

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016864.D
 Acq On : 09 Oct 2020 16:34
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

Quant Time: Oct 10 05:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	384047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	559371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	497556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	167358	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.88	113	179003	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.32	98	668076	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	239968	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	102766	55.107	ug/l	99
3) Chloromethane	2.22	50	117671	51.234	ug/l	95
4) Vinyl Chloride	2.37	62	167026	50.289	ug/l	100
5) Bromomethane	2.79	94	131173	51.424	ug/l	99
6) Chloroethane	2.93	64	110942	52.489	ug/l	98
7) Trichlorofluoromethane	3.26	101	129041	53.365	ug/l	94
8) Diethyl Ether	3.68	74	82097	54.358	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	168222	51.666	ug/l	99
10) Methyl Iodide	4.28	142	277481	53.308	ug/l	98
11) Tert butyl alcohol	5.21	59	44699	292.791	ug/l #	85
12) 1,1-Dichloroethene	4.05	96	168551	52.445	ug/l	98
13) Acrolein	3.90	56	56098	271.803	ug/l	97
14) Allyl chloride	4.67	41	206579	53.698	ug/l	100
15) Acrylonitrile	5.37	53	142407	283.265	ug/l	99
16) Acetone	4.14	43	132197	261.289	ug/l	96
17) Carbon Disulfide	4.39	76	446328	52.198	ug/l	99
18) Methyl Acetate	4.68	43	64540	55.617	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	195792	56.524	ug/l	98
20) Methylene Chloride	4.92	84	182512	55.134	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	189273	52.460	ug/l	97
22) Diisopropyl ether	6.31	45	378861	54.186	ug/l	95
23) Vinyl Acetate	6.26	43	1284310	286.664	ug/l	99
24) 1,1-Dichloroethane	6.22	63	293262	52.895	ug/l	99
25) 2-Butanone	7.18	43	191802	284.362	ug/l	98
26) 2,2-Dichloropropane	7.17	77	175627	51.776	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	203671	52.706	ug/l	99
28) Bromochloromethane	7.52	49	120934	54.501	ug/l #	2
29) Tetrahydrofuran	7.54	42	109382	289.520	ug/l	99
30) Chloroform	7.68	83	318183	52.791	ug/l	98
31) Cyclohexane	7.96	56	230236	48.686	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	270229	53.154	ug/l	100
36) 1,1-Dichloropropene	8.09	75	248686	51.432	ug/l	100
37) Ethyl Acetate	7.26	43	88197	55.824	ug/l	99
38) Carbon Tetrachloride	8.07	117	264649	52.636	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	292622	53.064	ug/l	98
40) Benzene	8.33	78	698272	51.824	ug/l	98
41) Methacrylonitrile	7.49	41	55442	59.219	ug/l	92
42) 1,2-Dichloroethane	8.40	62	198220	53.783	ug/l	99
43) Isopropyl Acetate	8.43	43	174252	57.573	ug/l	99
44) Trichloroethene	9.09	130	216194	51.840	ug/l	100
45) 1,2-Dichloropropane	9.37	63	161332	52.506	ug/l	100
46) Dibromomethane	9.46	93	95089	54.106	ug/l	98
47) Bromodichloromethane	9.65	83	237138	54.267	ug/l	98
48) Methyl methacrylate	9.44	41	81511	58.442	ug/l	97
49) 1,4-Dioxane	9.47	88	23152	1145.271	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	433341	283.015	ug/l	100
52) Toluene	10.39	92	465666	52.282	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	226781	57.007	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	264795	54.495	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	132824	53.096	ug/l	98
56) Ethyl methacrylate	10.65	69	157999	58.059	ug/l	100
57) 1,3-Dichloropropane	10.93	76	223056	53.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	413489	274.191	ug/l	99
59) 2-Hexanone	10.97	43	294376	290.576	ug/l	98
60) Dibromochloromethane	11.13	129	167703	54.657	ug/l	99
61) 1,2-Dibromoethane	11.24	107	135126	54.544	ug/l	100
64) Tetrachloroethene	10.87	164	178357	50.314	ug/l	93
65) Chlorobenzene	11.66	112	516866	52.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	189975	55.044	ug/l	98
67) Ethyl Benzene	11.73	91	912091	53.633	ug/l	99
68) m/p-Xylenes	11.84	106	712061	107.658	ug/l	98
69) o-Xylene	12.17	106	333447	54.937	ug/l	99
70) Styrene	12.18	104	563808	55.813	ug/l	100
71) Bromoform	12.35	173	100555	58.034	ug/l #	98
73) Isopropylbenzene	12.46	105	921120	54.280	ug/l	100
74) N-amyl acetate	12.27	43	161709	59.326	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	147737	55.486	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	185281	97.257	ug/l	26
77) Bromobenzene	12.75	156	222149	52.958	ug/l	97
78) n-propylbenzene	12.80	91	1058068	54.065	ug/l	100
79) 2-Chlorotoluene	12.90	91	603034	54.016	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	779400	54.804	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42562	60.052	ug/l	99
82) 4-Chlorotoluene	12.99	91	626460	54.357	ug/l	99
83) tert-Butylbenzene	13.21	119	678615	54.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	776758	54.814	ug/l	100
85) sec-Butylbenzene	13.38	105	929860	54.084	ug/l	99
86) p-Isopropyltoluene	13.50	119	888325	55.487	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	438108	54.008	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	424031	53.045	ug/l	100
89) n-Butylbenzene	13.82	91	788280	54.656	ug/l	98
90) Hexachloroethane	14.10	117	138444	56.043	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	393819	56.268	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23756	58.261	ug/l	97

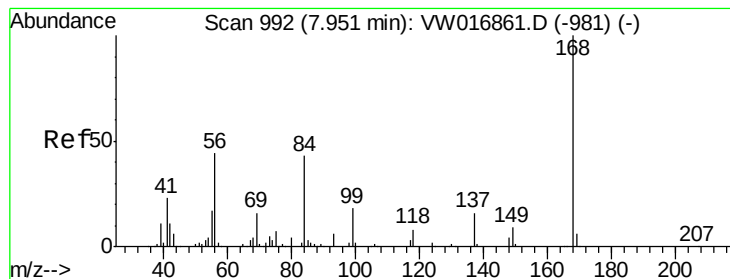
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101020\
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Quant Title : SW846 8260
QLast Update : Sat Oct 10 05:14:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	281694	58.331	ug/l	100
94) Hexachlorobutadiene	15.24	225	167240	53.422	ug/l	98
95) Naphthalene	15.37	128	488516	62.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	244931	58.300	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: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

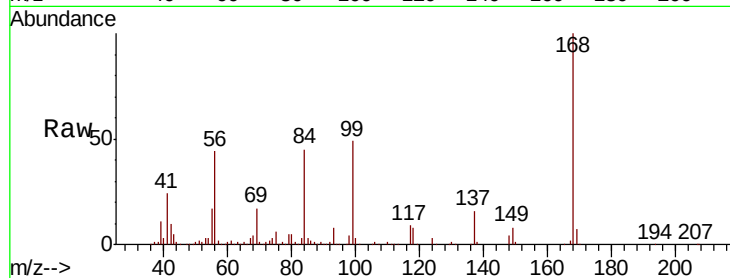
ICVWV101020

Tot Ion:168 Resp: 384047

Ion Ratio Lower Upper

168 100

99 49.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

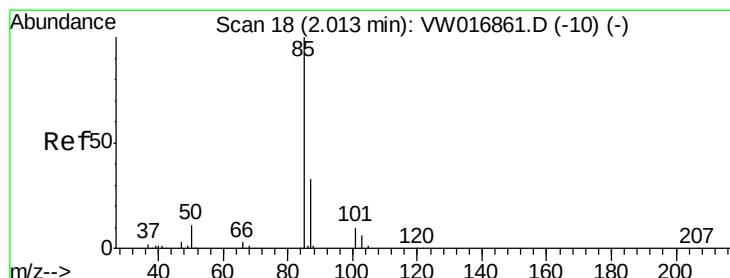
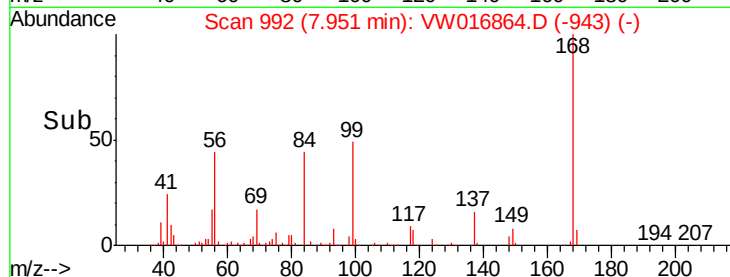
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 55.107 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016864.D

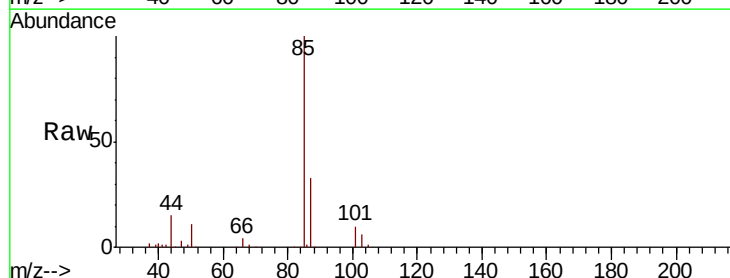
Acq: 09 Oct 2020 16:34

Tgt Ion: 85 Resp: 102766

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

30000

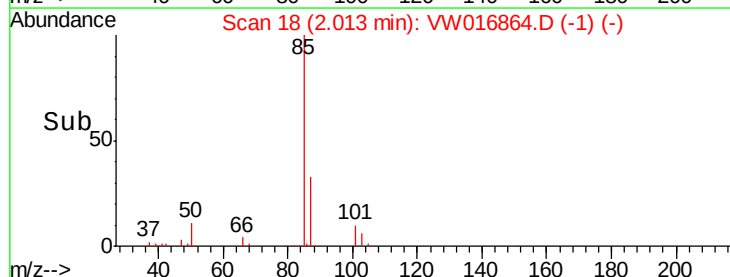
20000

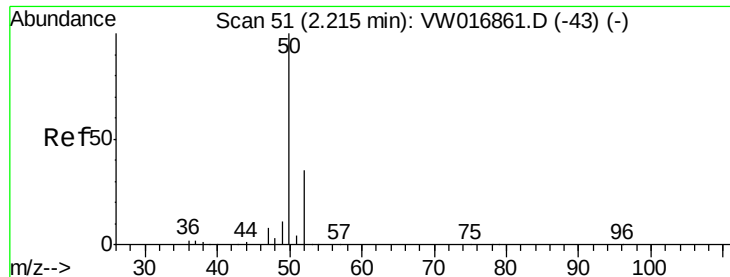
10000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 51.234 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

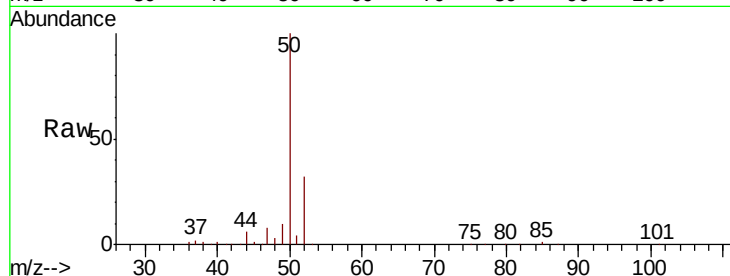
ICVWV101020

Tot Ion: 50 Resp: 117671

Ion Ratio Lower Upper

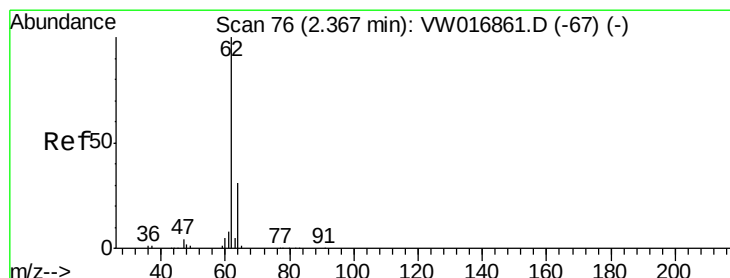
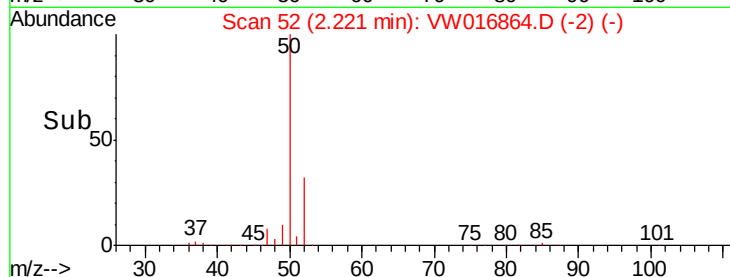
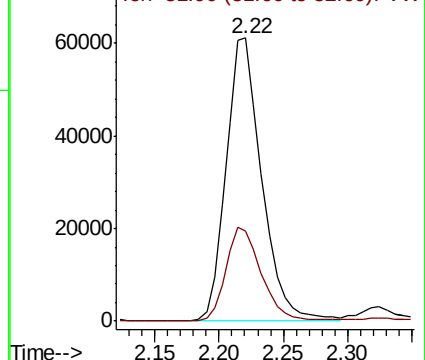
50 100

52 31.7 27.6 41.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 50.289 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016864.D

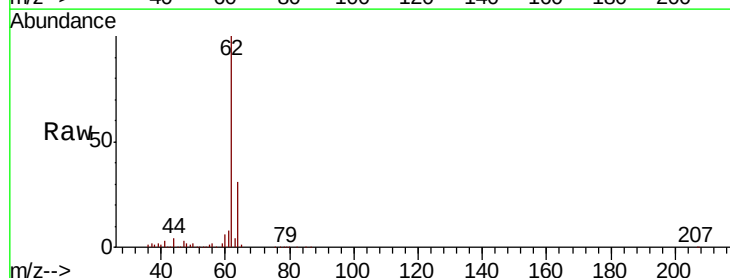
Acq: 09 Oct 2020 16:34

Tgt Ion: 62 Resp: 167026

Ion Ratio Lower Upper

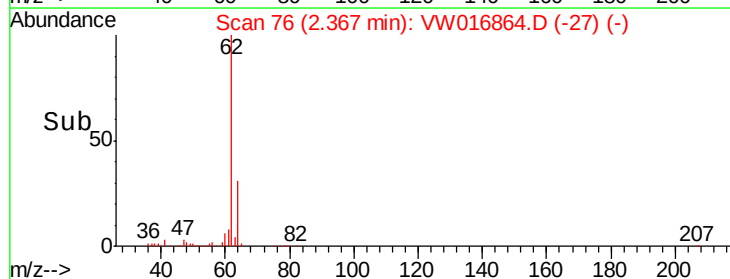
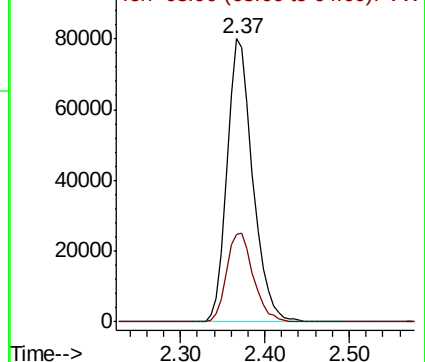
62 100

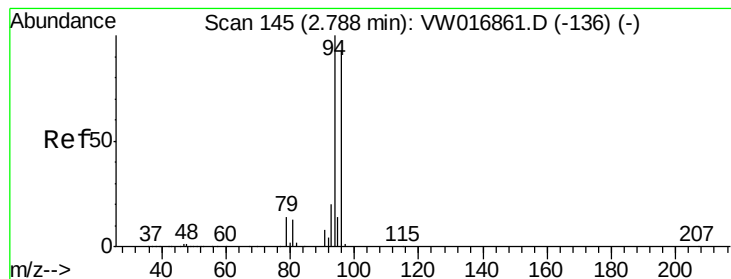
64 31.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 51.424 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

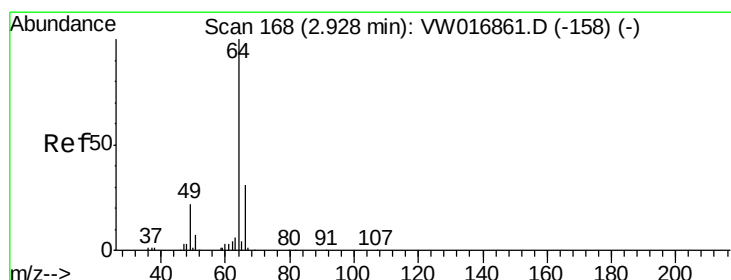
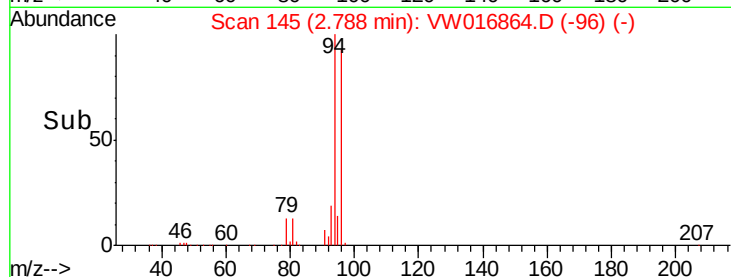
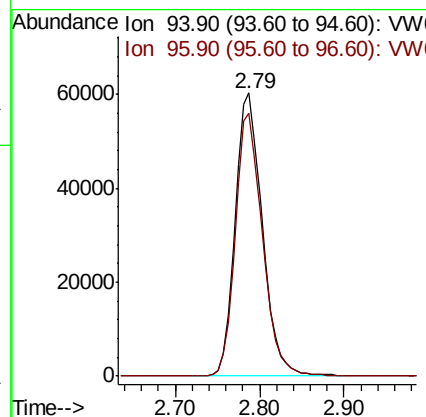
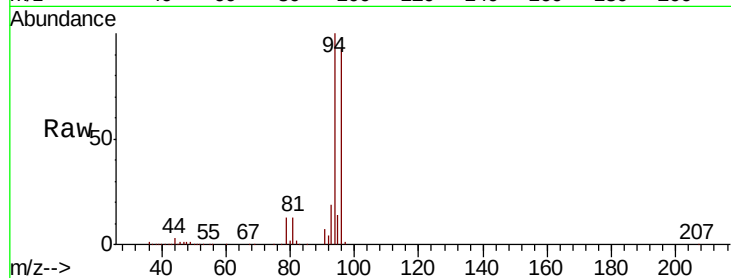
ICVWV101020

Tot Ion: 94 Resp: 131173

Ion Ratio Lower Upper

94 100

96 92.9 74.7 112.1



#6

Chloroethane

Concen: 52.489 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016864.D

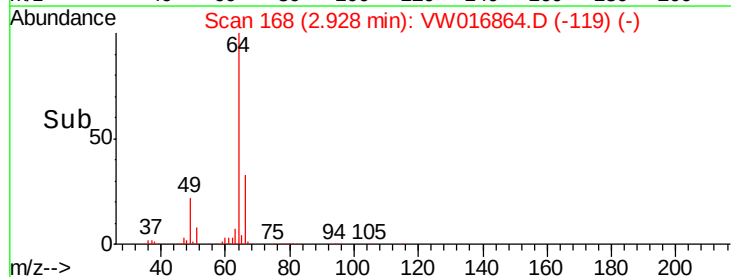
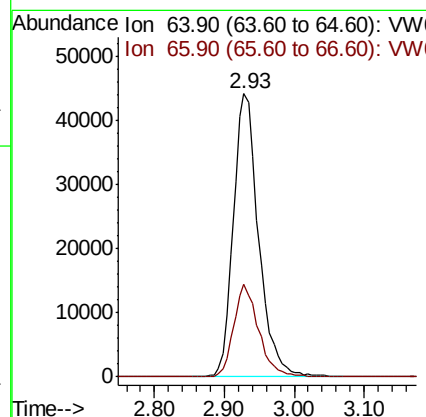
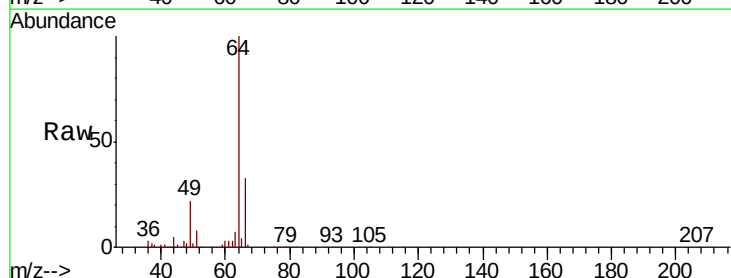
Acq: 09 Oct 2020 16:34

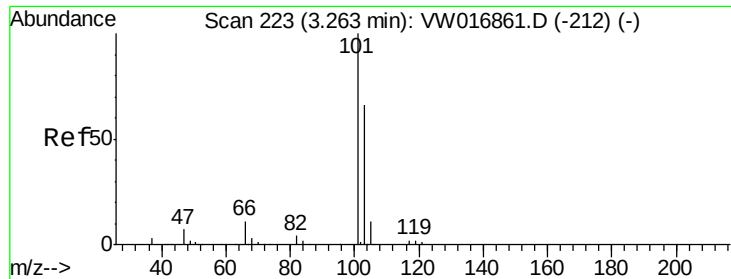
Tgt Ion: 64 Resp: 110942

Ion Ratio Lower Upper

64 100

66 32.5 25.0 37.6



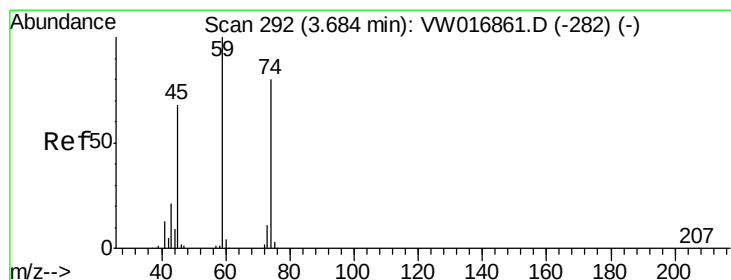
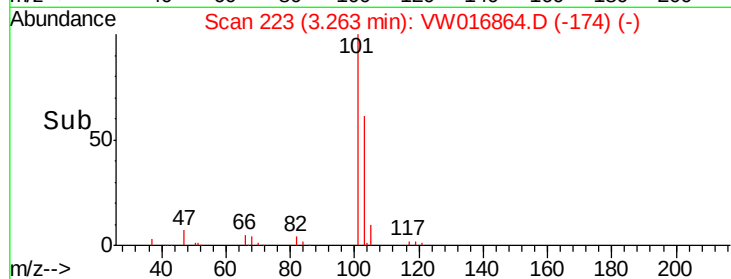
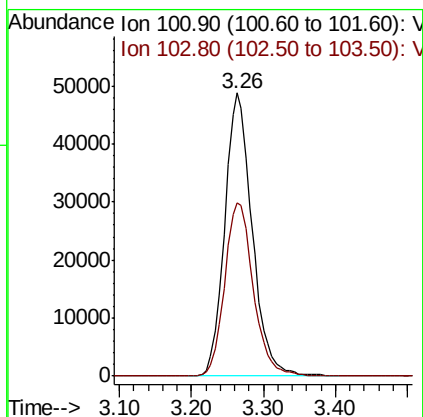
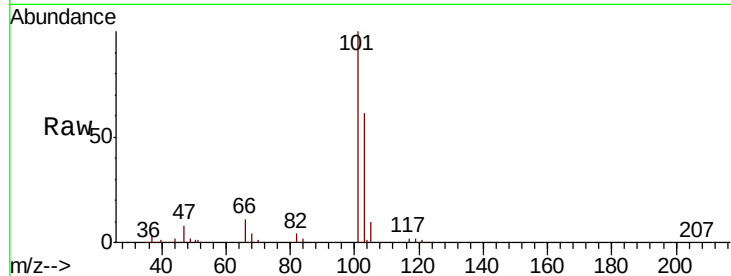


#7

Trichlorofluoromethane
 Concen: 53.365 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

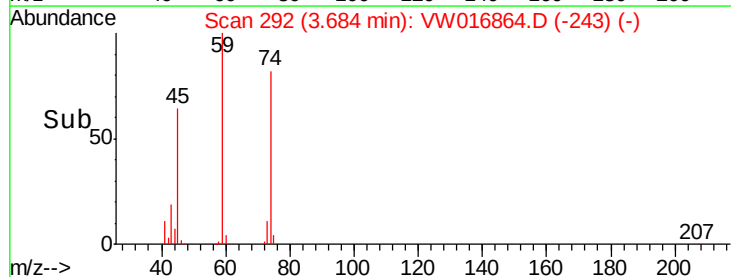
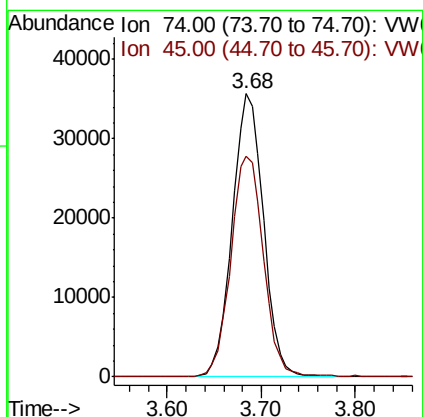
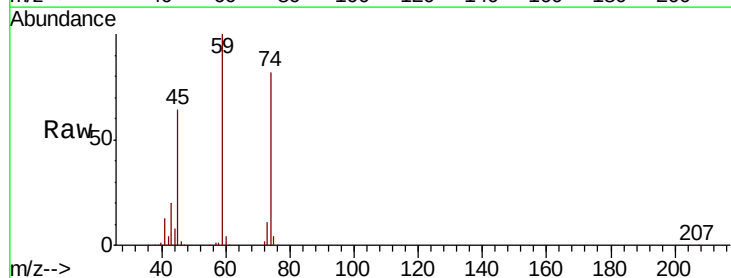
Tot Ion:101 Resp: 129041
 Ion Ratio Lower Upper
 101 100
 103 61.3 52.6 79.0

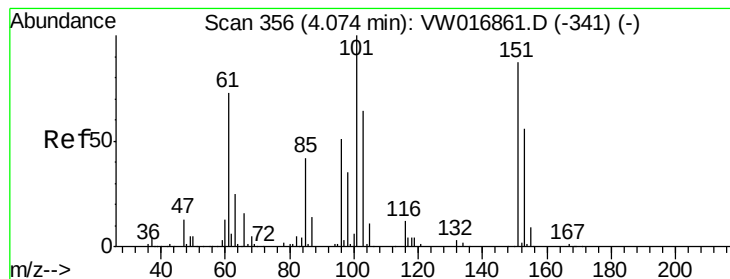


#8

Diethyl Ether
 Concen: 54.358 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

Tgt Ion: 74 Resp: 82097
 Ion Ratio Lower Upper
 74 100
 45 81.9 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.666 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

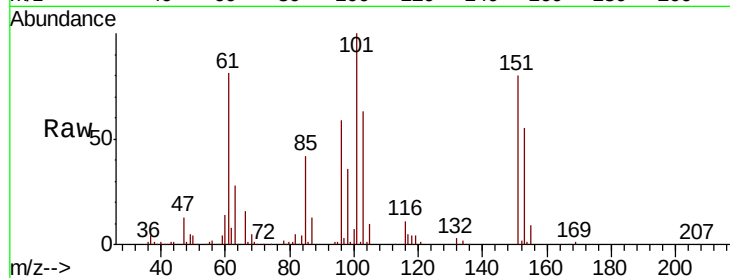
Tot Ion:101 Resp: 168222

Ion Ratio Lower Upper

101 100

85 41.7 33.2 49.8

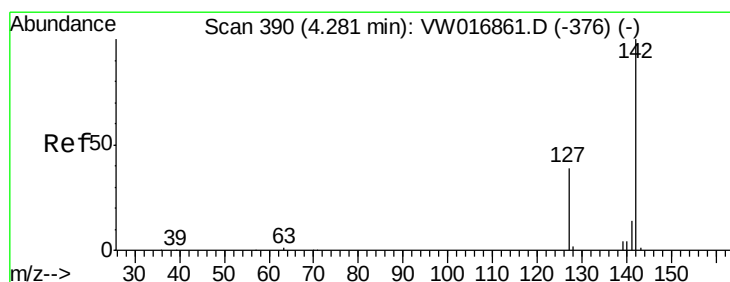
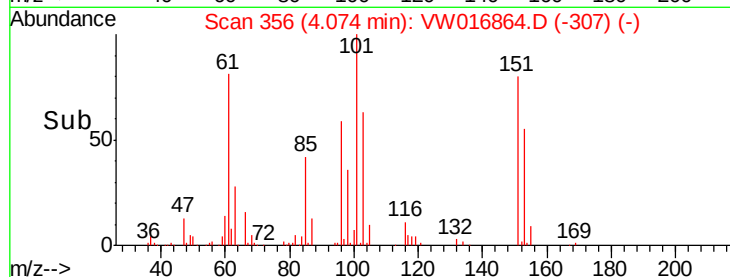
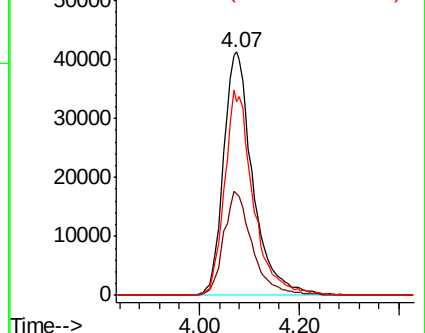
151 82.2 66.6 100.0



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: 53.308 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

