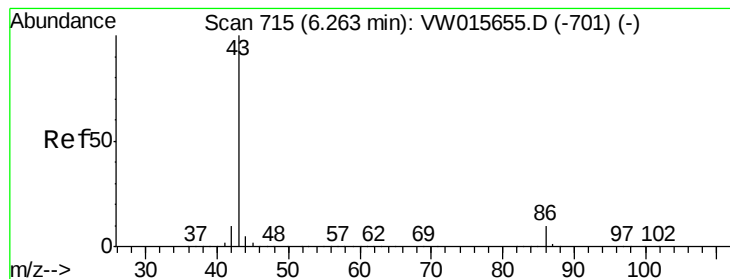
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 258.714 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

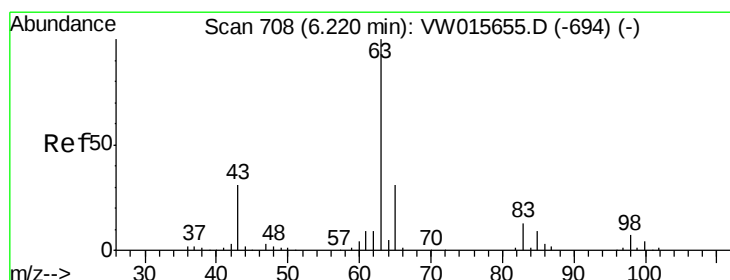
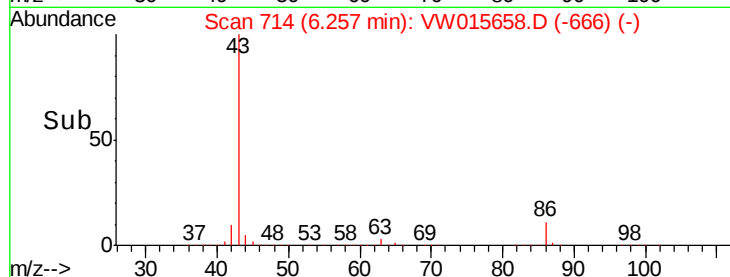
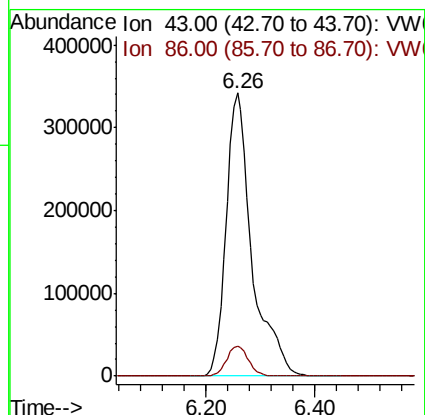
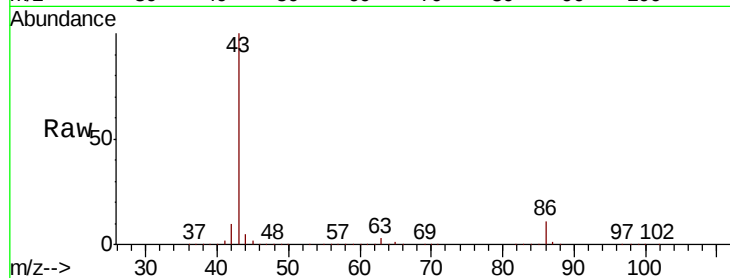
ICVW062320

Tot Ion: 43 Resp: 1130311

Ion Ratio Lower Upper

43 100

86 10.5 8.3 12.5



#24

1,1-Dichloroethane

Concen: 47.951 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

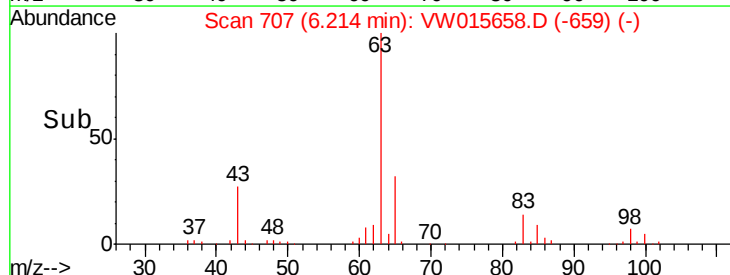
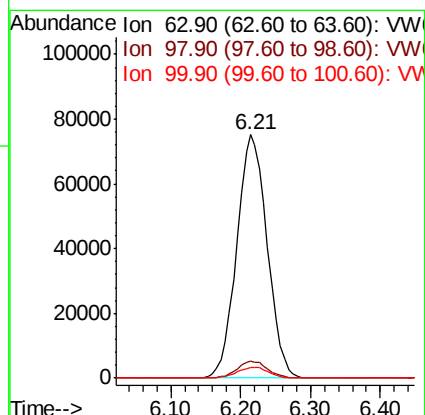
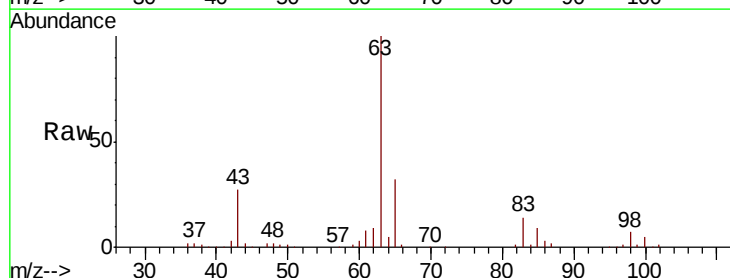
Tgt Ion: 63 Resp: 226134

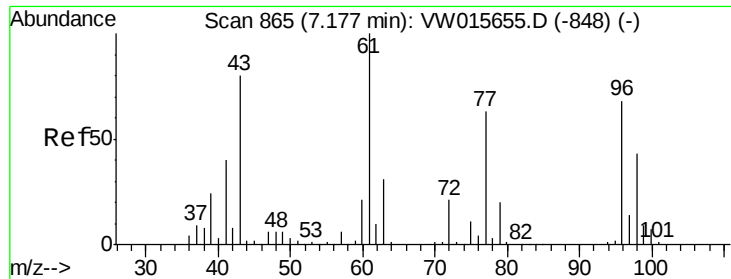
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.6 2.1 6.3

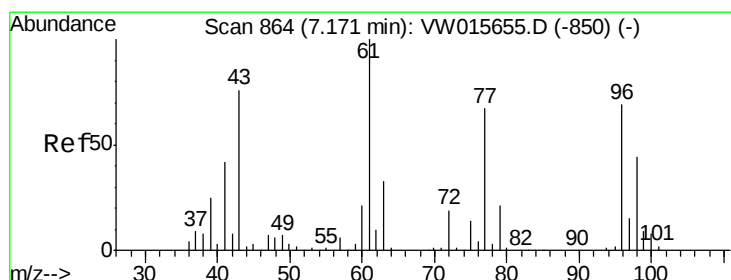
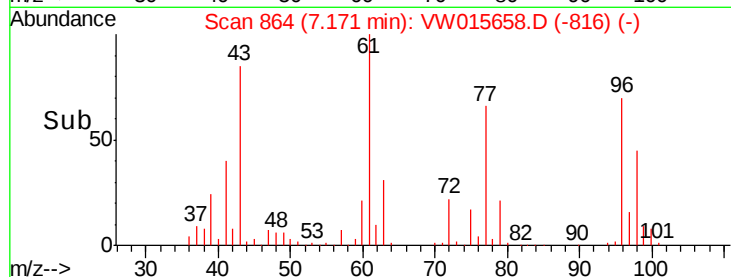
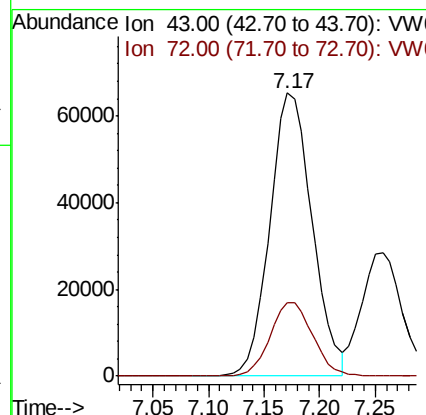
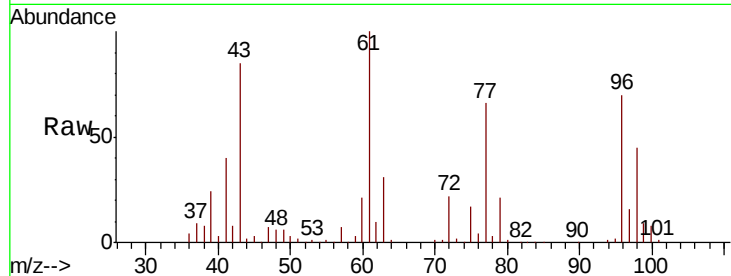




#25
2-Butanone
Concen: 252.977 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

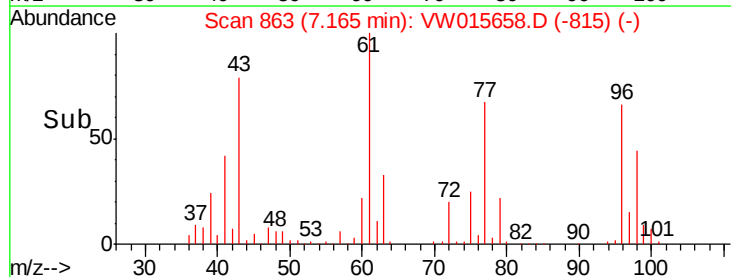
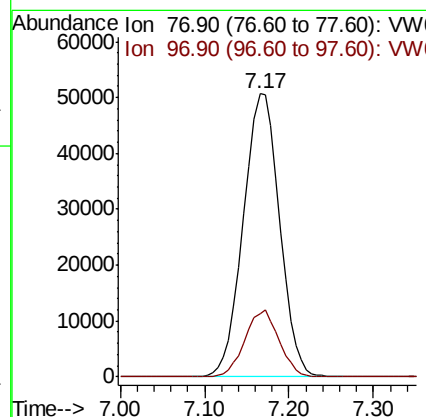
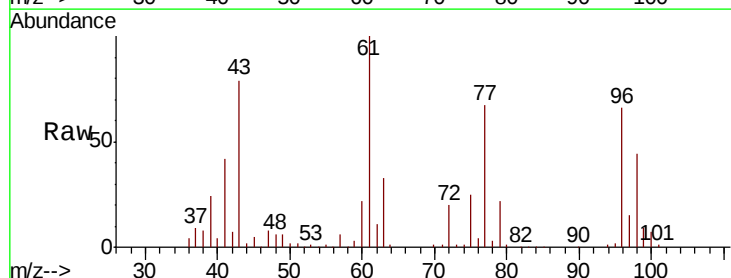
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

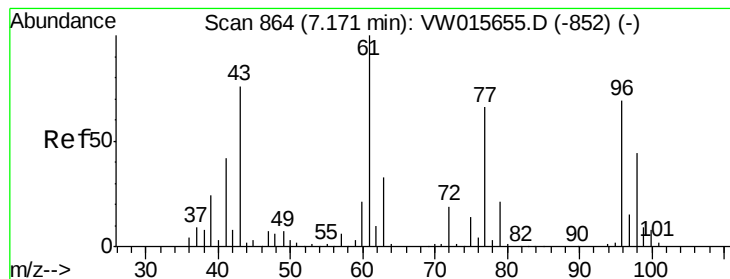
Tot Ion: 43 Resp: 172132
Ion Ratio Lower Upper
43 100
72 26.0 21.1 31.7



#26
2,2-Dichloropropane
Concen: 46.787 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 77 Resp: 147989
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.5



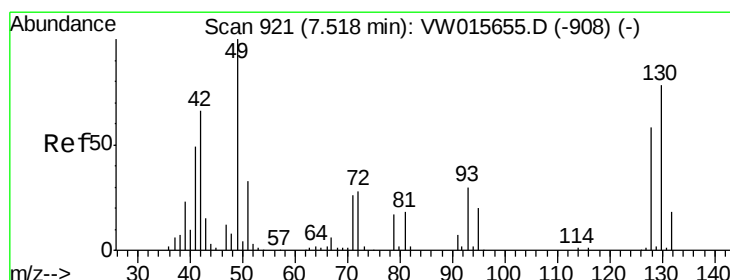
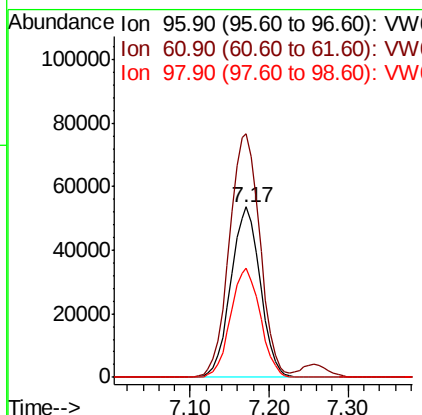
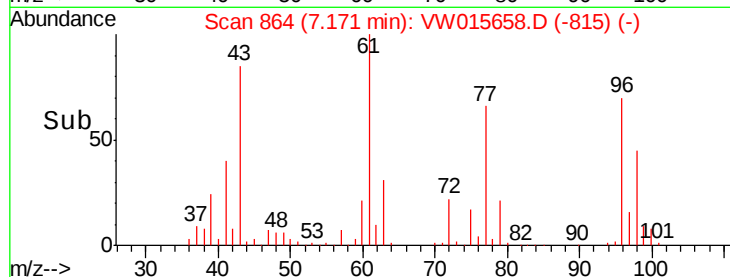
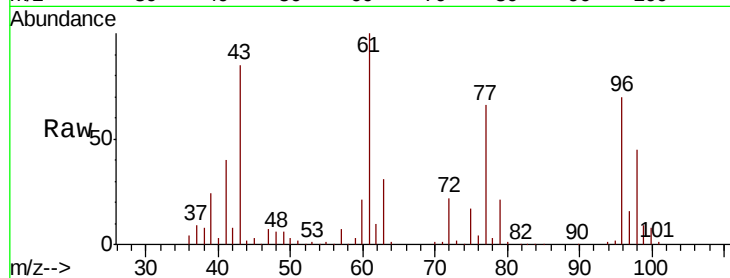


#27

cis-1,2-Dichloroethene
Concen: 48.452 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

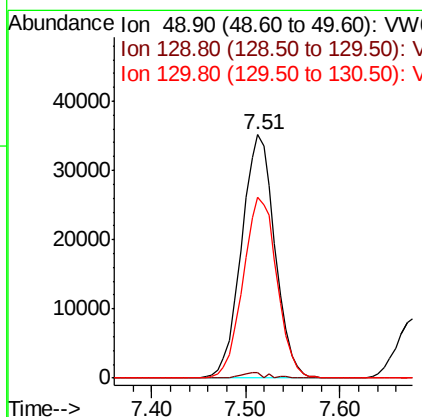
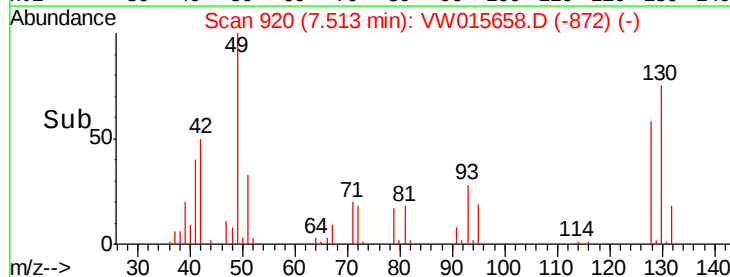
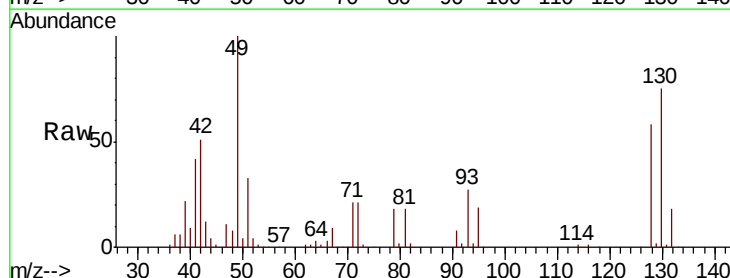
Tot Ion	96	Resp	138747
Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	296.8
98	64.9	0.0	128.0



#28

Bromochloromethane
Concen: 48.240 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion	49	Resp	87510
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.2
130	75.3	61.0	91.4

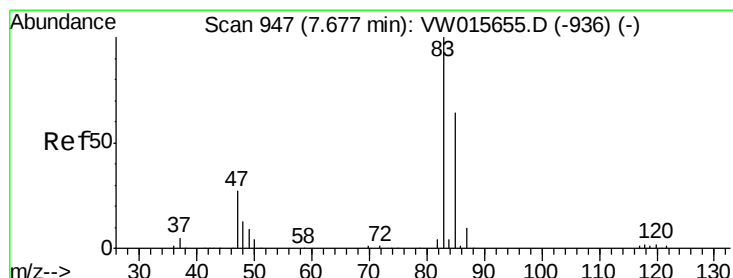
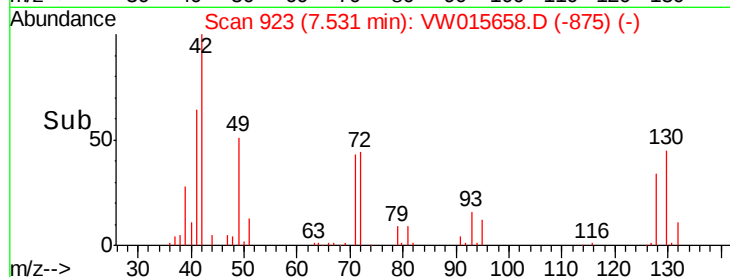
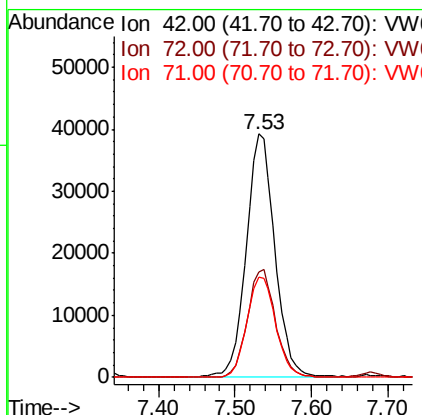
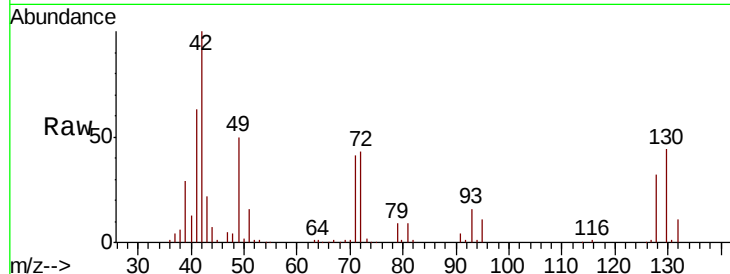




#29
Tetrahydrofuran
Concen: 256.099 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

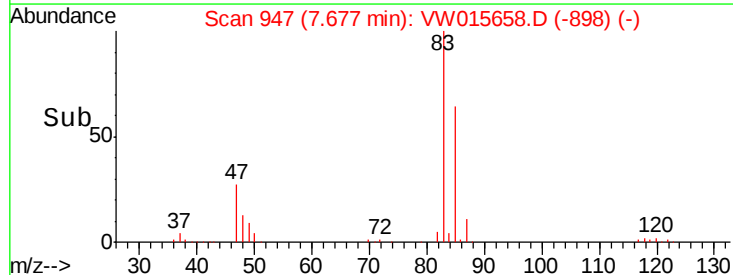
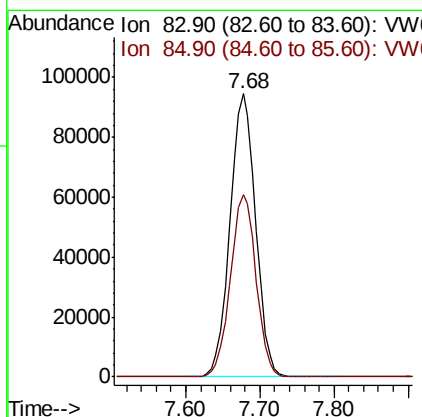
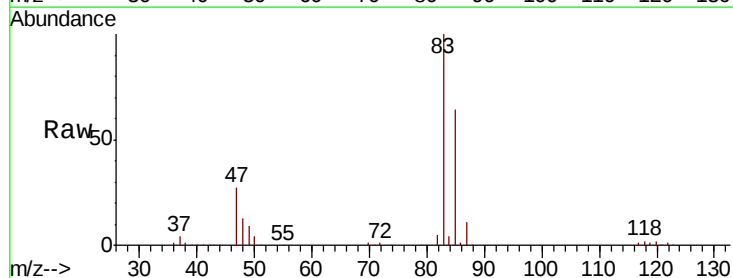
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

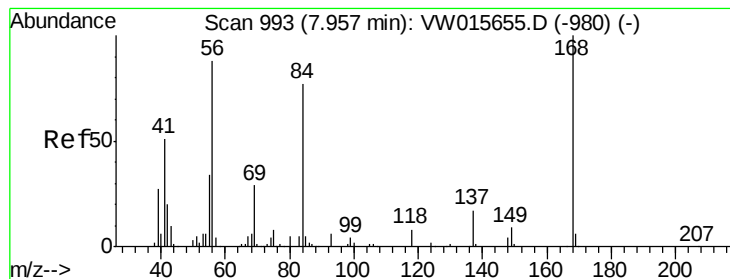
Tot Ion: 42 Resp: 102400
Ion Ratio Lower Upper
42 100
72 43.5 35.0 52.6
71 41.5 32.6 49.0



#30
Chloroform
Concen: 47.015 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 83 Resp: 227392
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.4





#31

Cyclohexane

Concen: 46.699 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

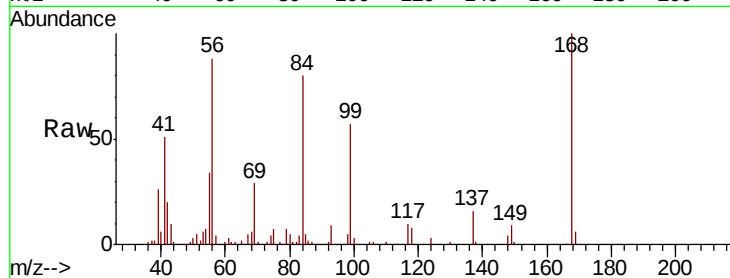
Tot Ion: 56 Resp: 213035

Ion Ratio Lower Upper

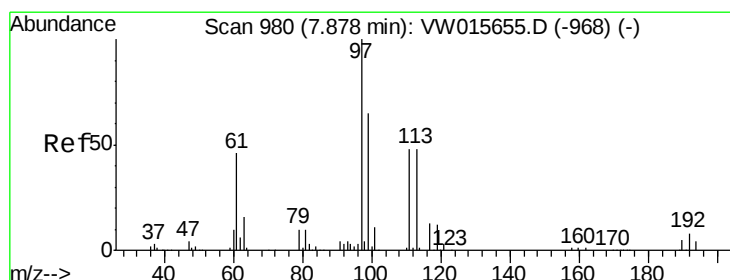
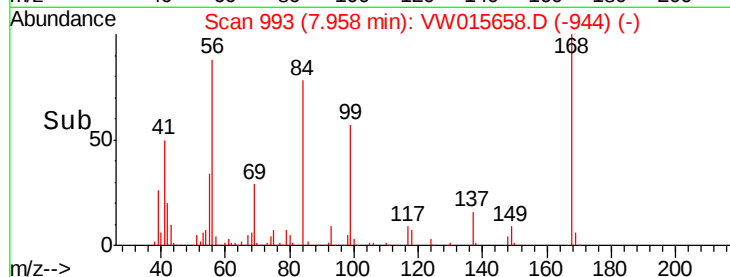
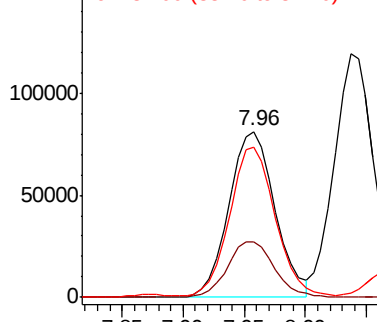
56 100

69 33.2 26.2 39.4

84 89.0 70.4 105.6



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: 47.853 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

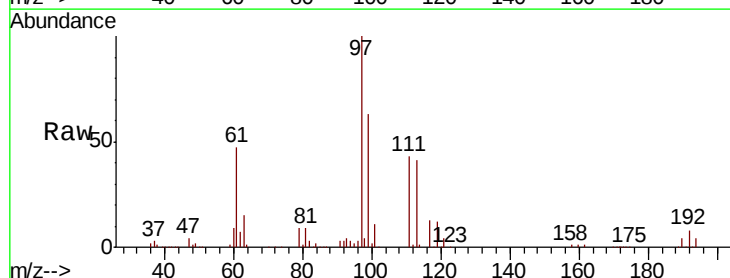
Tgt Ion: 97 Resp: 197288

Ion Ratio Lower Upper

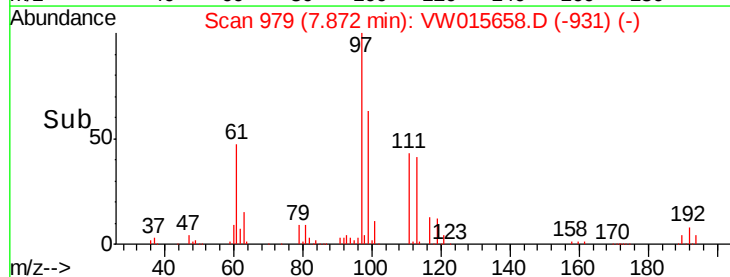
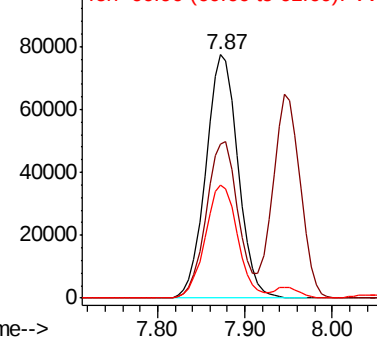
97 100

99 63.4 51.9 77.9

61 46.9 37.3 55.9



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

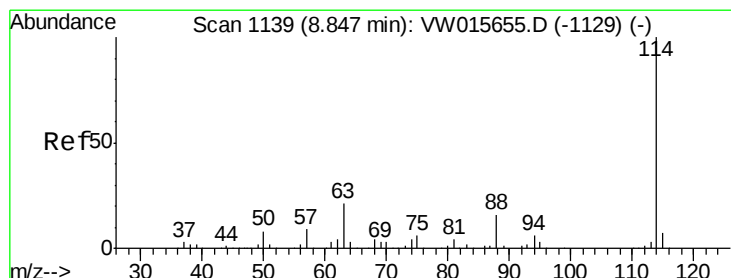
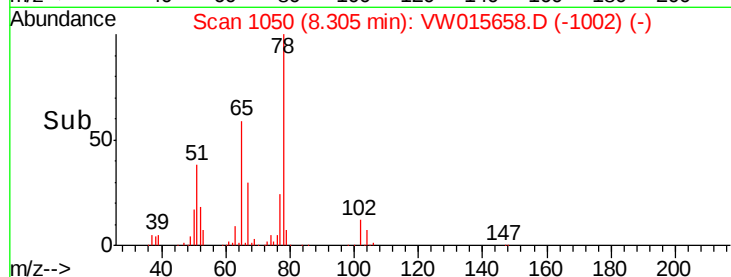
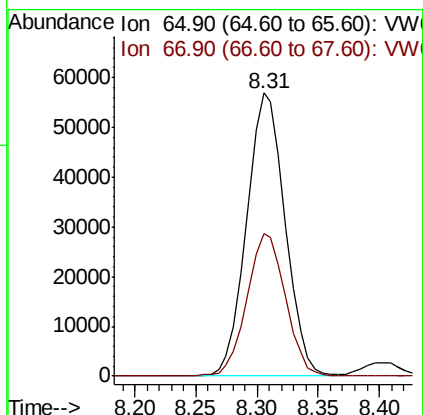
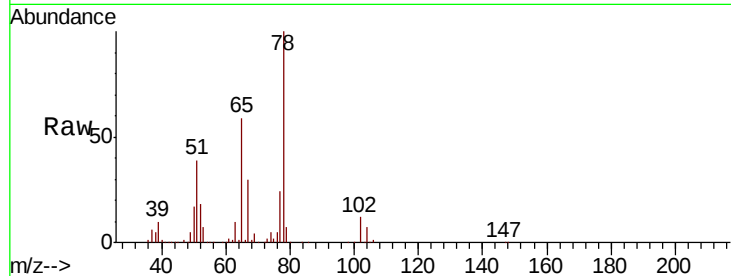




#33
 1,2-Dichloroethane-d4
 Concen: 47.052 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

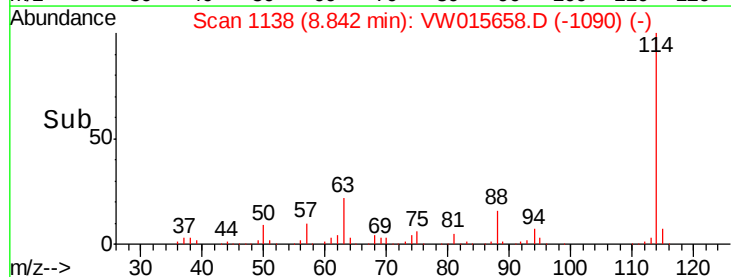
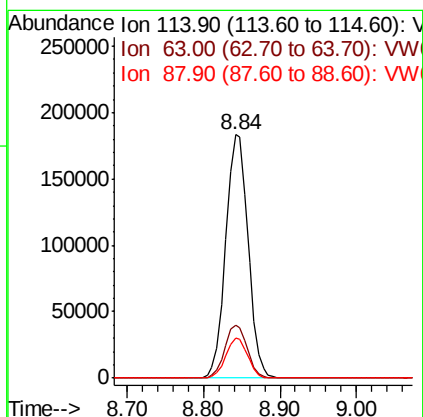
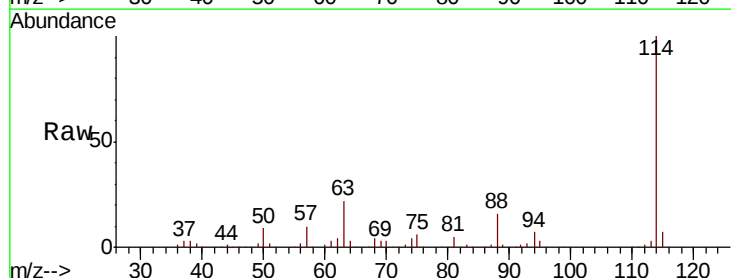
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

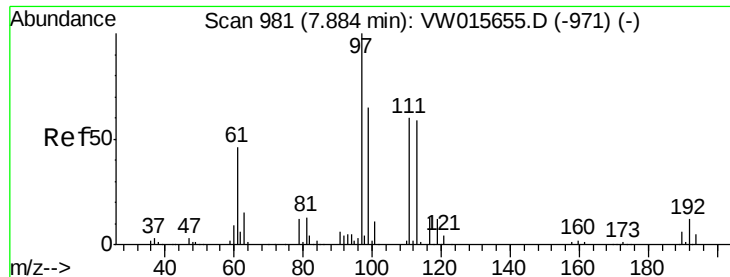
Tot Ion: 65 Resp: 124608
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion: 114 Resp: 369645
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 16.4 0.0 32.6

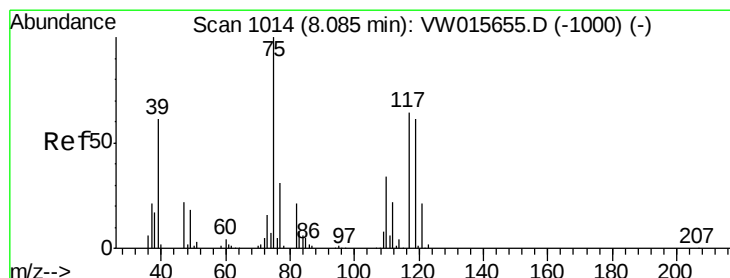
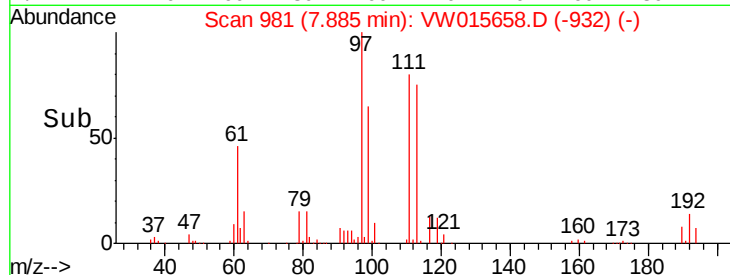
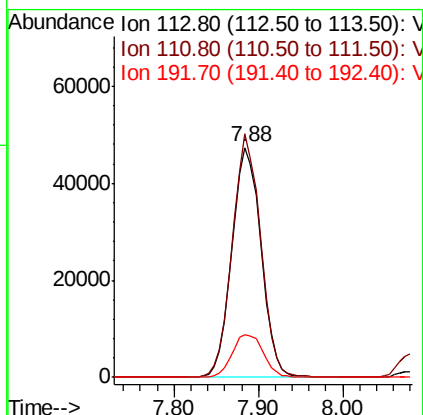
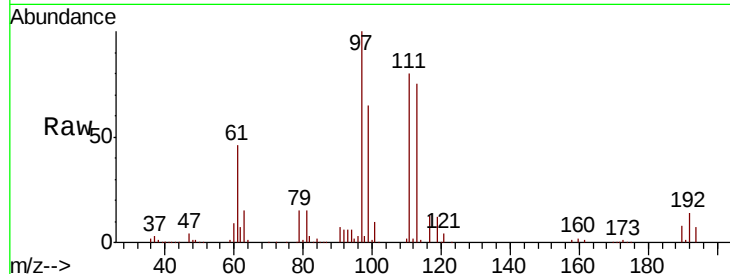




#35
 Dibromofluoromethane
 Concen: 47.599 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

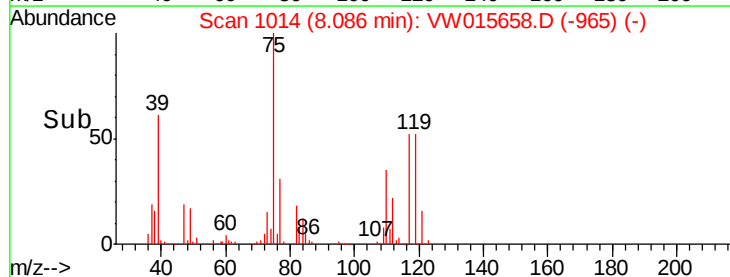
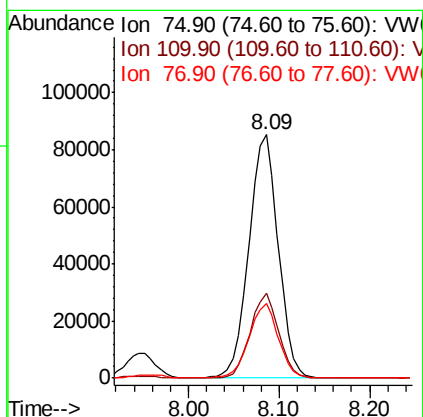
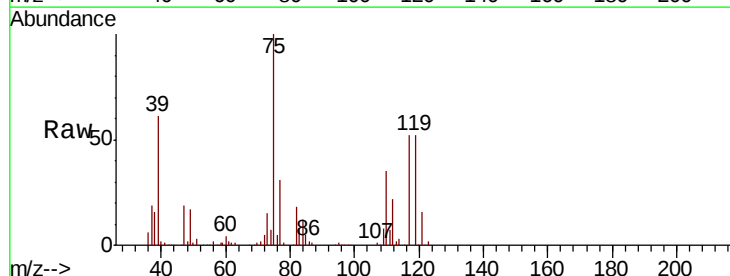
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

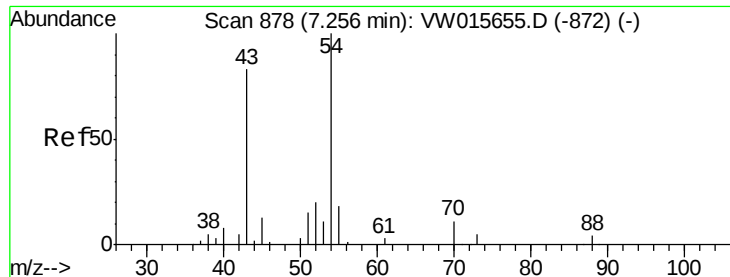
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	19.8	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 49.579 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.0	51.0
77	30.5	24.6	36.8

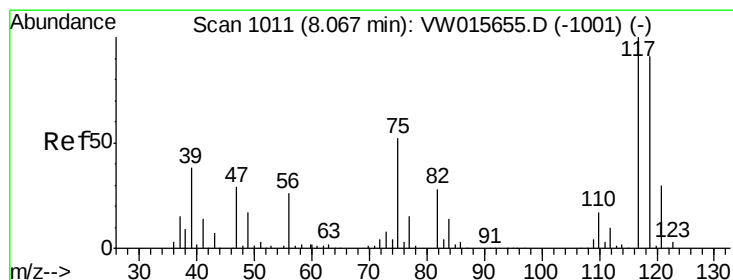
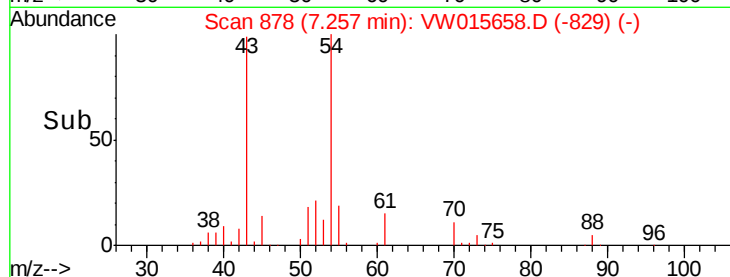
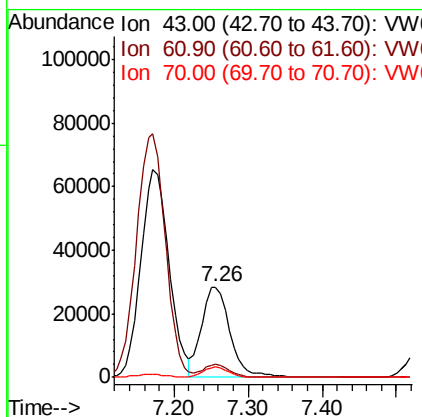
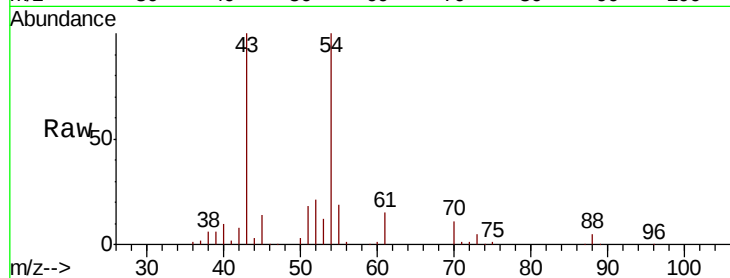




#37
Ethyl Acetate
Concen: 50.707 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

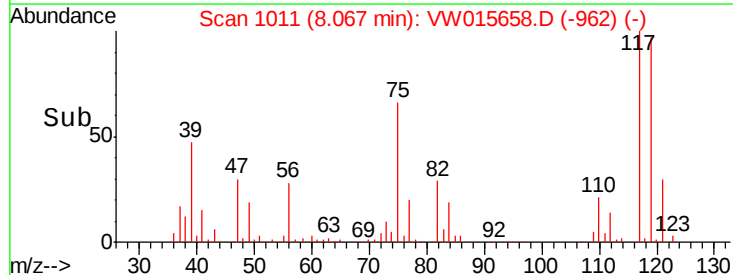
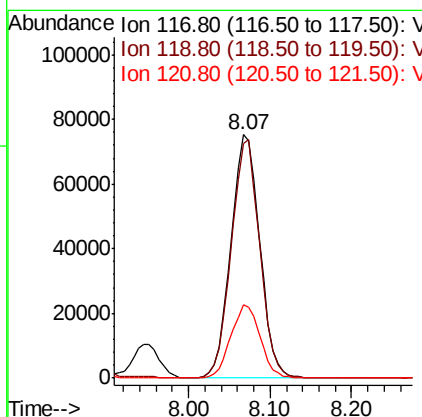
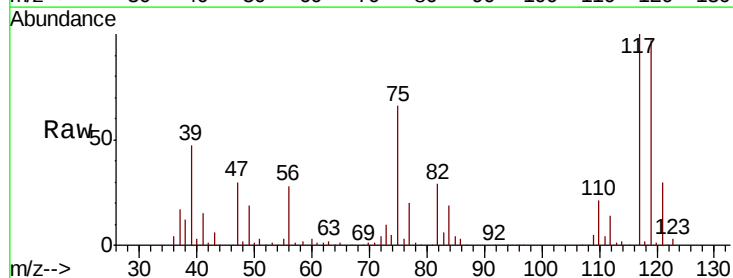
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

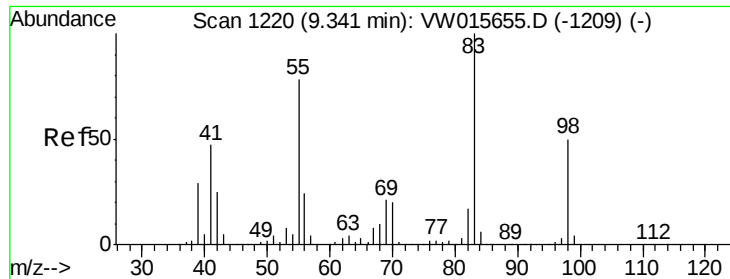
Tot Ion: 43 Resp: 74437
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.189 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 117 Resp: 183320
Ion Ratio Lower Upper
117 100
119 96.5 73.2 109.8
121 30.1 23.9 35.9

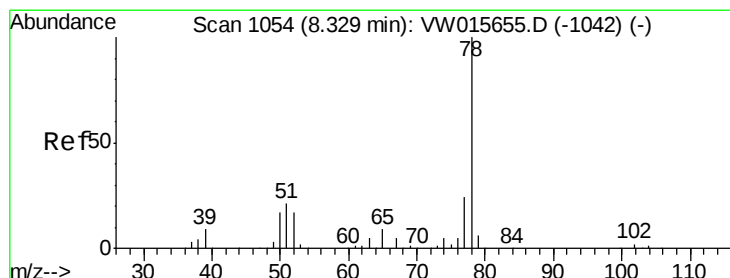
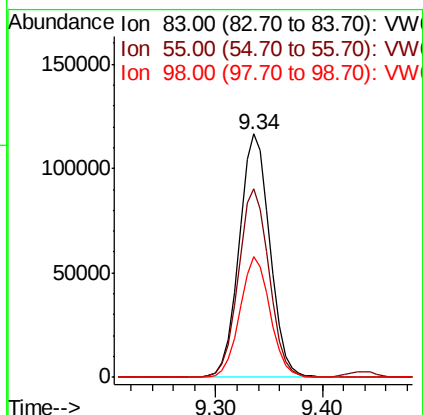
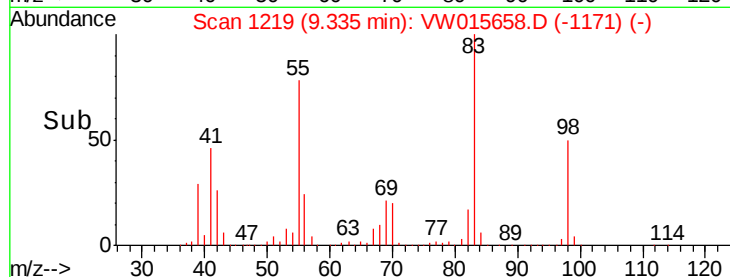
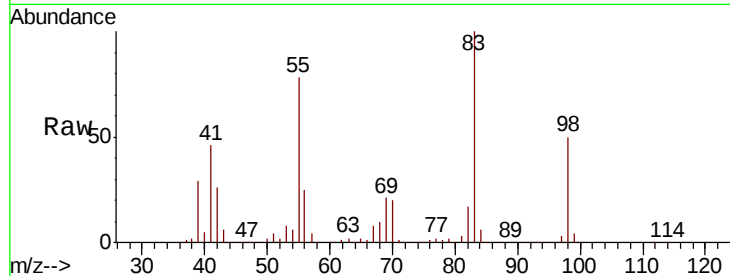




#39
Methvlcvclohexane
Concen: 50.632 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

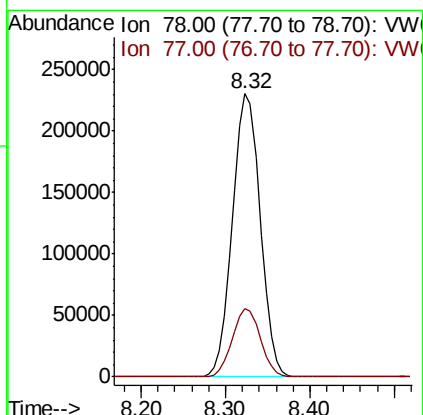
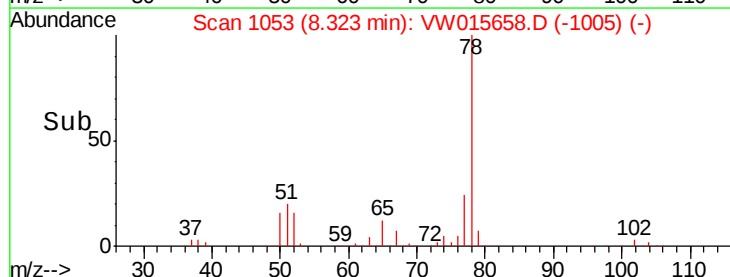
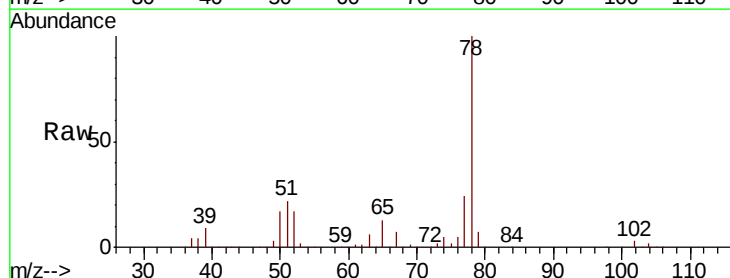
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

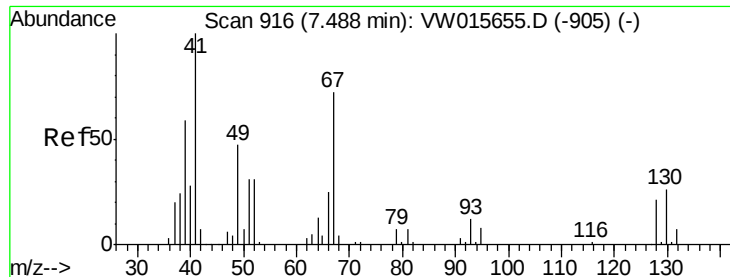
Tot Ion: 83 Resp: 235782
Ion Ratio Lower Upper
83 100
55 77.7 62.8 94.2
98 49.6 39.9 59.9



#40
Benzene
Concen: 49.072 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 78 Resp: 512996
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