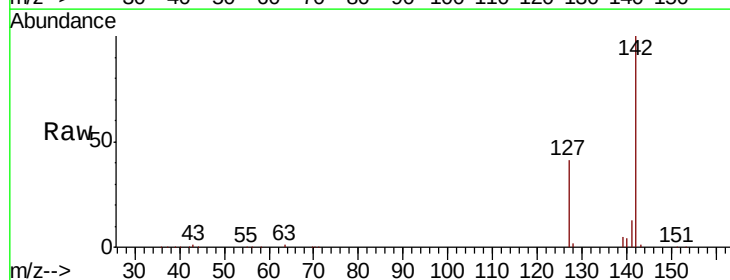
Tgt Ion:142 Resp: 277481

Ion Ratio Lower Upper

142 100

127 41.9 32.4 48.6

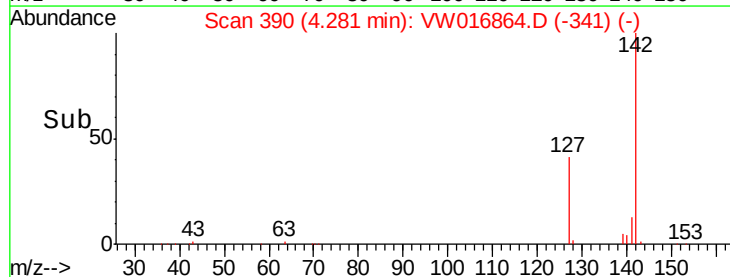
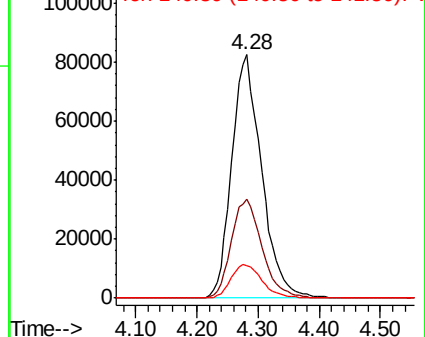
141 14.4 11.4 17.0

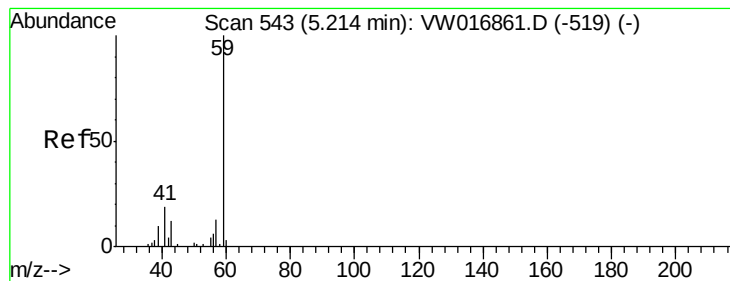


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 292.791 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

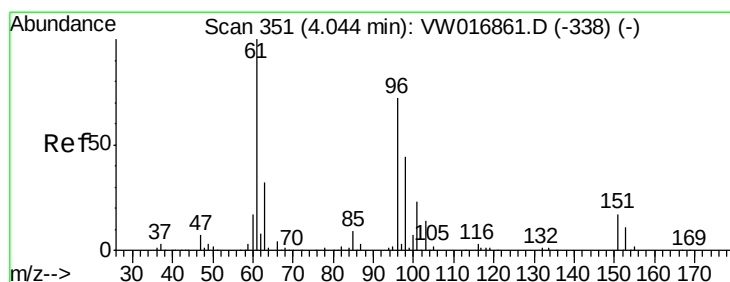
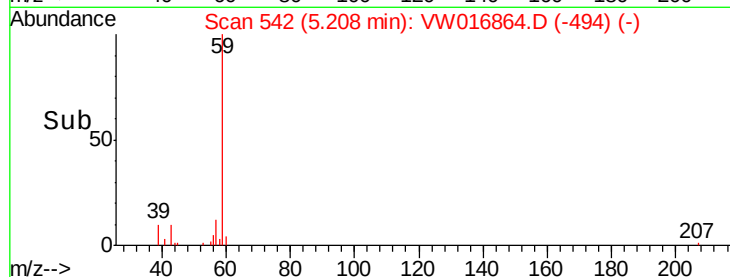
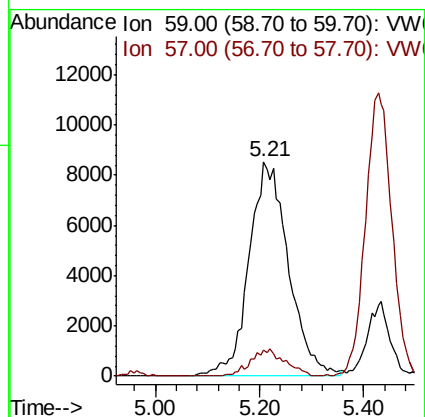
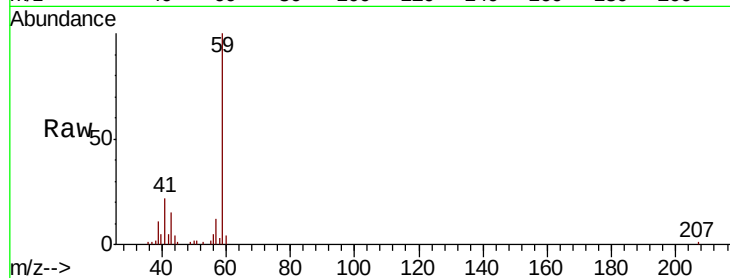
ICVW101020

Tot Ion: 59 Resp: 44699

Ion Ratio Lower Upper

59 100

57 11.0 4.7 7.1#



#12

1,1-Dichloroethene

Concen: 52.445 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

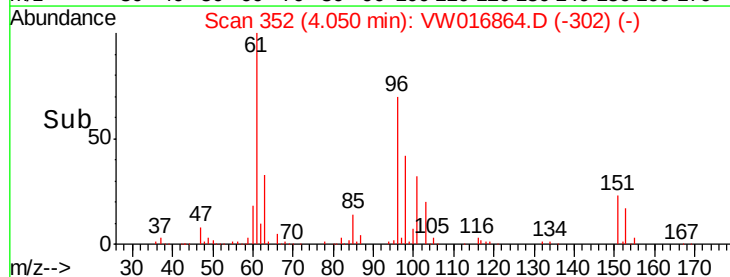
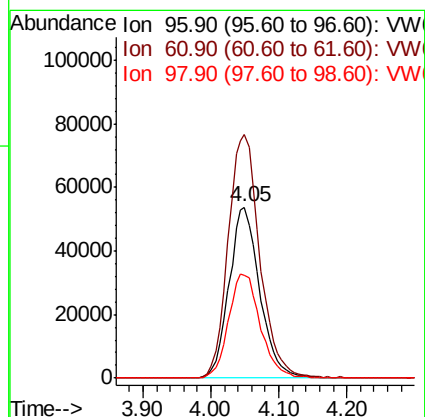
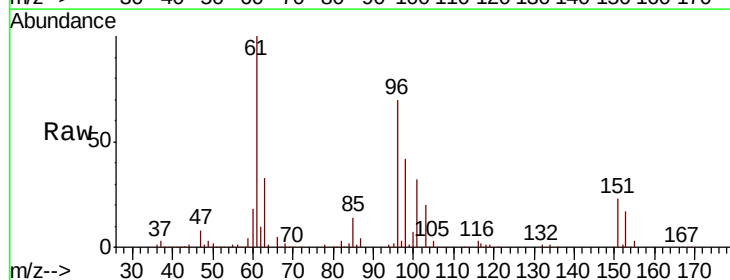
Tgt Ion: 96 Resp: 168551

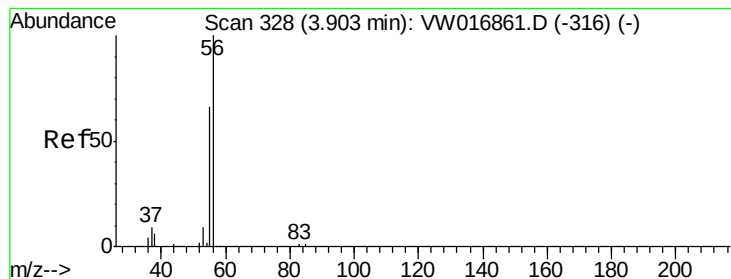
Ion Ratio Lower Upper

96 100

61 142.2 111.7 167.5

98 59.8 49.0 73.4





#13

Acrolein

Concen: 271.803 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

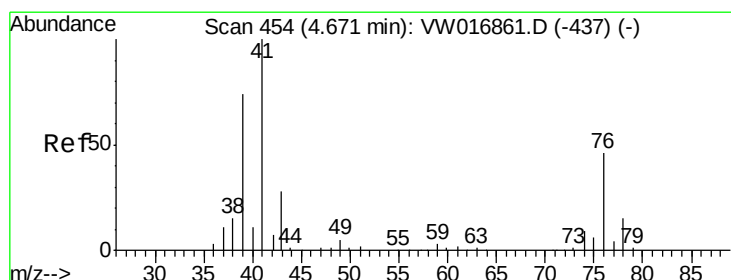
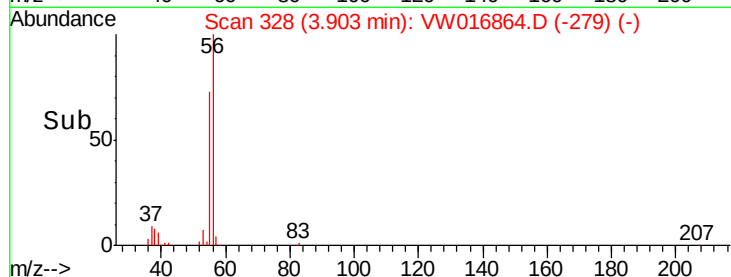
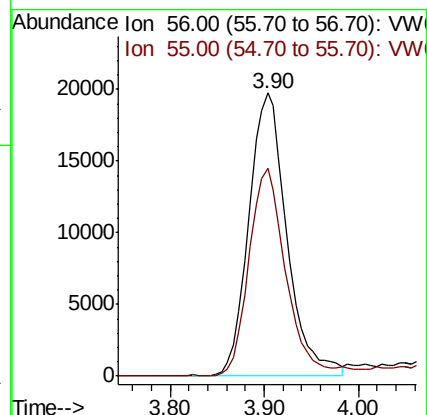
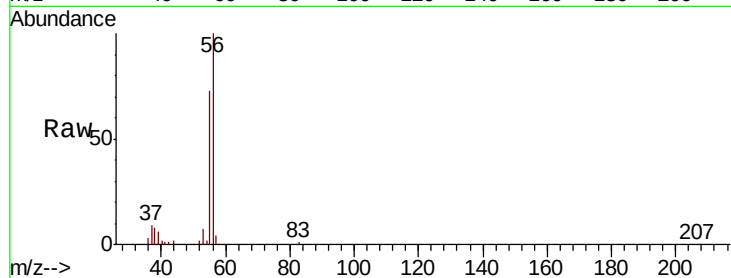
ICVWV101020

Tot Ion: 56 Resp: 56098

Ion Ratio Lower Upper

56 100

55 72.4 55.9 83.9



#14

Allyl chloride

Concen: 53.698 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

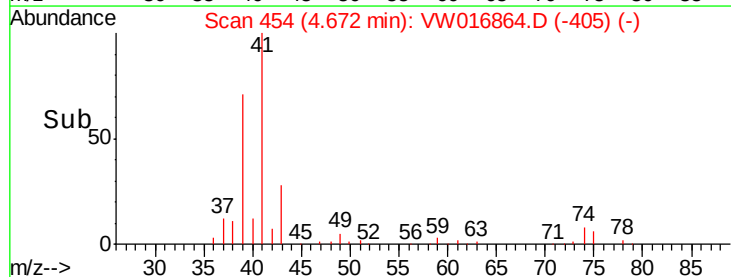
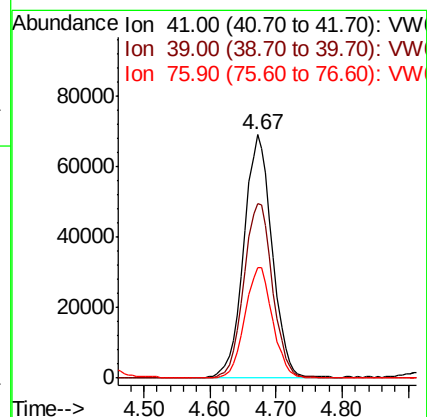
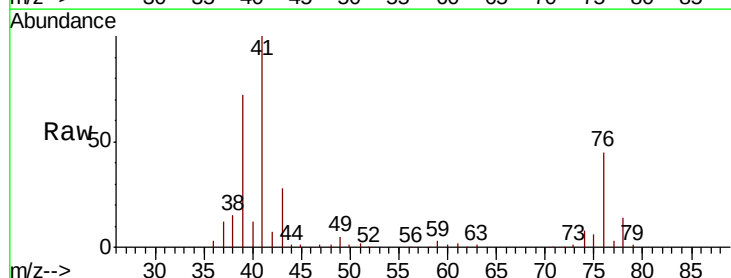
Tgt Ion: 41 Resp: 206579

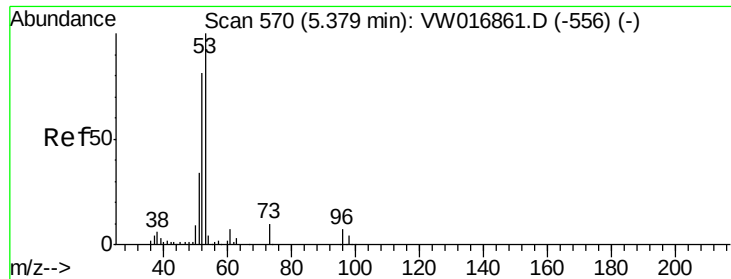
Ion Ratio Lower Upper

41 100

39 72.4 57.8 86.8

76 44.0 35.1 52.7





#15

Acrylonitrile

Concen: 283.265 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

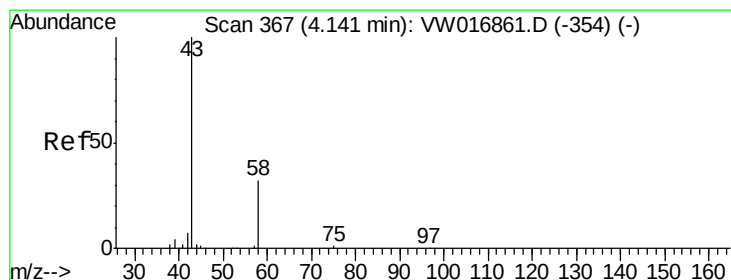
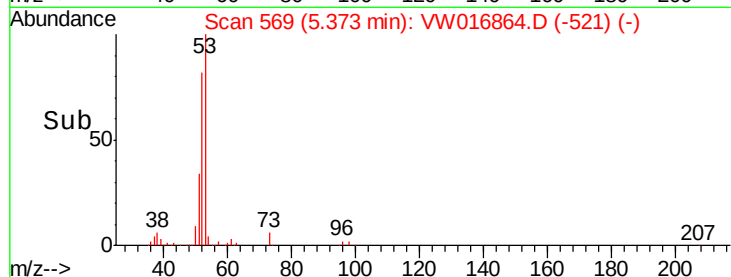
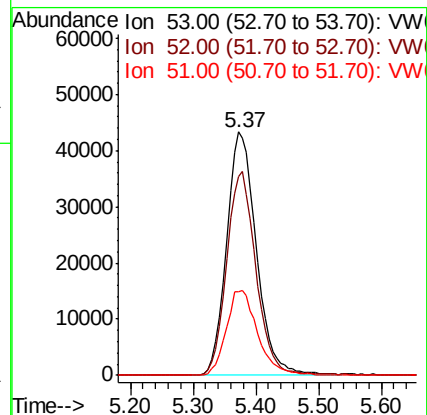
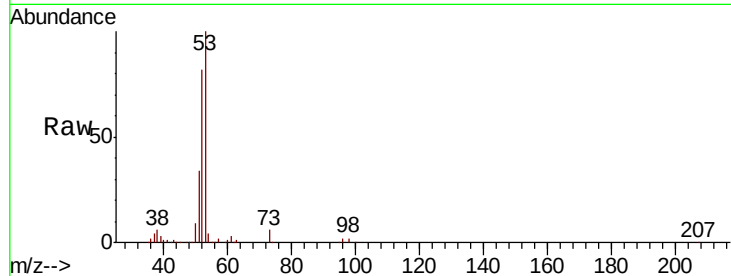
Tot Ion: 53 Resp: 142407

Ion Ratio Lower Upper

53 100

52 82.5 65.0 97.4

51 36.7 29.1 43.7



#16

Acetone

Concen: 261.289 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW016864.D

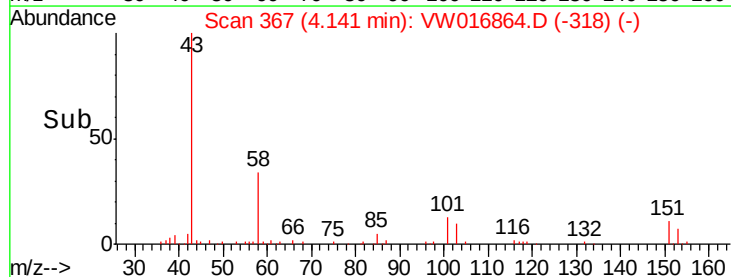
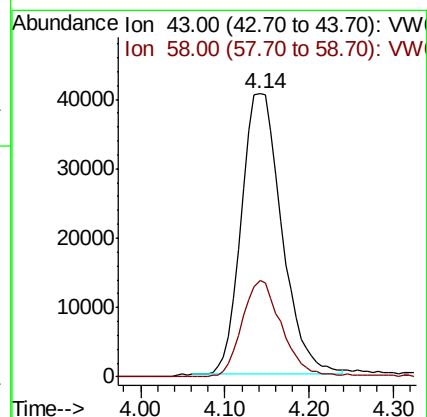
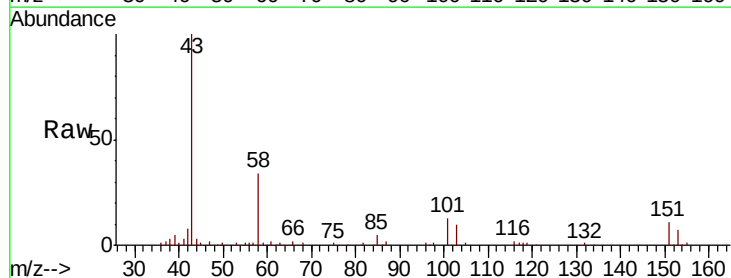
Acq: 09 Oct 2020 16:34

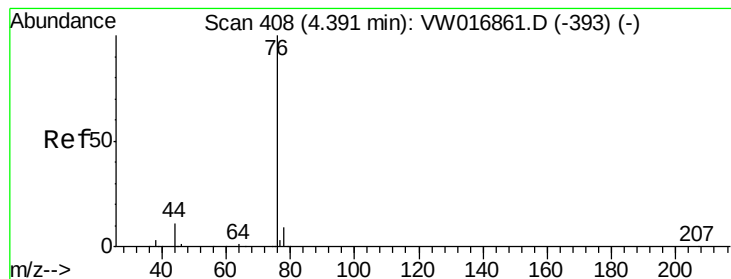
Tgt Ion: 43 Resp: 132197

Ion Ratio Lower Upper

43 100

58 34.1 25.7 38.5





#17

Carbon Disulfide

Concen: 52.198 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

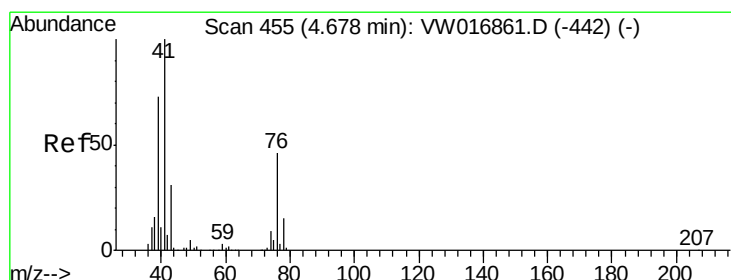
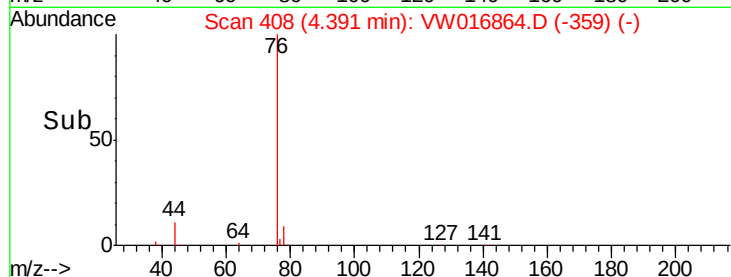
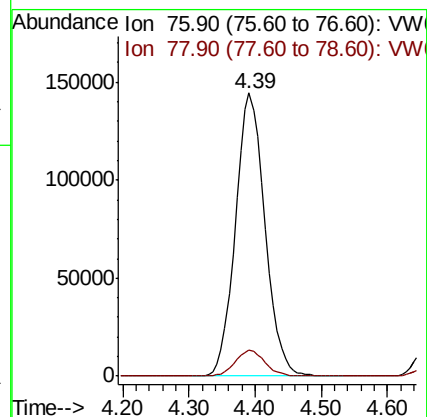
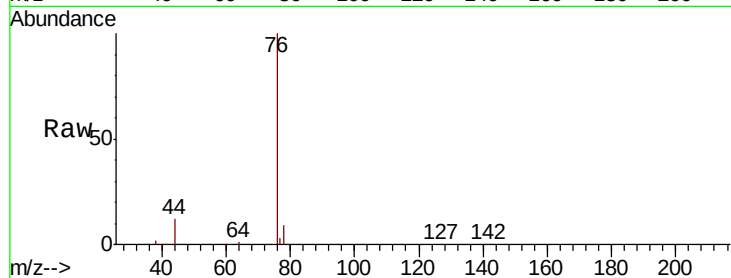
ICVWV101020

Tot Ion: 76 Resp: 446328

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



#18

Methyl Acetate

Concen: 55.617 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW016864.D

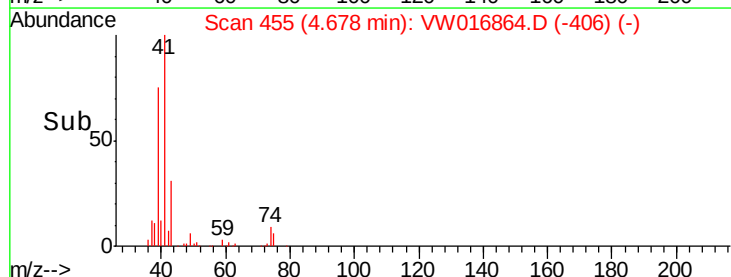
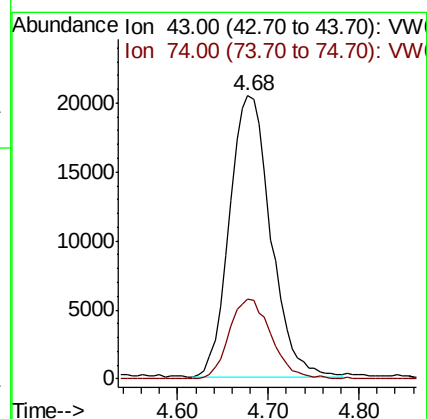
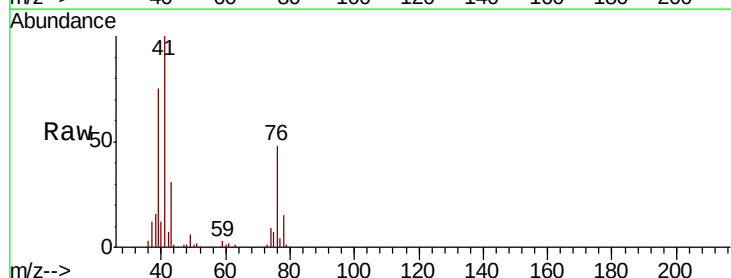
Acq: 09 Oct 2020 16:34

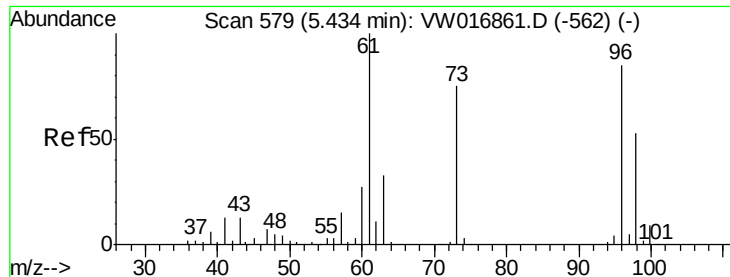
Tgt Ion: 43 Resp: 64540

Ion Ratio Lower Upper

43 100

74 28.9 23.8 35.6

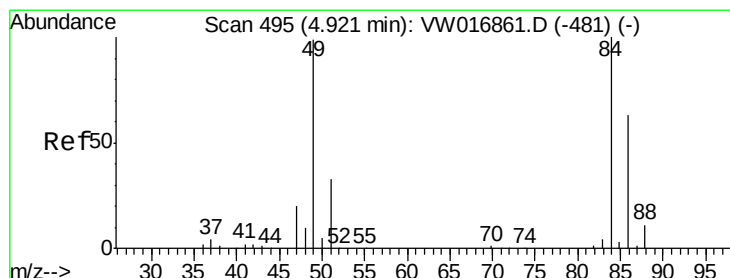
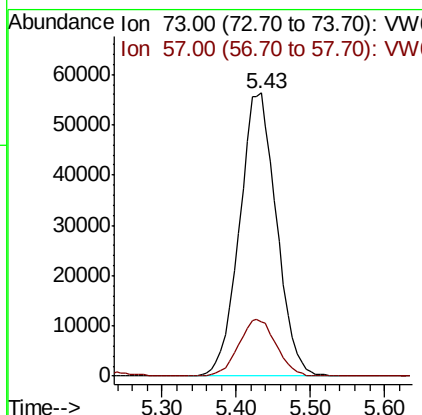
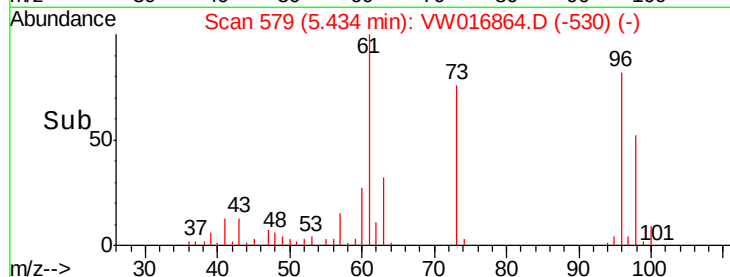
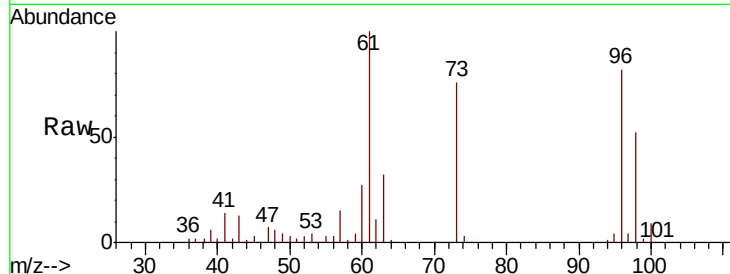




#19
Methyl tert-butyl Ether
Concen: 56.524 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

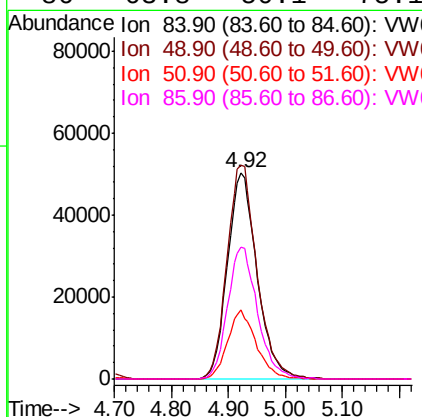
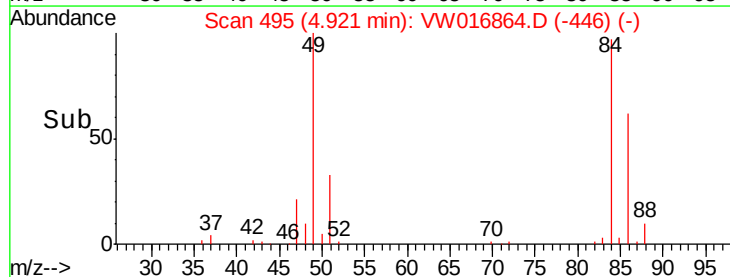
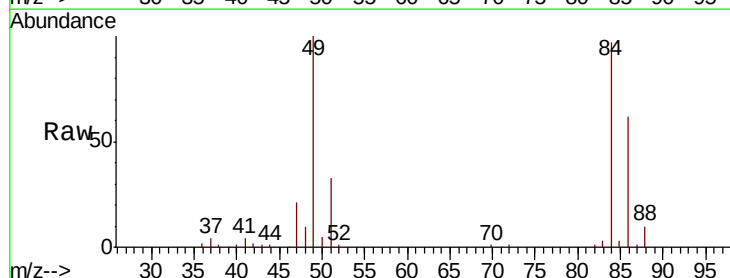
Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

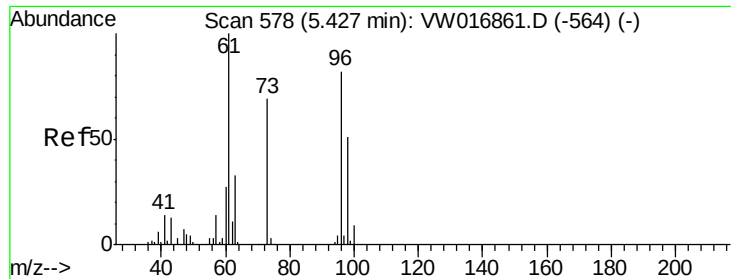
Tot Ion: 73 Resp: 195792
Ion Ratio Lower Upper
73 100
57 19.2 16.1 24.1



#20
Methylene Chloride
Concen: 55.134 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion: 84 Resp: 182512
Ion Ratio Lower Upper
84 100
49 103.6 79.0 118.6
51 33.8 26.1 39.1
86 63.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 52.460 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