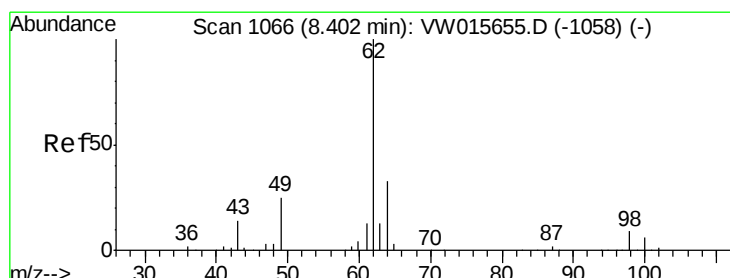
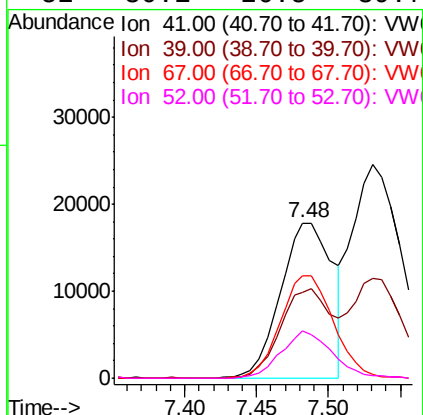
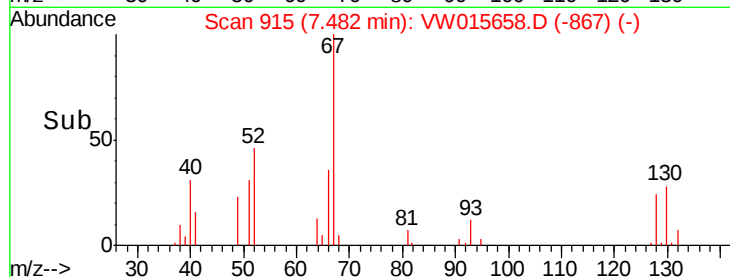
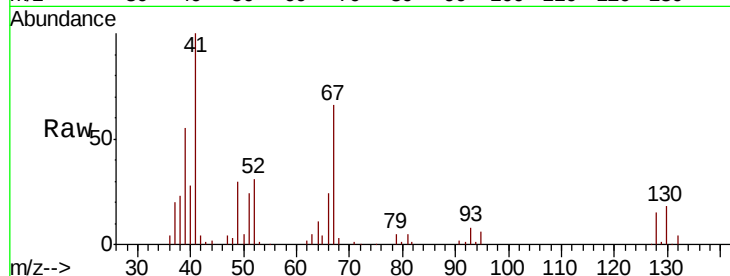




#41
Methacrylonitrile
Concen: 53.322 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

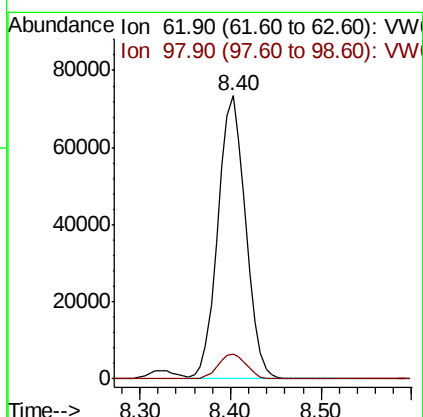
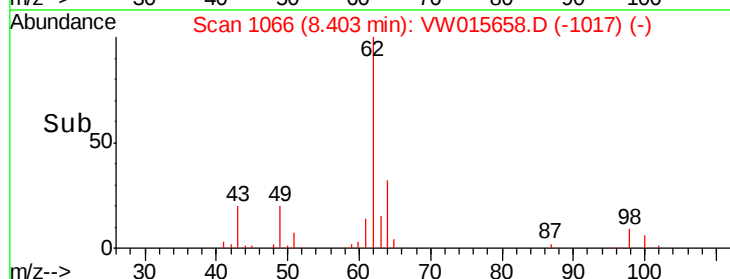
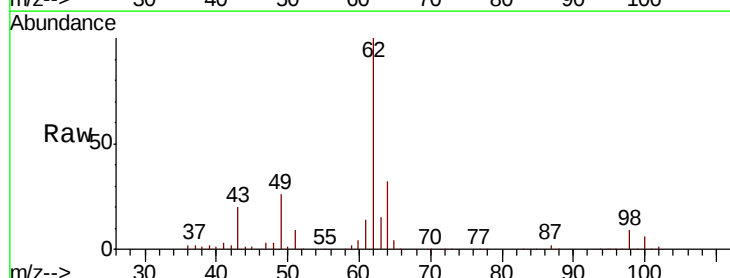
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

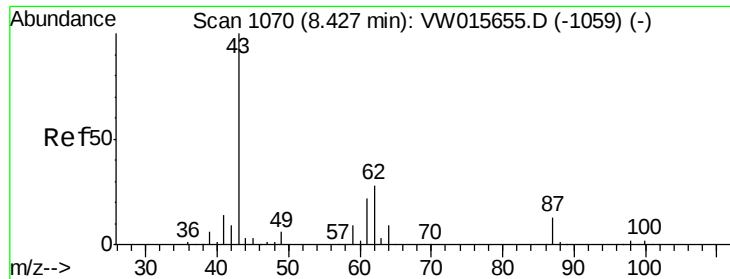
Tot Ion:	41	Resp:	44924
Ion	Ratio	Lower	Upper
41	100		
39	56.7	52.0	78.0
67	67.4	57.5	86.3
52	30.1	26.5	39.7



#42
1,2-Dichloroethane
Concen: 48.405 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion:	62	Resp:	156547
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4





#43

Isopropyl Acetate

Concen: 51.118 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

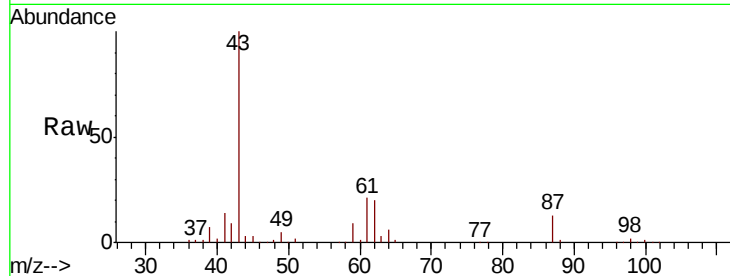
Tot Ion: 43 Resp: 149749

Ion Ratio Lower Upper

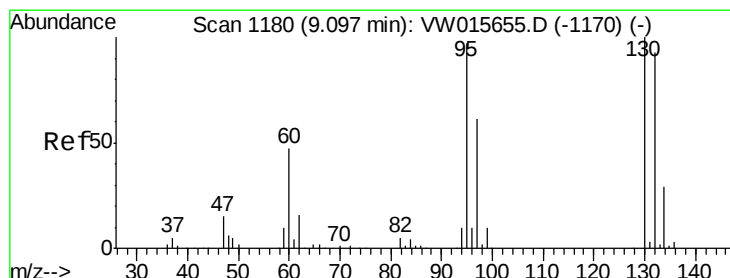
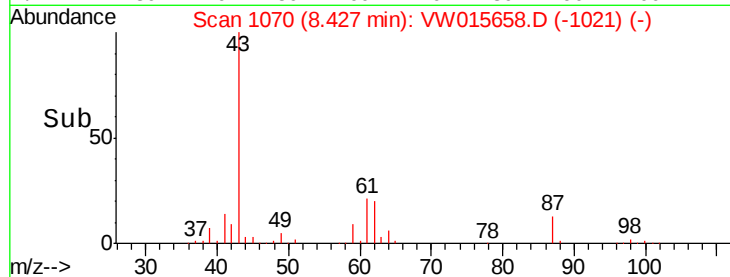
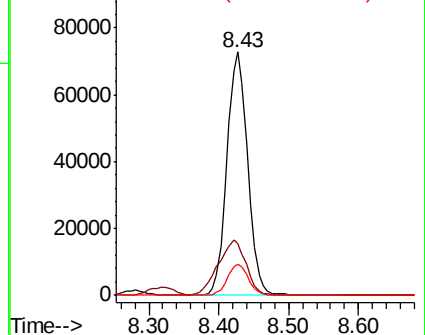
43 100

61 30.5 24.7 37.1

87 12.9 10.2 15.2



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: 48.787 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015658.D

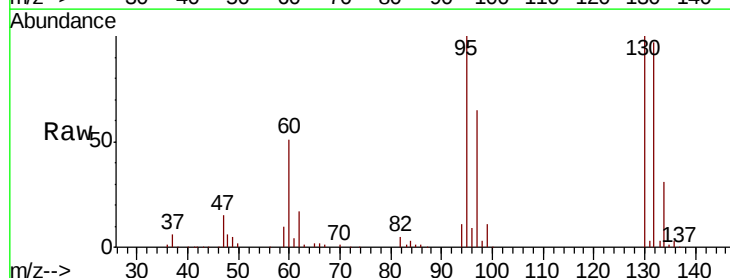
Acq: 23 Jun 2020 13:29

Tgt Ion: 130 Resp: 137468

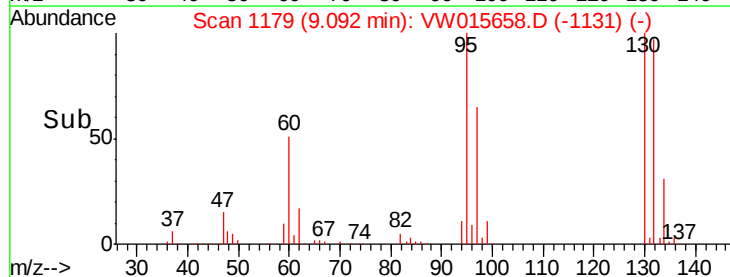
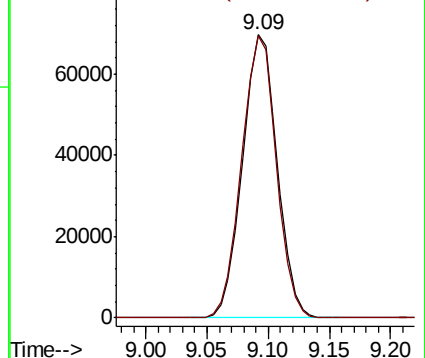
Ion Ratio Lower Upper

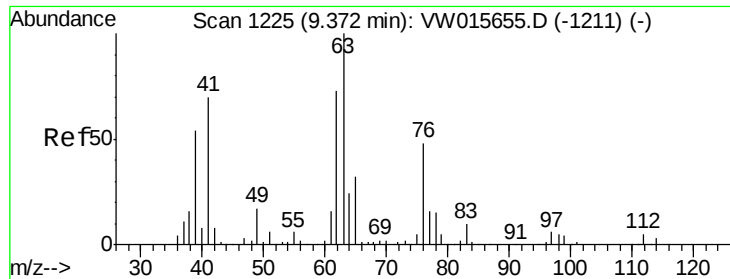
130 100

95 99.5 0.0 194.4



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

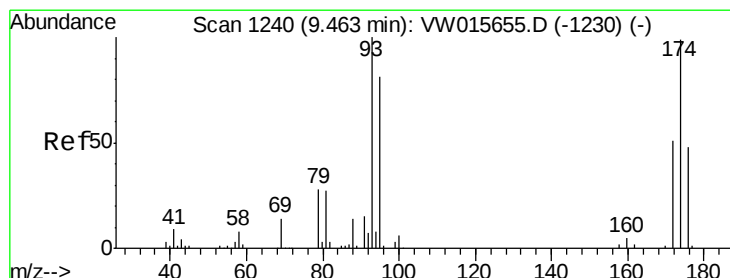
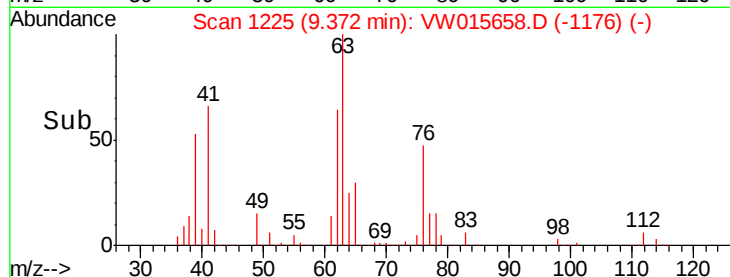
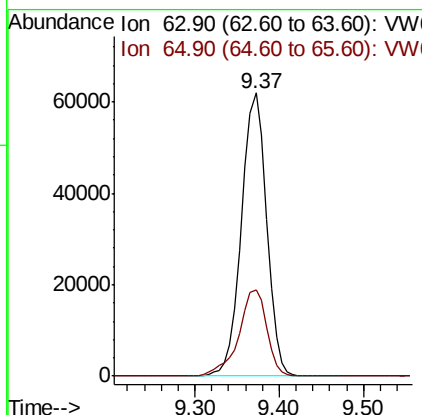
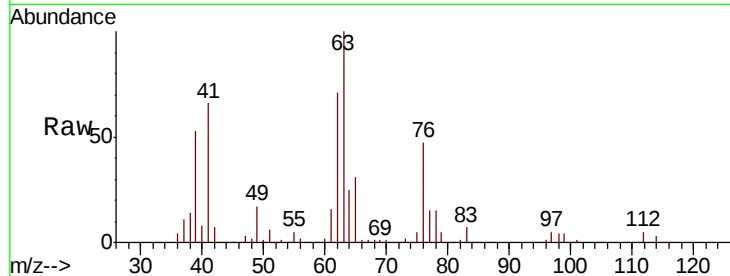




#45
 1,2-Dichloropropane
 Concen: 48.515 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

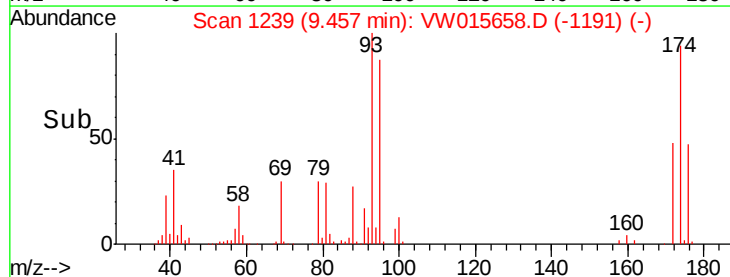
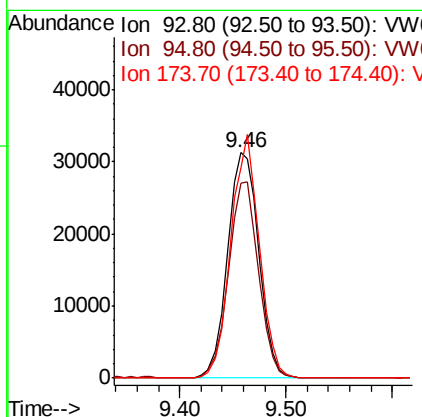
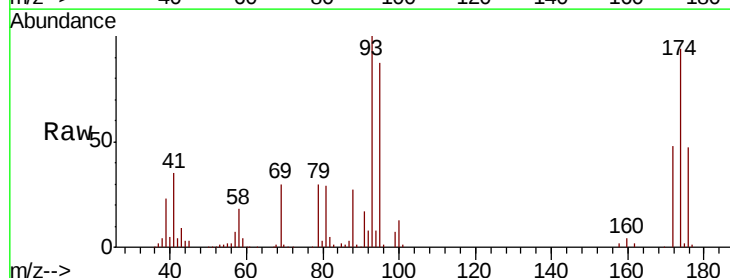
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

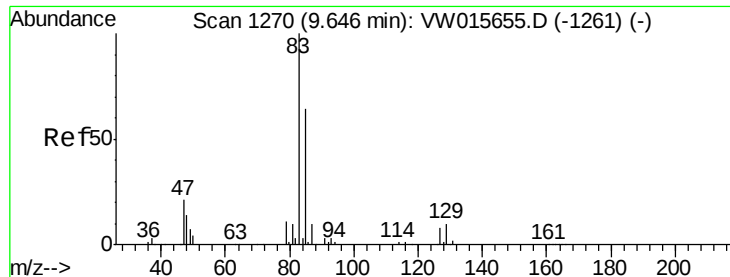
Tot Ion: 63 Resp: 123969
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.3 37.9



#46
 Dibromomethane
 Concen: 48.484 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion: 93 Resp: 64100
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.7 98.5
 174 98.8 79.0 118.6

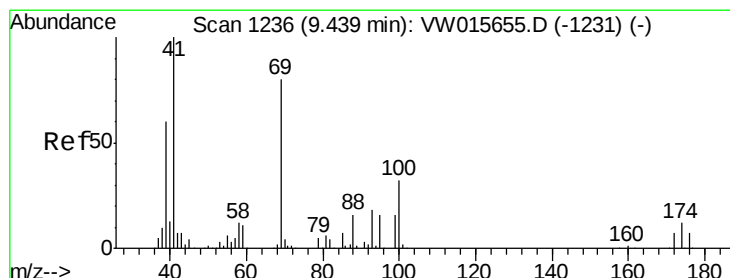
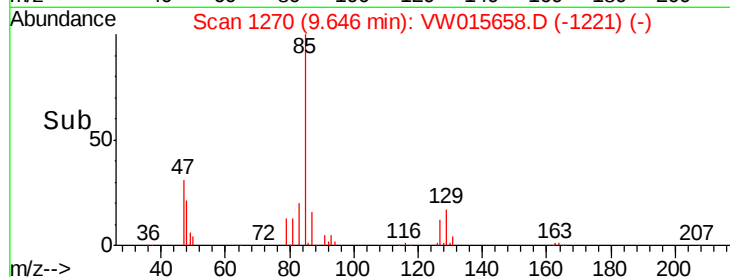
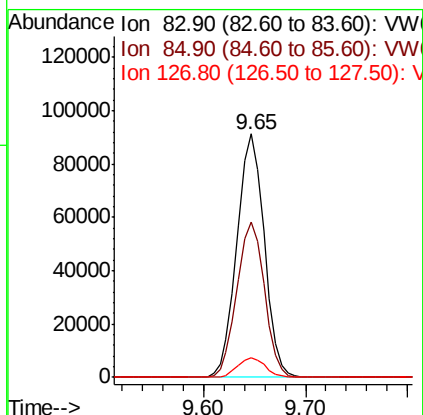
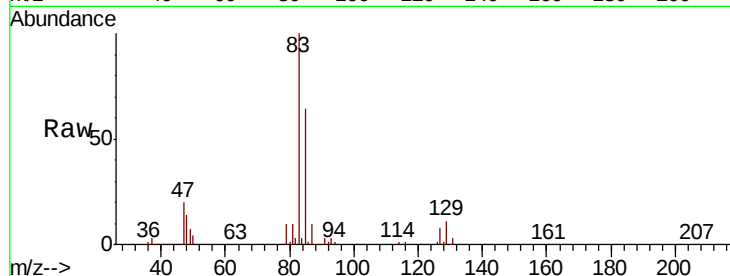




#47
Bromodichloromethane
Concen: 49.029 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

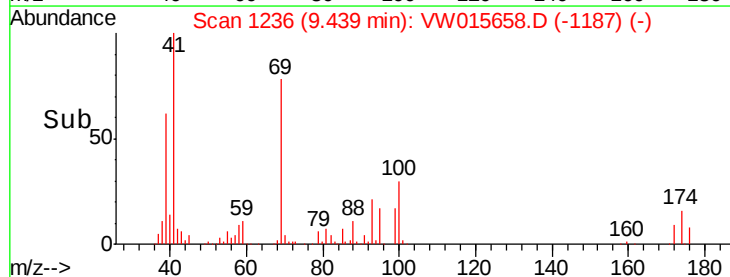
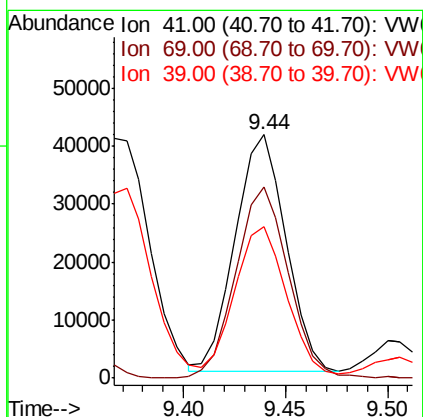
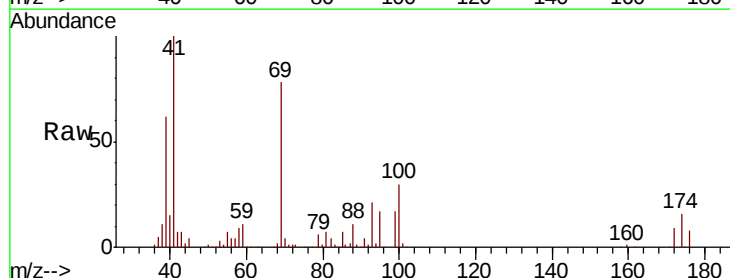
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

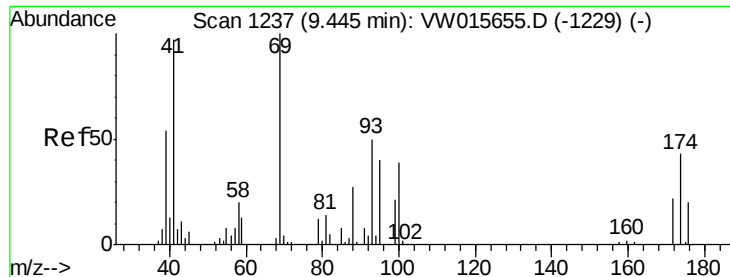
Tot Ion: 83 Resp: 169081
Ion Ratio Lower Upper
83 100
85 63.6 50.8 76.2
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 52.499 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 41 Resp: 70313
Ion Ratio Lower Upper
41 100
69 83.9 68.2 102.2
39 62.7 49.8 74.6





#49

1,4-Dioxane

Concen: 1029.834 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

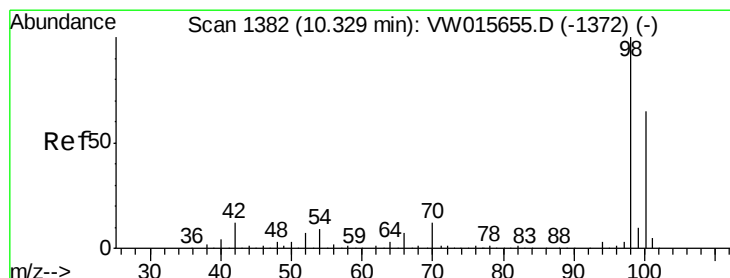
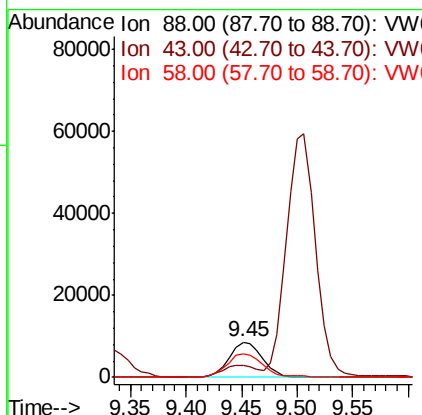
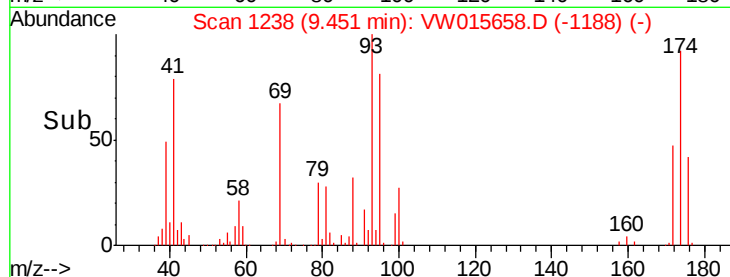
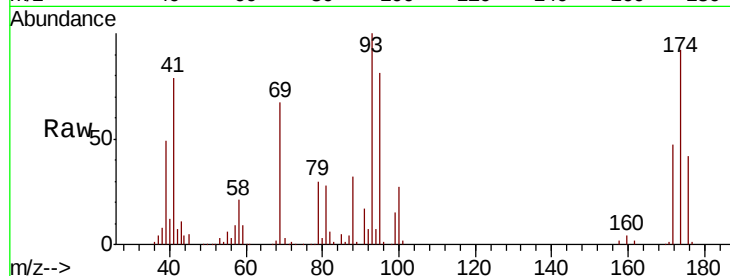
Tot Ion: 88 Resp: 17861

Ion Ratio Lower Upper

88 100

43 36.6 30.1 45.1

58 73.5 56.1 84.1



#50

Toluene-d8

Concen: 48.954 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015658.D

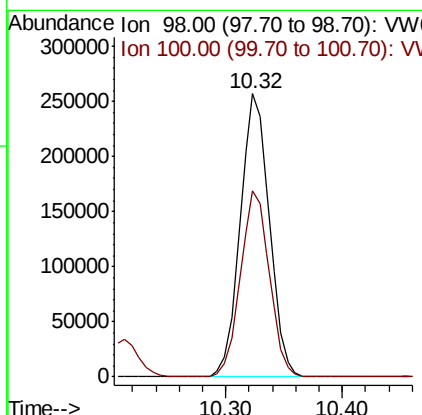
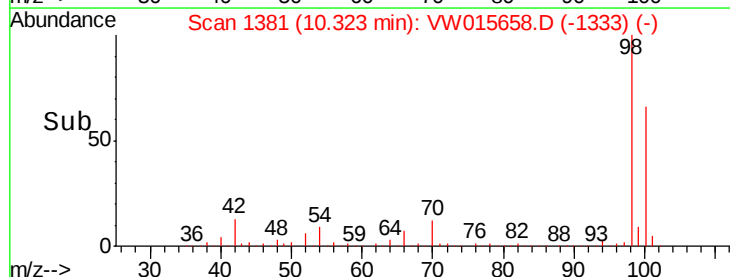
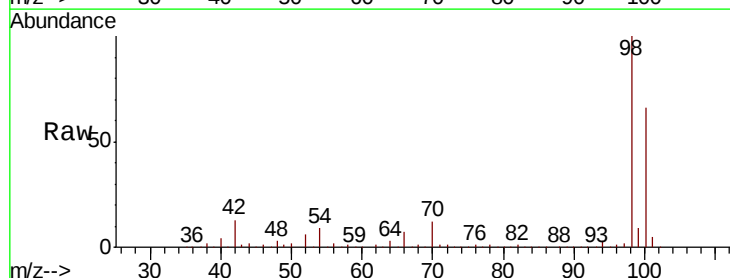
Acq: 23 Jun 2020 13:29

Tgt Ion: 98 Resp: 447954

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 258.904 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

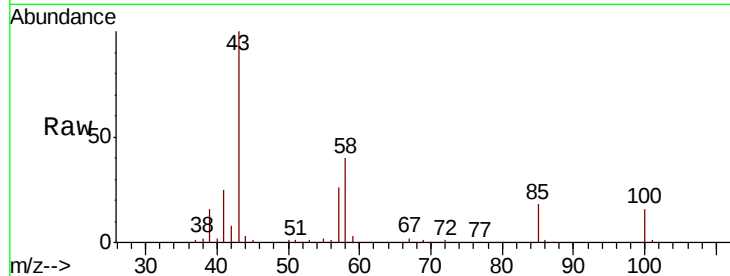
ICVW062320

Tot Ion: 43 Resp: 365765

Ion Ratio Lower Upper

43 100

58 39.1 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

200000

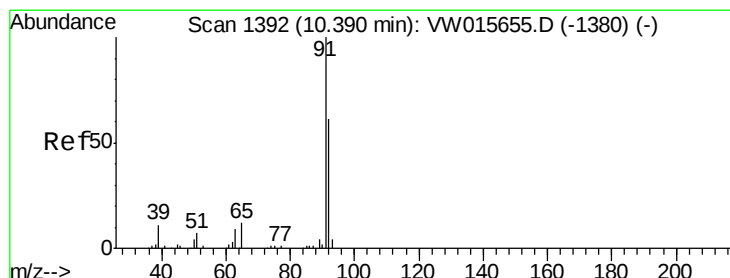
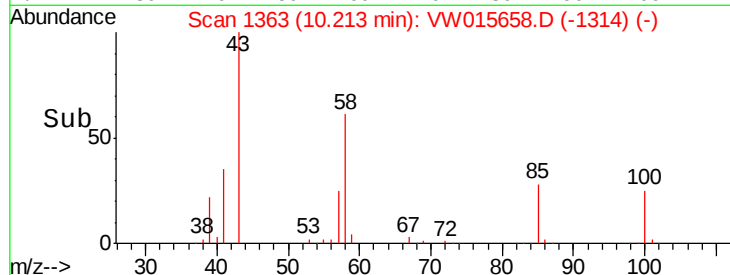
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 49.098 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015658.D

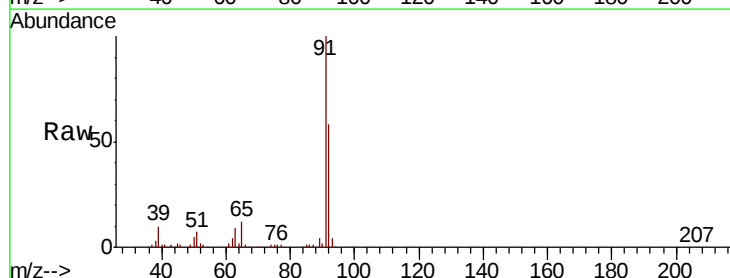
Acq: 23 Jun 2020 13:29

Tgt Ion: 92 Resp: 331424

Ion Ratio Lower Upper

92 100

91 170.2 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

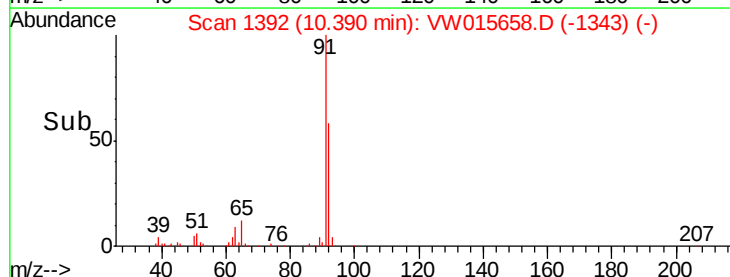
300000

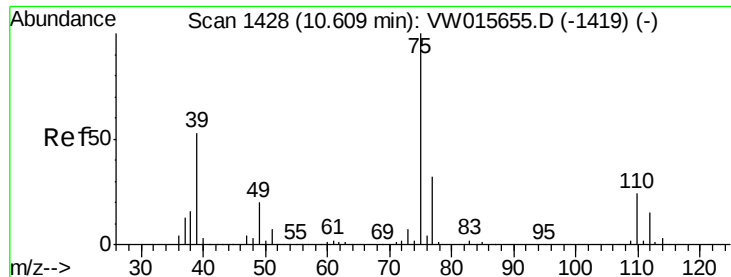
200000

100000

0

Time-->

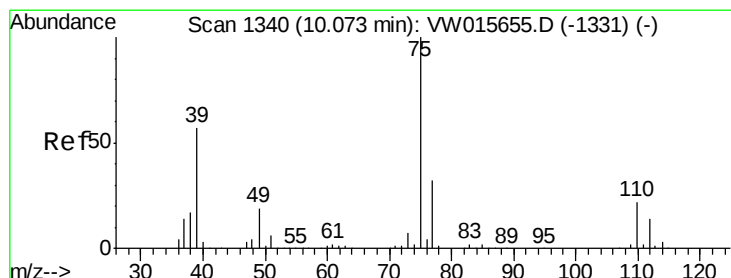
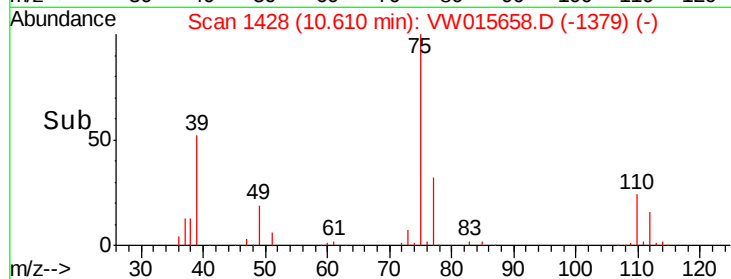
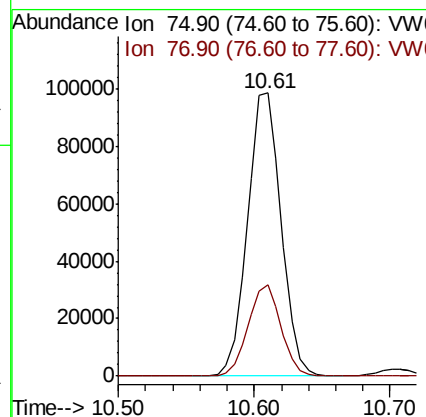
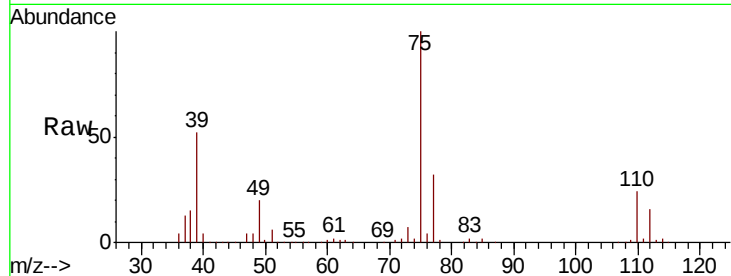




#53
 t-1,3-Dichloropropene
 Concen: 51.160 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

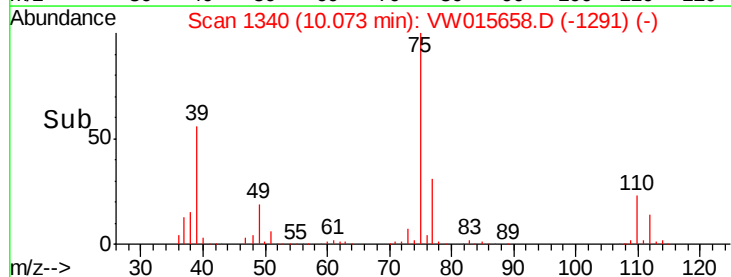
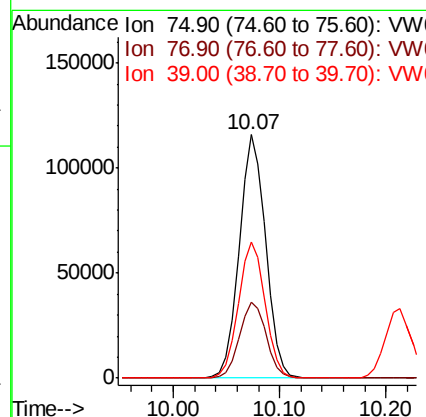
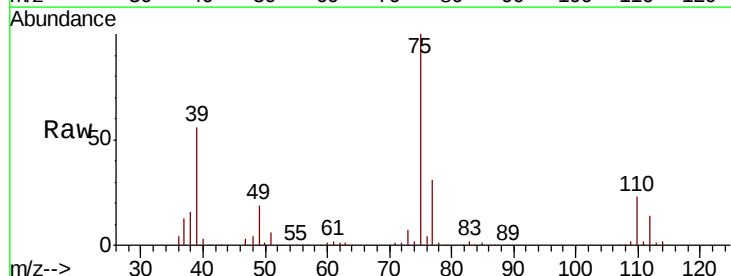
Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW062320

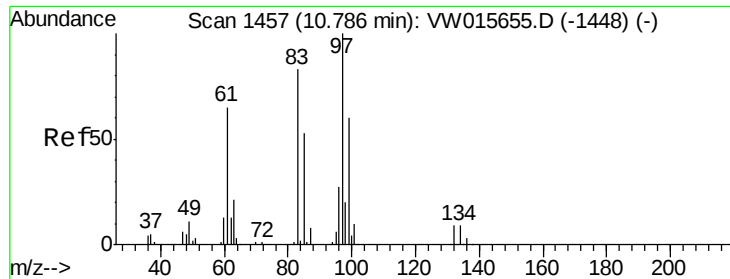
Tot Ion: 75 Resp: 170441
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.577 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion: 75 Resp: 201293
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2
 39 56.0 45.8 68.6





#55

1,1,2-Trichloroethane

Concen: 48.687 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

Tot Ion: 97 Resp: 89496

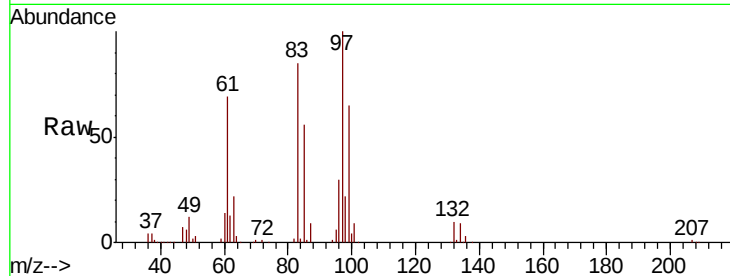
Ion Ratio Lower Upper

97 100

83 85.2 66.3 99.5

85 55.9 42.5 63.7

99 64.7 48.3 72.5



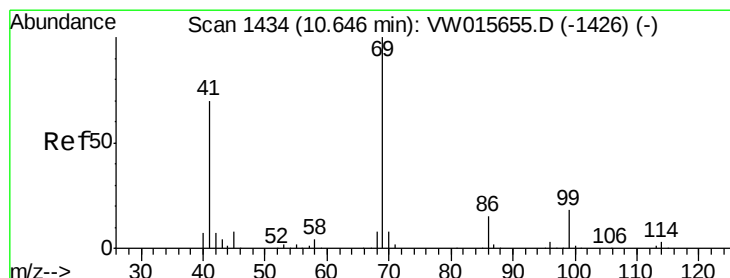
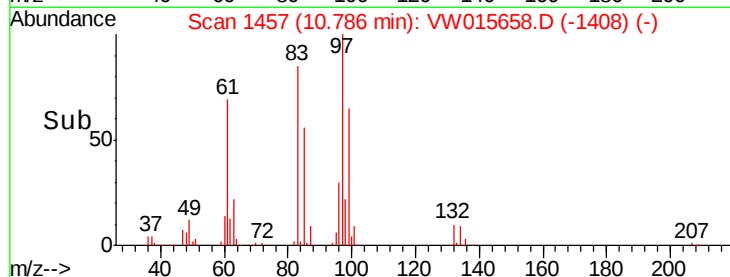
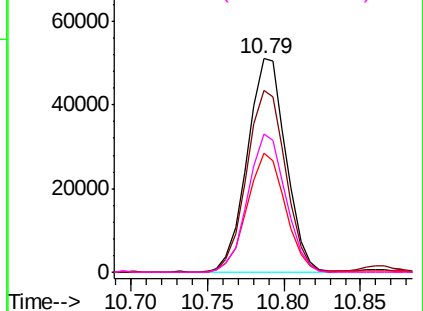
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 53.220 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

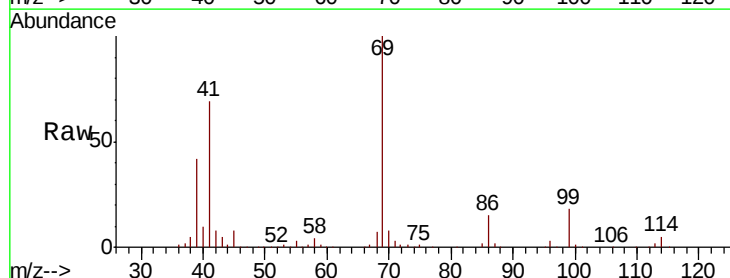
Tgt Ion: 69 Resp: 121723

Ion Ratio Lower Upper

69 100

41 68.7 55.8 83.6

39 40.1 29.5 44.3

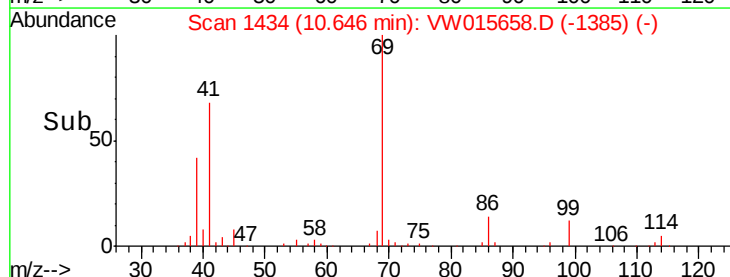
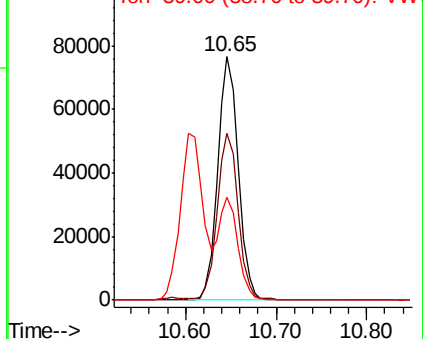


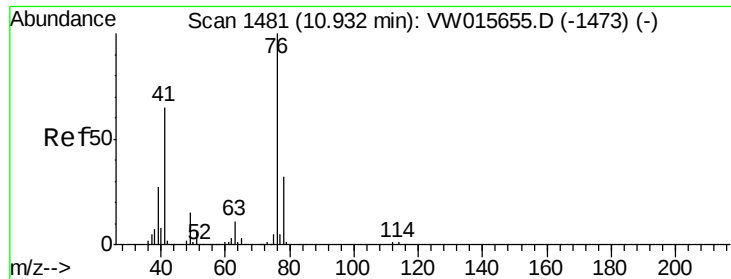
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

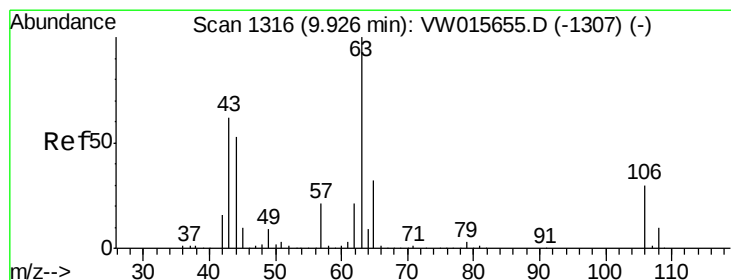
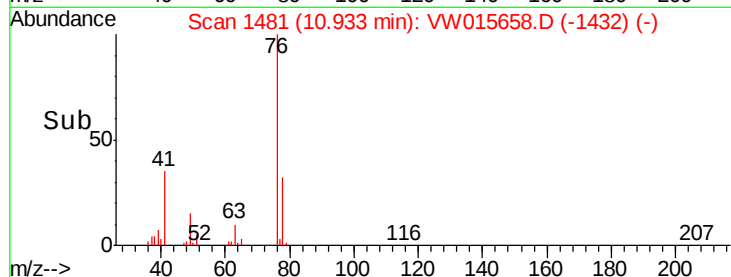
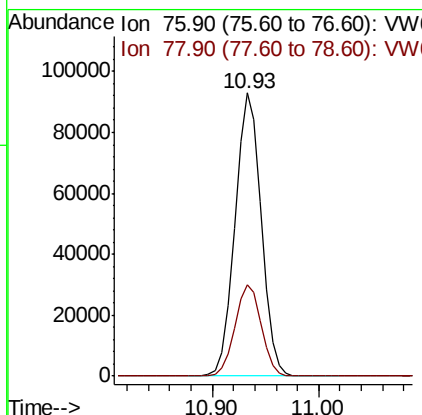
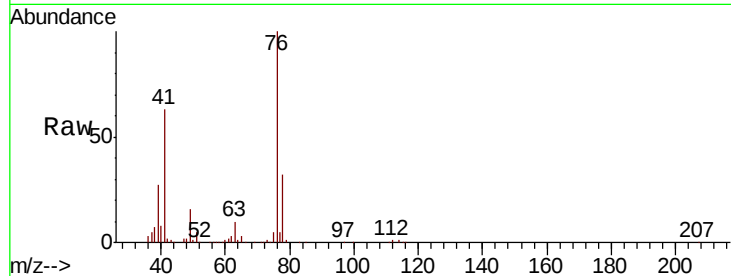




#57
 1,3-Dichloropropane
 Concen: 49.193 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

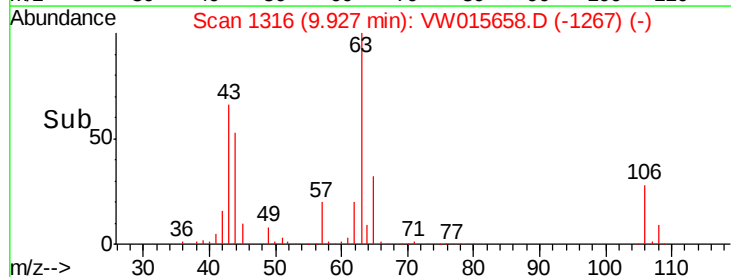
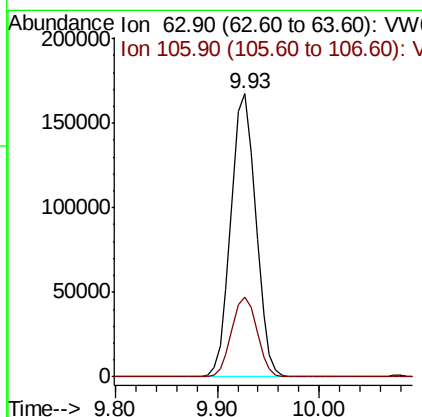
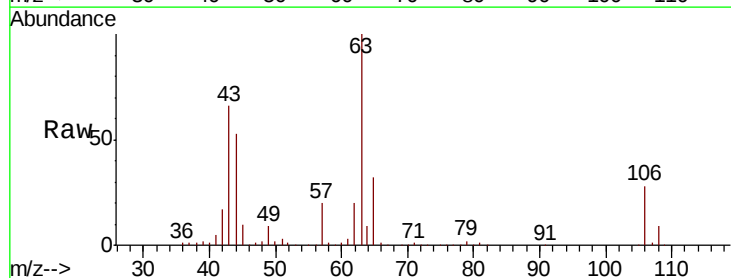
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

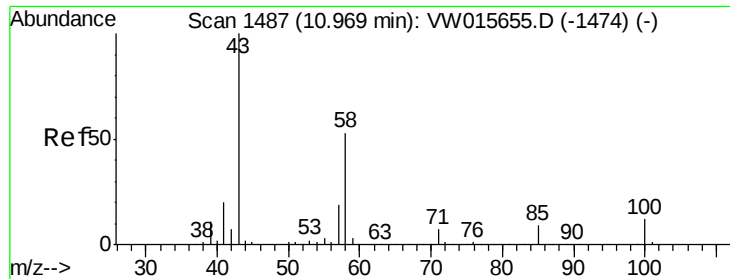
Tot Ion: 76 Resp: 160311
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.892 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion: 63 Resp: 283457
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.3 34.9

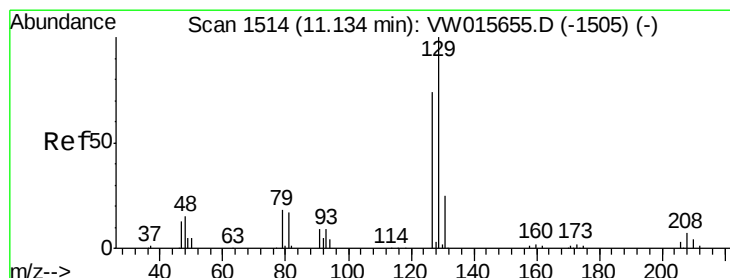
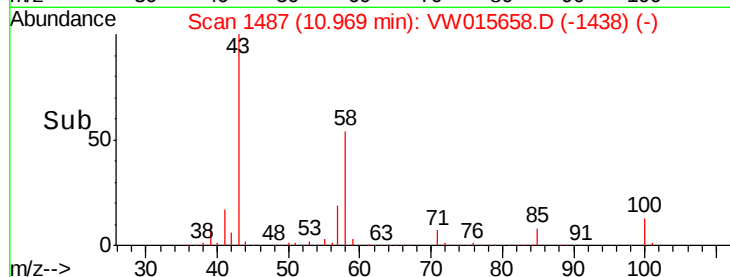
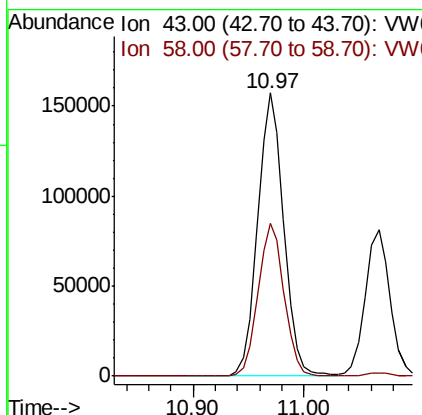
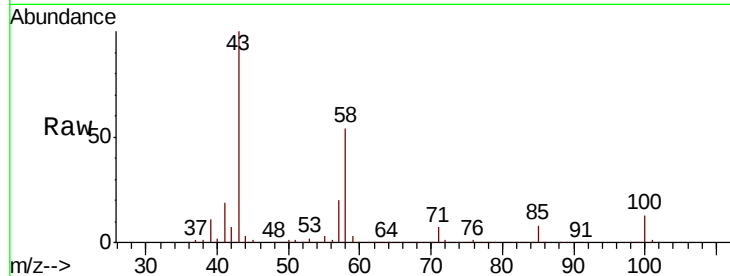