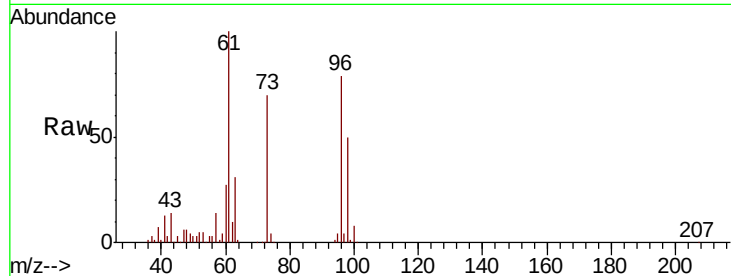
Tot Ion: 96 Resp: 189273

Ion Ratio Lower Upper

96 100

61 126.1 97.4 146.0

98 63.7 49.4 74.0

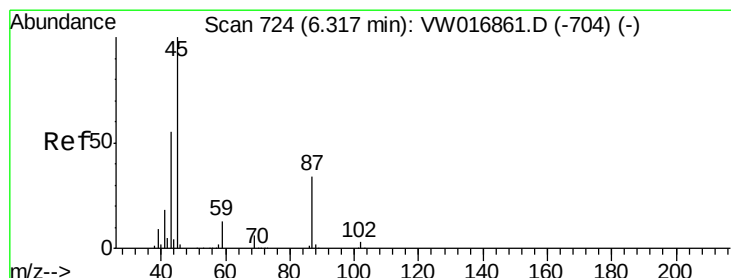
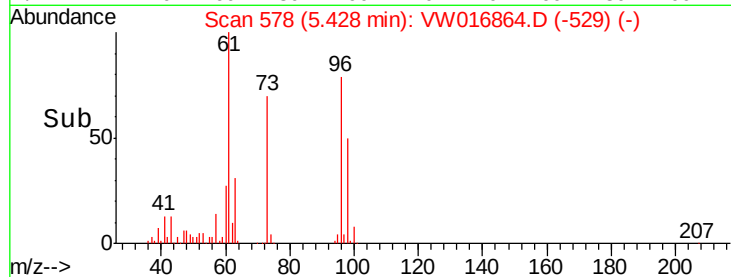
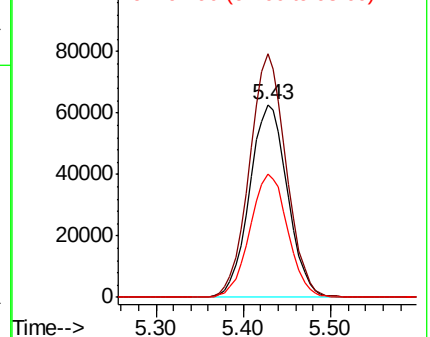


Abundance

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: 54.186 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Tgt Ion: 45 Resp: 378861

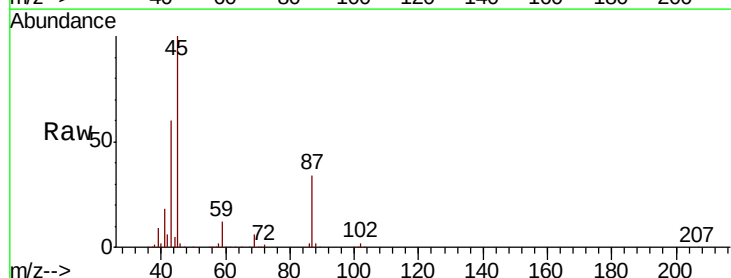
Ion Ratio Lower Upper

45 100

43 60.1 43.8 65.8

87 33.5 27.6 41.4

59 12.4 10.8 16.2



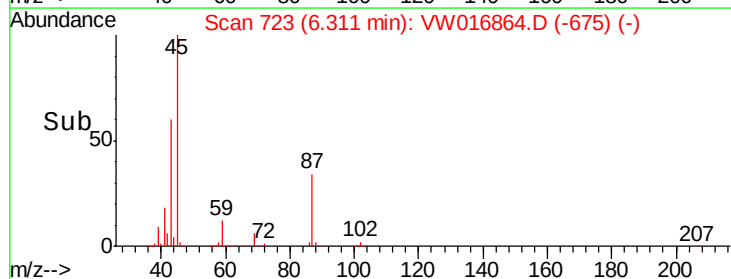
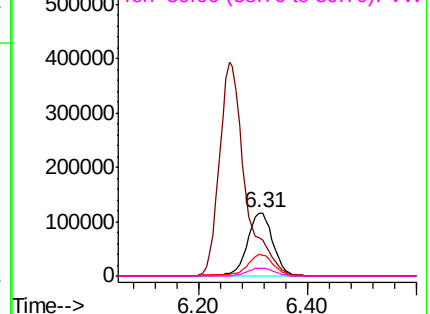
Abundance

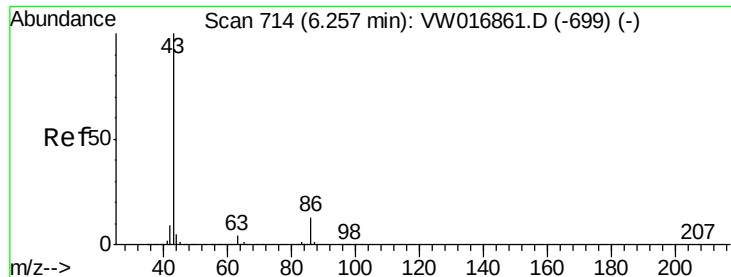
Ion 45.00 (44.70 to 45.70): VW

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: 286.664 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

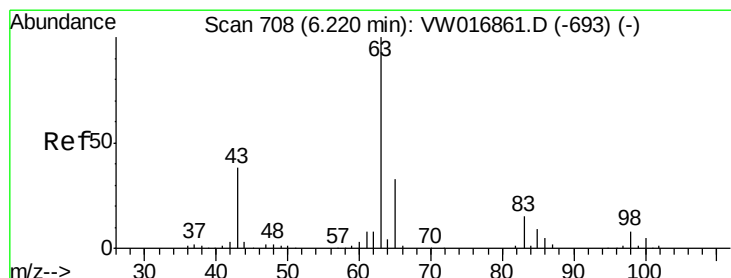
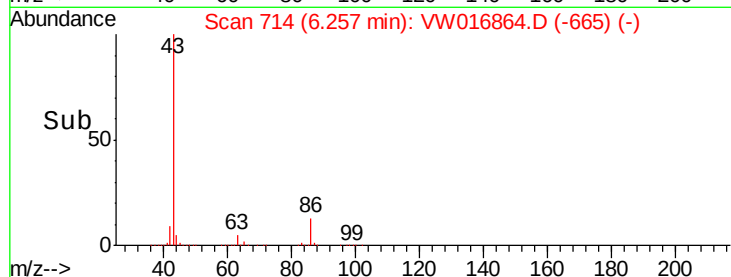
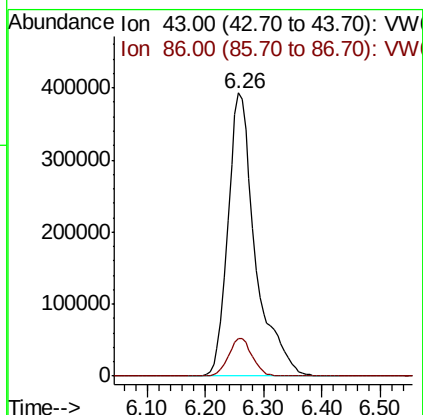
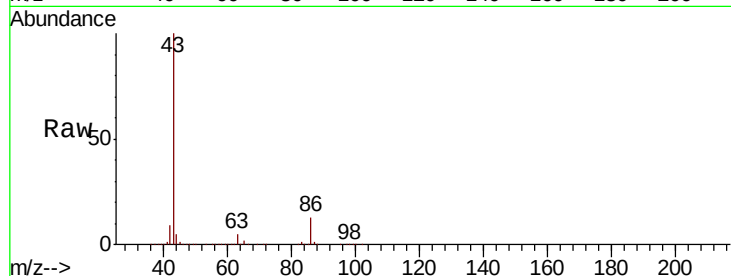
ICVW101020

Tot Ion: 43 Resp: 1284310

Ion Ratio Lower Upper

43 100

86 13.4 10.2 15.4



#24

1,1-Dichloroethane

Concen: 52.895 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

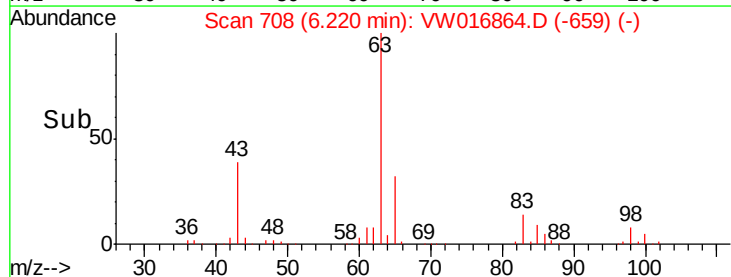
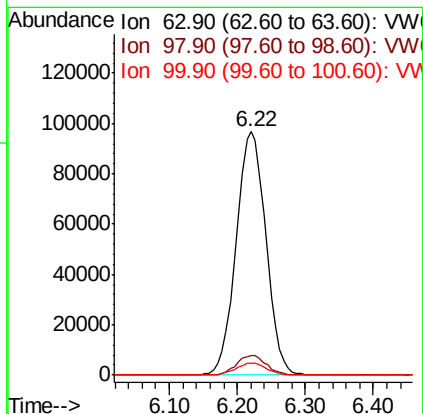
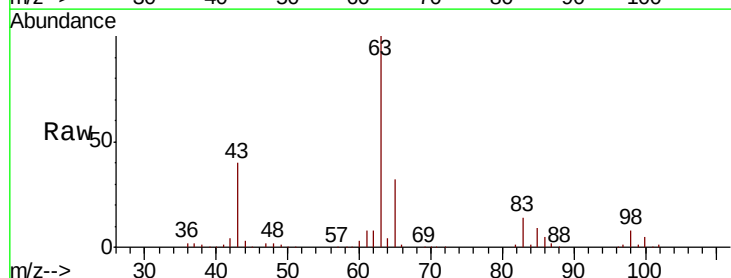
Tgt Ion: 63 Resp: 293262

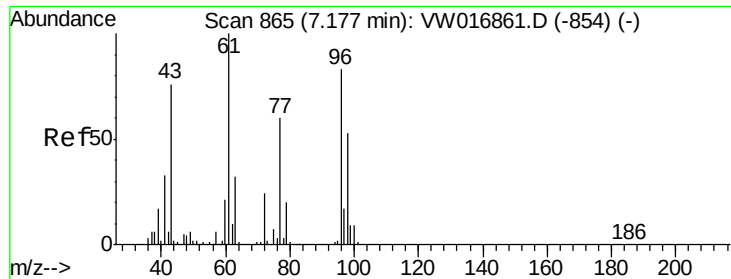
Ion Ratio Lower Upper

63 100

98 8.1 4.2 12.6

100 4.9 2.6 7.8





#25

2-Butanone

Concen: 284.362 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

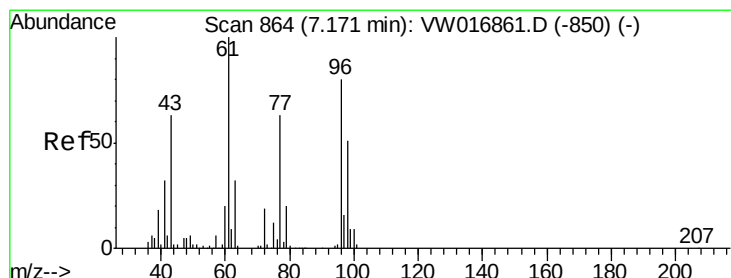
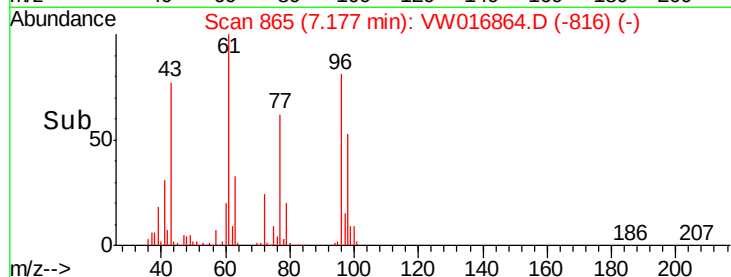
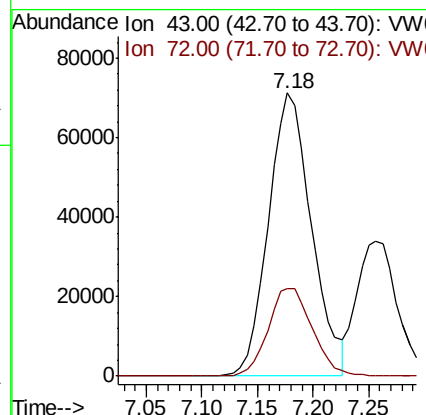
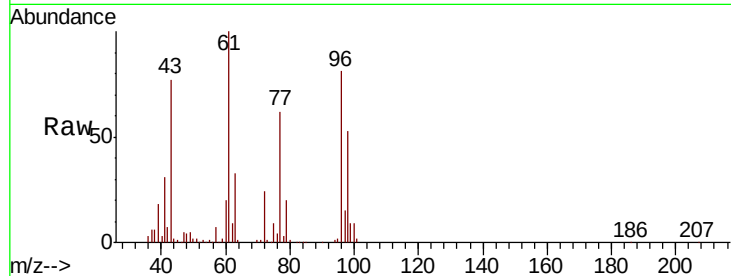
ICVWV101020

Tot Ion: 43 Resp: 191802

Ion Ratio Lower Upper

43 100

72 30.8 25.4 38.2



#26

2,2-Dichloropropane

Concen: 51.776 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016864.D

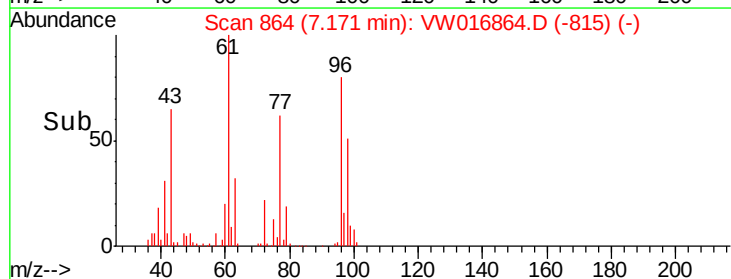
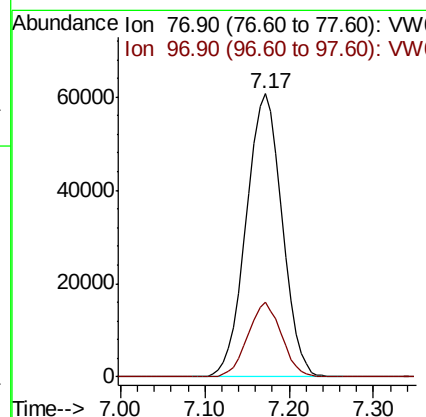
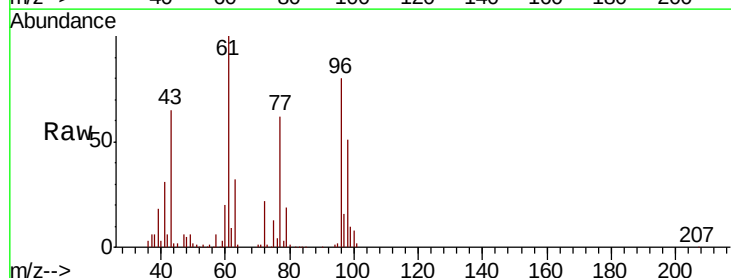
Acq: 09 Oct 2020 16:34

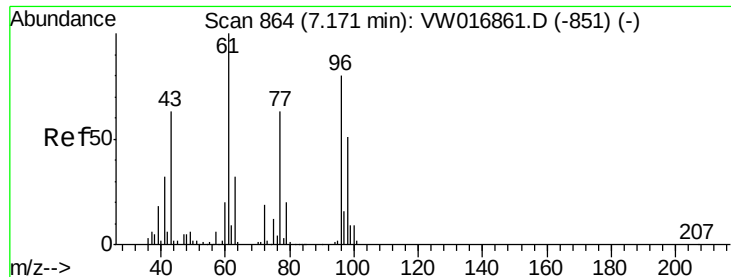
Tgt Ion: 77 Resp: 175627

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4



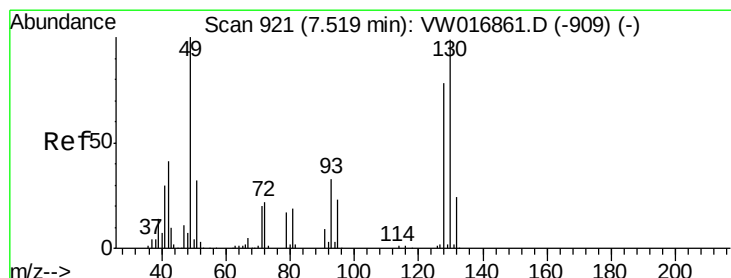
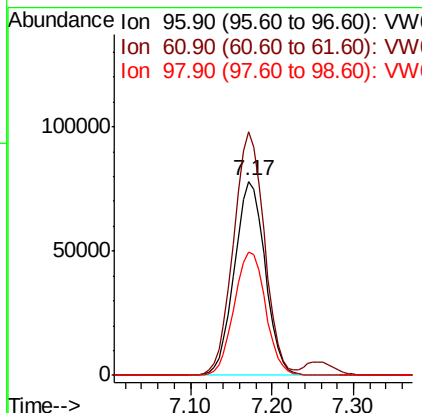
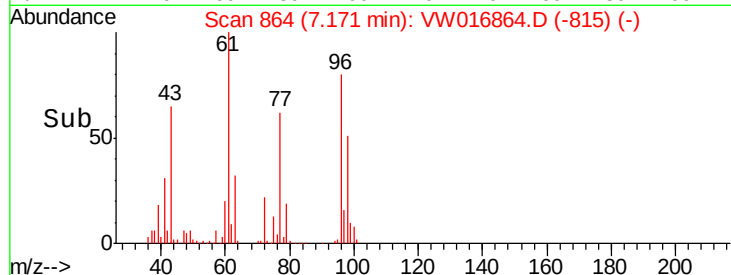
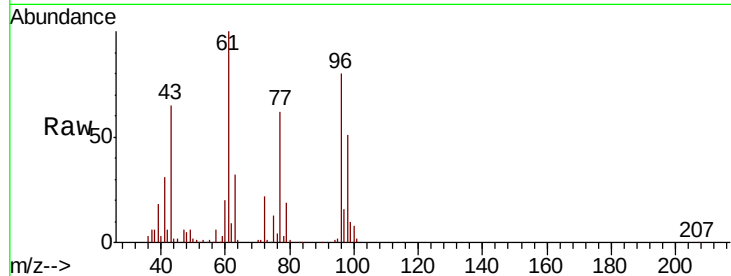


#27

cis-1,2-Dichloroethene
Concen: 52.706 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

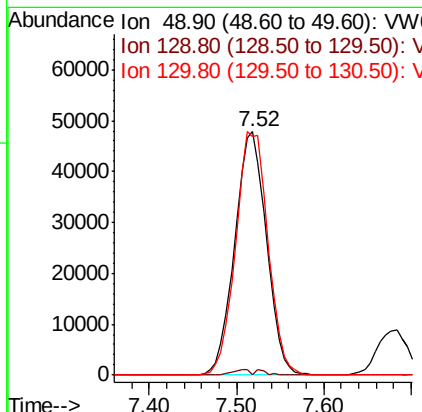
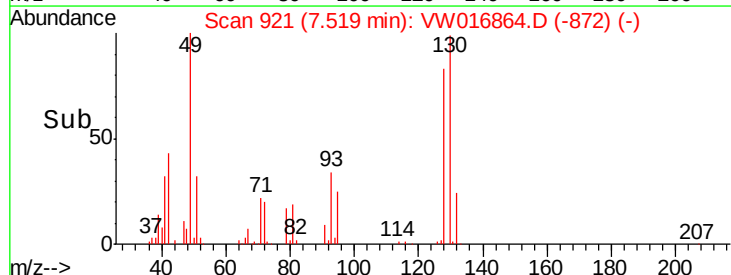
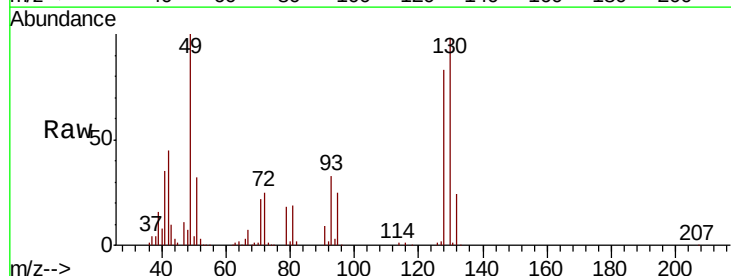
Tot Ion	96	Resp	203671
Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	249.6
98	65.3	0.0	129.4

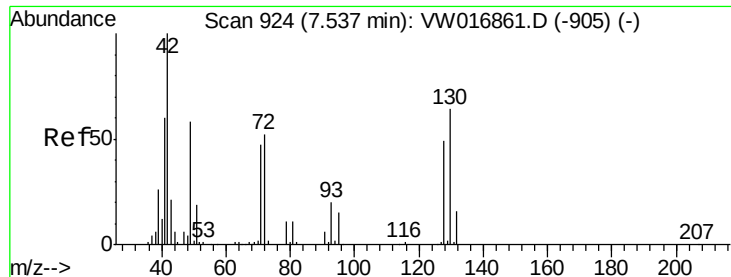


#28

Bromochloromethane
Concen: 54.501 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion	49	Resp	120934
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.8
130	0.0	81.3	121.9#

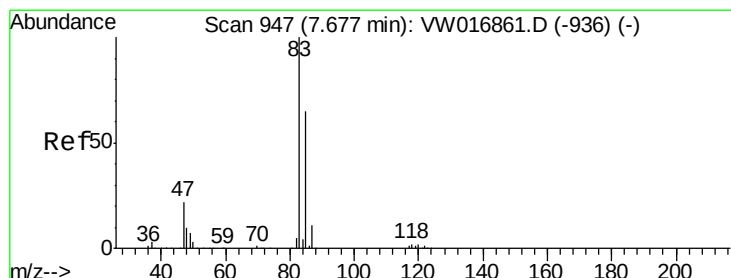
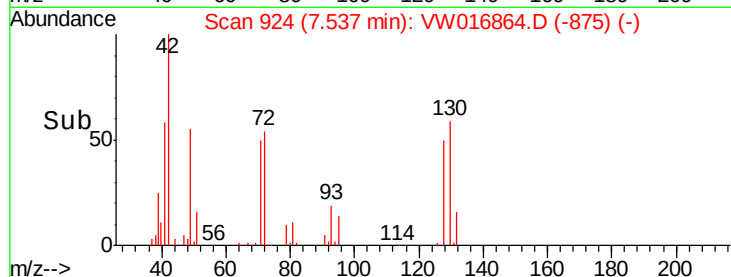
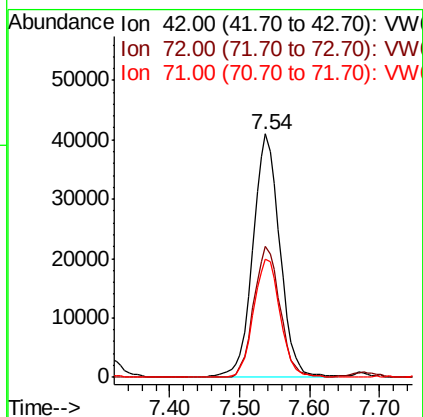
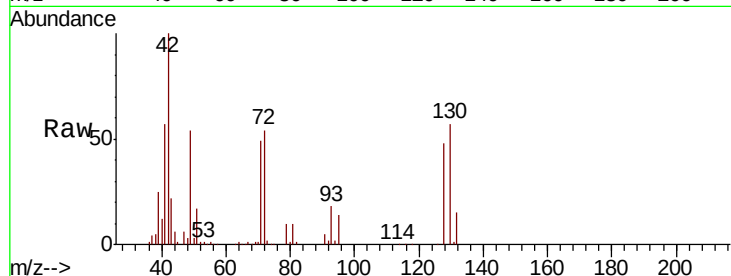




#29
Tetrahydrofuran
Concen: 289.520 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

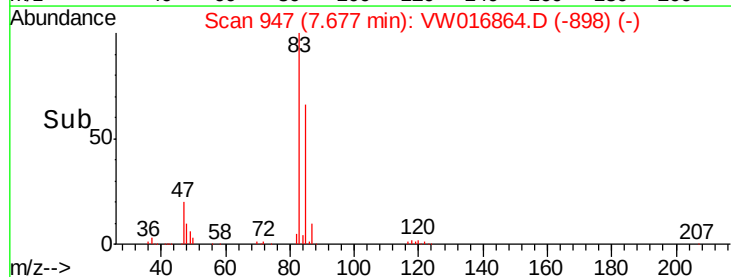
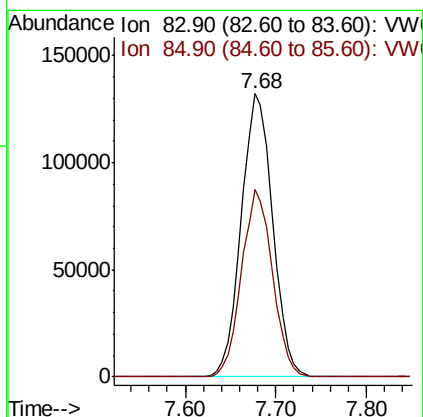
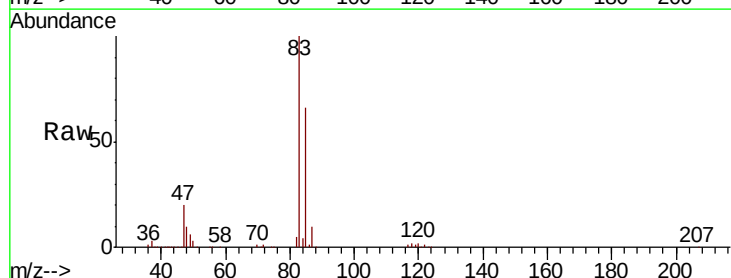
Instrument :
MSVOA_W
ClientSampleId :
ICVWV101020

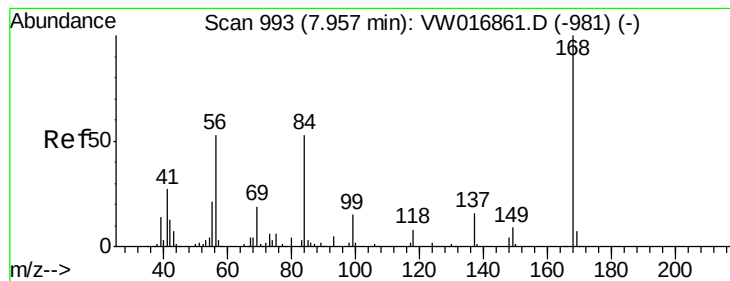
Tot Ion: 42 Resp: 109382
Ion Ratio Lower Upper
42 100
72 52.7 42.0 63.0
71 48.1 39.0 58.6



#30
Chloroform
Concen: 52.791 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion: 83 Resp: 318183
Ion Ratio Lower Upper
83 100
85 66.2 51.7 77.5





#31

Cyclohexane

Concen: 48.686 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

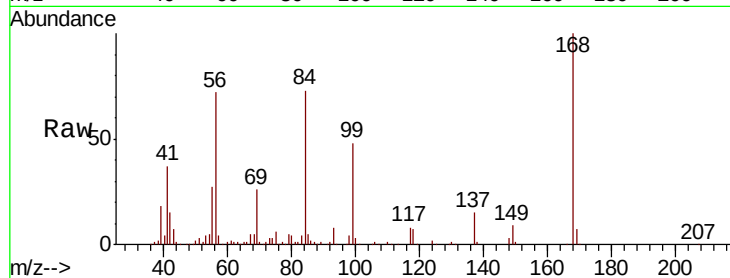
Tot Ion: 56 Resp: 230236

Ion Ratio Lower Upper

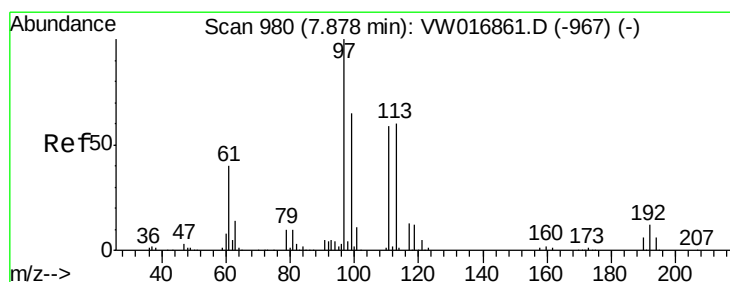
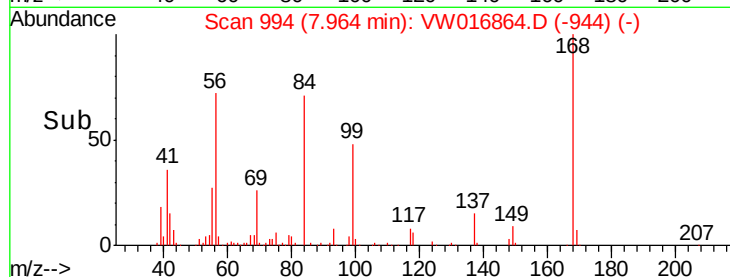
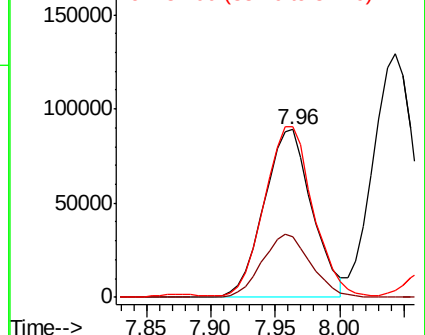
56 100

69 35.9 29.3 43.9

84 99.9 80.5 120.7



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: 53.154 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