#59
2-Hexanone
Concen: 266.251 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

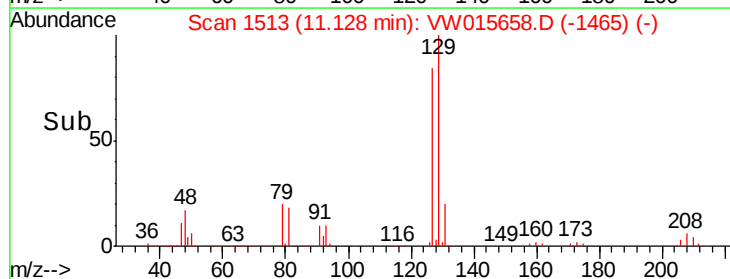
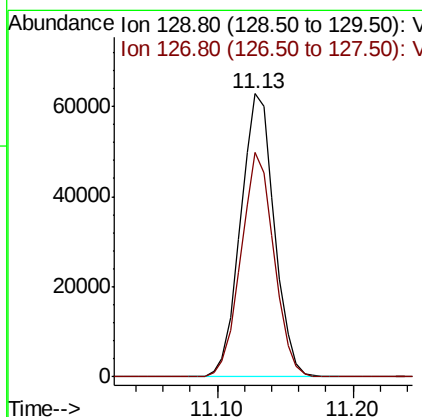
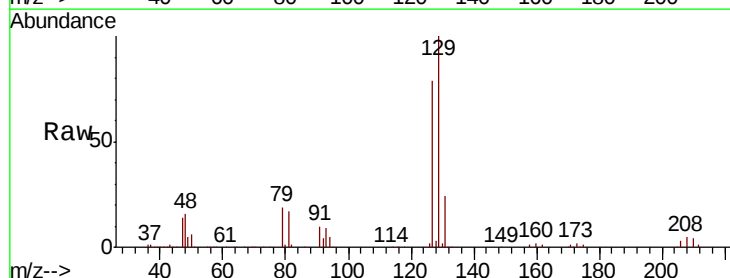
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

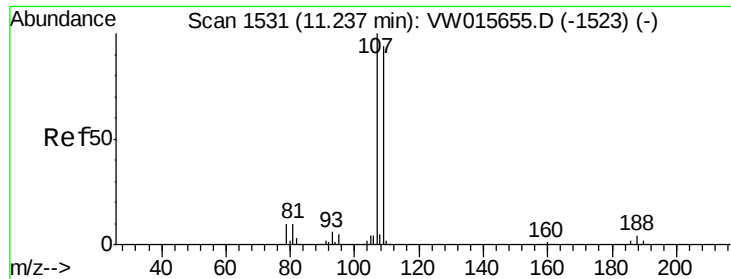
Tot Ion: 43 Resp: 256077
Ion Ratio Lower Upper
43 100
58 53.9 26.5 79.4



#60
Dibromochloromethane
Concen: 50.720 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 129 Resp: 108647
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.1

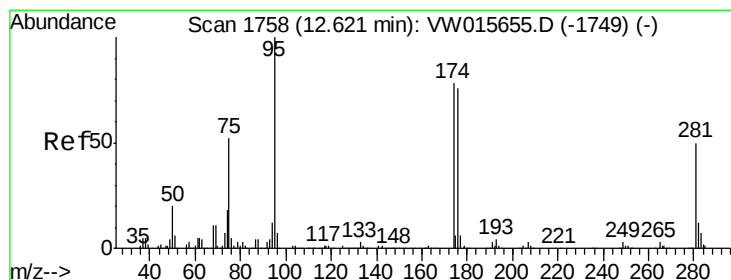
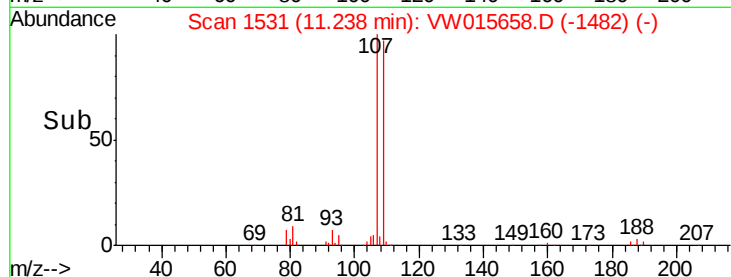
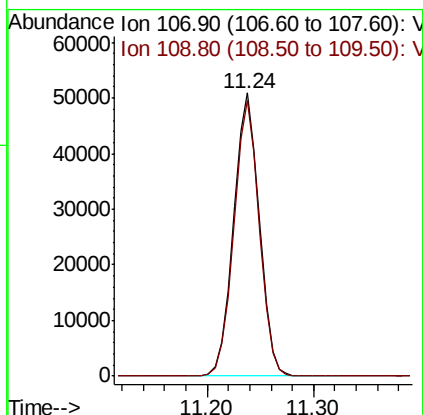
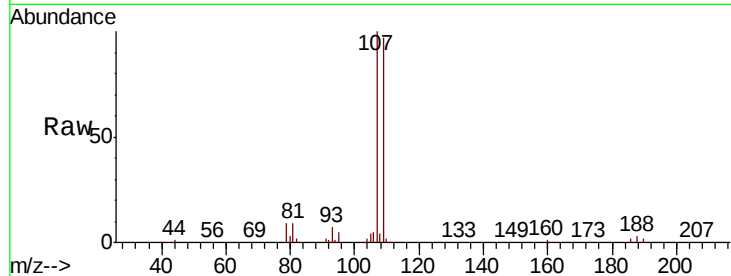




#61
 1,2-Dibromoethane
 Concen: 49.114 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

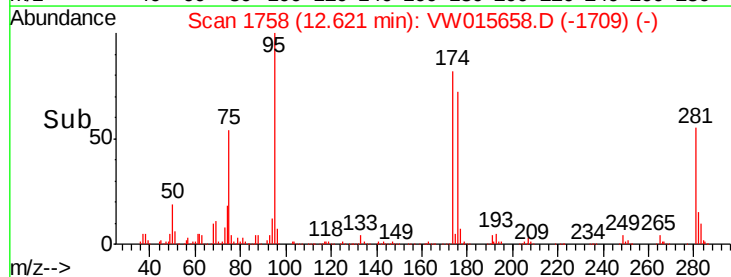
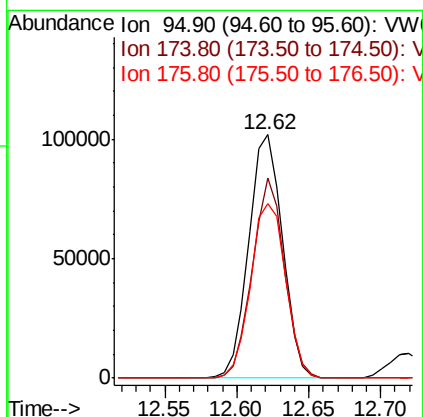
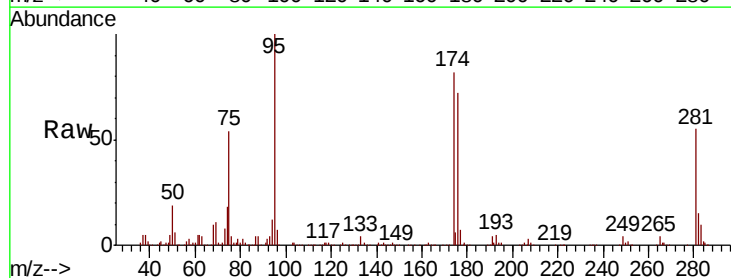
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

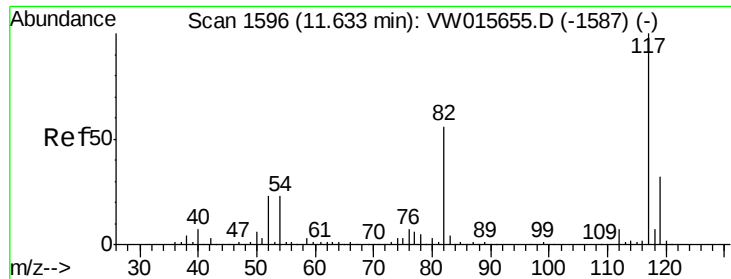
Tot Ion: 107 Resp: 86296
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 49.002 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion: 95 Resp: 165130
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 157.0
 176 74.5 0.0 151.4

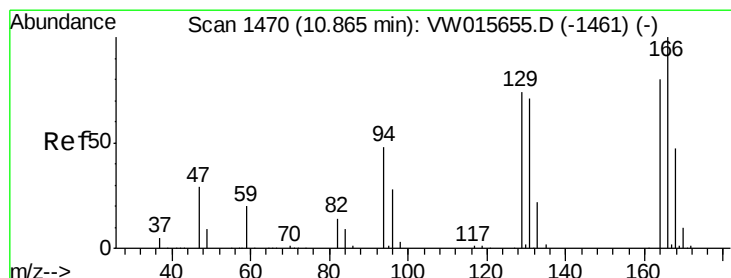
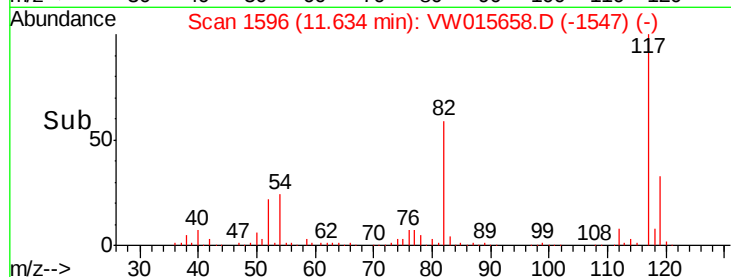
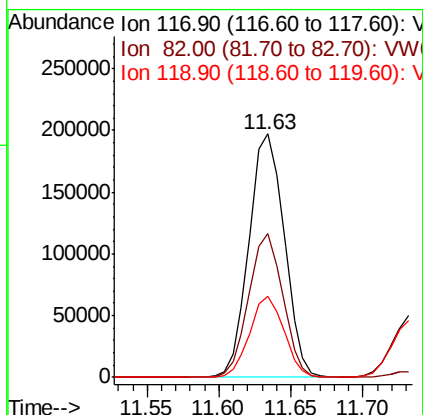
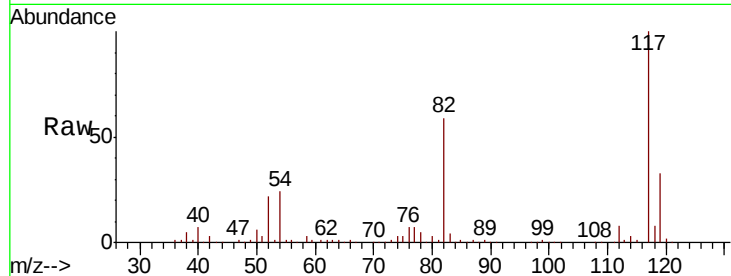




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

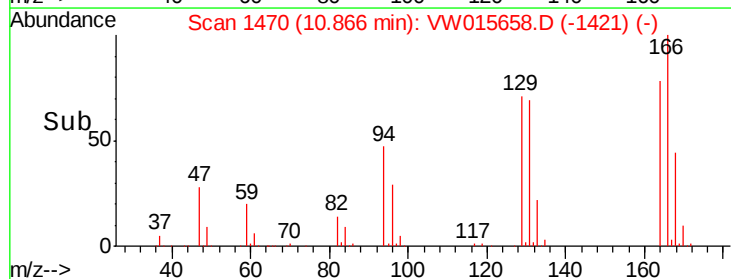
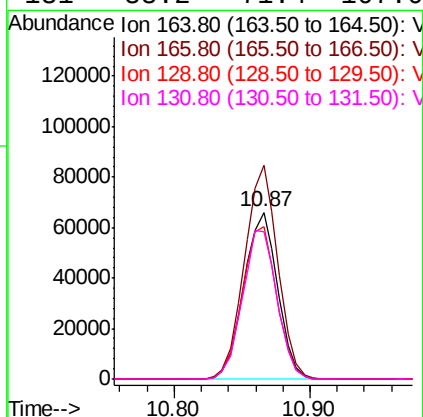
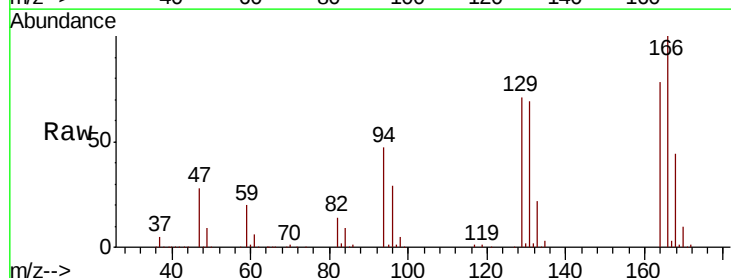
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

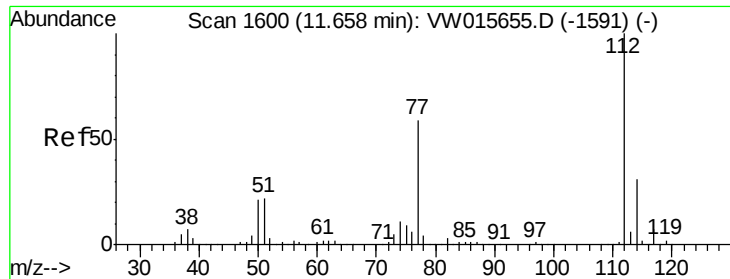
Tot Ion:117 Resp: 334997
Ion Ratio Lower Upper
117 100
82 59.1 45.1 67.7
119 33.4 25.8 38.8



#64
Tetrachloroethene
Concen: 48.745 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion:164 Resp: 114719
Ion Ratio Lower Upper
164 100
166 128.1 99.9 149.9
129 91.2 74.2 111.2
131 88.2 71.4 107.0

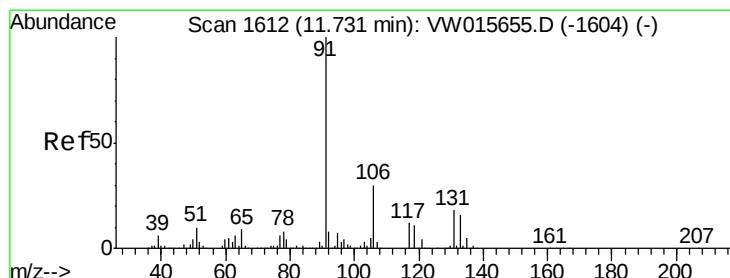
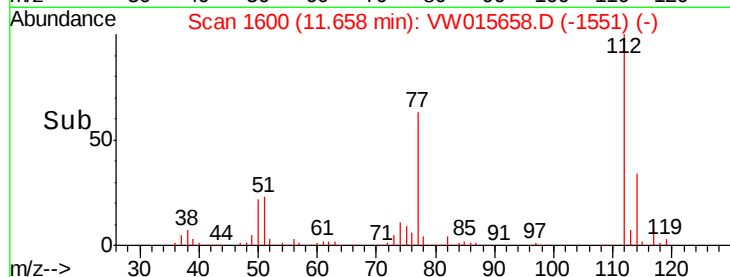
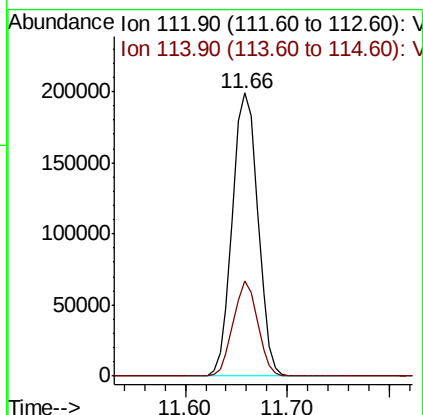
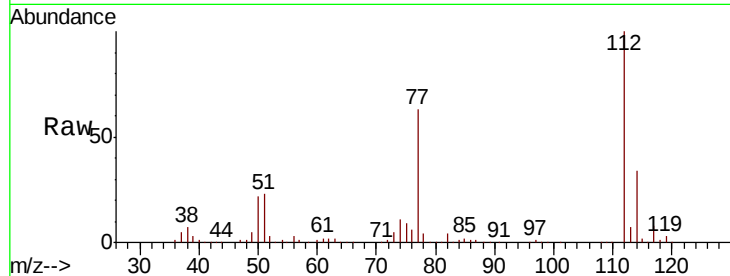




#65
Chlorobenzene
Concen: 48.702 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

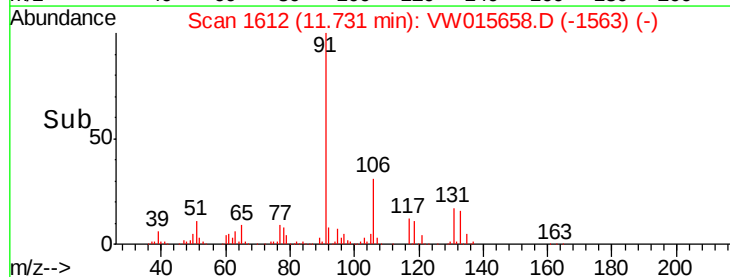
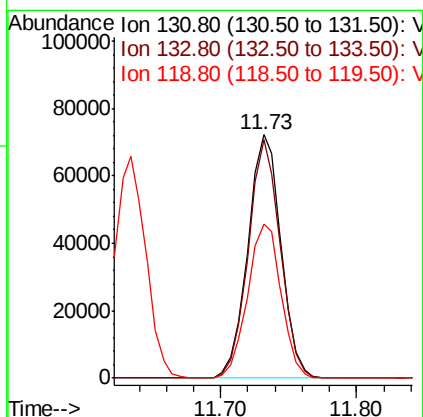
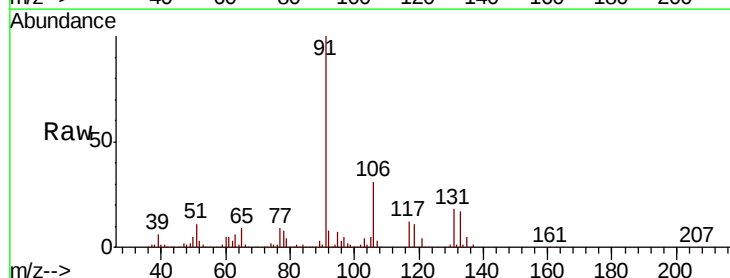
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

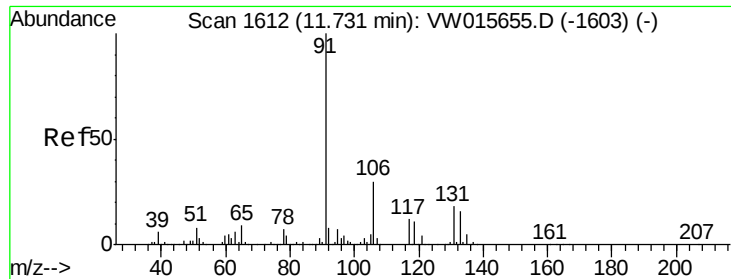
Tot Ion:112 Resp: 343985
Ion Ratio Lower Upper
112 100
114 33.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.544 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion:131 Resp: 122696
Ion Ratio Lower Upper
131 100
133 94.9 46.5 139.5
119 64.5 32.5 97.5

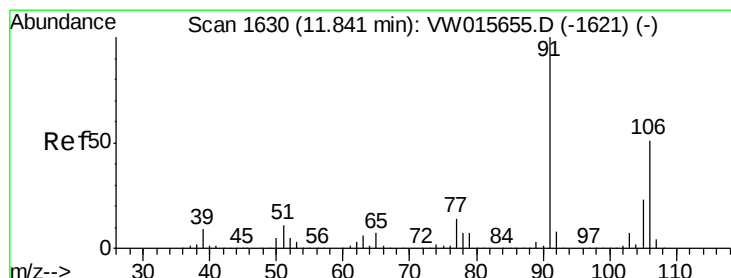
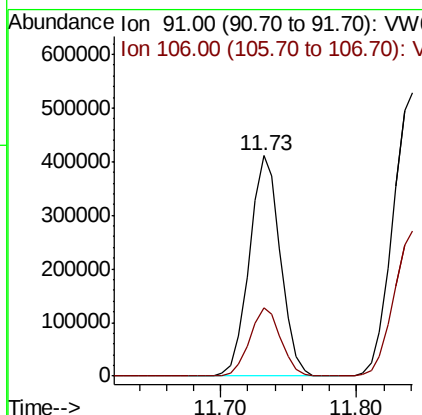
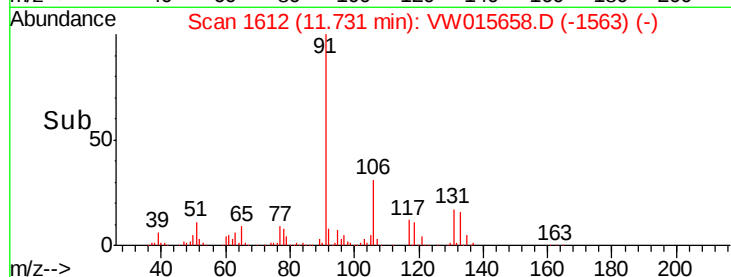
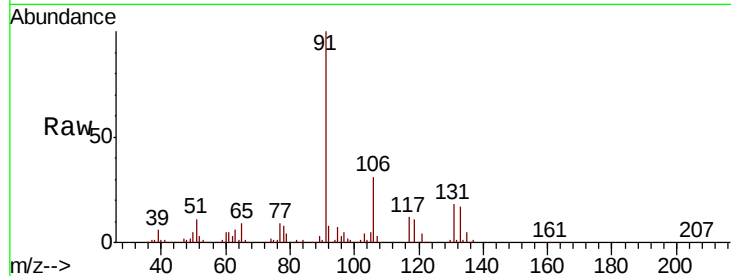




#67
Ethyl Benzene
Concen: 49.881 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

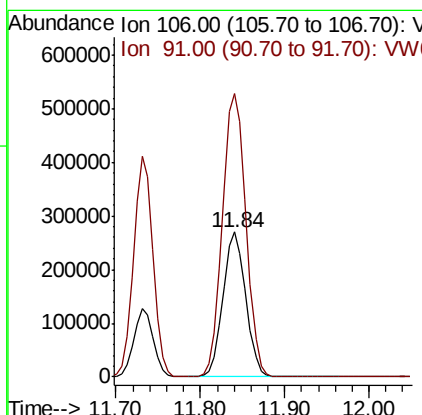
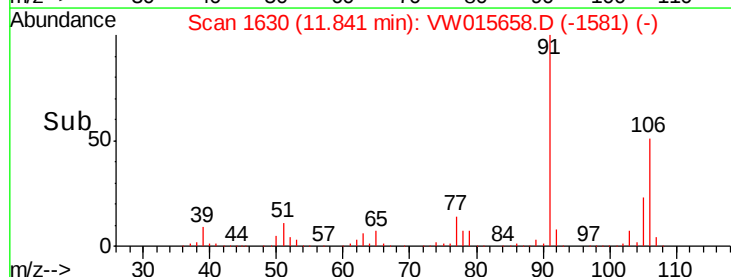
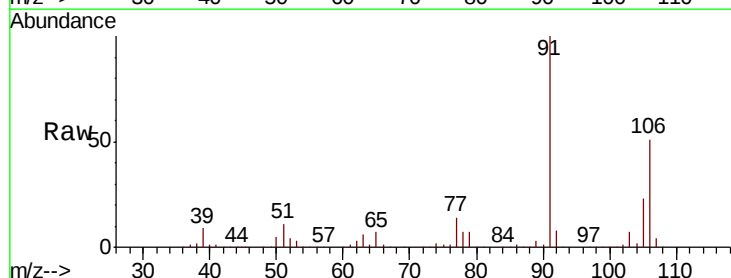
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

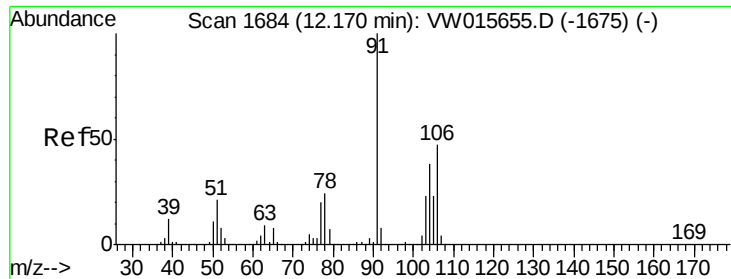
Tot Ion: 91 Resp: 655680
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1



#68
m/p-Xylenes
Concen: 100.870 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion: 106 Resp: 497882
Ion Ratio Lower Upper
106 100
91 203.4 162.6 244.0

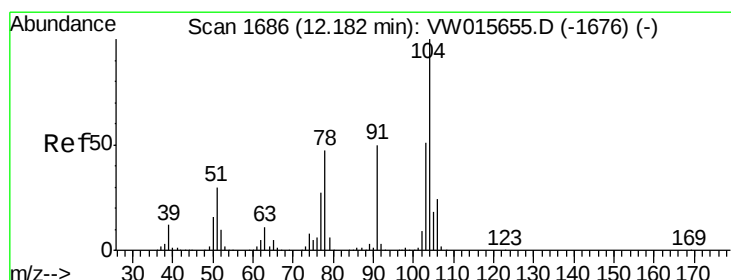
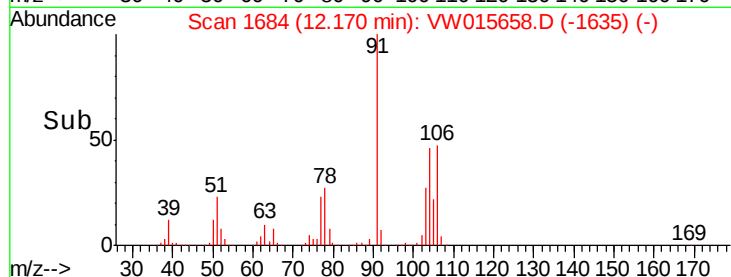
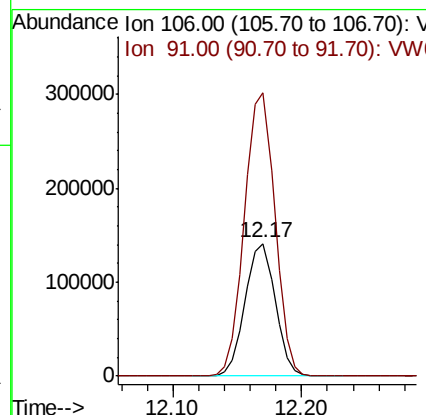
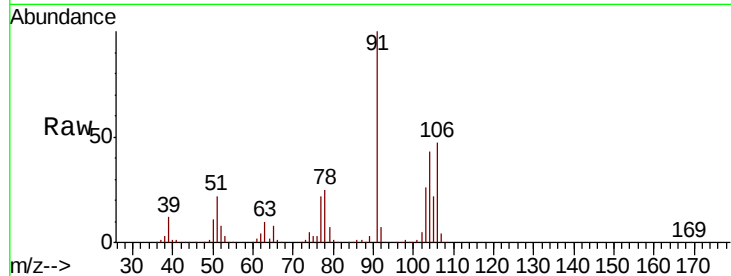




#69
o-Xylene
Concen: 50.444 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

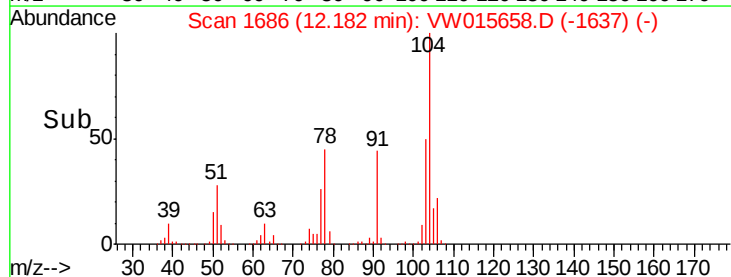
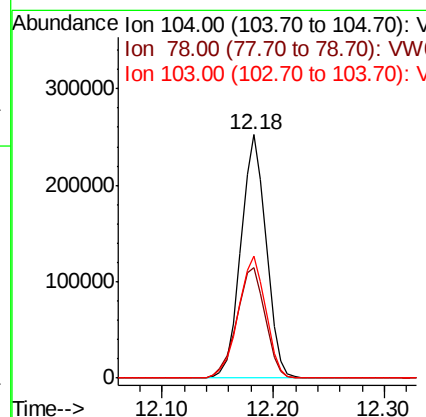
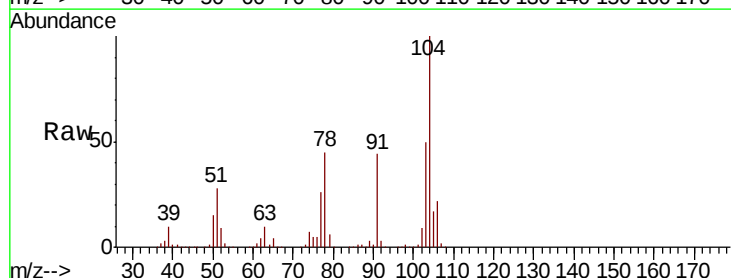
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

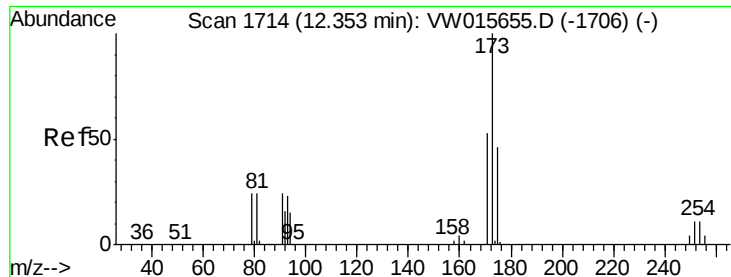
Tot Ion:106 Resp: 228930
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.9



#70
Styrene
Concen: 51.068 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion:104 Resp: 395974
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 54.6 43.1 64.7





#71

Bromoform

Concen: 51.778 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

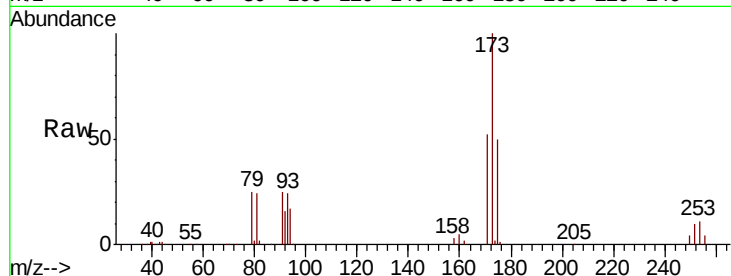
Tot Ion:173 Resp: 58999

Ion Ratio Lower Upper

173 100

175 47.7 23.5 70.6

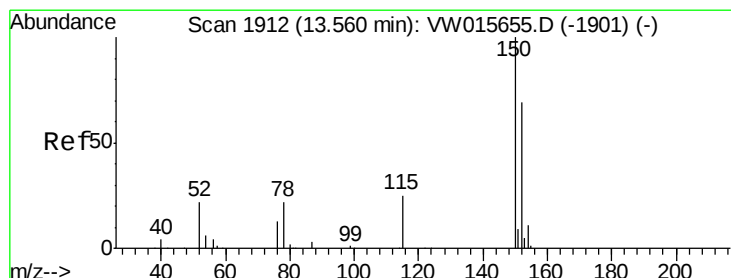
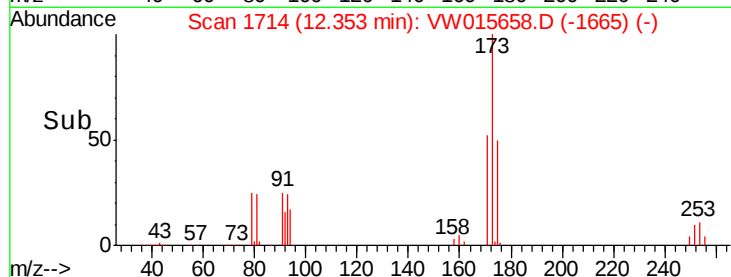
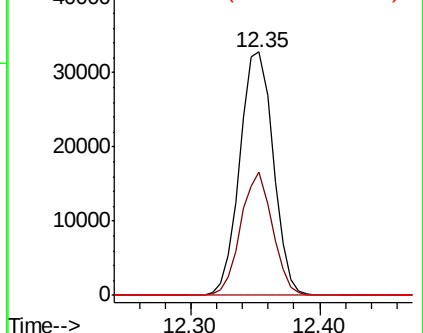
254 0.0 0.1 0.1#



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

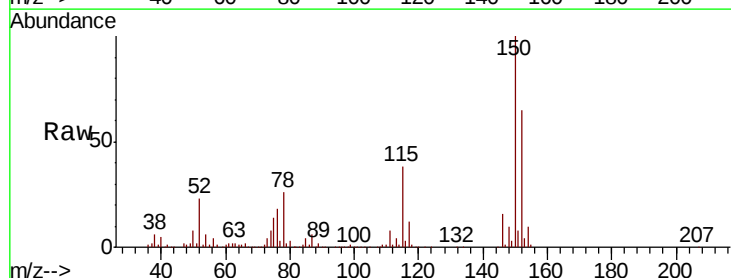
Tgt Ion:152 Resp: 166956

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.5

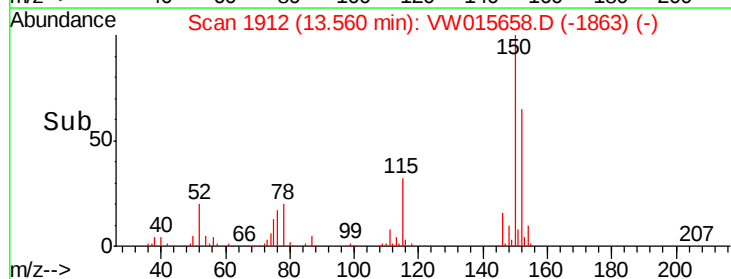
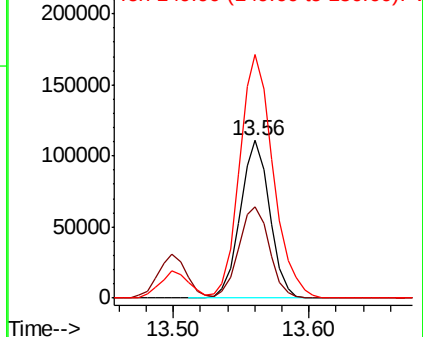
150 176.1 0.0 345.6

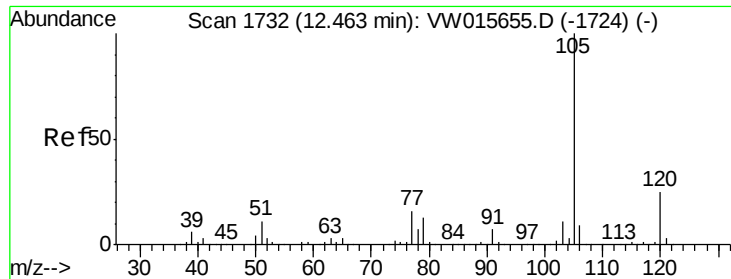


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.176 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

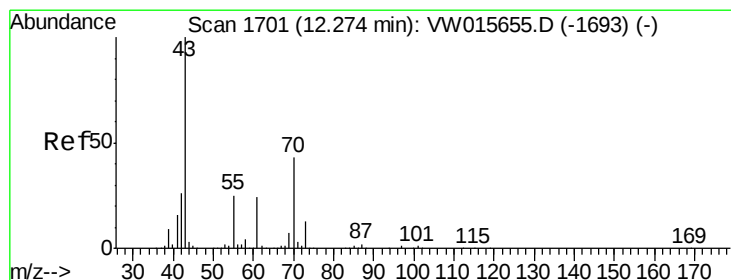
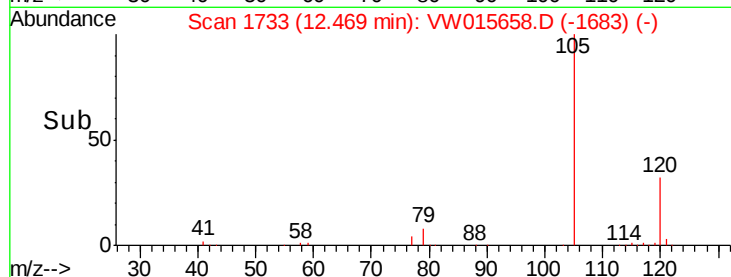
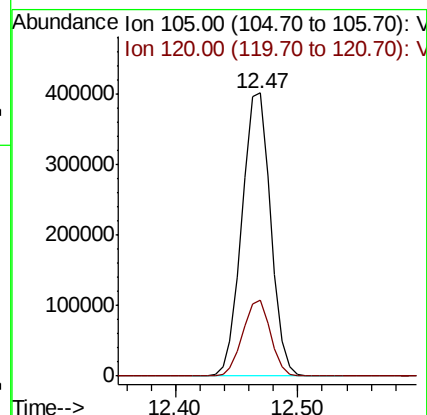
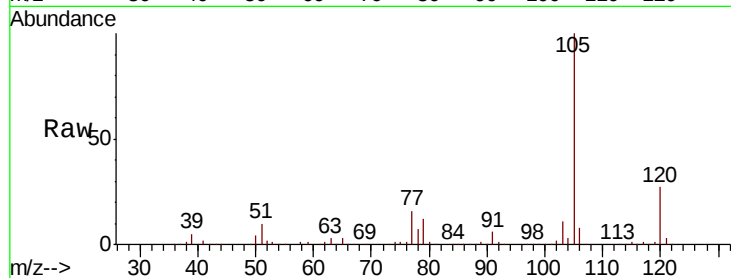
ICVW062320

Tot Ion:105 Resp: 651782

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#74

N-ethyl acetate

Concen: 53.044 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Tgt Ion: 43 Resp: 143211

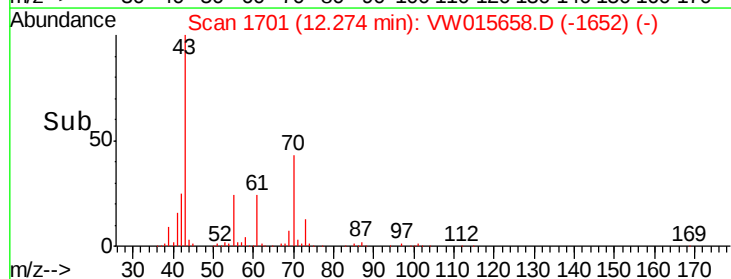
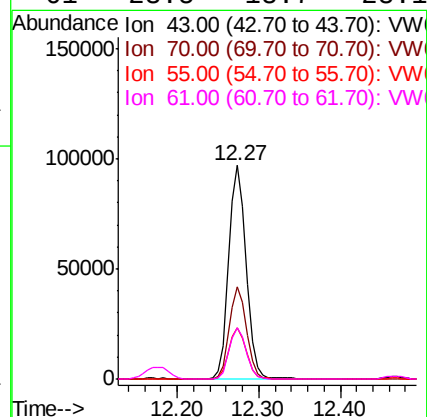
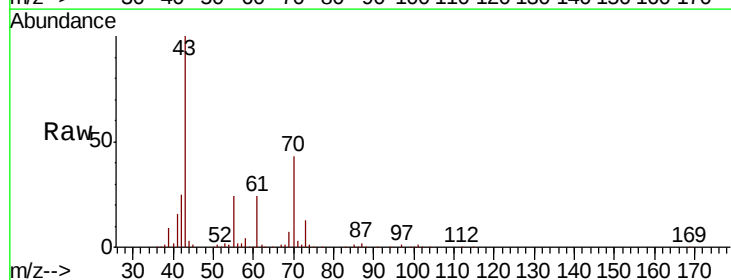
Ion Ratio Lower Upper

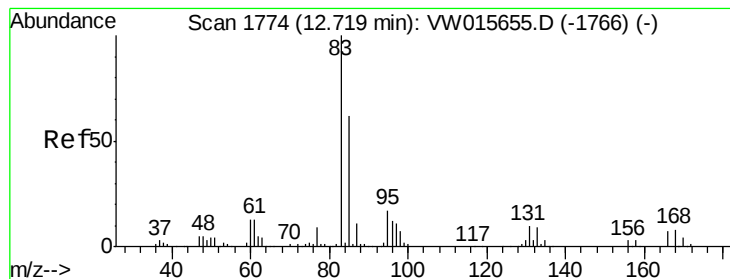
43 100

70 42.5 33.6 50.4

55 24.2 19.7 29.5

61 23.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.413 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

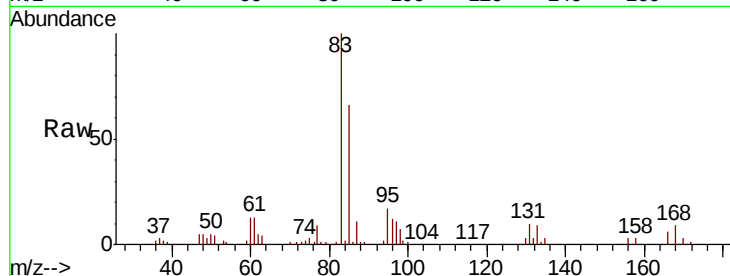
Tot Ion: 83 Resp: 102717

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

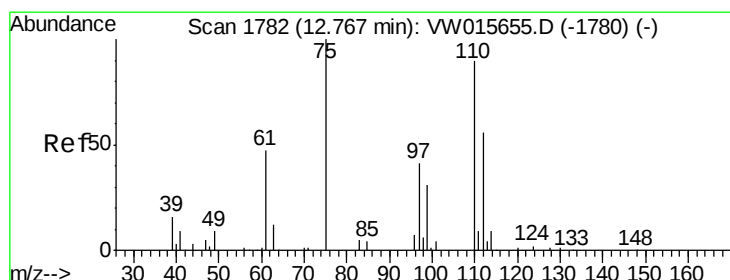
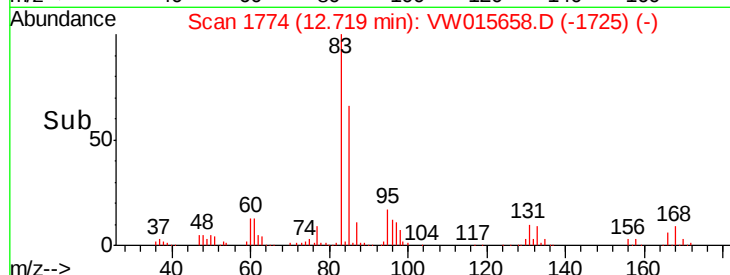
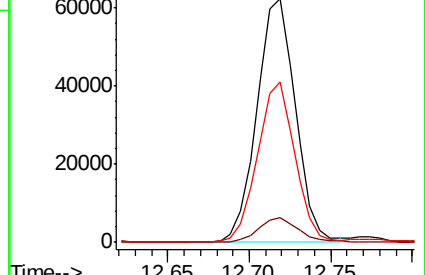
85 63.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 90.020 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015658.D

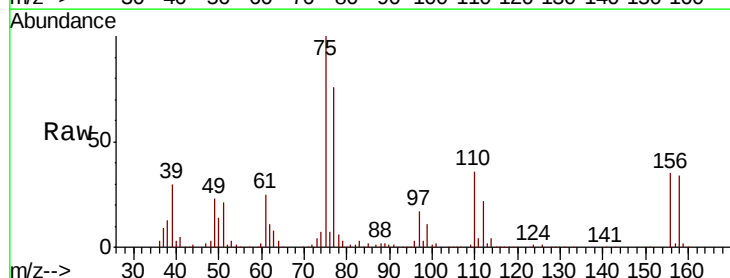
Acq: 23 Jun 2020 13:29

Tgt Ion: 75 Resp: 137091

Ion Ratio Lower Upper

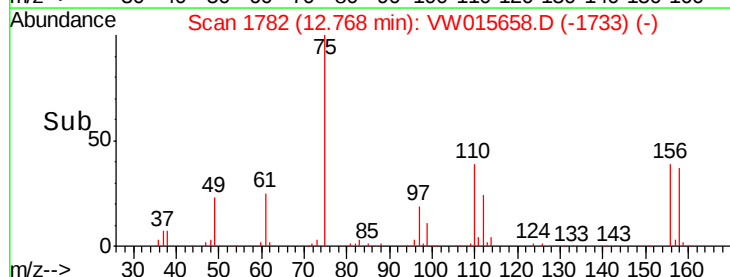
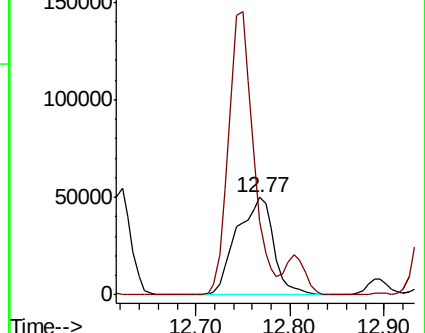
75 100

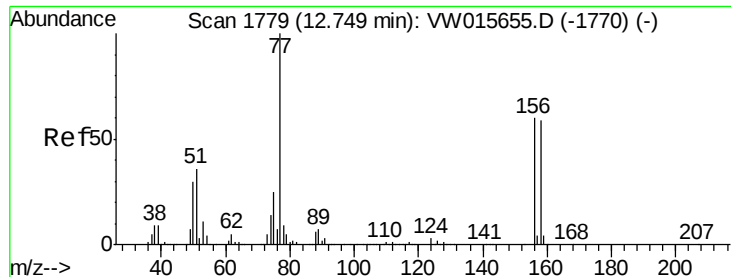
77 196.1 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.033 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

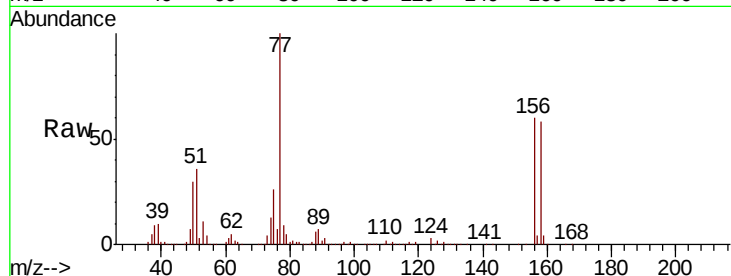
Tot Ion:156 Resp: 142089

Ion Ratio Lower Upper

156 100

77 189.2 94.5 283.5

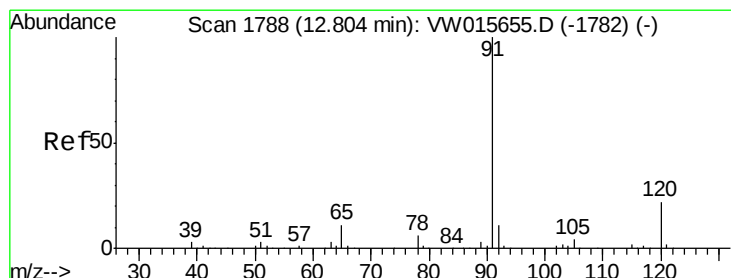
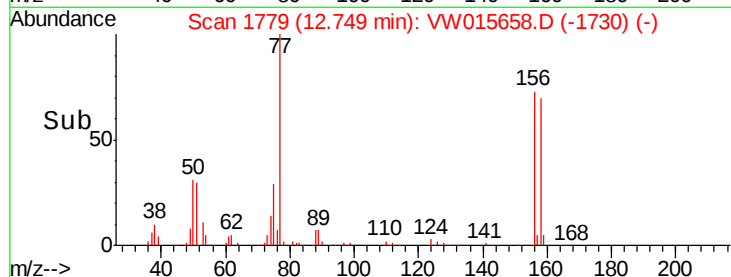
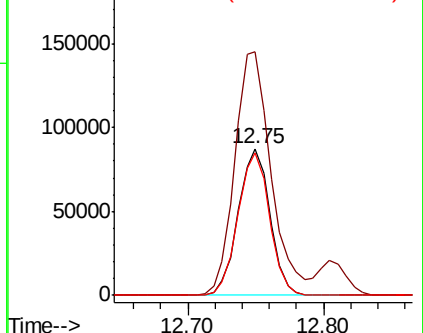
158 96.9 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.472 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015658.D