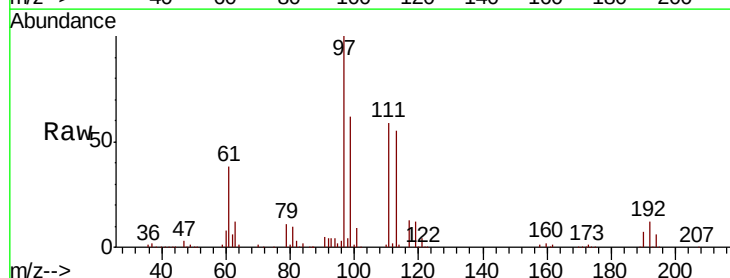
Tgt Ion: 97 Resp: 270229

Ion Ratio Lower Upper

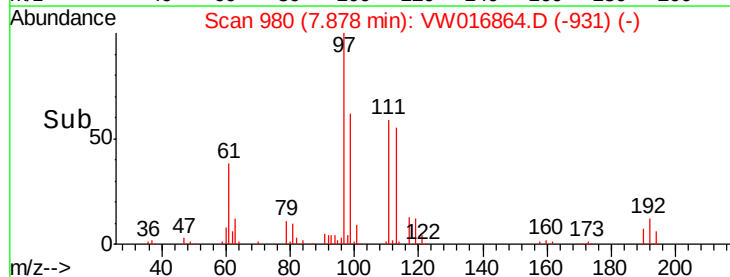
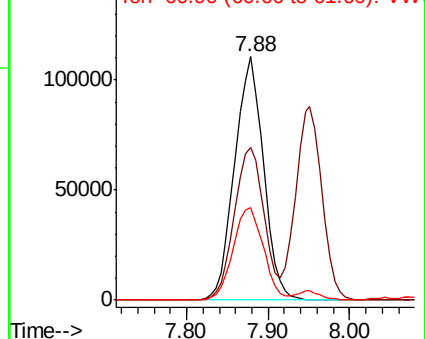
97 100

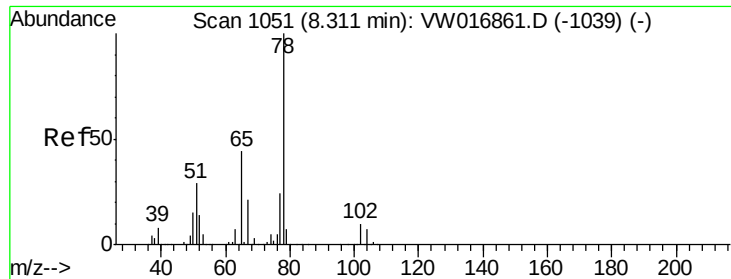
99 65.1 52.4 78.6

61 40.0 31.9 47.9



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

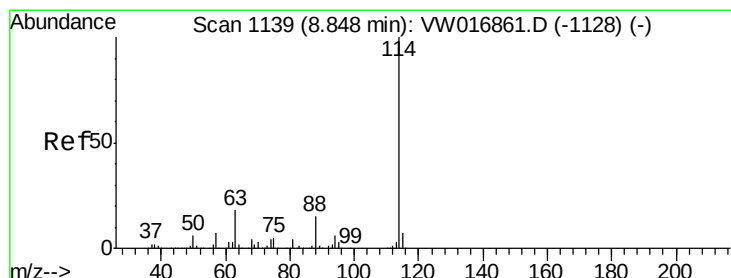
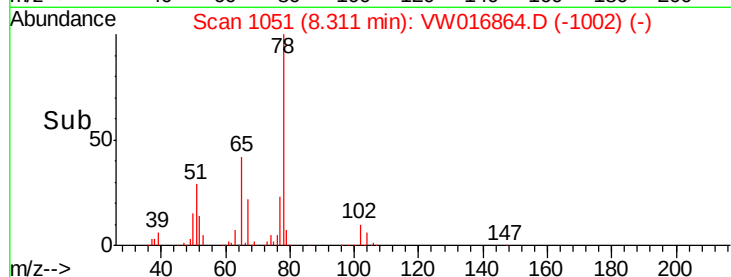
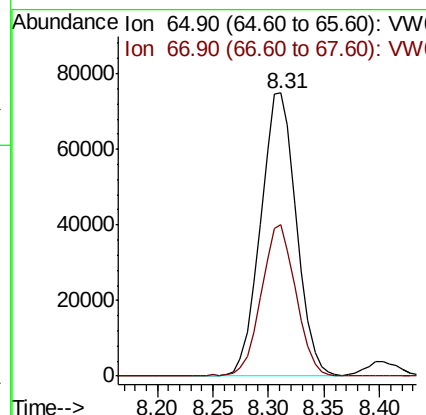
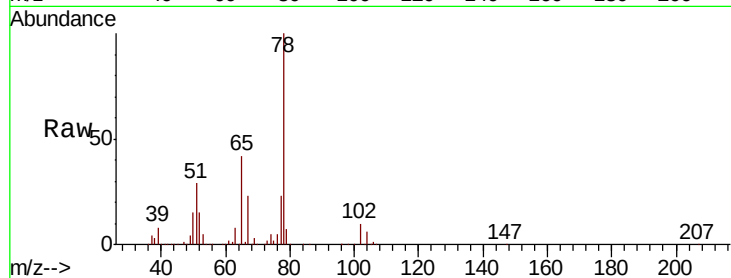




#33
 1,2-Dichloroethane-d4
 Concen: 53.574 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

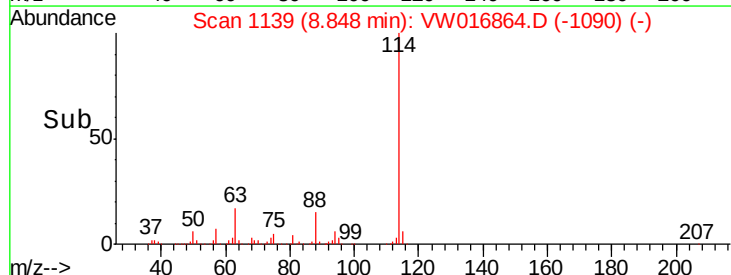
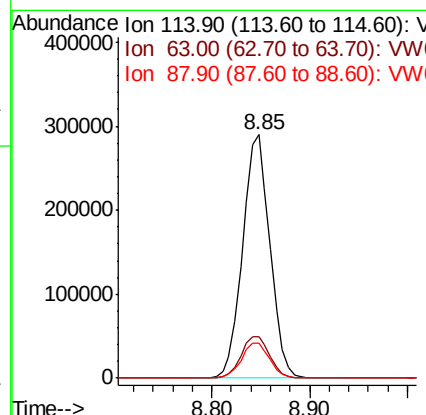
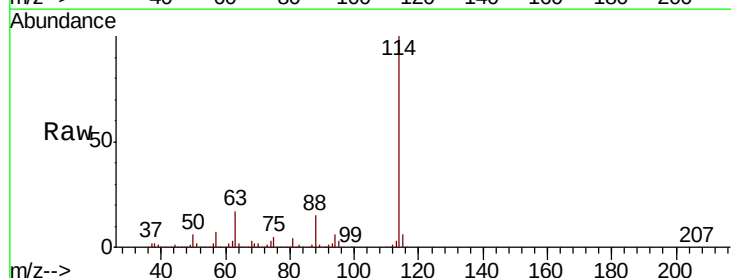
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

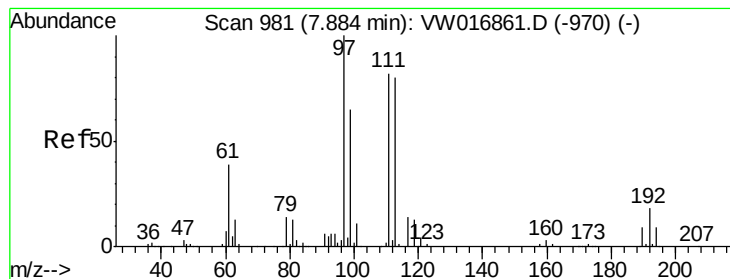
Tot Ion: 65 Resp: 167358
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

Tgt Ion: 114 Resp: 559371
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.6
 88 14.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.210 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

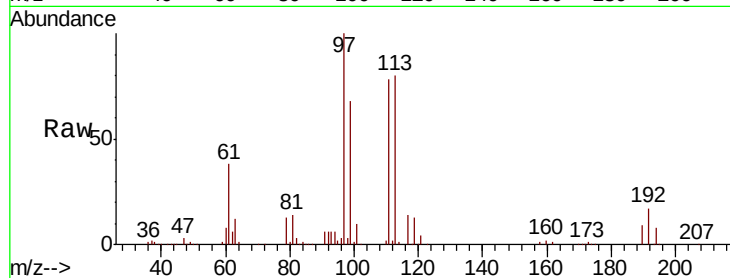
Tot Ion:113 Resp: 179003

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

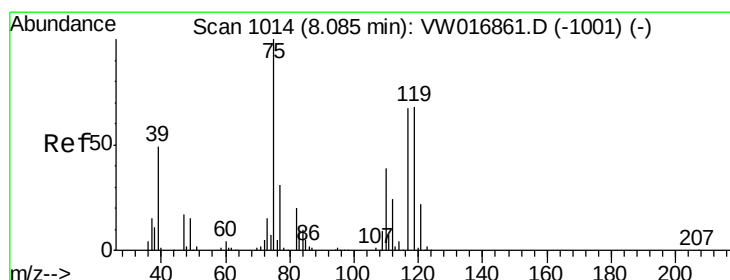
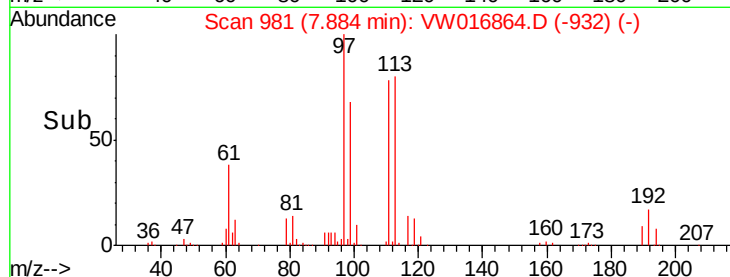
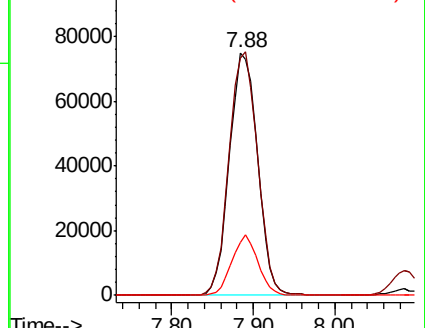
192 22.9 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.432 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

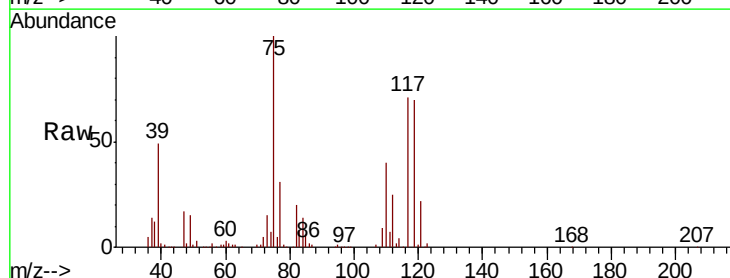
Tgt Ion: 75 Resp: 248686

Ion Ratio Lower Upper

75 100

110 38.6 19.3 57.9

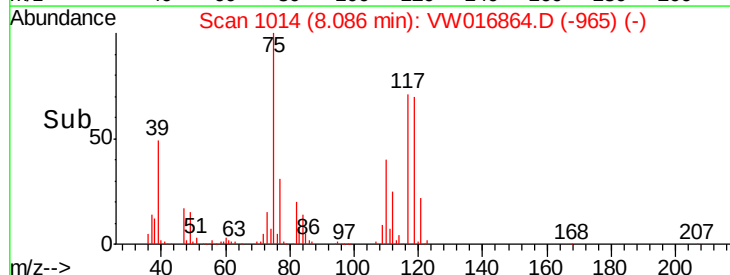
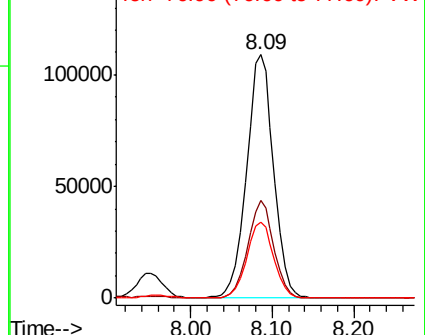
77 31.3 25.0 37.6

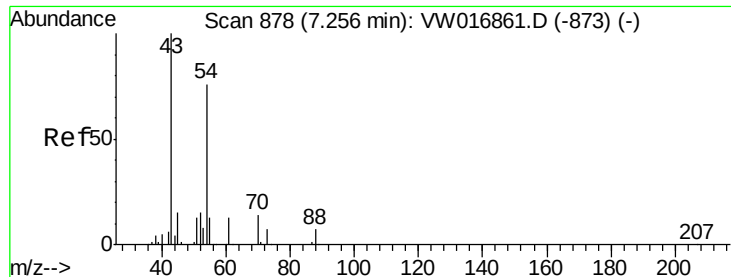


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

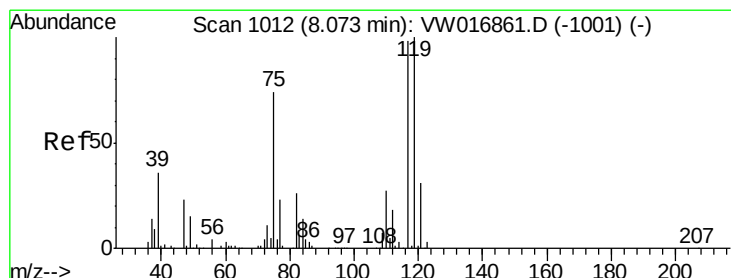
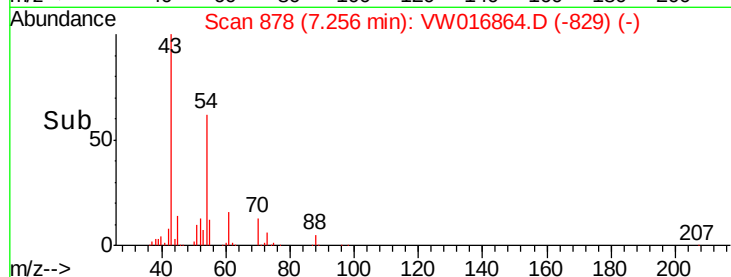
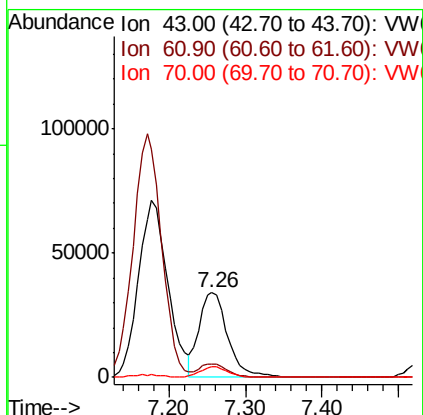
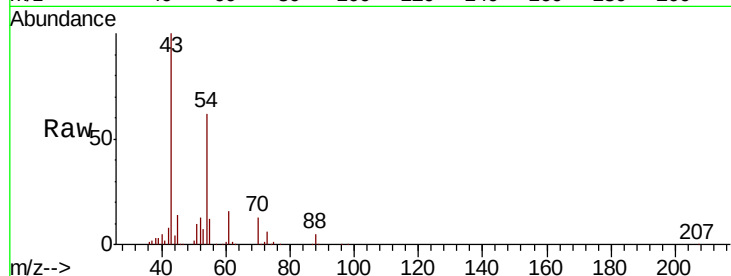




#37
Ethyl Acetate
Concen: 55.824 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

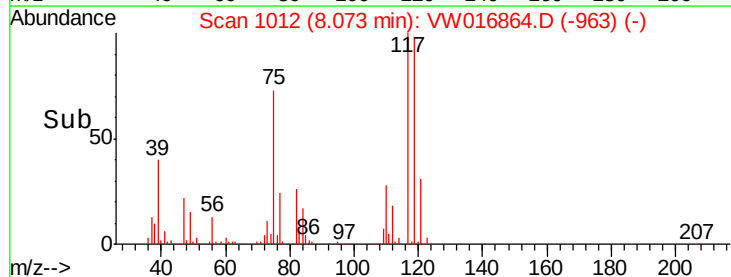
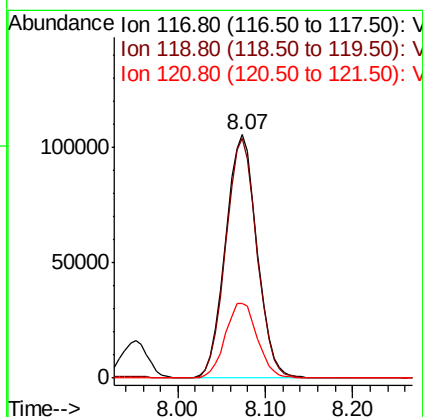
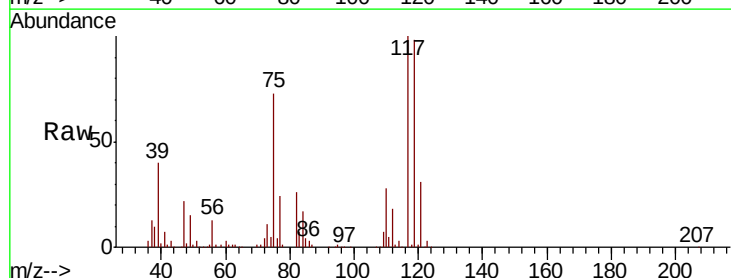
Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

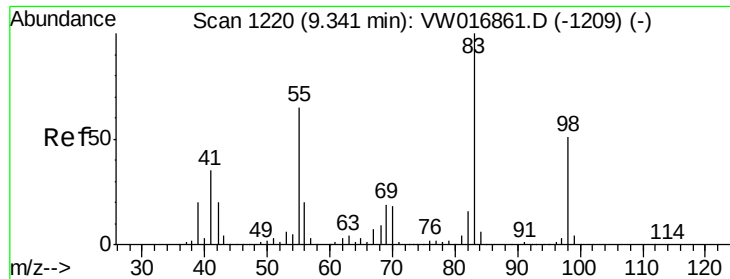
Tot Ion: 43 Resp: 88197
Ion Ratio Lower Upper
43 100
61 15.7 12.0 18.0
70 12.6 9.9 14.9



#38
Carbon Tetrachloride
Concen: 52.636 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion: 117 Resp: 264649
Ion Ratio Lower Upper
117 100
119 98.3 81.6 122.4
121 30.8 25.7 38.5

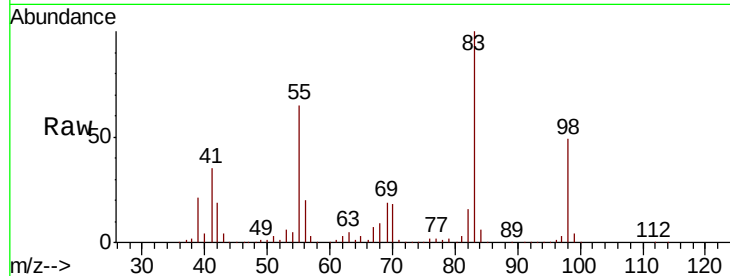




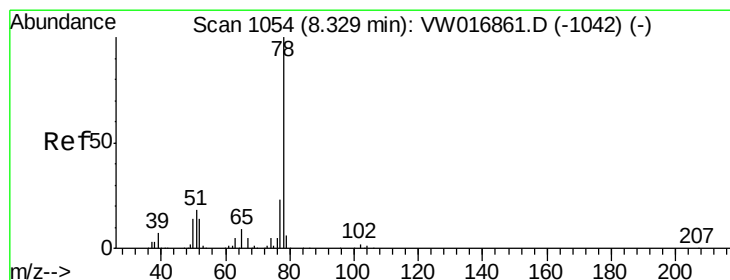
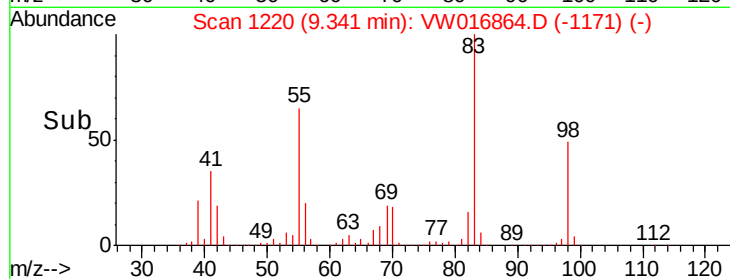
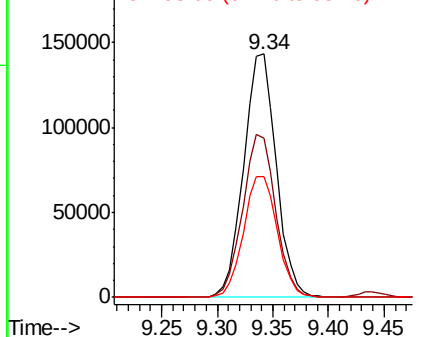
#39
Methylvlcyclohexane
Concen: 53.064 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Instrument :
MSVOA_W
ClientSampleId :
ICVWV101020

Tot Ion: 83 Resp: 292622
Ion Ratio Lower Upper
83 100
55 65.5 51.7 77.5
98 49.4 41.0 61.4

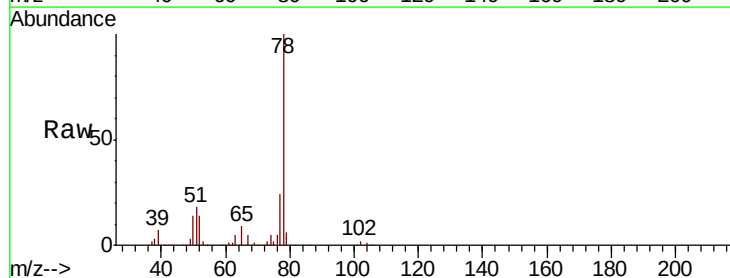


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

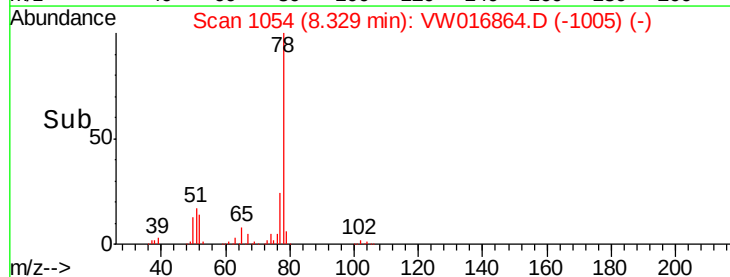
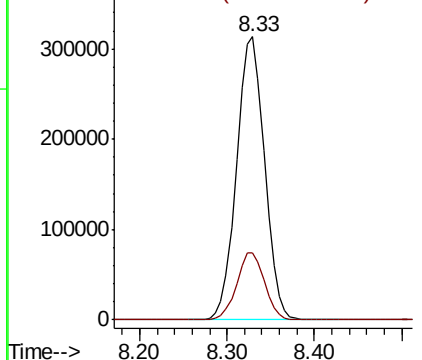


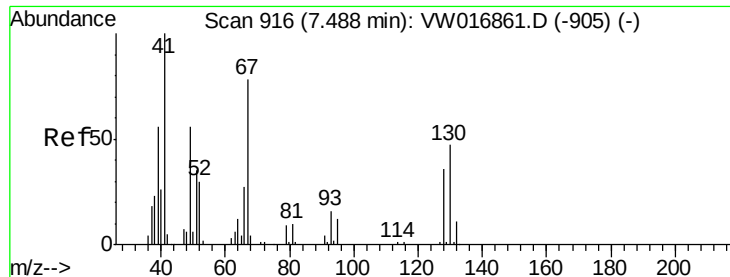
#40
Benzene
Concen: 51.824 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion: 78 Resp: 698272
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7



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





#41

Methacrylonitrile

Concen: 59.219 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

Tot Ion: 41 Resp: 55442

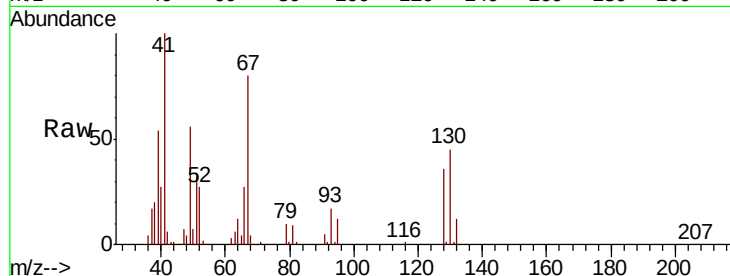
Ion Ratio Lower Upper

41 100

39 53.7 47.0 70.6

67 77.8 68.6 102.8

52 30.5 28.1 42.1

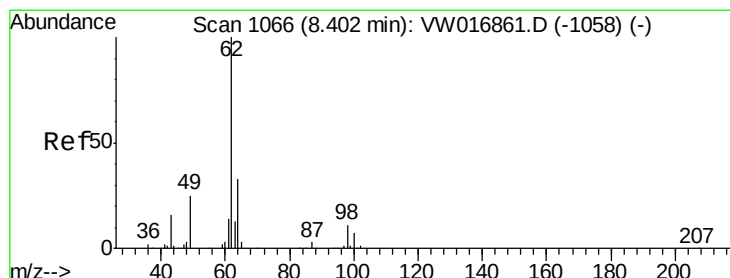
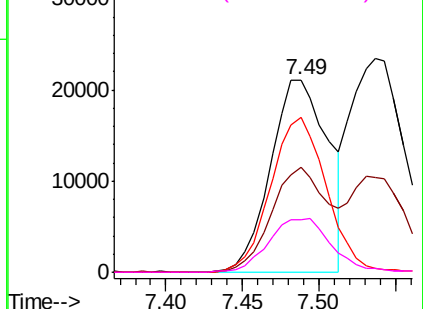
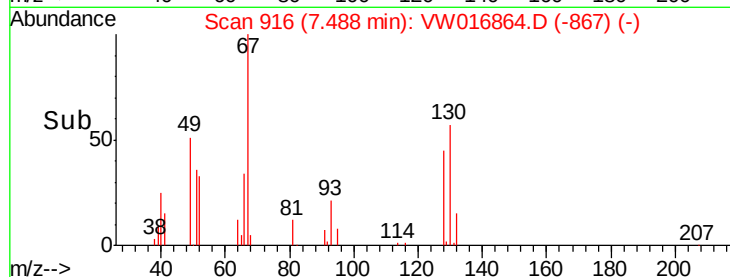


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 53.783 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016864.D

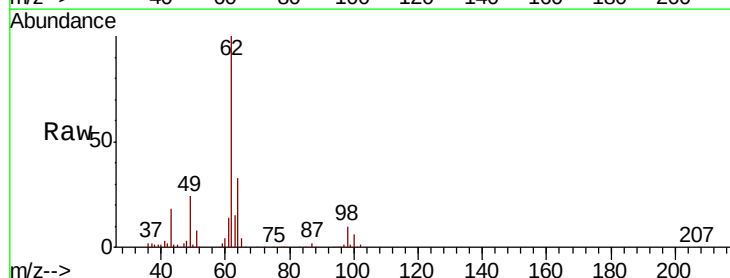
Acq: 09 Oct 2020 16:34

Tgt Ion: 62 Resp: 198220

Ion Ratio Lower Upper

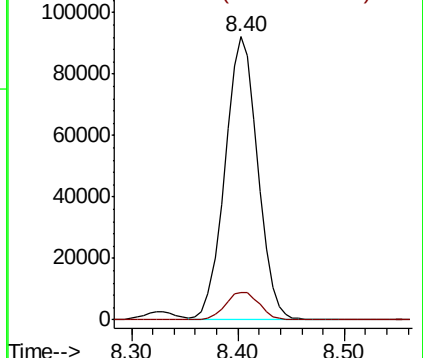
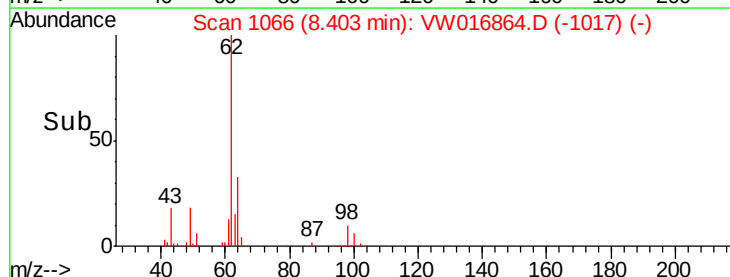
62 100

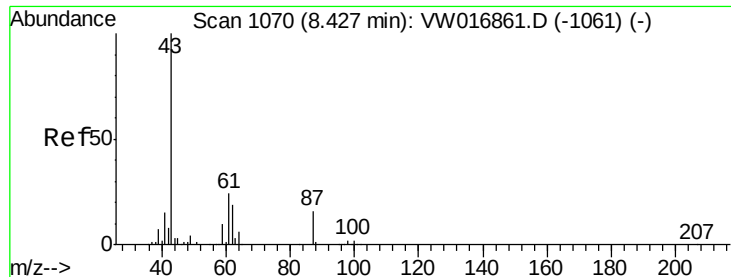
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 57.573 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