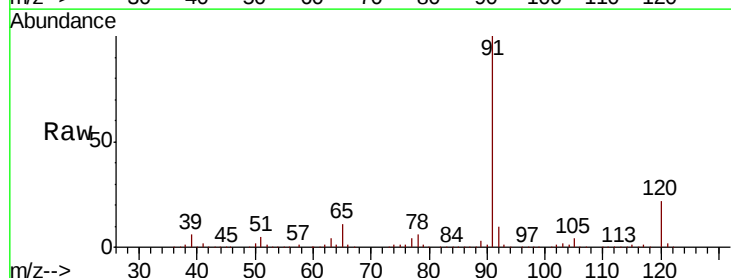
Acq: 23 Jun 2020 13:29

Tgt Ion: 91 Resp: 773739

Ion Ratio Lower Upper

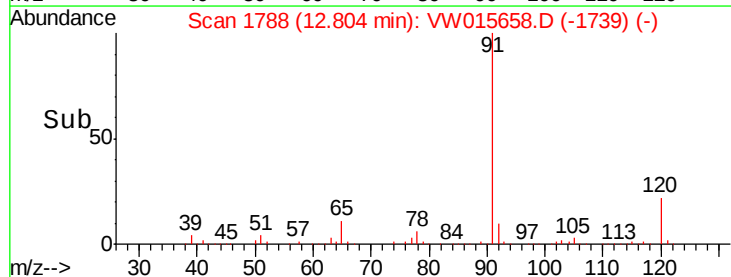
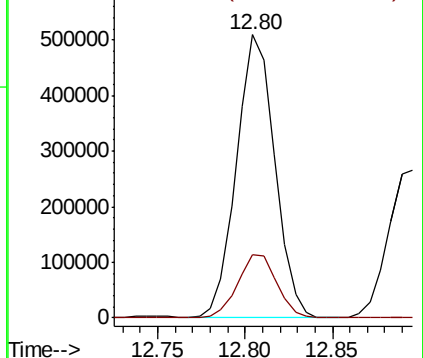
91 100

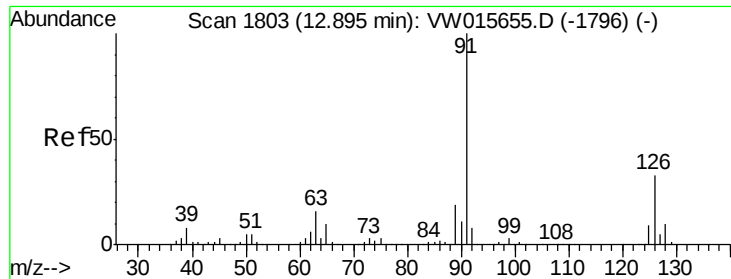
120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.484 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

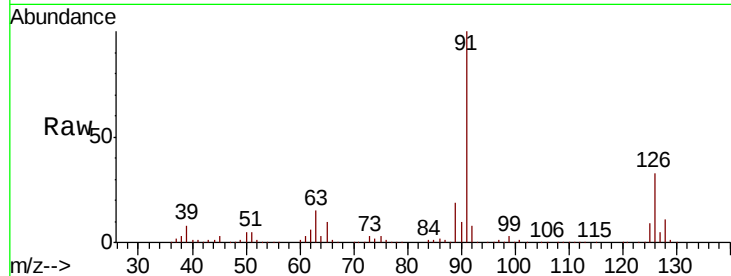
ICVW062320

Tot Ion: 91 Resp: 435763

Ion Ratio Lower Upper

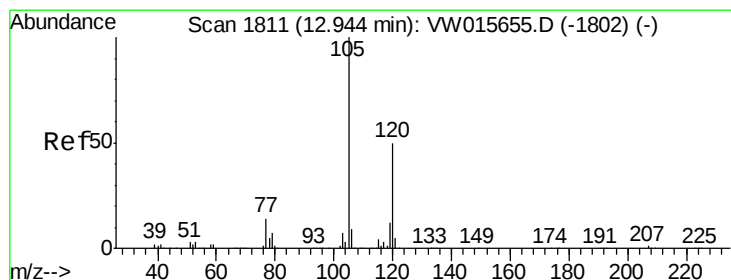
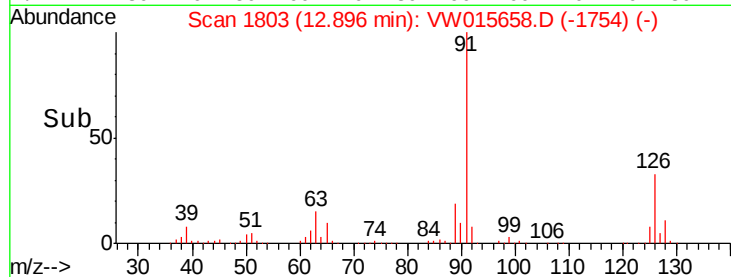
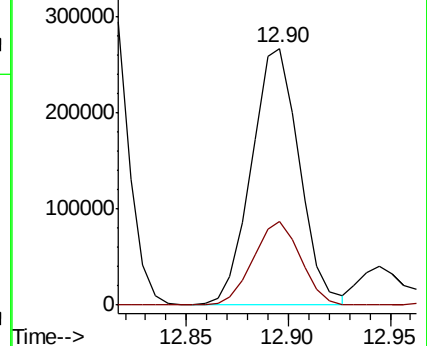
91 100

126 32.5 16.6 49.8



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: 50.126 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015658.D

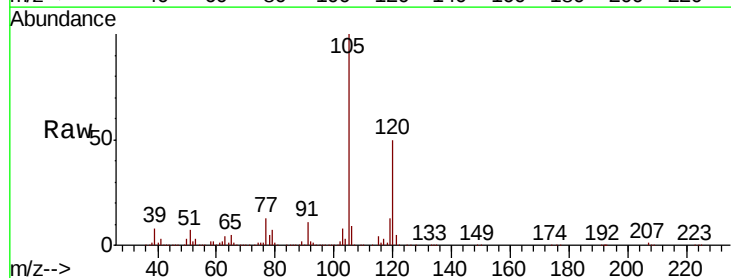
Acq: 23 Jun 2020 13:29

Tgt Ion:105 Resp: 540948

Ion Ratio Lower Upper

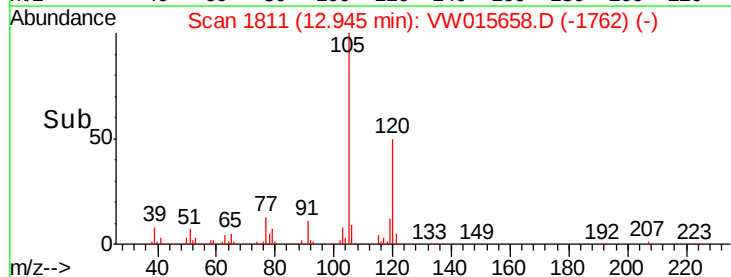
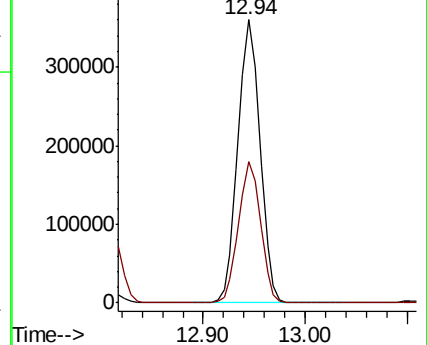
105 100

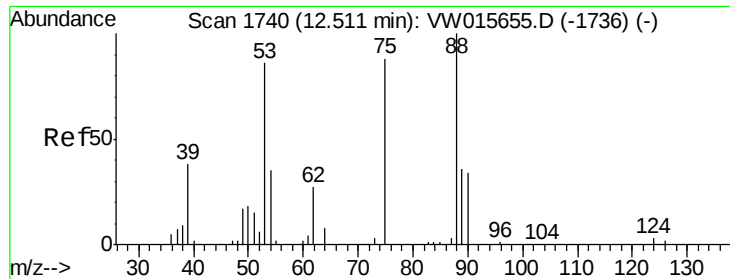
120 49.6 24.4 73.2



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: 55.562 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

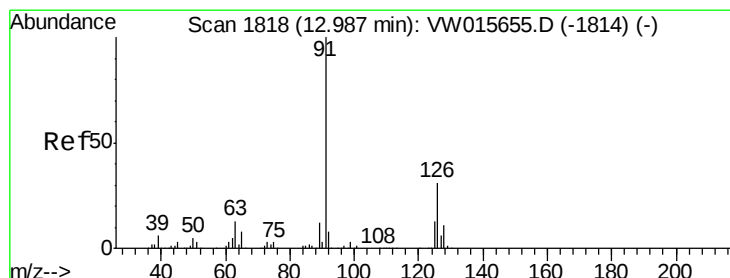
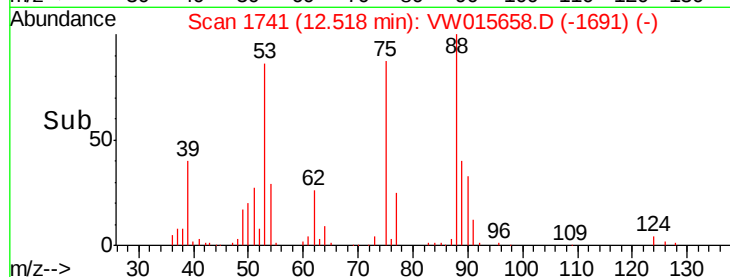
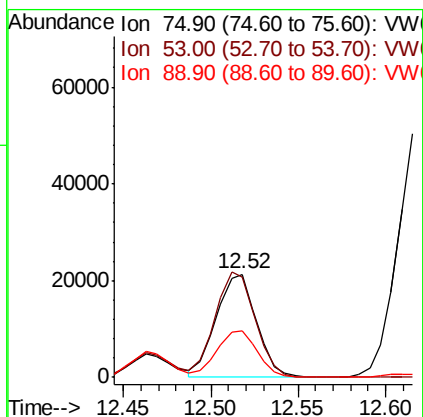
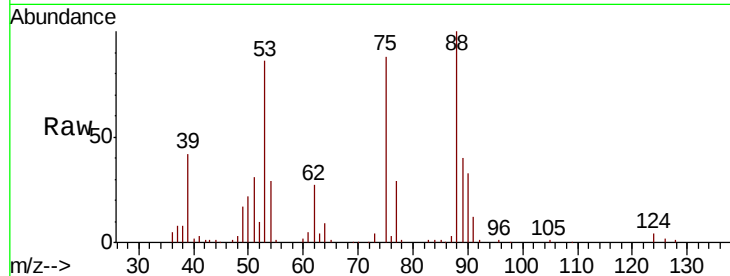
Tot Ion: 75 Resp: 33577

Ion Ratio Lower Upper

75 100

53 104.2 83.8 125.8

89 46.4 36.6 55.0



#82

4-Chlorotoluene

Concen: 49.540 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015658.D

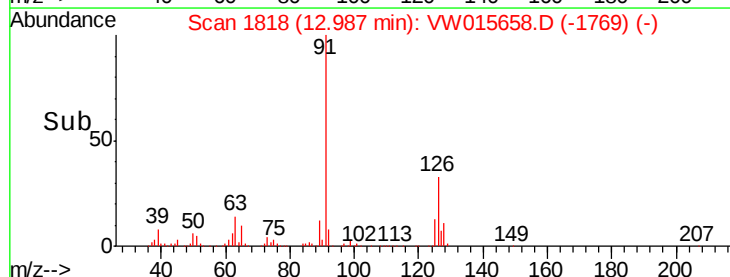
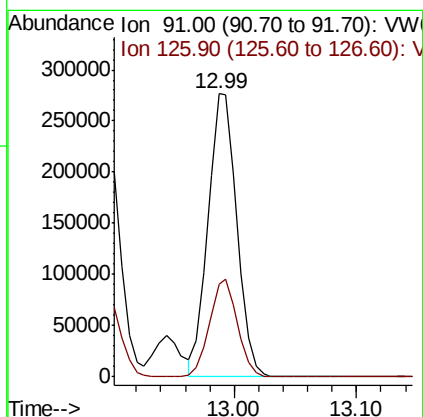
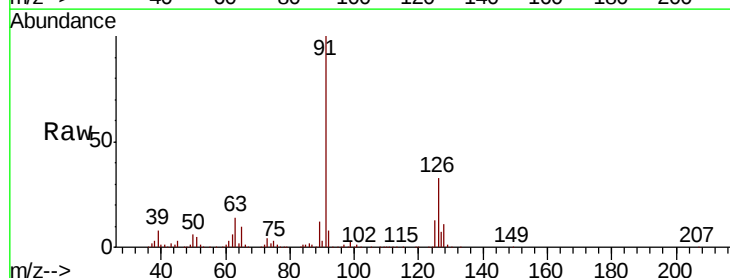
Acq: 23 Jun 2020 13:29

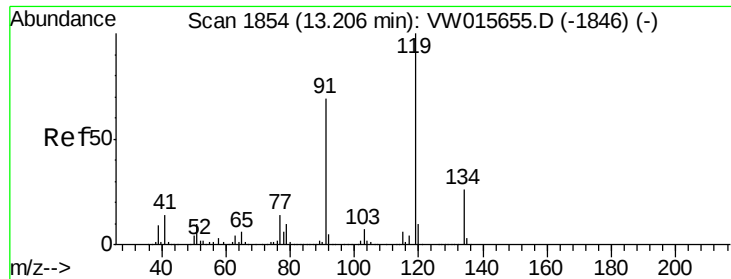
Tgt Ion: 91 Resp: 452394

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.9

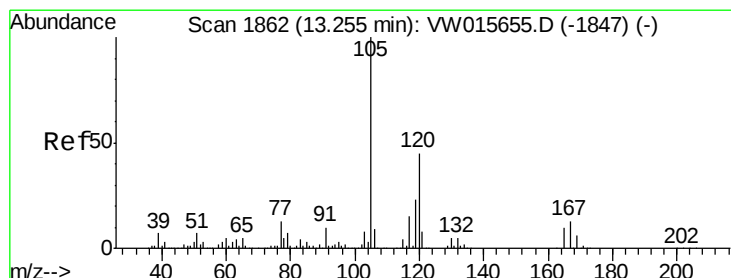
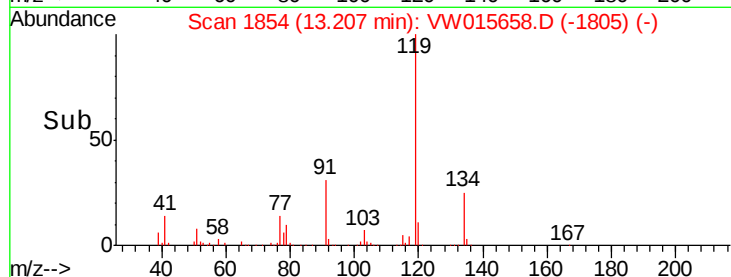
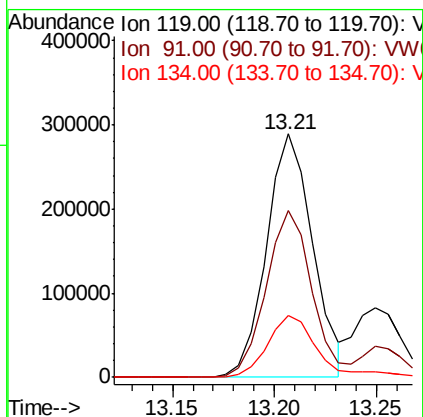
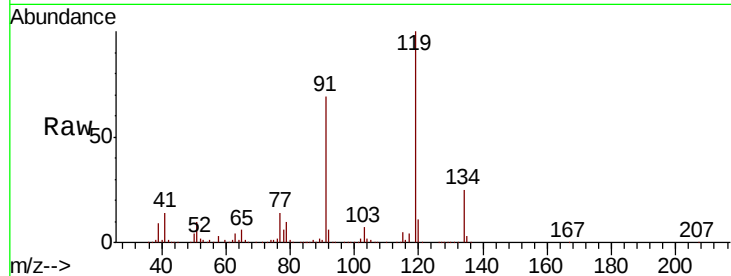




#83
tert-Butylbenzene
Concen: 50.086 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

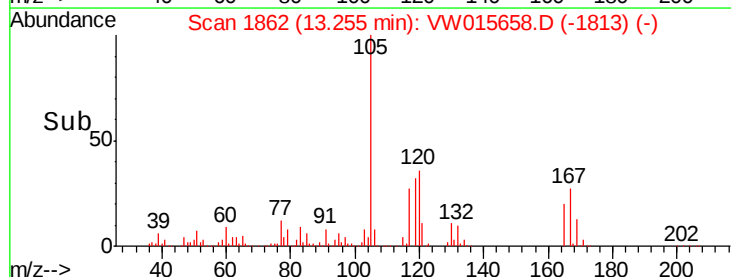
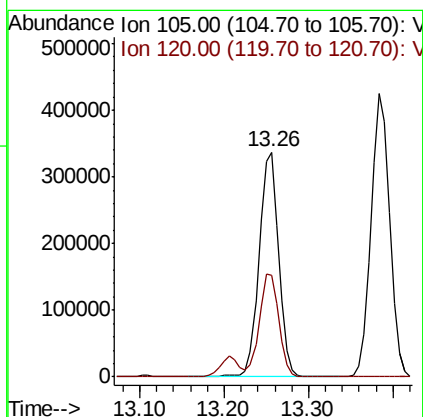
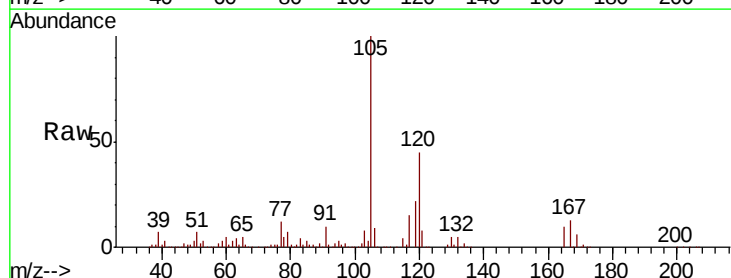
Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

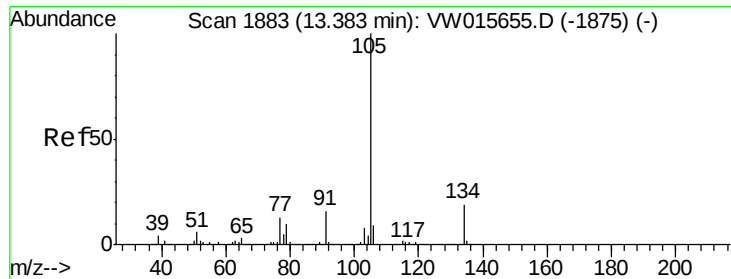
Tot Ion:119 Resp: 456694
Ion Ratio Lower Upper
119 100
91 68.5 34.7 104.1
134 27.5 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 49.813 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion:105 Resp: 536092
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 50.147 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

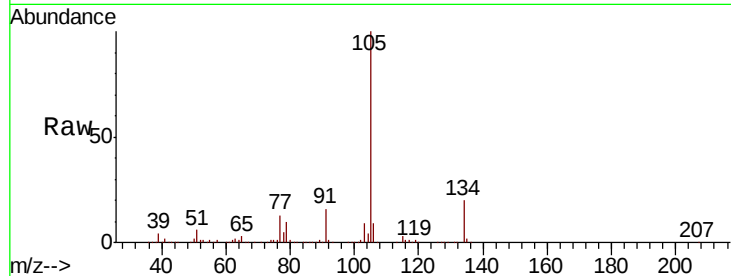
ICVW062320

Tot Ion:105 Resp: 653491

Ion Ratio Lower Upper

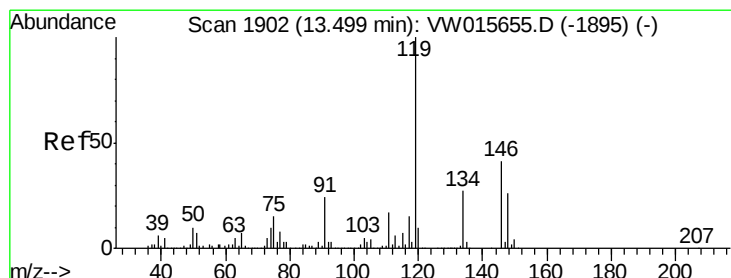
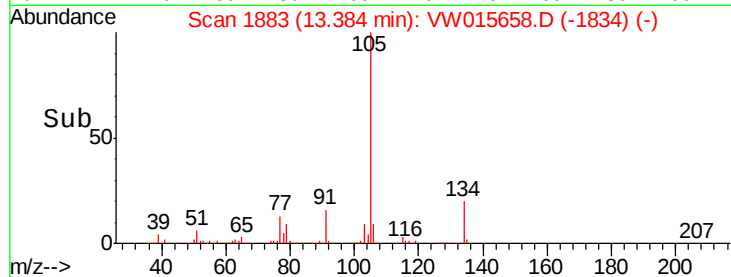
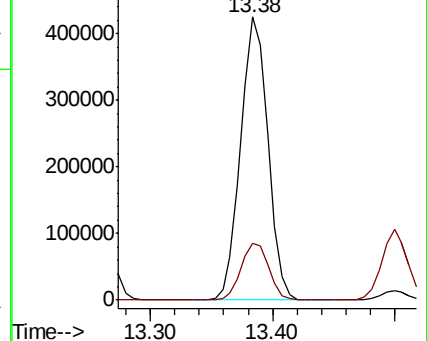
105 100

134 20.5 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.424 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

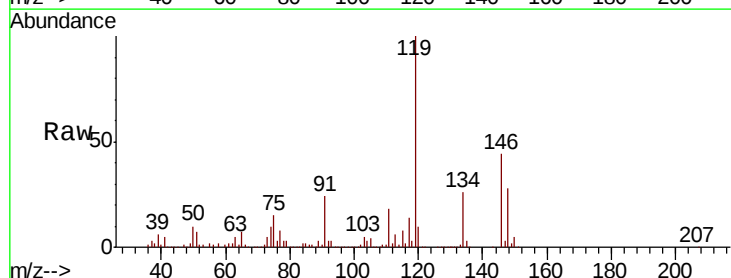
Tgt Ion:119 Resp: 597026

Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.4

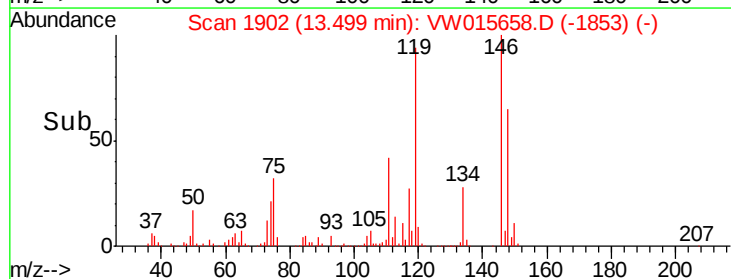
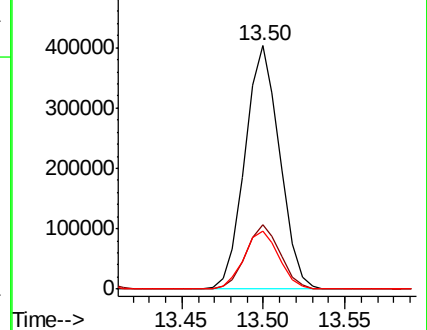
91 24.0 12.3 36.8

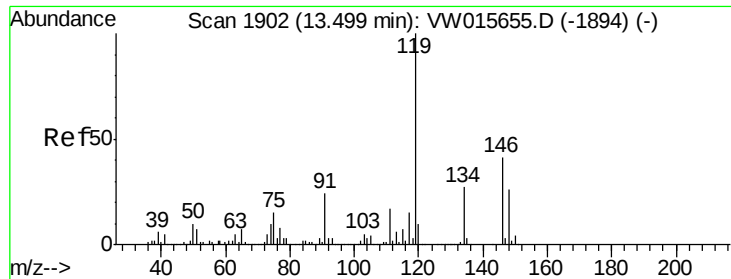


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.566 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