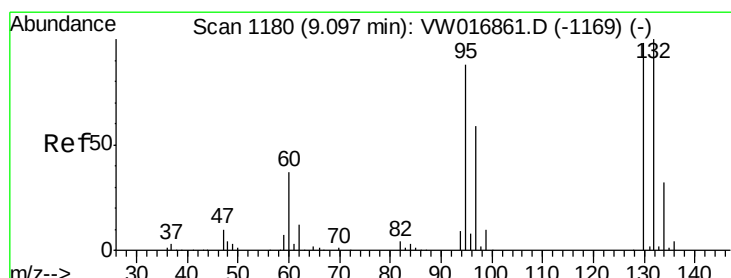
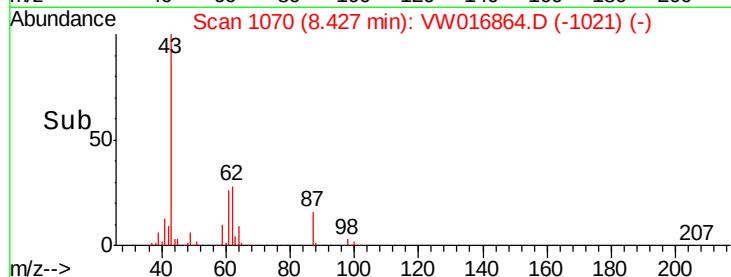
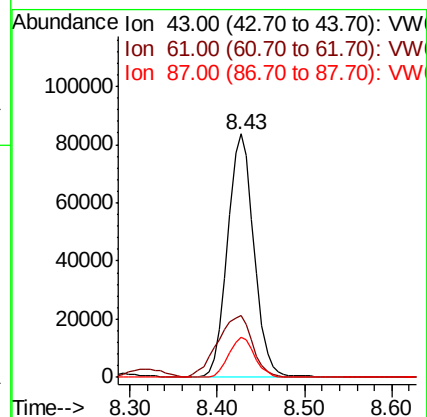
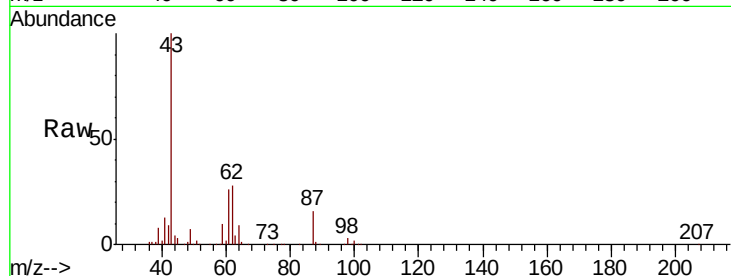
Tot Ion: 43 Resp: 174252

Ion Ratio Lower Upper

43 100

61 34.0 27.5 41.3

87 16.2 13.6 20.4



#44

Trichloroethene

Concen: 51.840 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016864.D

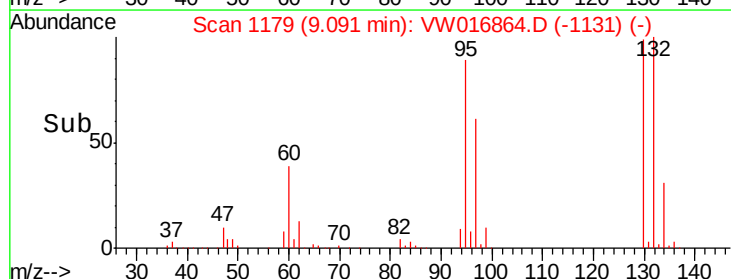
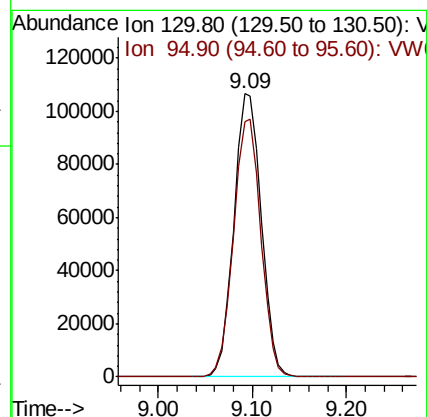
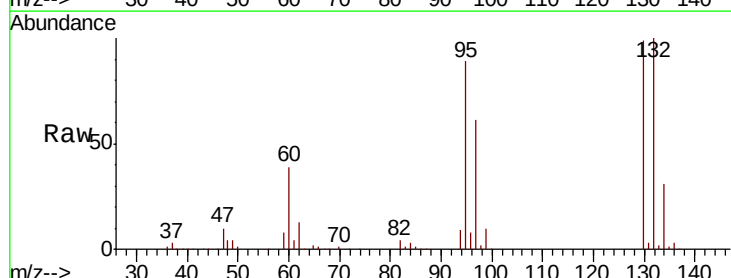
Acq: 09 Oct 2020 16:34

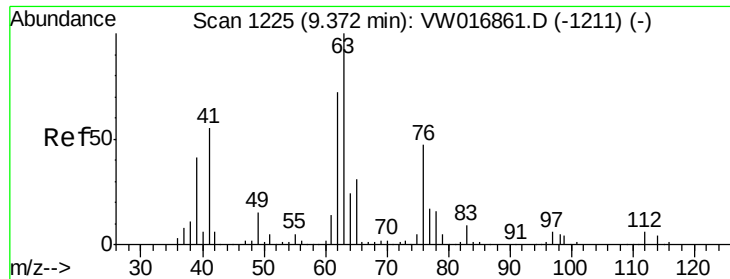
Tgt Ion: 130 Resp: 216194

Ion Ratio Lower Upper

130 100

95 90.4 0.0 180.2

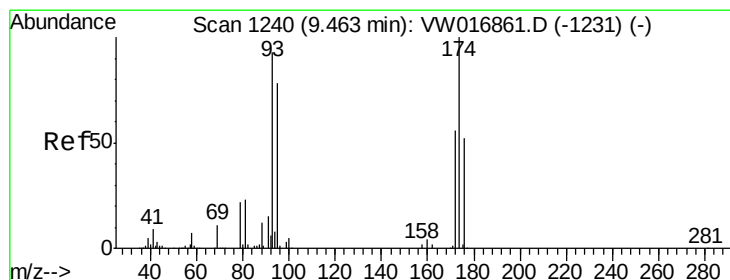
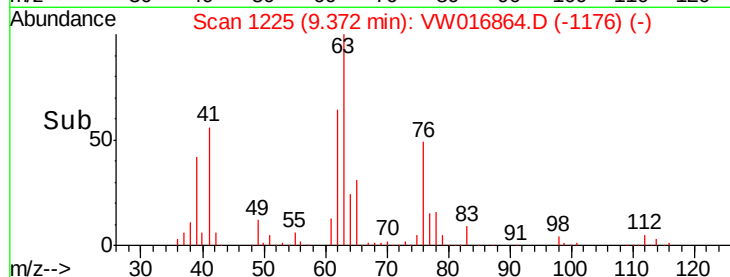
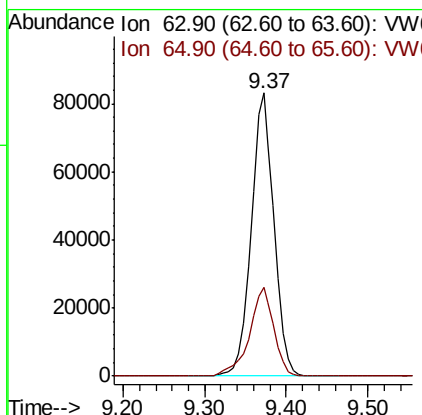
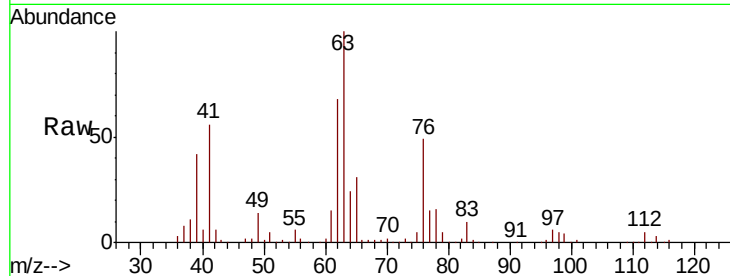




#45
 1,2-Dichloropropane
 Concen: 52.506 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

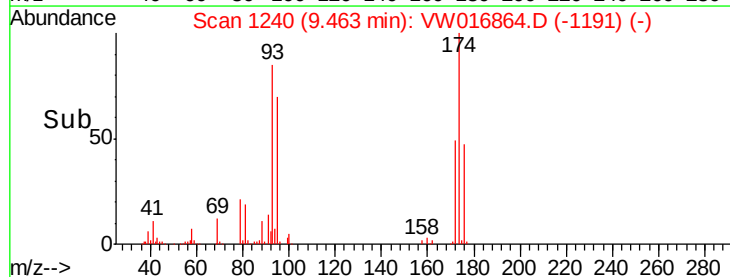
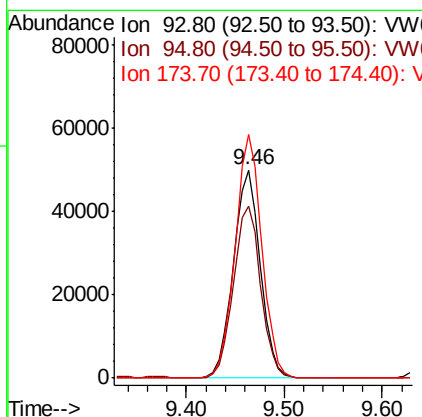
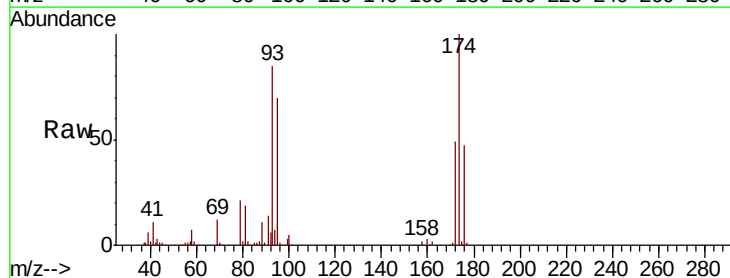
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

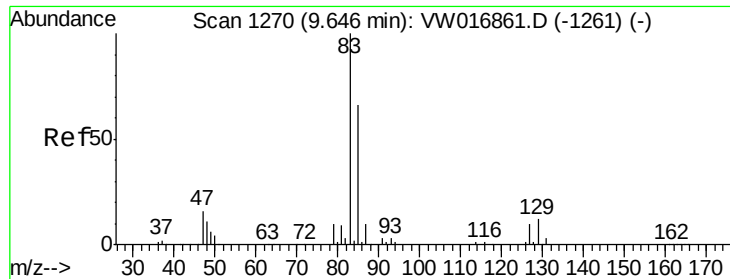
Tot Ion: 63 Resp: 161332
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 54.106 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

Tgt Ion: 93 Resp: 95089
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.5 99.7
 174 116.4 91.0 136.6

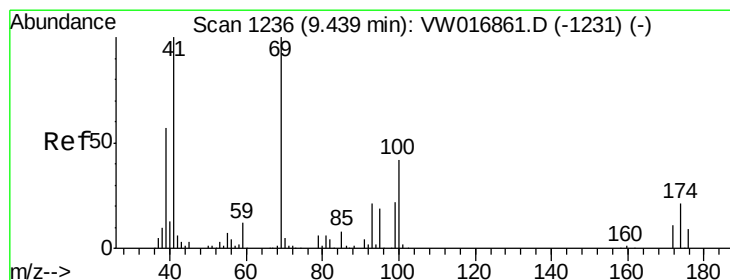
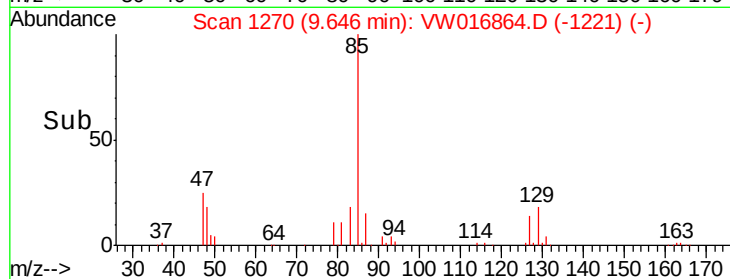
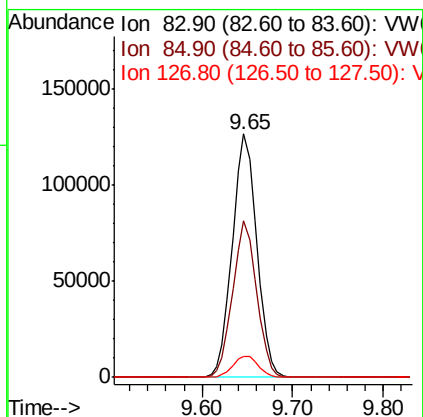
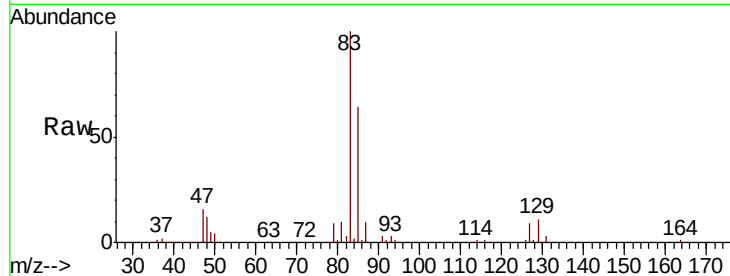




#47
Bromodichloromethane
Concen: 54.267 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

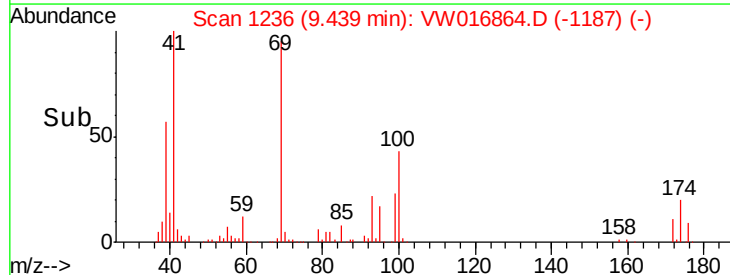
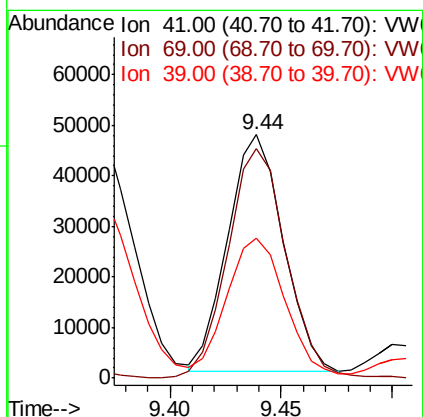
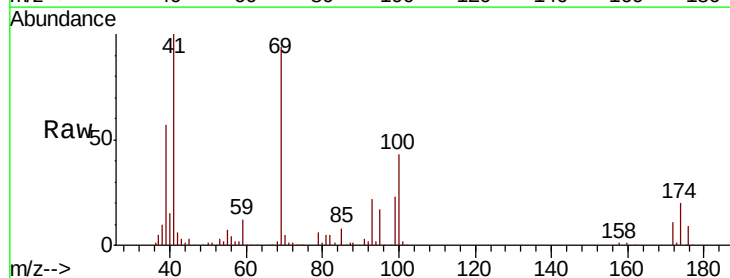
Instrument :
MSVOA_W
ClientSampleId :
ICVWV101020

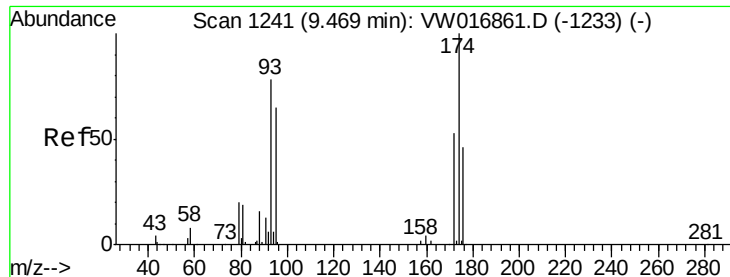
Tot Ion: 83 Resp: 237138
Ion Ratio Lower Upper
83 100
85 64.3 52.7 79.1
127 8.8 7.8 11.6



#48
Methyl methacrylate
Concen: 58.442 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion: 41 Resp: 81511
Ion Ratio Lower Upper
41 100
69 102.7 83.5 125.3
39 58.7 50.9 76.3





#49

1,4-Dioxane

Concen: 1145.271 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

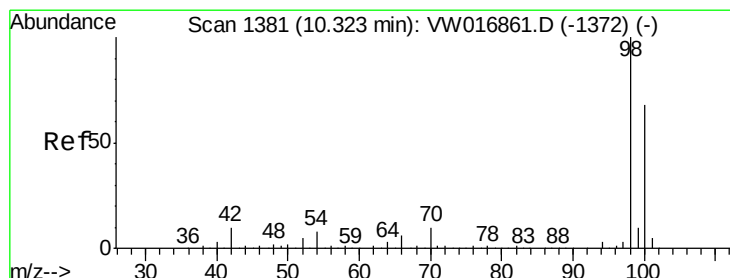
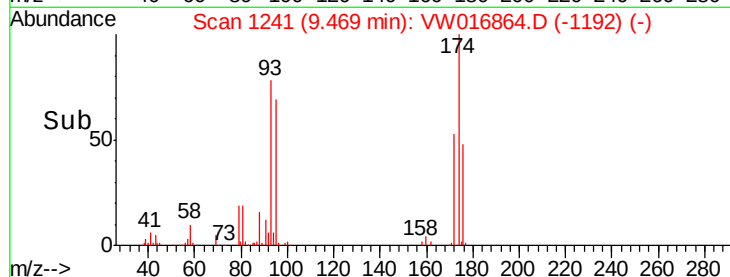
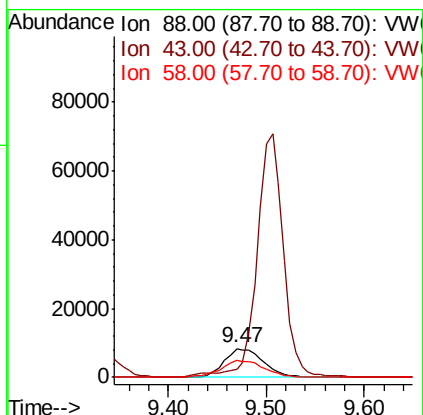
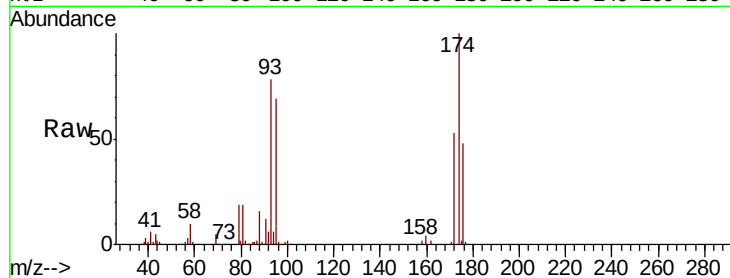
Tot Ion: 88 Resp: 23152

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 66.0 54.0 81.0



#50

Toluene-d8

Concen: 51.969 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016864.D

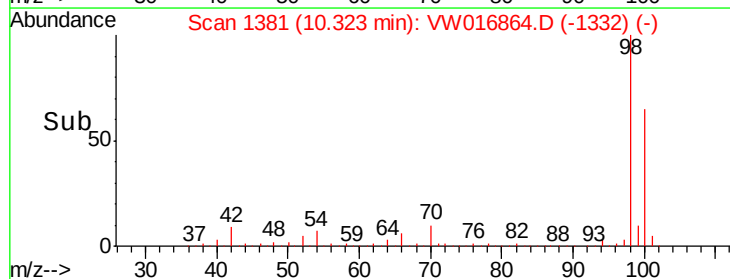
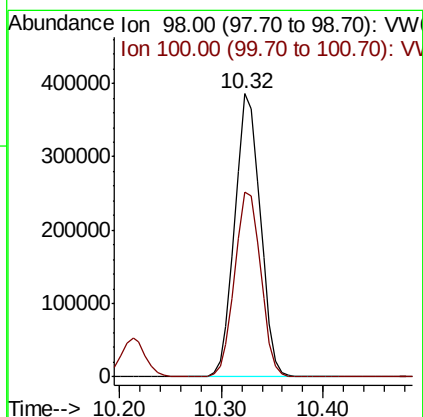
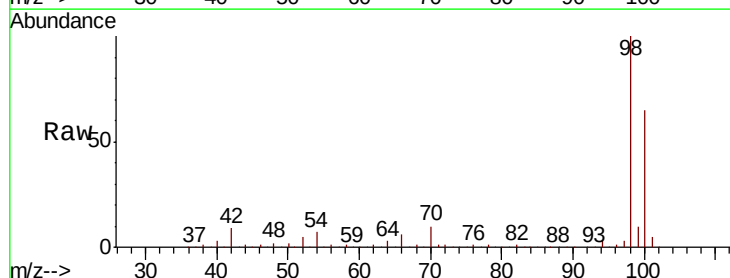
Acq: 09 Oct 2020 16:34

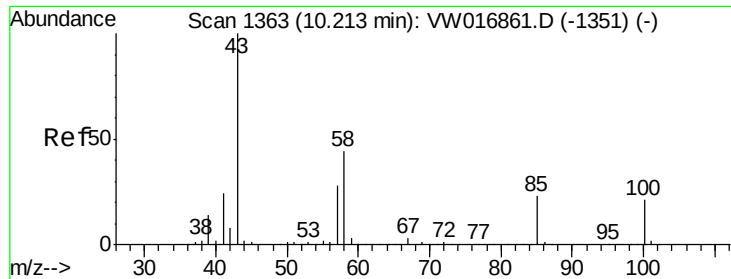
Tgt Ion: 98 Resp: 668076

Ion Ratio Lower Upper

98 100

100 66.7 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 283.015 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

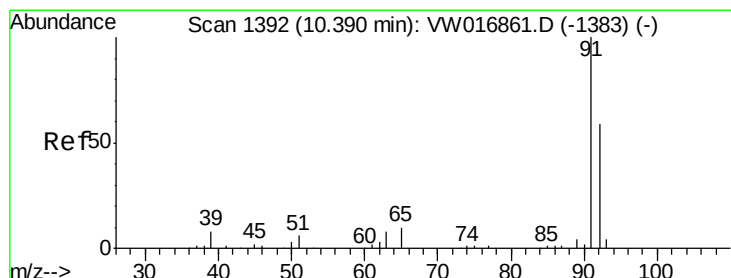
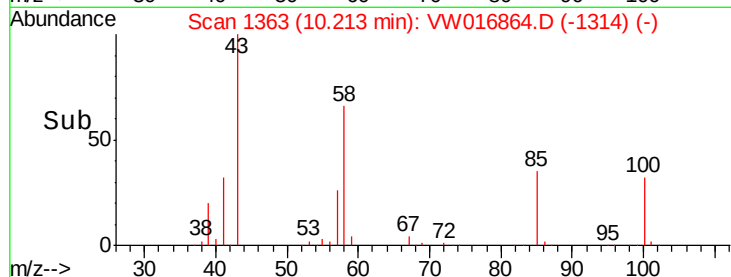
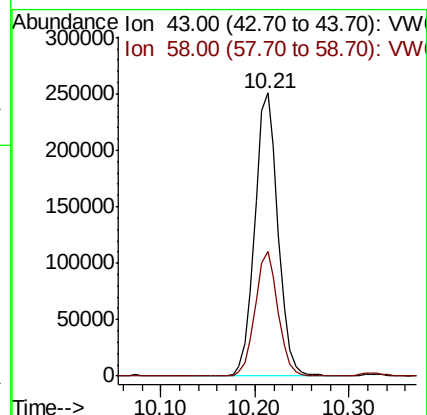
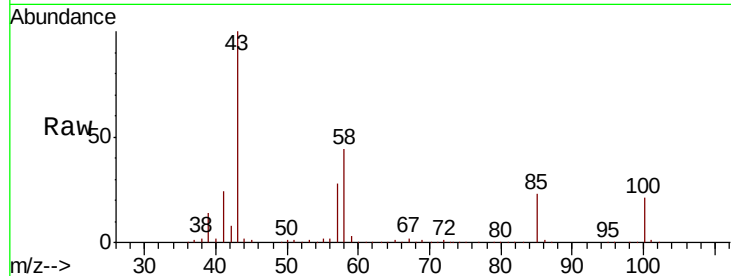
ICVWV101020

Tot Ion: 43 Resp: 433341

Ion Ratio Lower Upper

43 100

58 43.7 34.7 52.1



#52

Toluene

Concen: 52.282 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016864.D

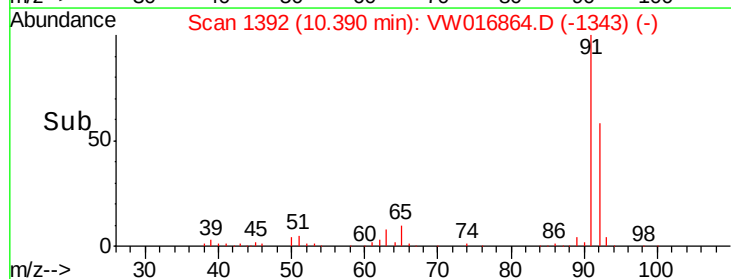
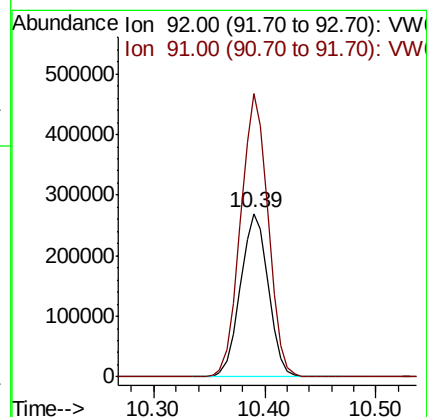
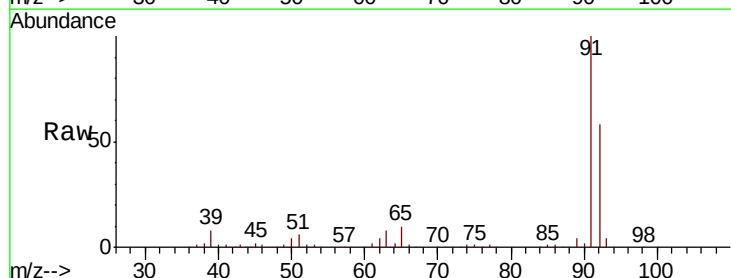
Acq: 09 Oct 2020 16:34

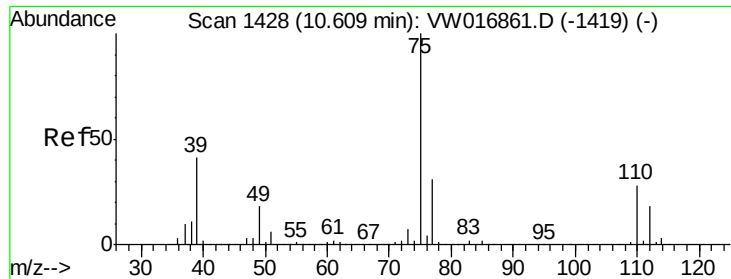
Tgt Ion: 92 Resp: 465666

Ion Ratio Lower Upper

92 100

91 171.4 134.7 202.1

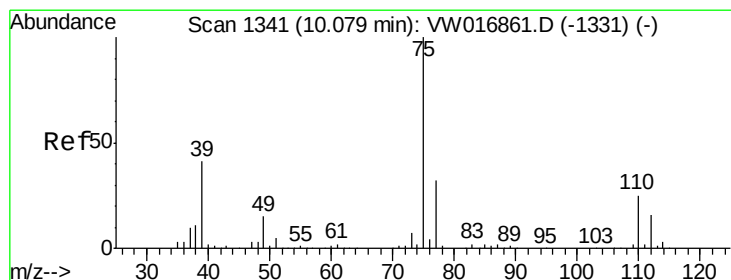
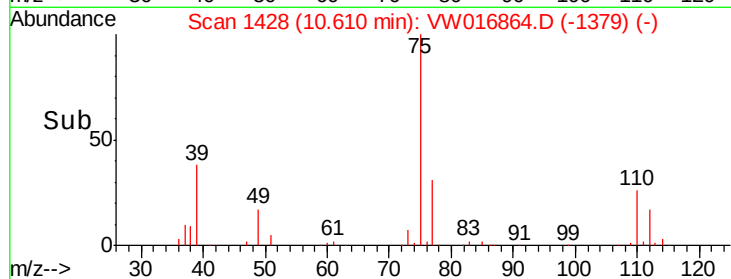
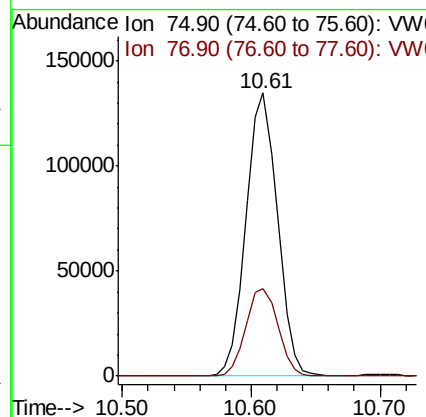
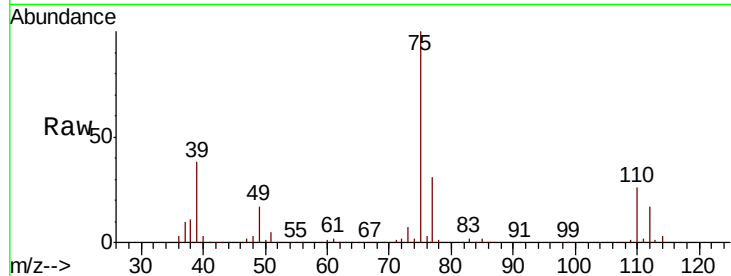




#53
 t-1,3-Dichloropropene
 Concen: 57.007 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

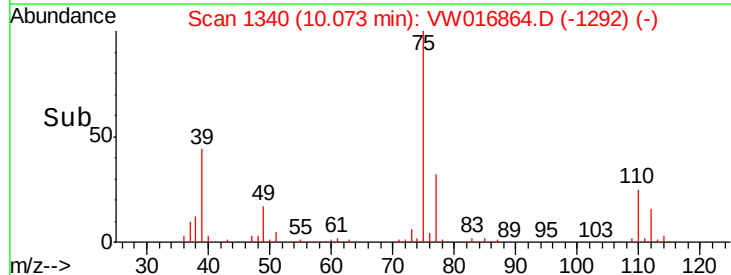
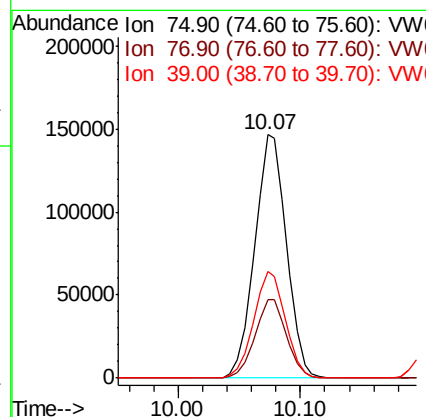
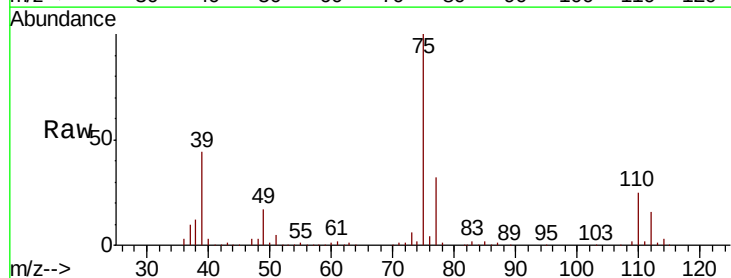
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

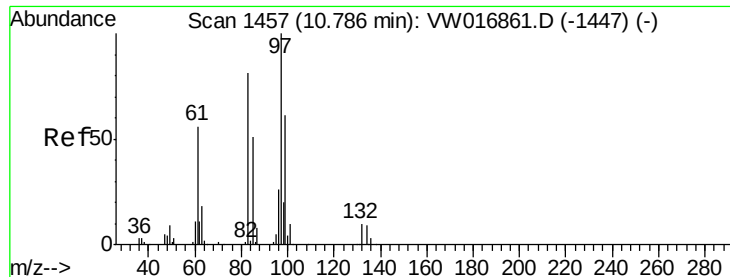
Tot Ion: 75 Resp: 226781
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.495 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

Tgt Ion: 75 Resp: 264795
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6
 39 43.9 32.9 49.3

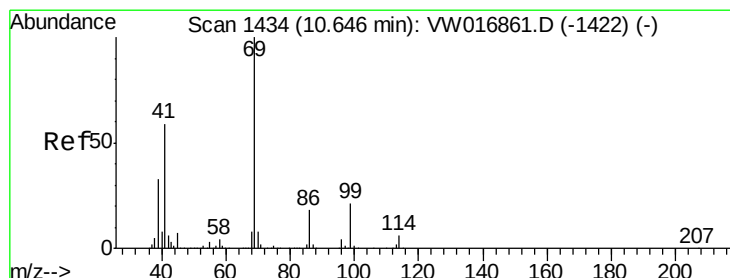
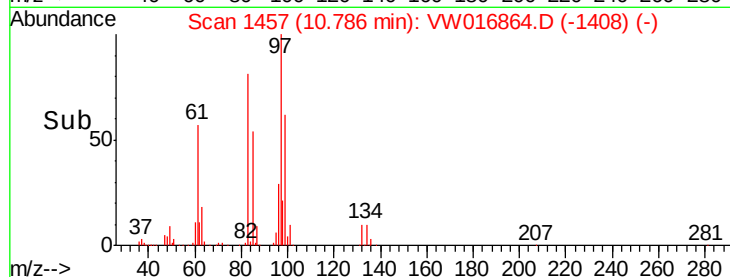
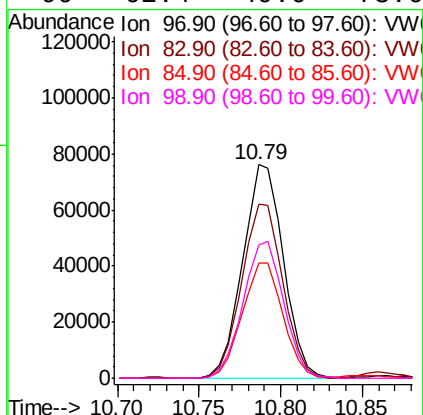
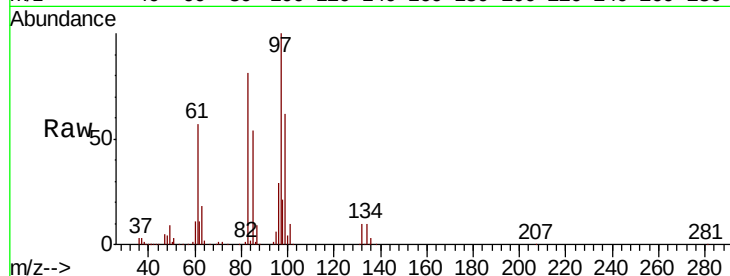




#55
 1,1,2-Trichloroethane
 Concen: 53.096 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

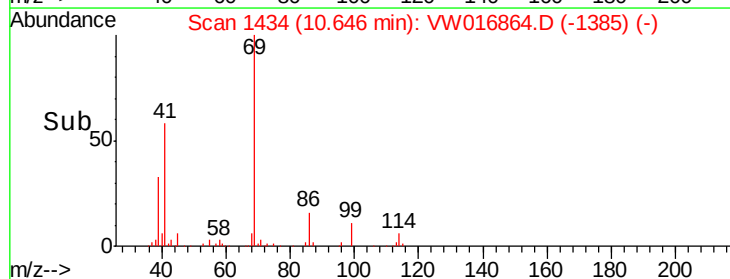
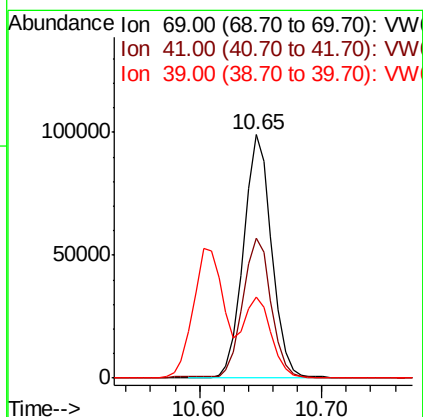
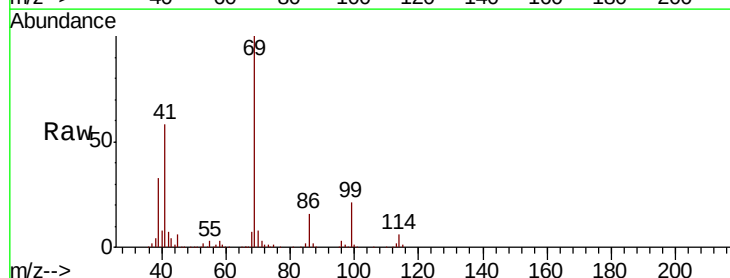
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

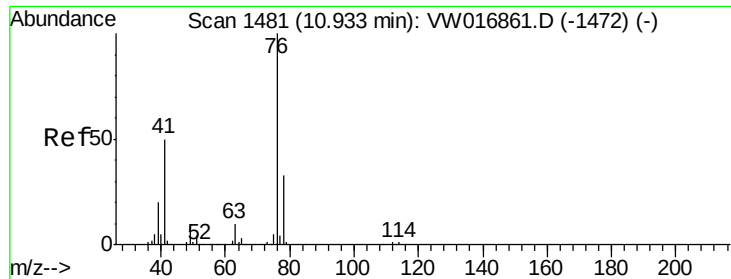
Tot Ion:	97	Resp:	132824
Ion	Ratio	Lower	Upper
97	100		
83	81.4	64.6	97.0
85	53.7	40.6	61.0
99	62.4	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 58.059 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

Tgt Ion:	69	Resp:	157999
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.3	69.5
39	32.9	25.9	38.9

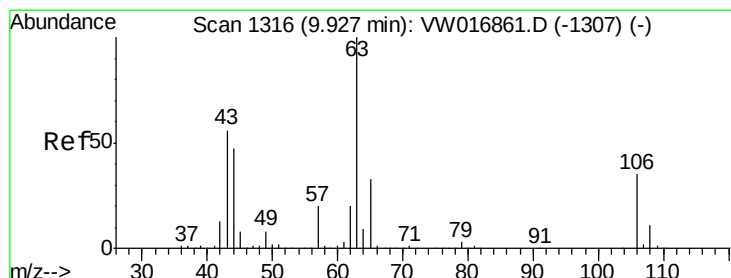
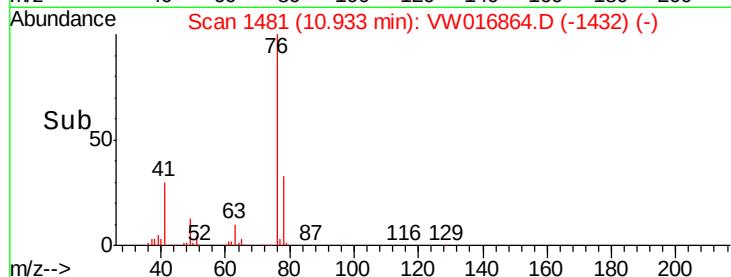
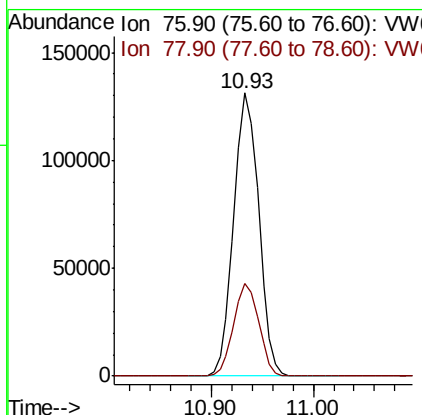
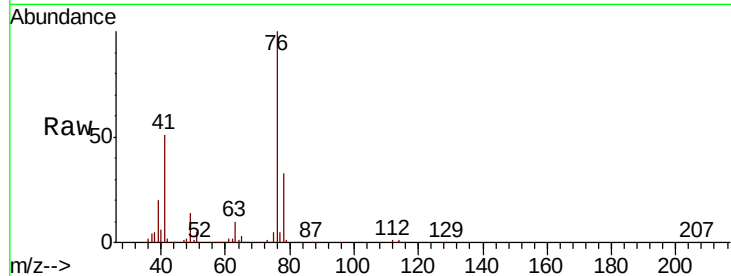




#57
 1,3-Dichloropropane
 Concen: 53.895 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

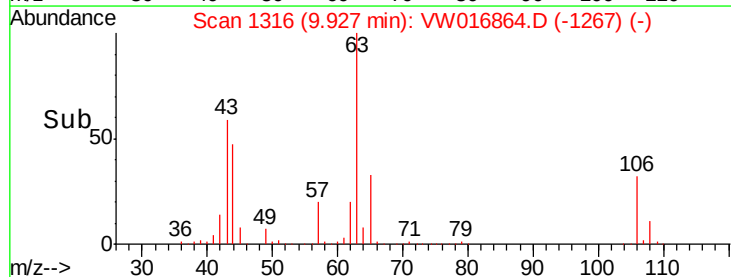
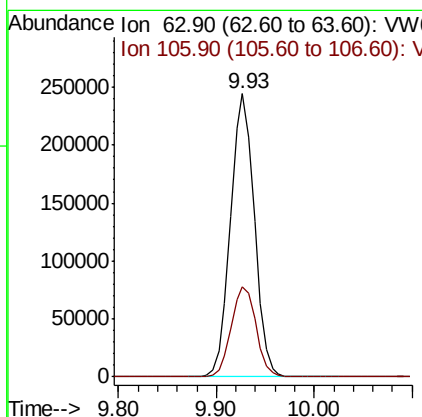
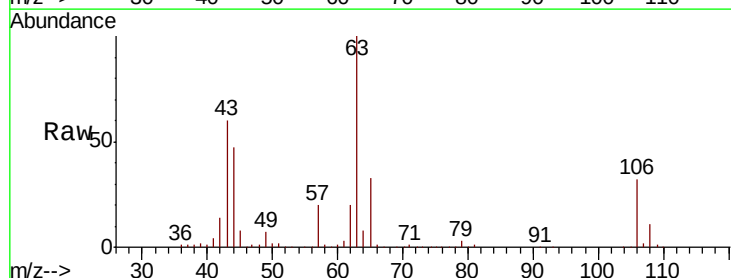
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

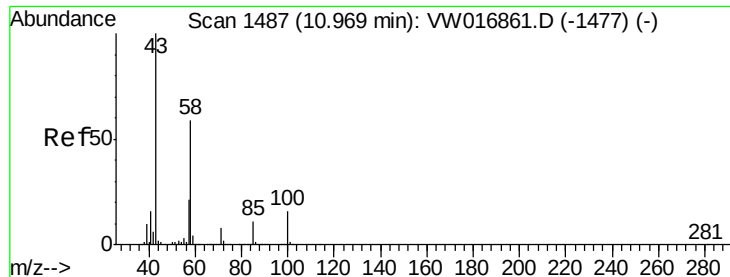
Tot Ion: 76 Resp: 223056
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.191 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

Tgt Ion: 63 Resp: 413489
 Ion Ratio Lower Upper
 63 100
 106 33.0 27.0 40.4

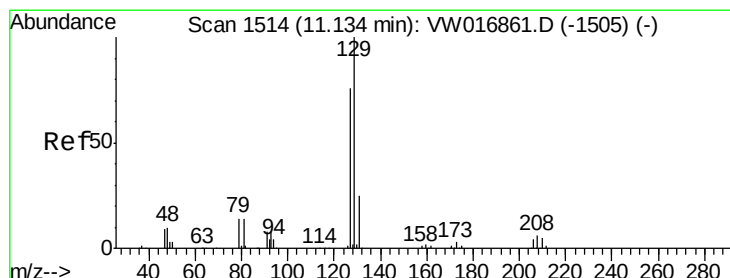
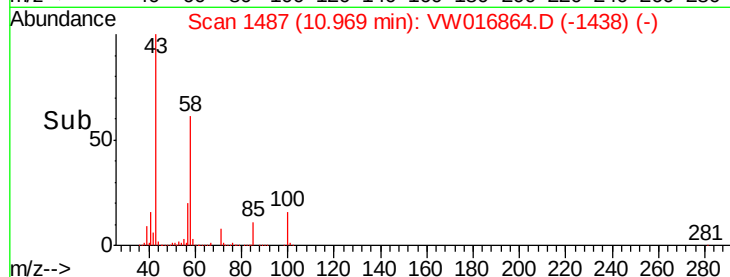
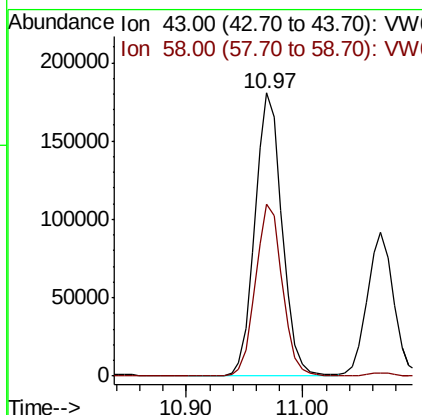
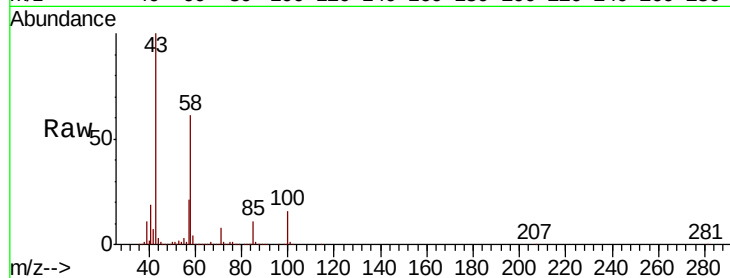




#59
2-Hexanone
Concen: 290.576 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

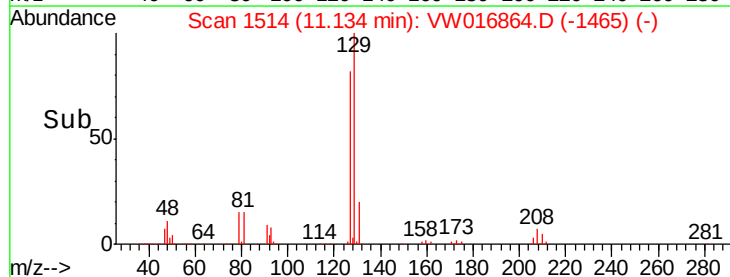
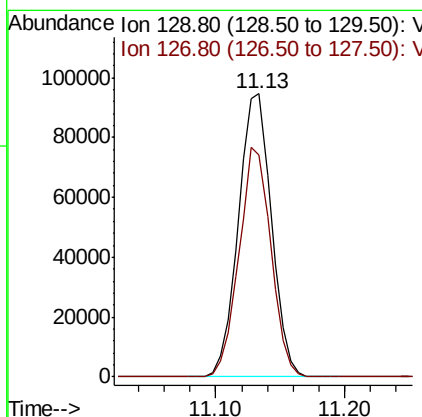
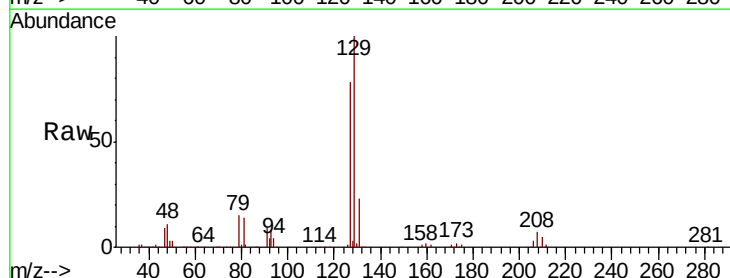
Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

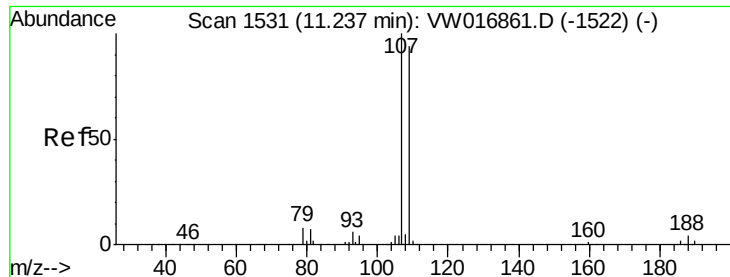
Tot Ion: 43 Resp: 294376
Ion Ratio Lower Upper
43 100
58 60.2 29.5 88.5



#60
Dibromochloromethane
Concen: 54.657 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion: 129 Resp: 167703
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 54.544 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

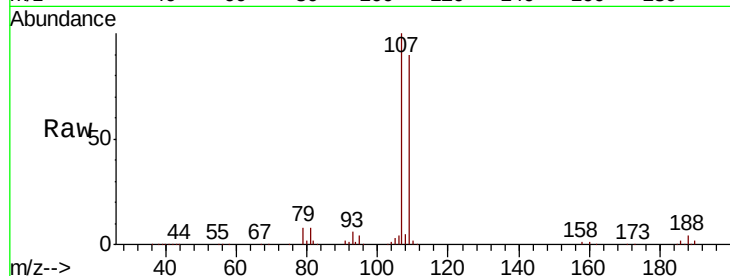
ICVW101020

Tot Ion: 107 Resp: 135126

Ion Ratio Lower Upper

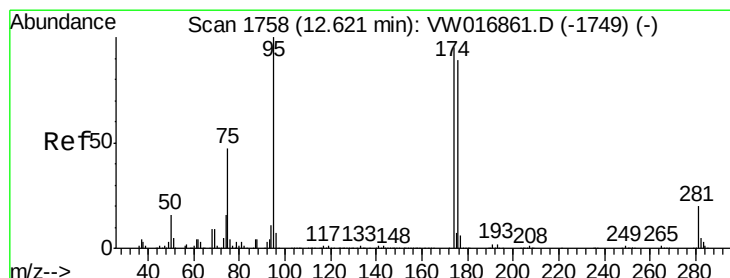
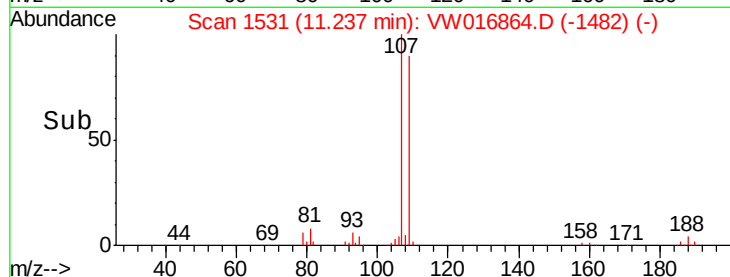
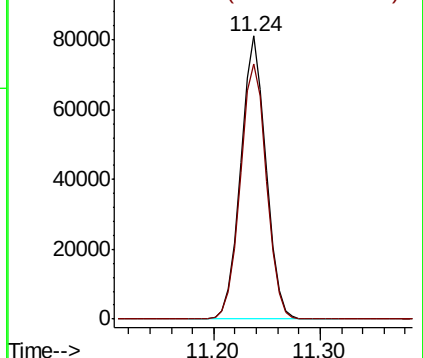
107 100

109 93.5 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.132 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

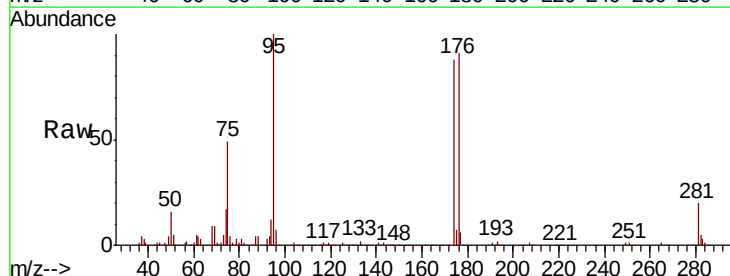
Tgt Ion: 95 Resp: 239968

Ion Ratio Lower Upper

95 100

174 88.2 0.0 180.6

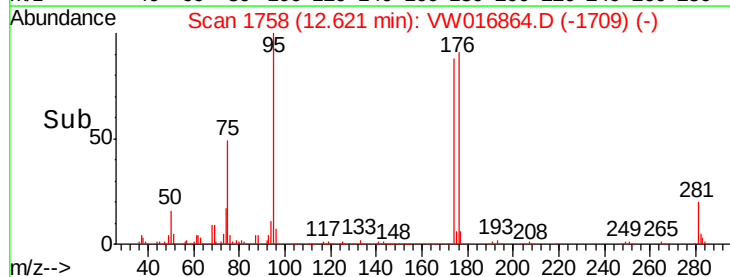
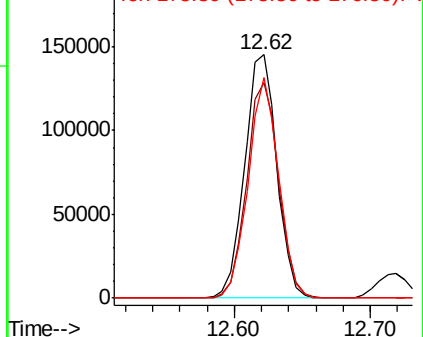
176 85.8 0.0 177.6

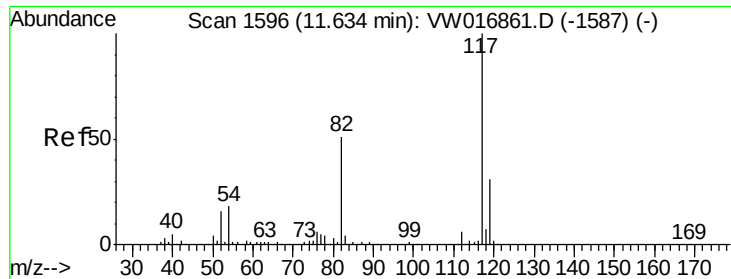


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

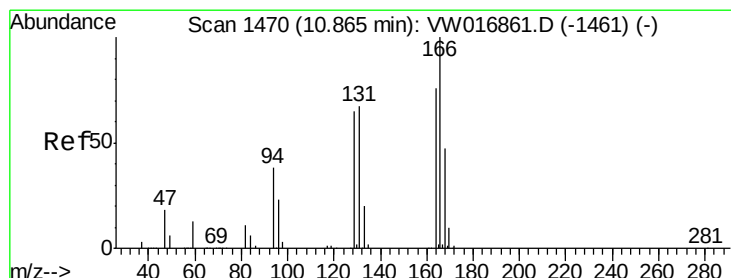
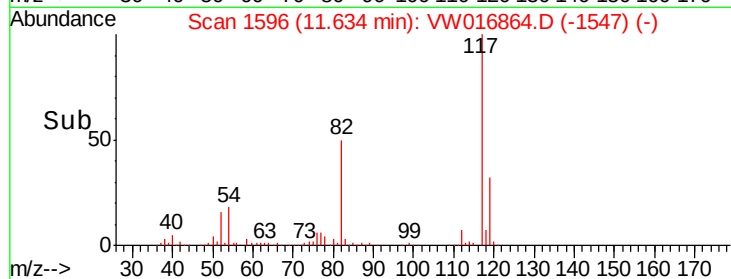
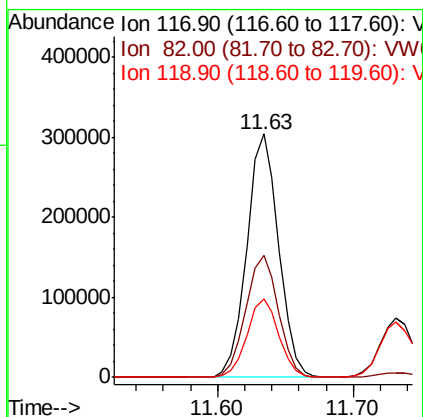
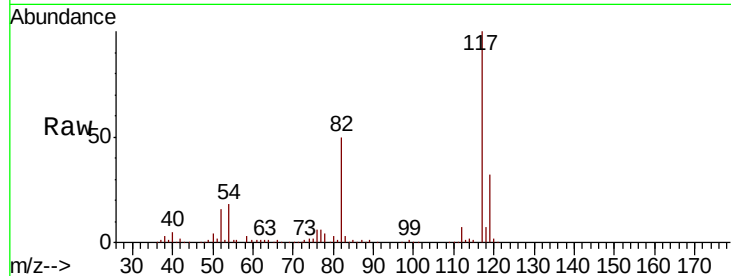




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

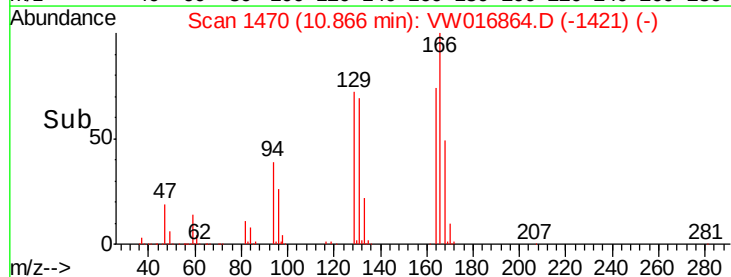
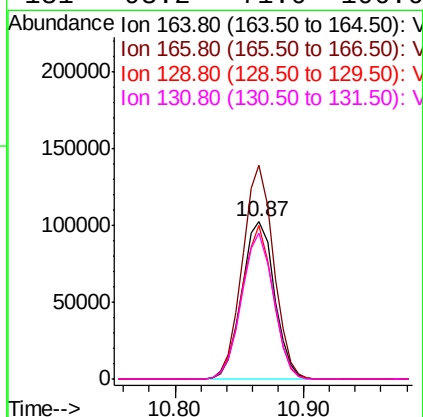
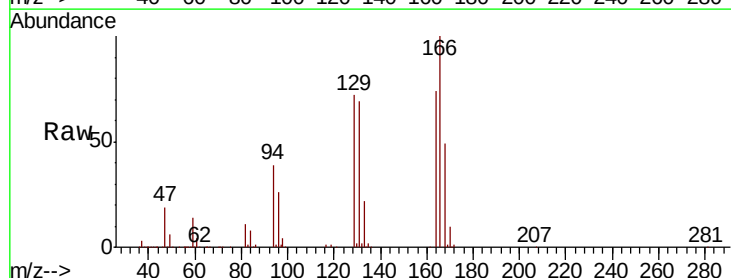
Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

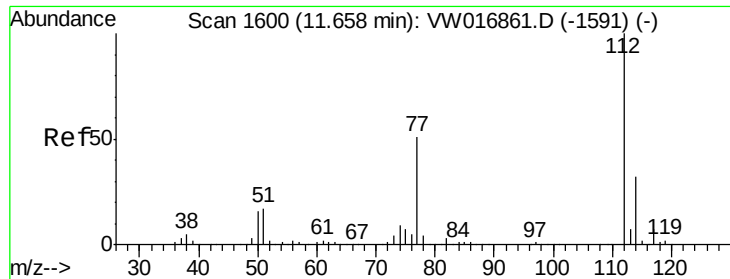
Tot Ion:117 Resp: 497556
Ion Ratio Lower Upper
117 100
82 49.9 40.7 61.1
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 50.314 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion:164 Resp: 178357
Ion Ratio Lower Upper
164 100
166 136.0 105.3 157.9
129 97.9 68.8 103.2
131 93.2 71.0 106.6