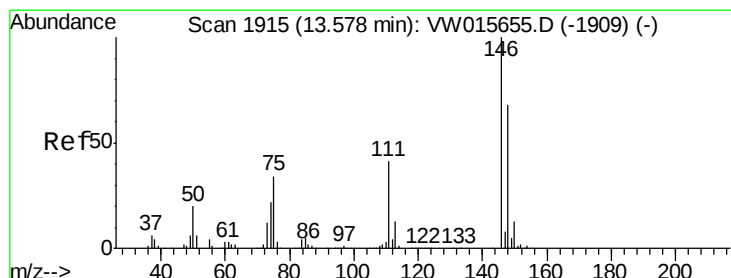
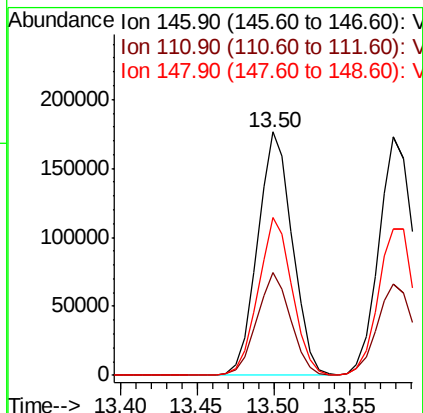
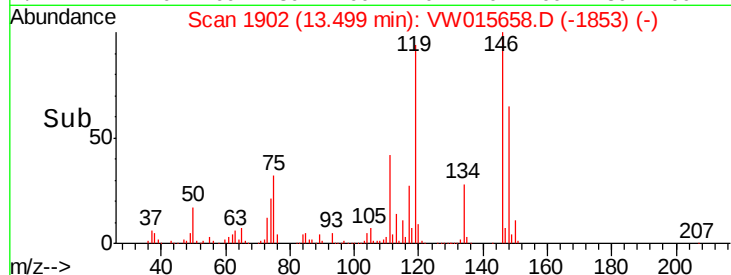
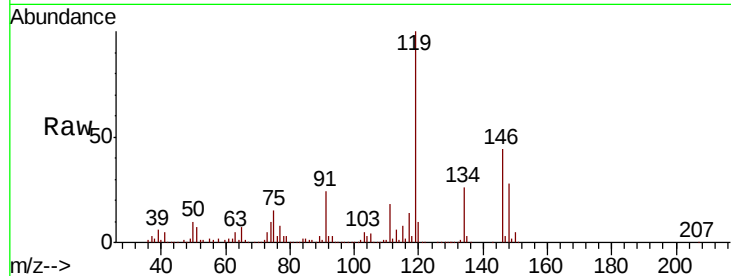
Tot Ion:146 Resp: 279431

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.8

148 63.4 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 48.893 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

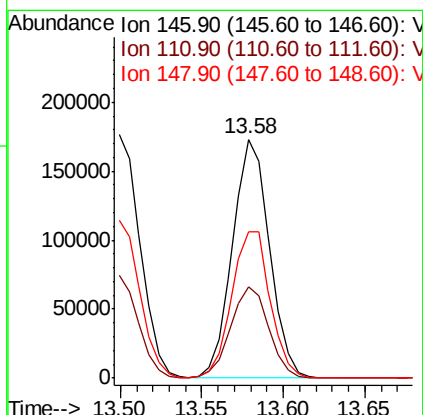
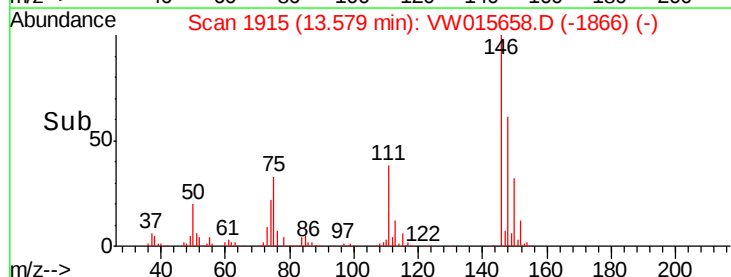
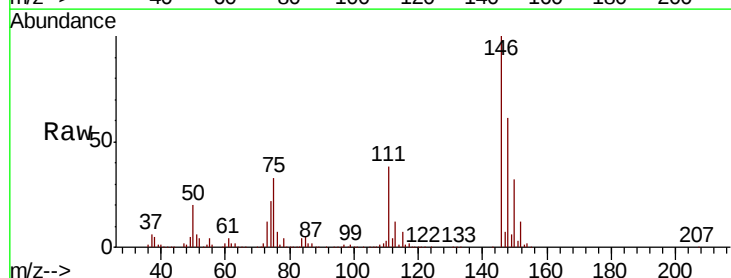
Tgt Ion:146 Resp: 272994

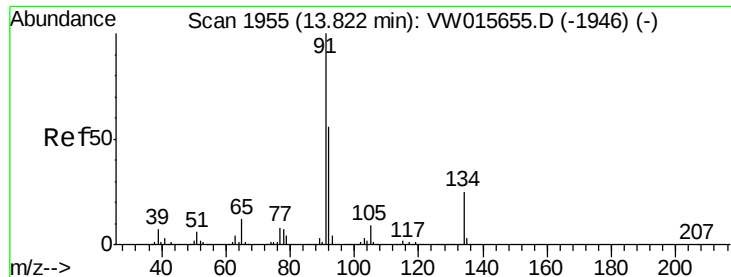
Ion Ratio Lower Upper

146 100

111 39.4 20.3 60.9

148 63.8 33.7 101.1





#89

n-Butylbenzene

Concen: 50.473 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015658.D

Acq: 23 Jun 2020 13:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW062320

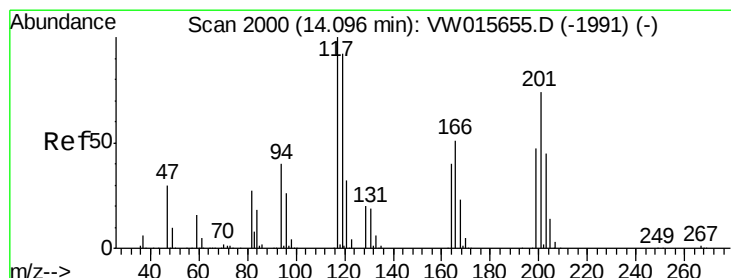
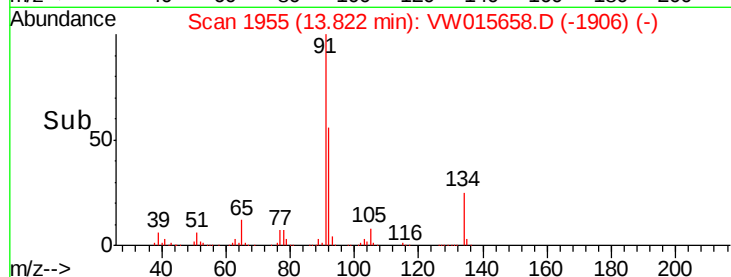
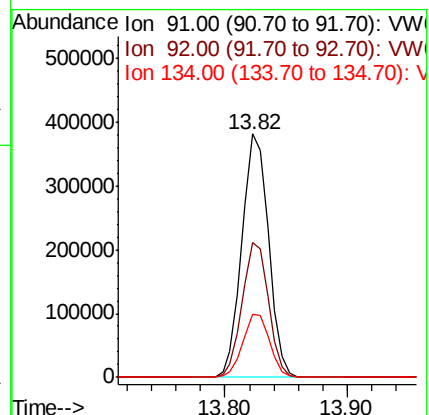
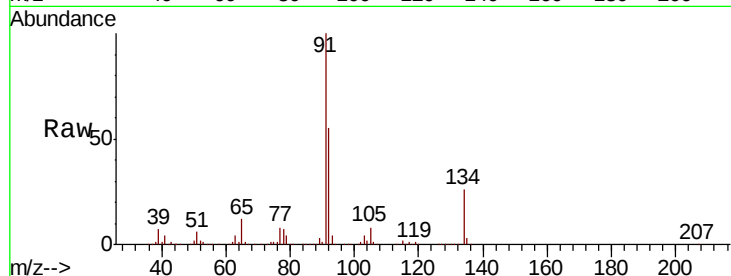
Tot Ion: 91 Resp: 573673

Ion Ratio Lower Upper

91 100

92 55.0 27.5 82.4

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 50.701 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015658.D

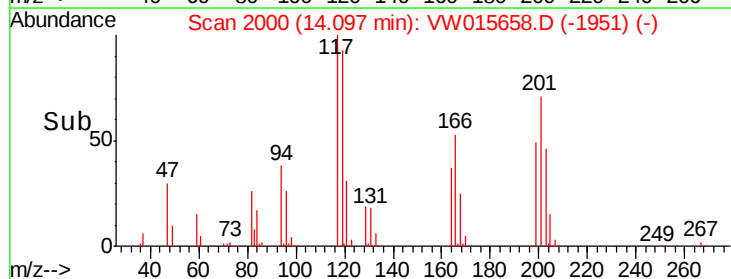
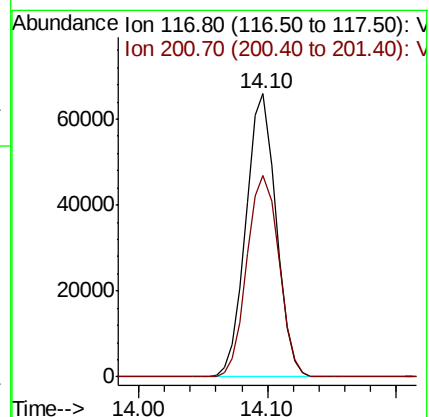
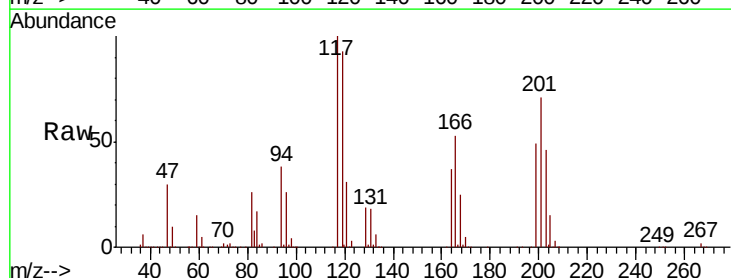
Acq: 23 Jun 2020 13:29

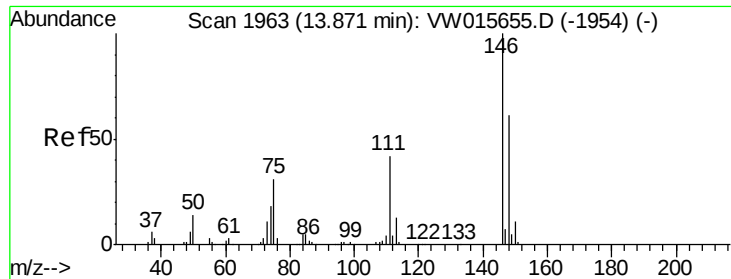
Tgt Ion: 117 Resp: 106830

Ion Ratio Lower Upper

117 100

201 75.4 37.1 111.5

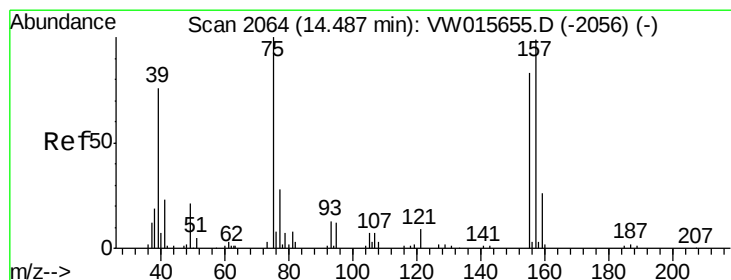
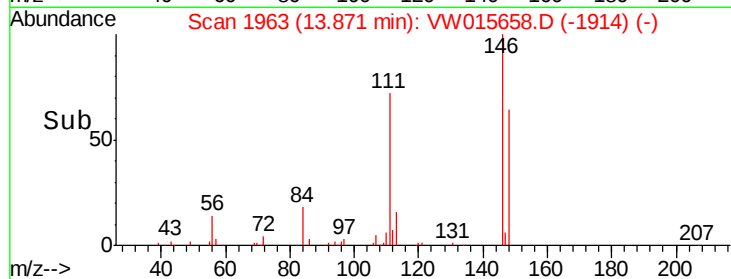
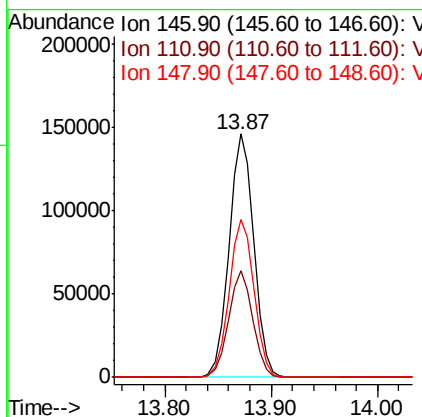
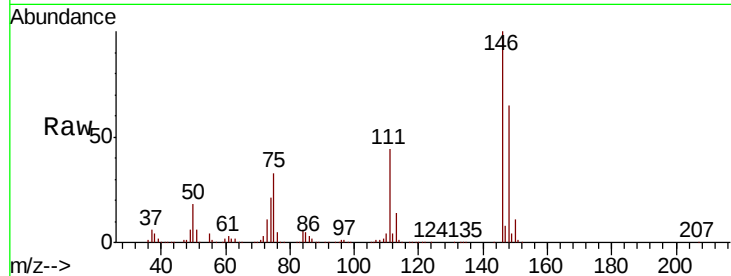




#91
 1,2-Dichlorobenzene
 Concen: 48.791 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

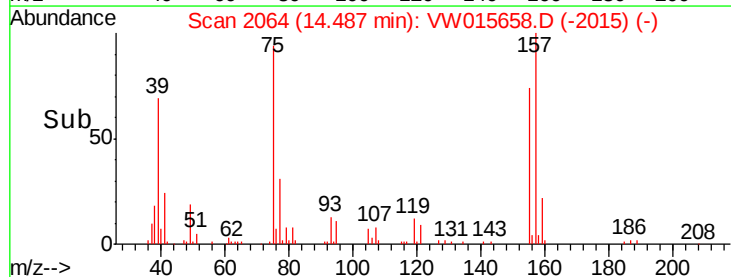
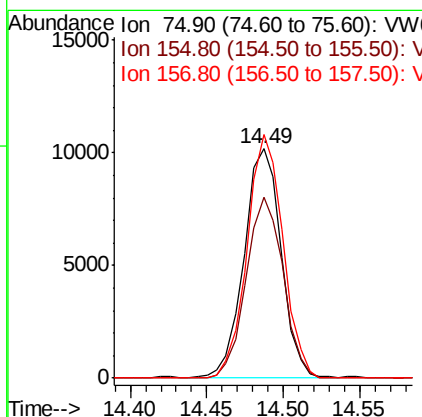
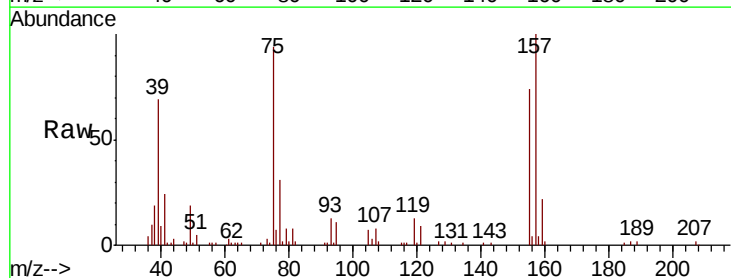
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

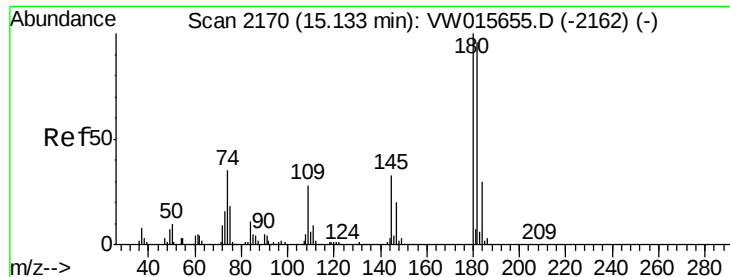
Tot Ion:146 Resp: 237830
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 63.7
 148 65.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.835 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Tgt Ion: 75 Resp: 17238
 Ion Ratio Lower Upper
 75 100
 155 78.4 40.8 122.2
 157 102.0 50.7 152.1

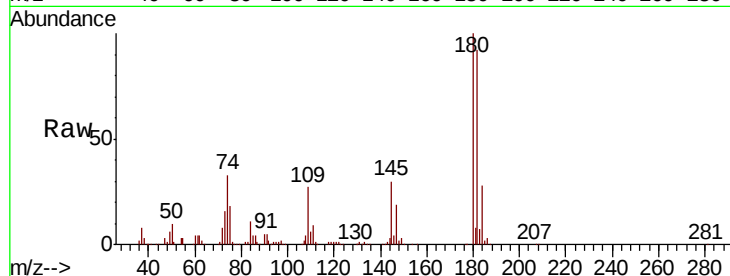




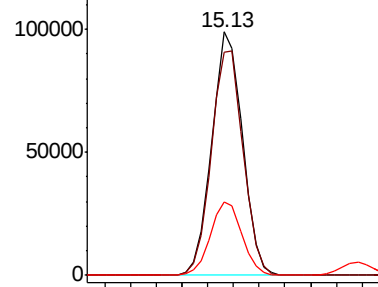
#93
 1,2,4-Trichlorobenzene
 Concen: 50.530 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

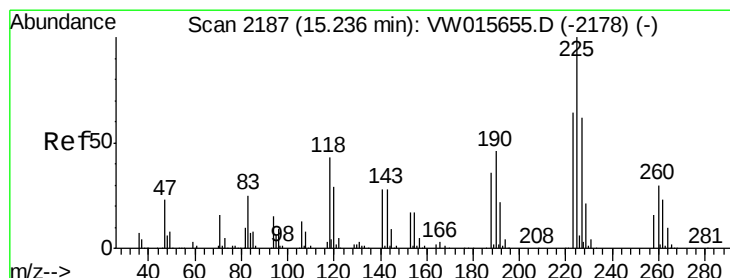
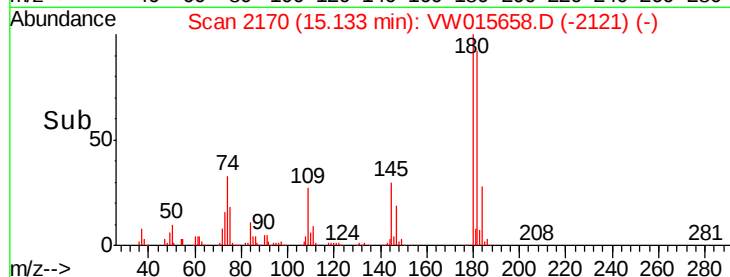
Tot Ion:180 Resp: 162651
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.6
 145 31.1 15.6 46.7



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

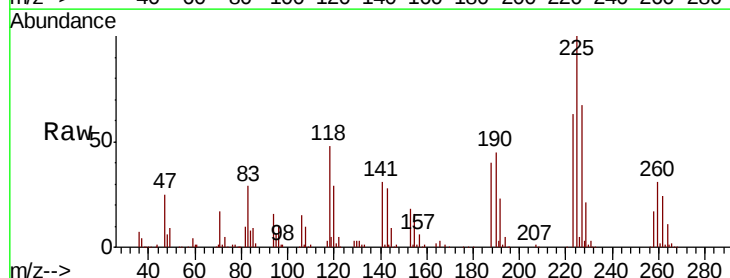


Time-->

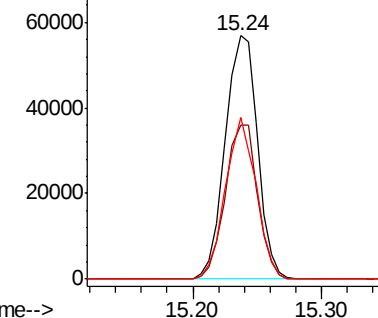


#94
 Hexachlorobutadiene
 Concen: 47.988 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015658.D
 Acq: 23 Jun 2020 13:29

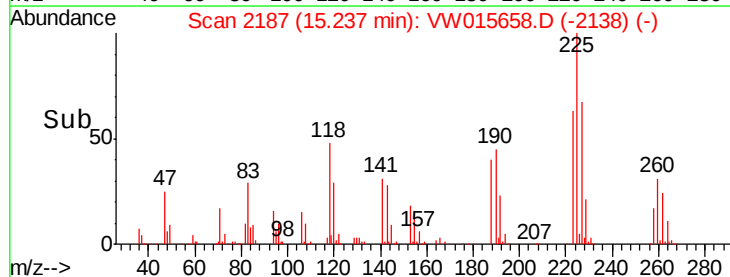
Tgt Ion:225 Resp: 98406
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.0 93.0
 227 62.9 31.9 95.9

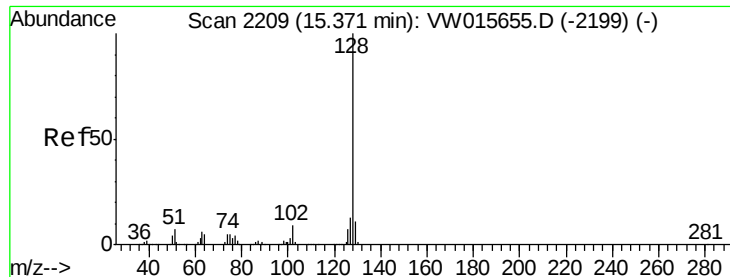


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

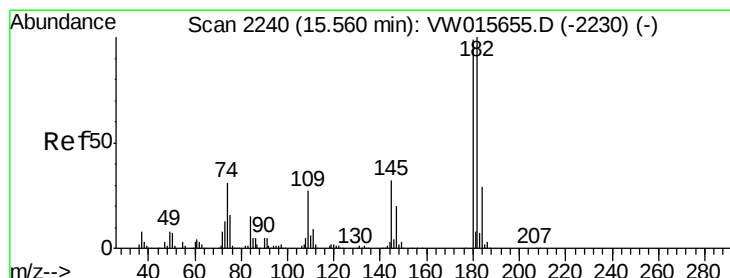
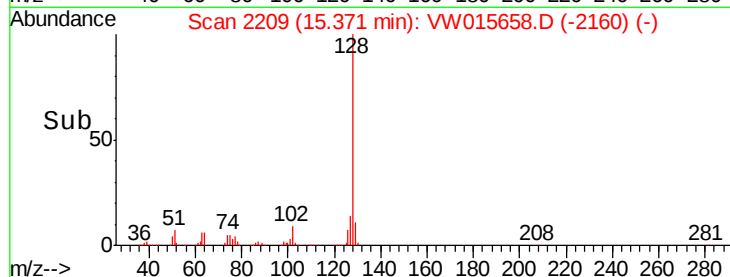
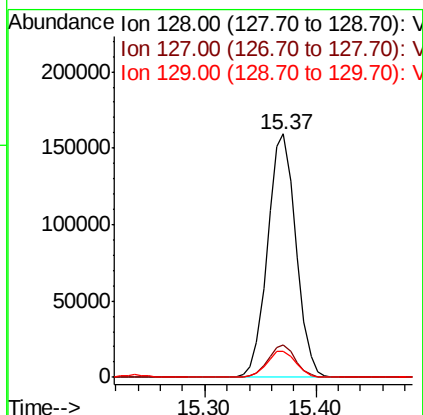
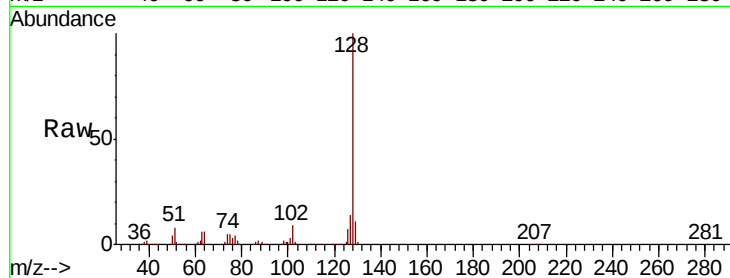




#95
Naphthalene
Concen: 53.152 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW062320

Tot Ion:128 Resp: 282976
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.937 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015658.D
Acq: 23 Jun 2020 13:29

Tgt Ion:180 Resp: 135623
Ion Ratio Lower Upper
180 100
182 96.1 49.0 147.0
145 32.6 16.4 49.2