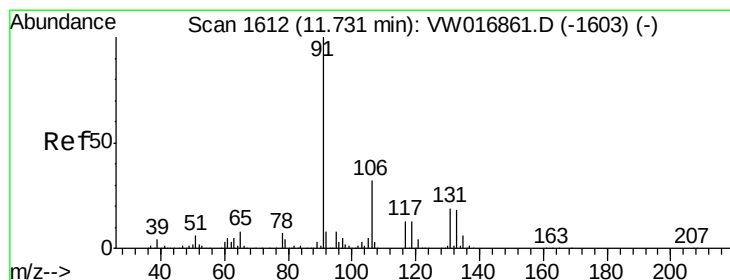
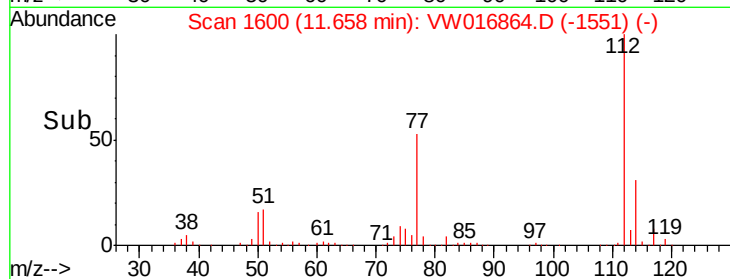
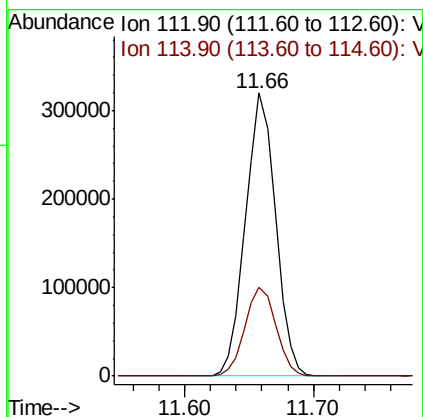
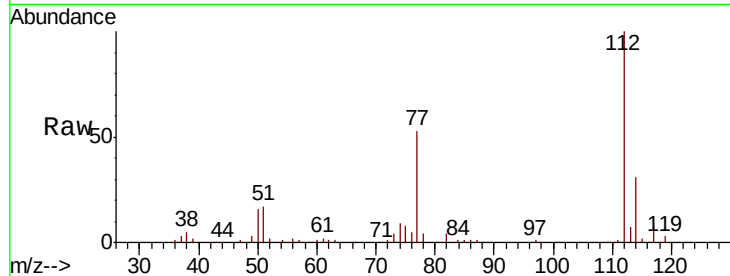




#65
Chlorobenzene
Concen: 52.961 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

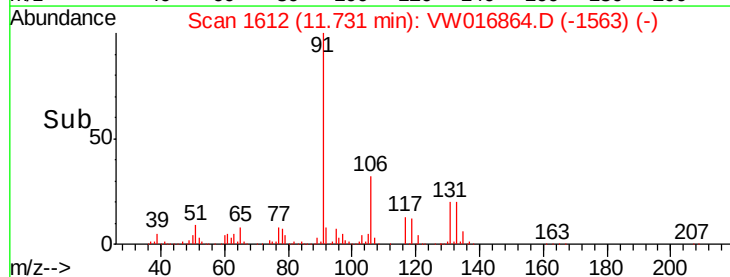
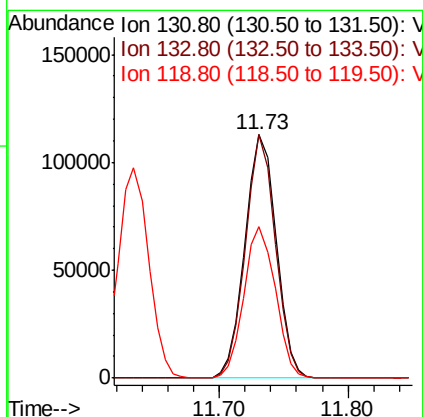
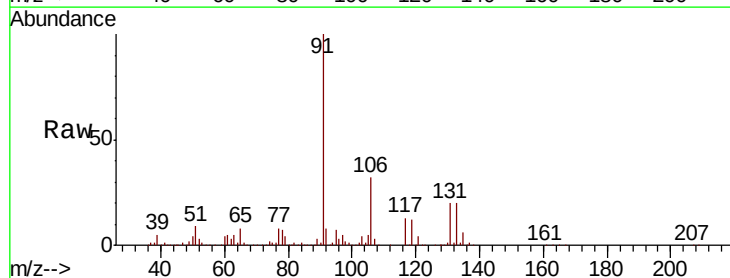
Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

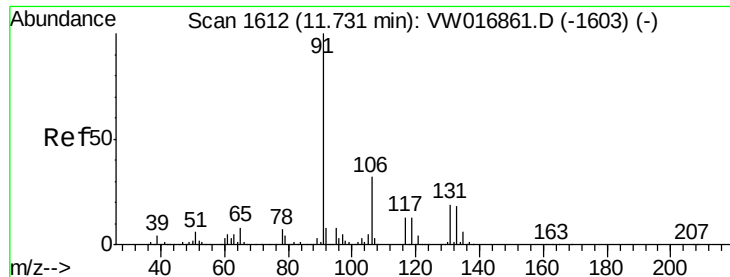
Tot Ion:112 Resp: 516866
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.044 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion:131 Resp: 189975
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.3
119 62.2 32.5 97.4

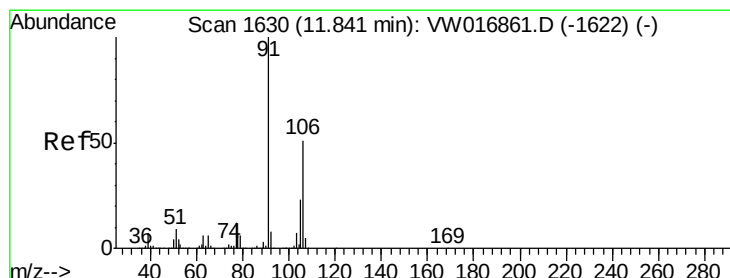
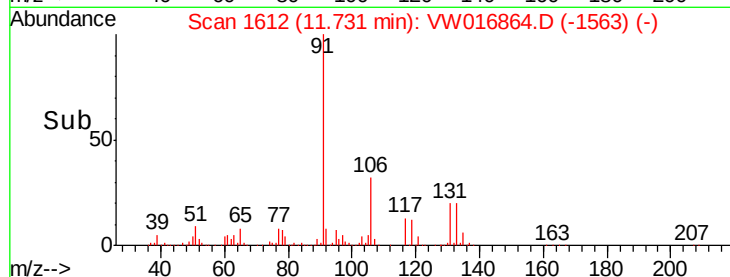
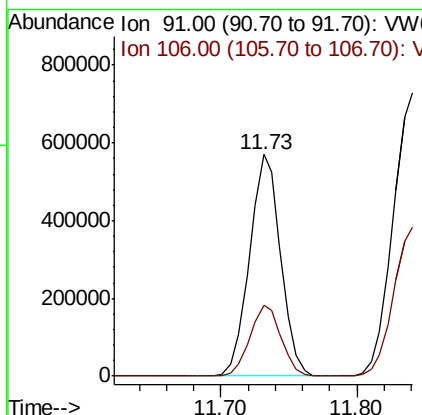
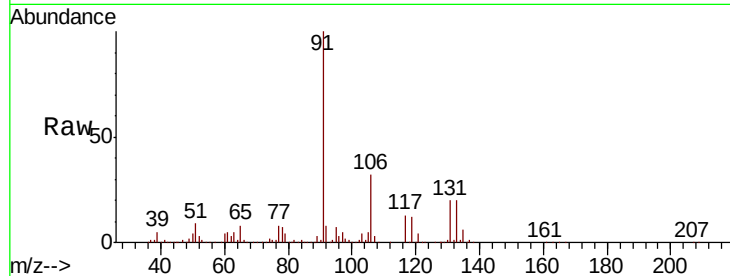




#67
Ethyl Benzene
Concen: 53.633 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

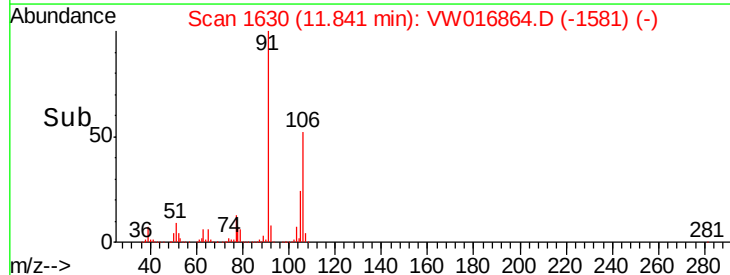
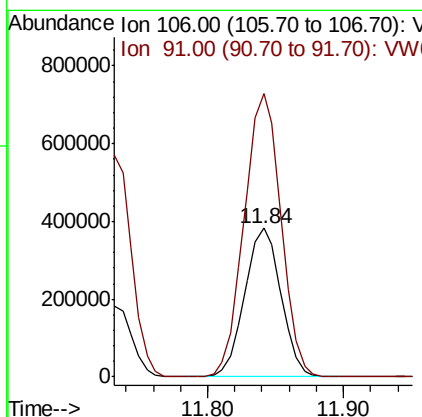
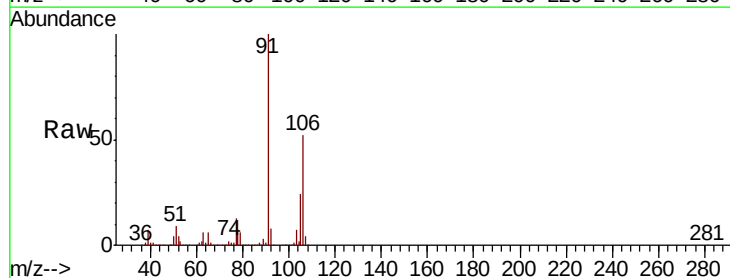
Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

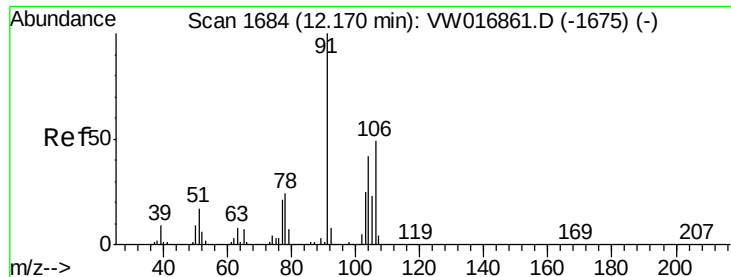
Tot Ion: 91 Resp: 912091
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9



#68
m/p-Xylenes
Concen: 107.658 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion: 106 Resp: 712061
Ion Ratio Lower Upper
106 100
91 194.1 157.4 236.0

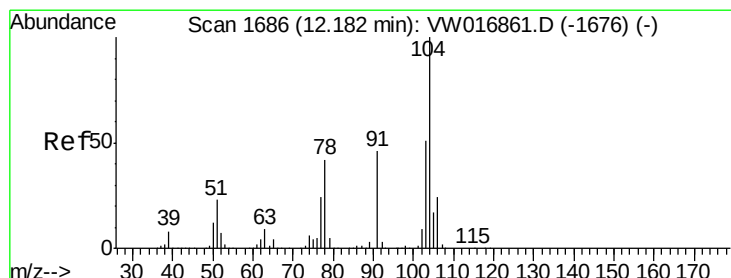
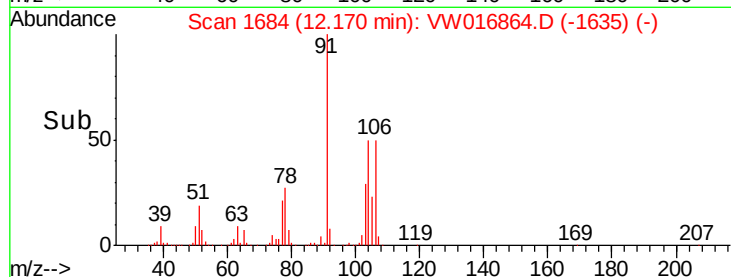
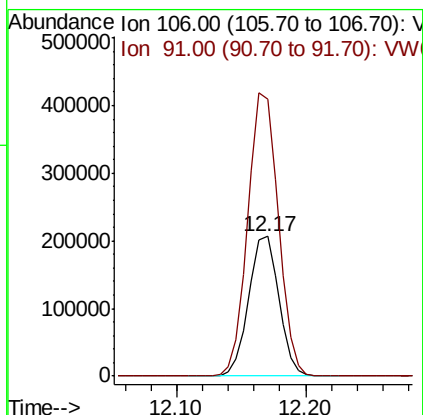
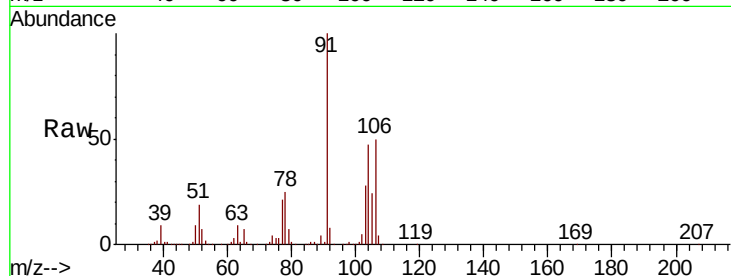




#69
o-Xylene
Concen: 54.937 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

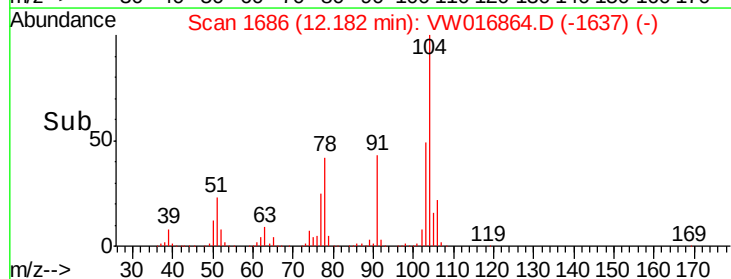
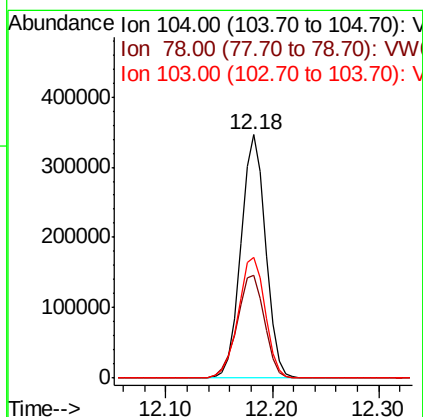
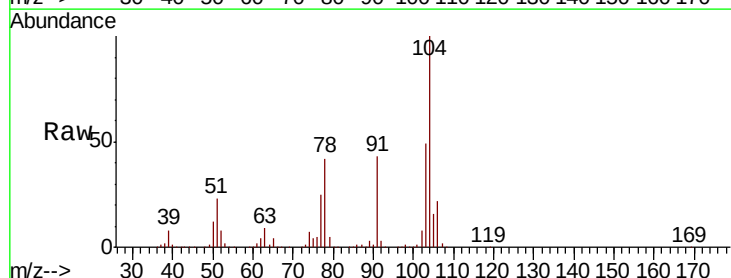
Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

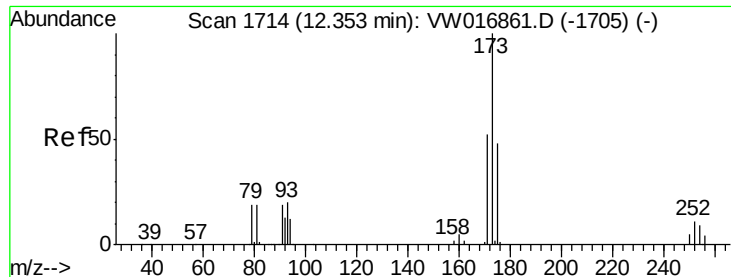
Tot Ion:106 Resp: 333447
Ion Ratio Lower Upper
106 100
91 205.2 103.6 310.9



#70
Styrene
Concen: 55.813 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion:104 Resp: 563808
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 54.1 43.6 65.4





#71

Bromoform

Concen: 58.034 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVWV101020

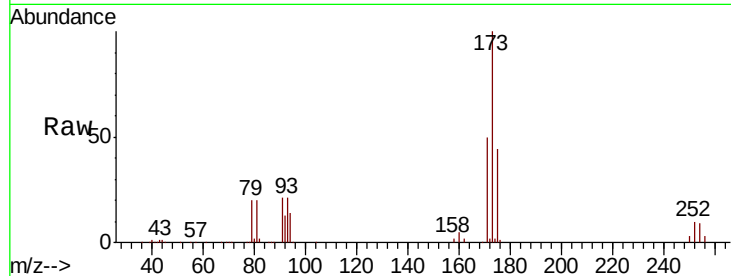
Tot Ion:173 Resp: 100555

Ion Ratio Lower Upper

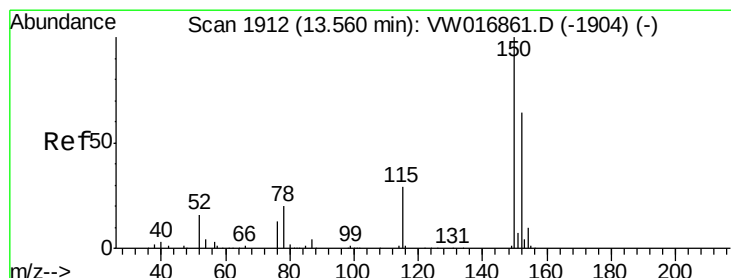
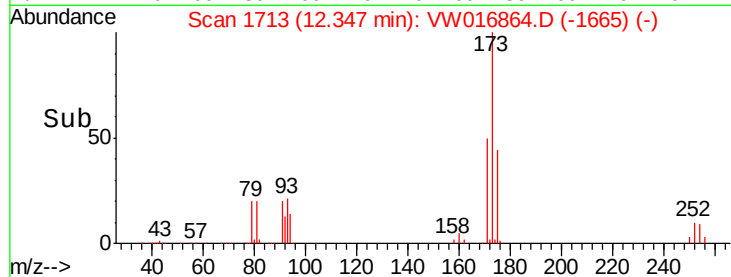
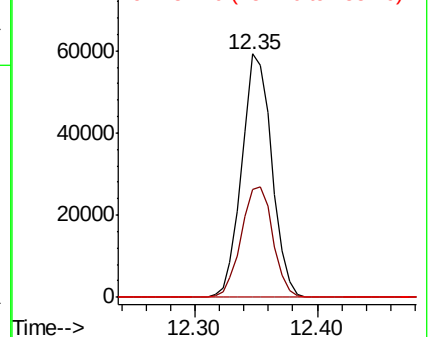
173 100

175 47.8 24.7 74.1

254 0.1 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: VW016864.D

Acq: 09 Oct 2020 16:34

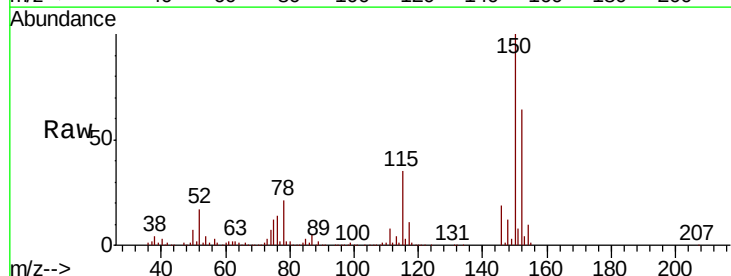
Tgt Ion:152 Resp: 255313

Ion Ratio Lower Upper

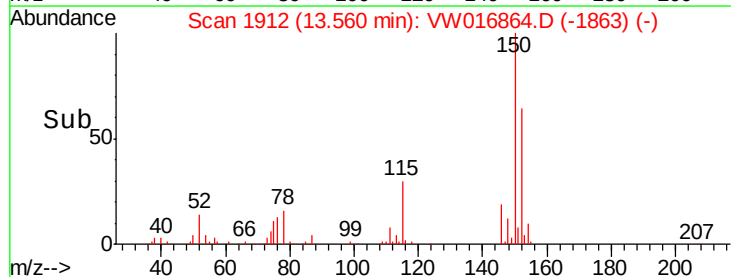
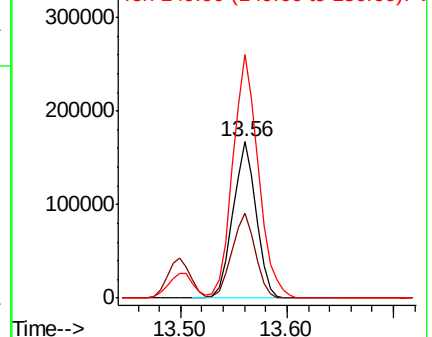
152 100

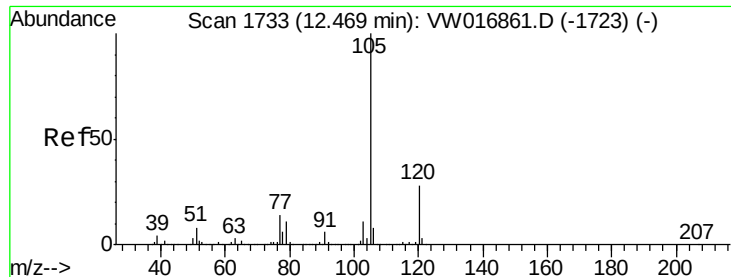
115 54.6 27.9 83.7

150 171.7 0.0 344.0



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





#73

Isopropylbenzene

Concen: 54.280 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

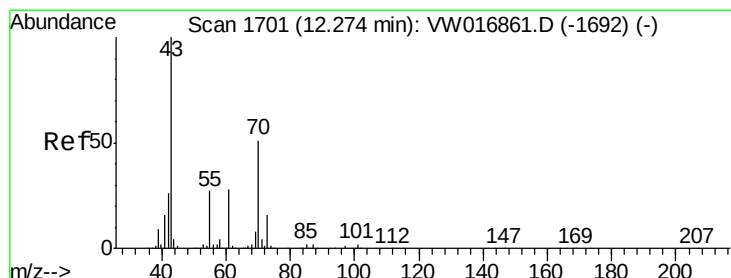
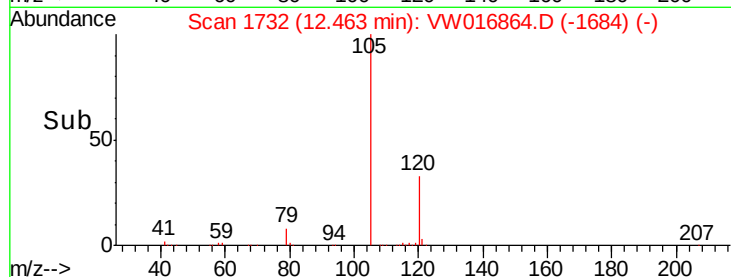
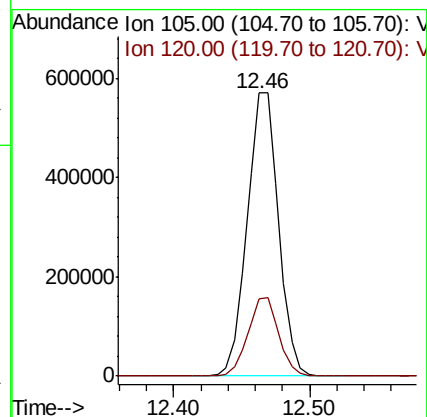
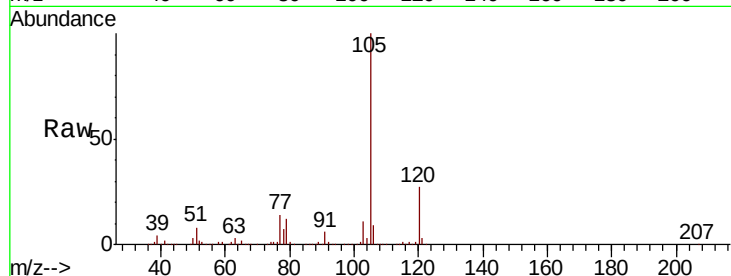
ICVW101020

Tot Ion:105 Resp: 921120

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 59.326 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Tgt Ion: 43 Resp: 161709

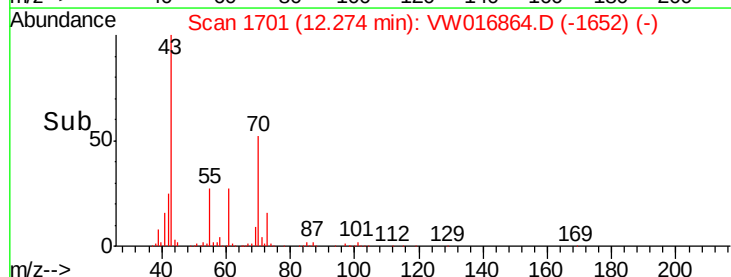
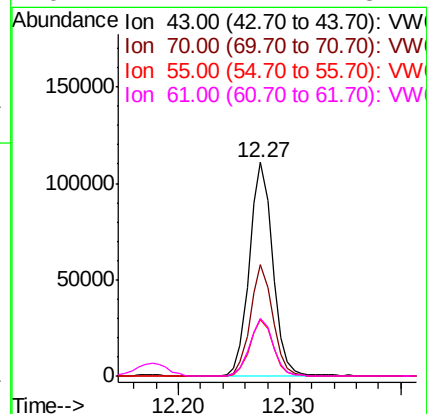
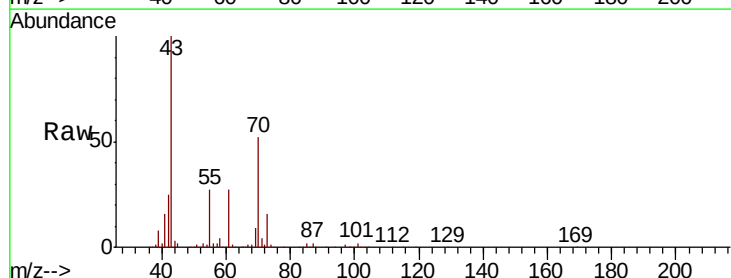
Ion Ratio Lower Upper

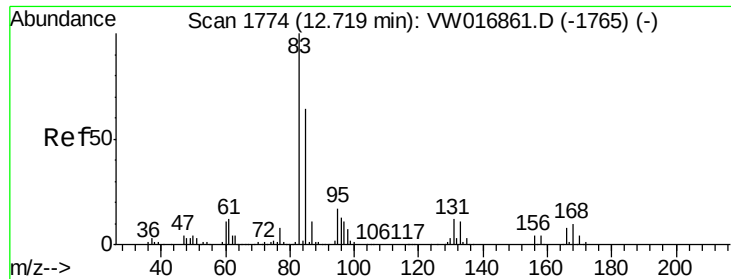
43 100

70 50.4 40.2 60.4

55 26.5 21.4 32.0

61 27.1 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.486 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVWV101020

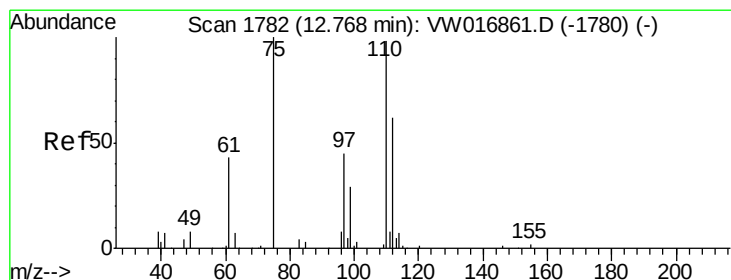
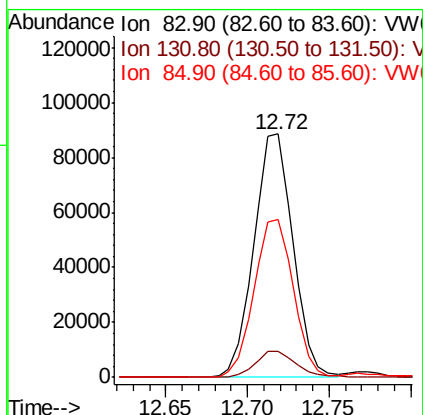
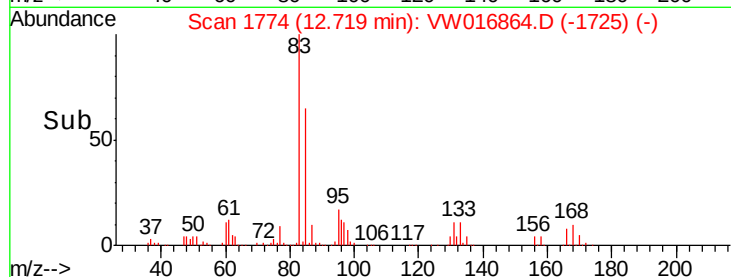
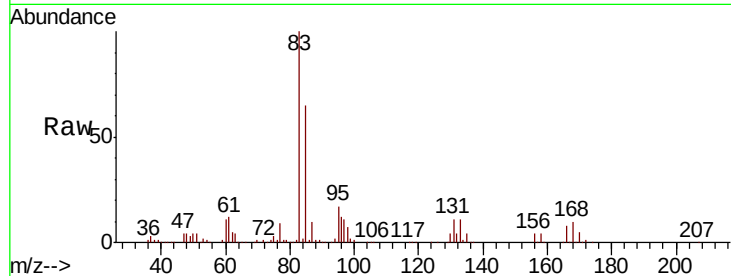
Tot Ion: 83 Resp: 147737

Ion Ratio Lower Upper

83 100

131 11.7 6.1 18.3

85 65.1 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 97.257 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016864.D

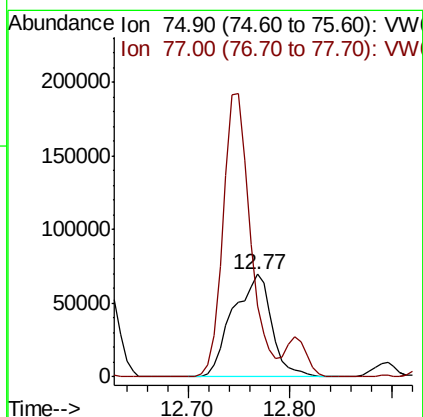
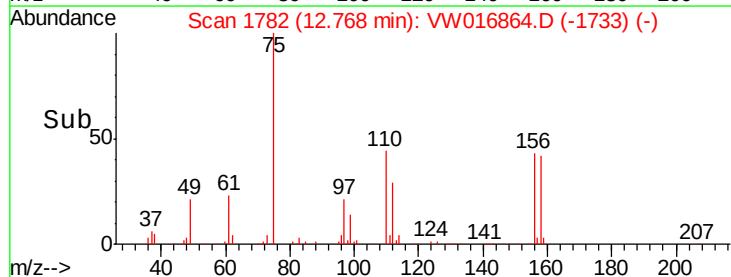
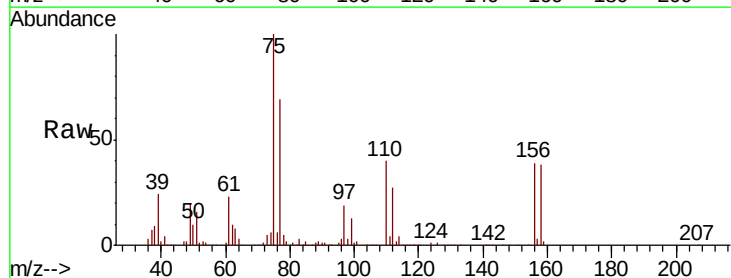
Acq: 09 Oct 2020 16:34

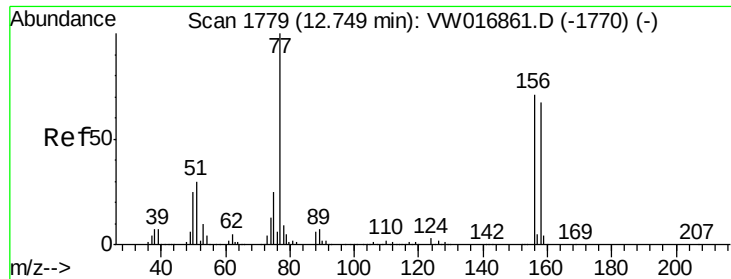
Tgt Ion: 75 Resp: 185281

Ion Ratio Lower Upper

75 100

77 193.6 178.8 536.3





#77

Bromobenzene

Concen: 52.958 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

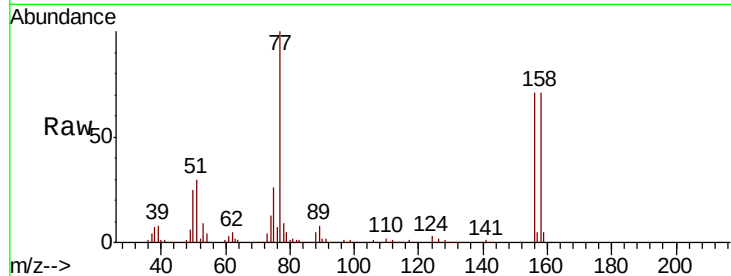
Tot Ion:156 Resp: 222149

Ion Ratio Lower Upper

156 100

77 161.5 79.0 237.2

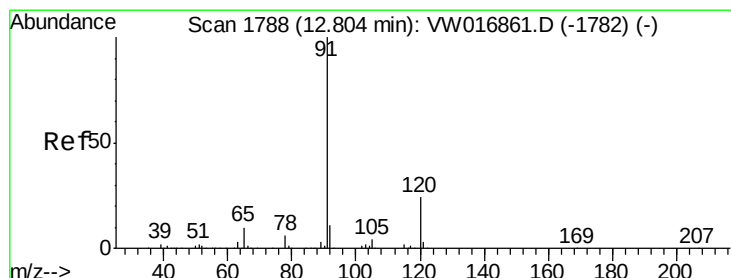
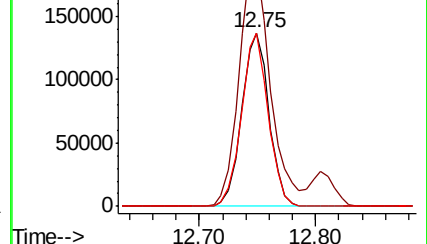
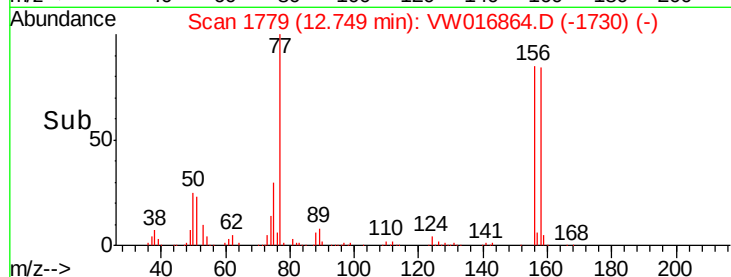
158 97.8 47.0 141.2



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: 54.065 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016864.D

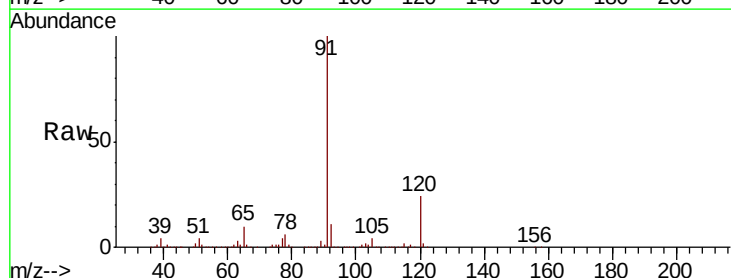
Acq: 09 Oct 2020 16:34

Tgt Ion: 91 Resp: 1058068

Ion Ratio Lower Upper

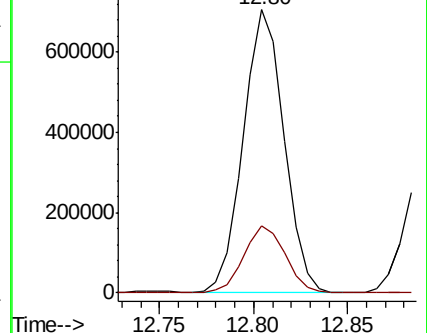
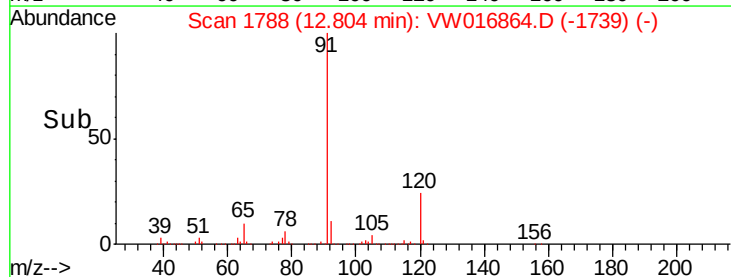
91 100

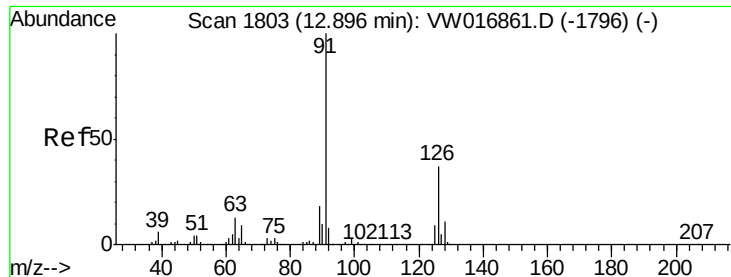
120 24.0 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.016 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

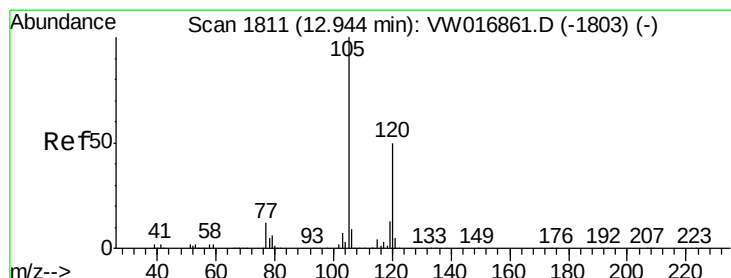
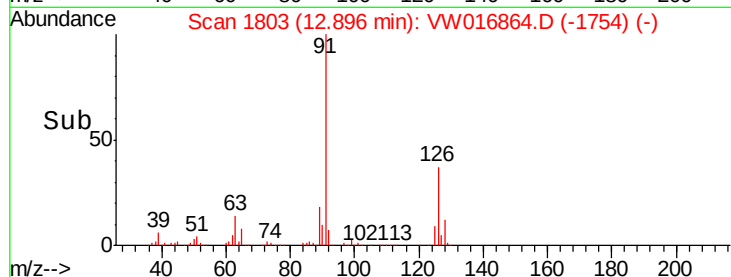
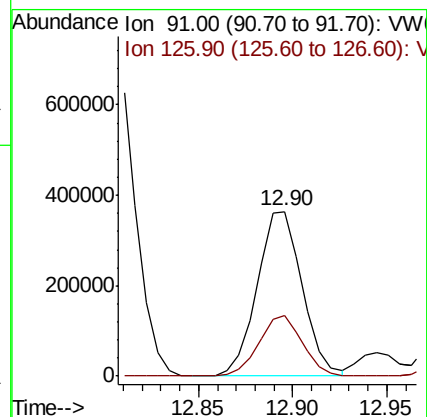
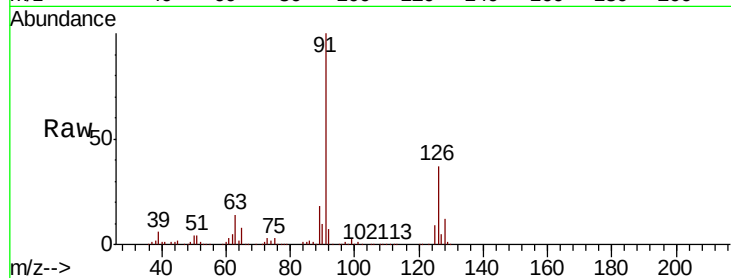
ICVW101020

Tot Ion: 91 Resp: 603034

Ion Ratio Lower Upper

91 100

126 35.6 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 54.804 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016864.D

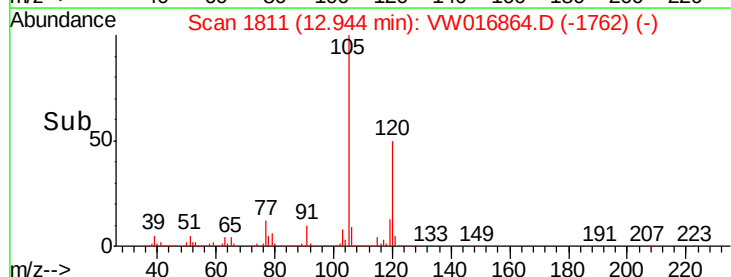
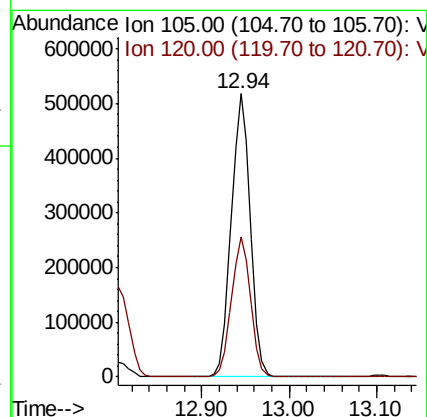
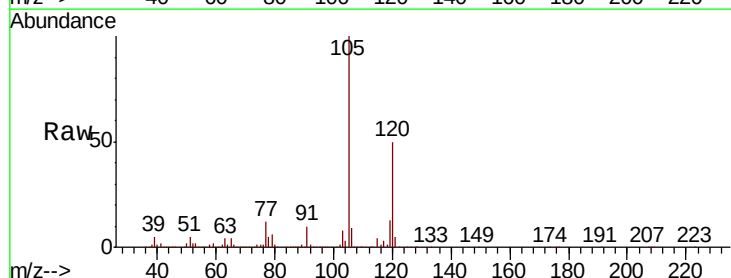
Acq: 09 Oct 2020 16:34

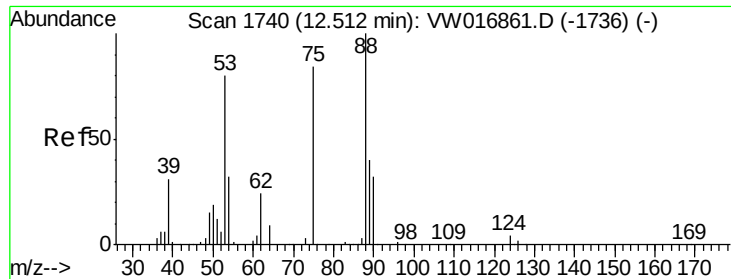
Tgt Ion:105 Resp: 779400

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 60.052 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVWV101020

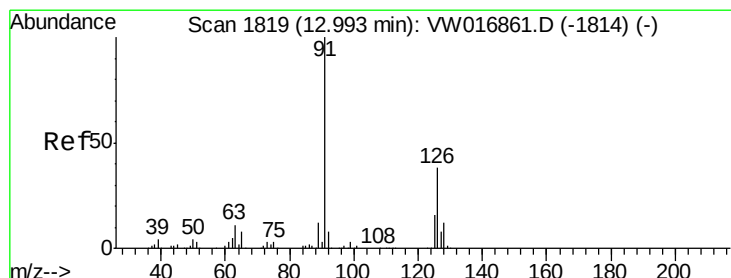
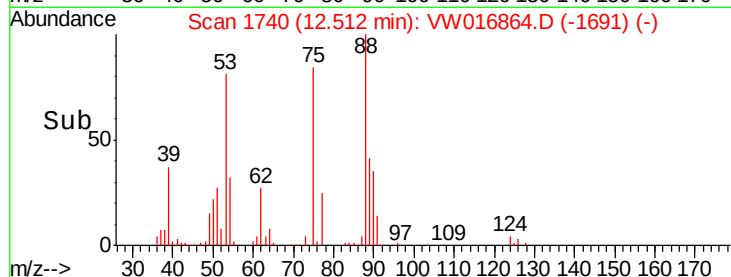
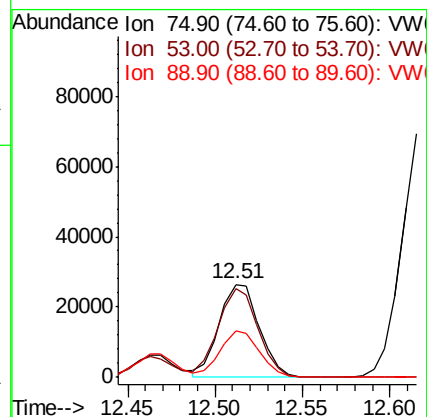
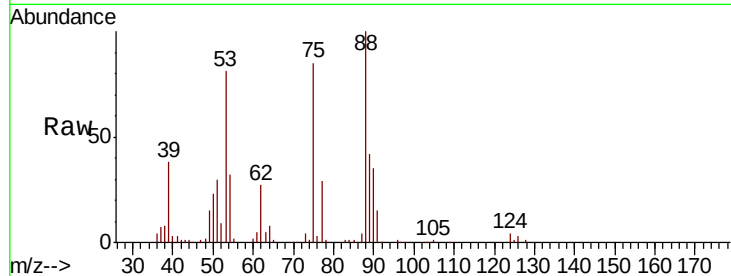
Tot Ion: 75 Resp: 42562

Ion Ratio Lower Upper

75 100

53 95.5 77.0 115.4

89 49.0 38.7 58.1



#82

4-Chlorotoluene

Concen: 54.357 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW016864.D

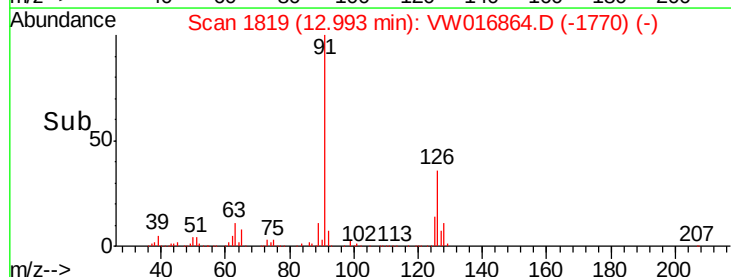
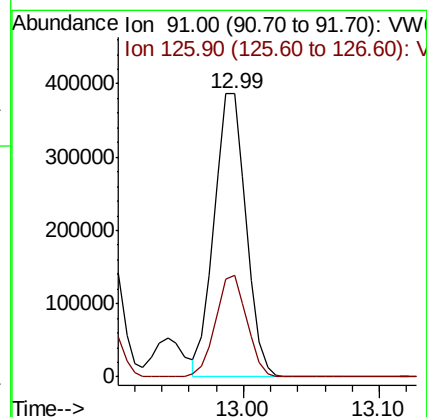
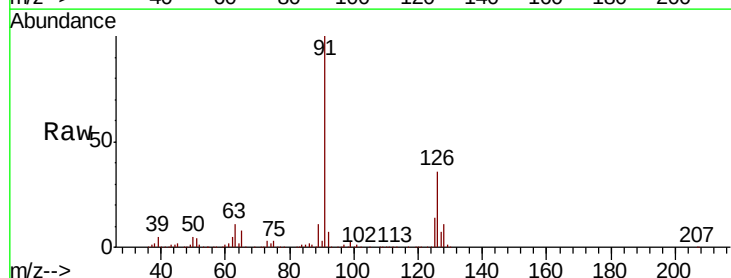
Acq: 09 Oct 2020 16:34

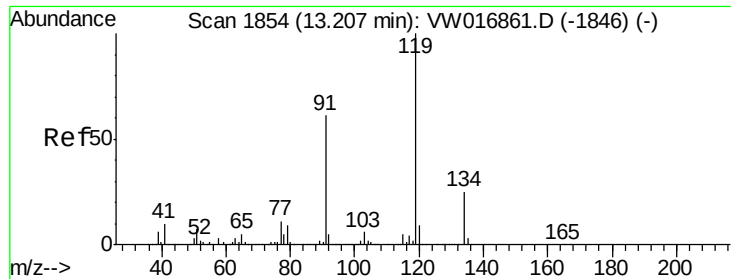
Tgt Ion: 91 Resp: 626460

Ion Ratio Lower Upper

91 100

126 35.5 18.1 54.3

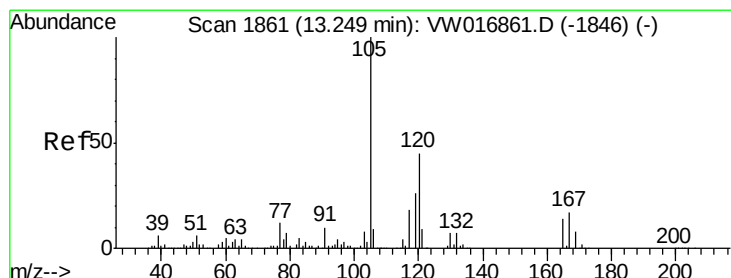
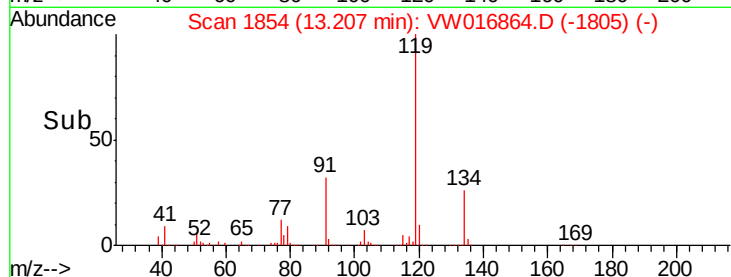
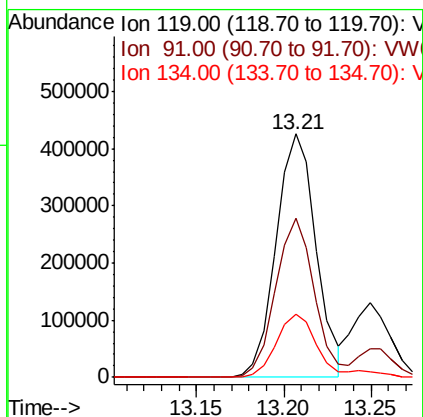
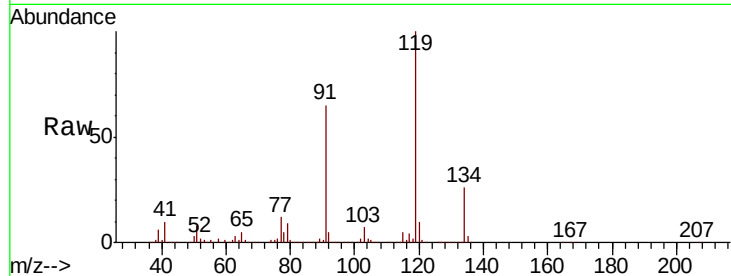




#83
tert-Butylbenzene
Concen: 54.941 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

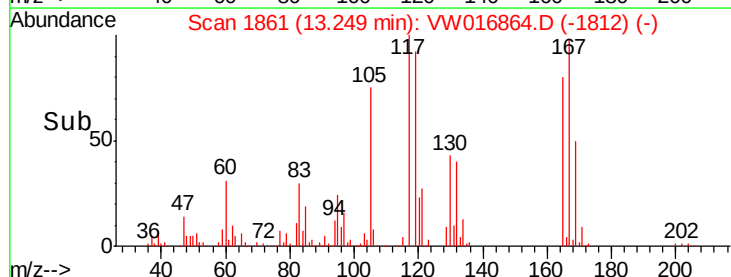
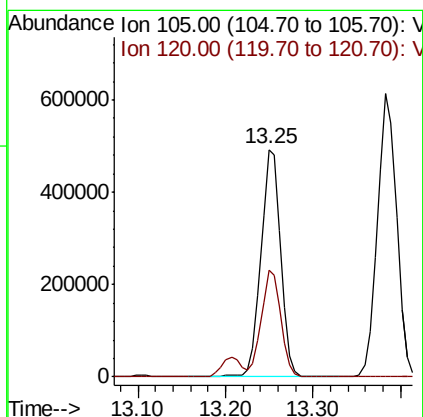
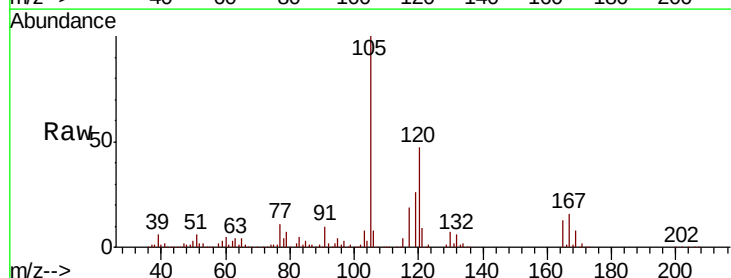
Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

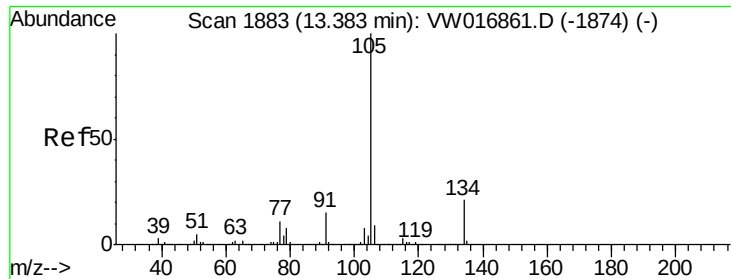
Tot Ion:119 Resp: 678615
Ion Ratio Lower Upper
119 100
91 63.8 31.3 93.9
134 26.1 14.0 42.0



#84
1,2,4-Trimethylbenzene
Concen: 54.814 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion:105 Resp: 776758
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.0





#85

sec-Butylbenzene

Concen: 54.084 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

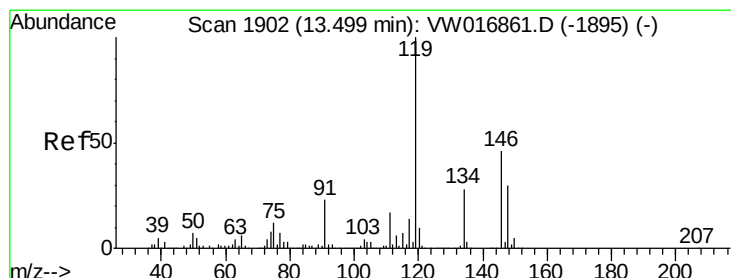
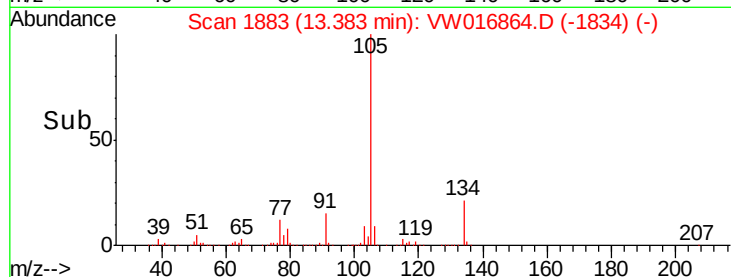
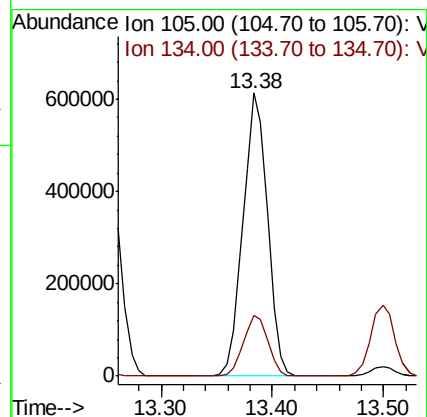
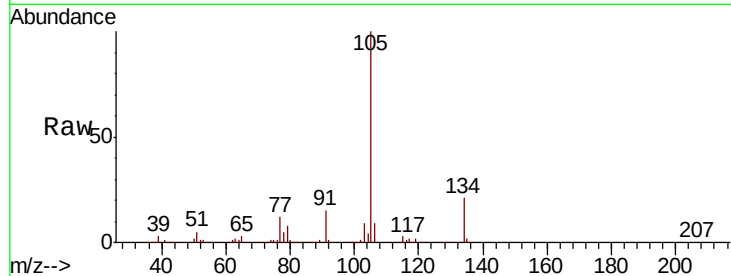
ICVW101020

Tot Ion:105 Resp: 929860

Ion Ratio Lower Upper

105 100

134 21.7 10.6 31.8



#86

p-Isopropyltoluene

Concen: 55.487 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

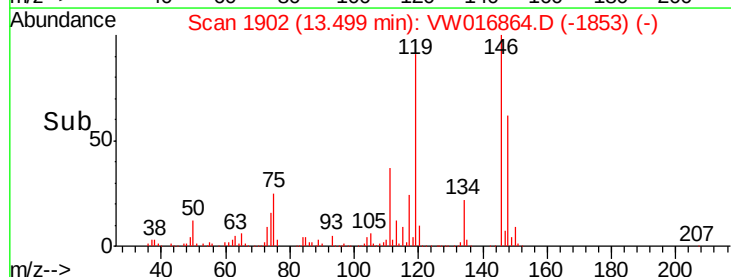
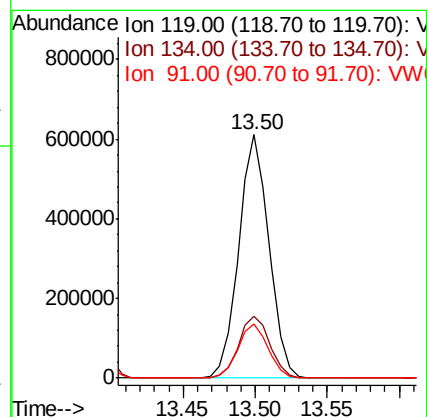
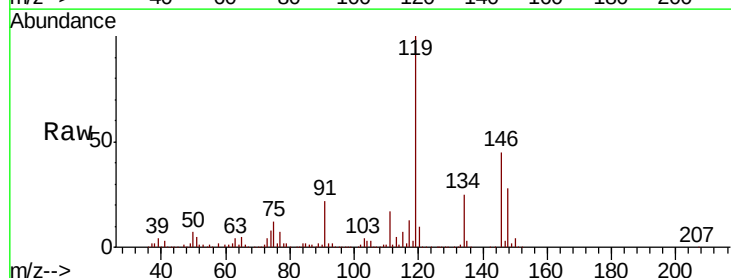
Tgt Ion:119 Resp: 888325

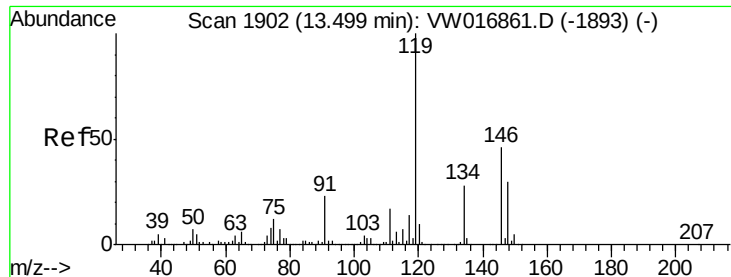
Ion Ratio Lower Upper

119 100

134 26.2 13.8 41.3

91 22.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 54.008 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

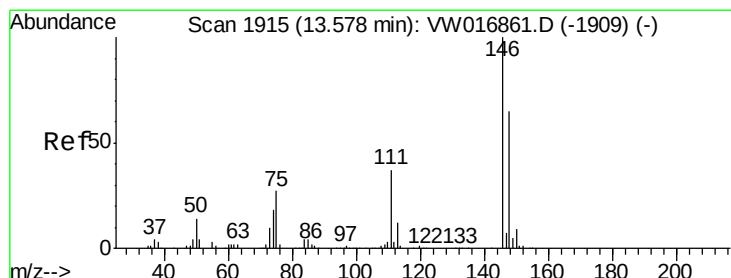
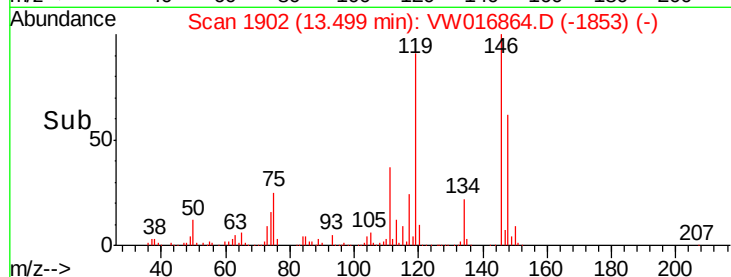
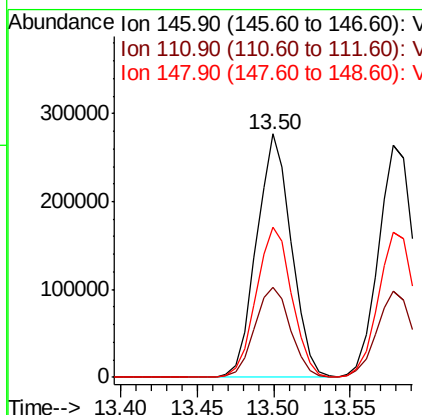
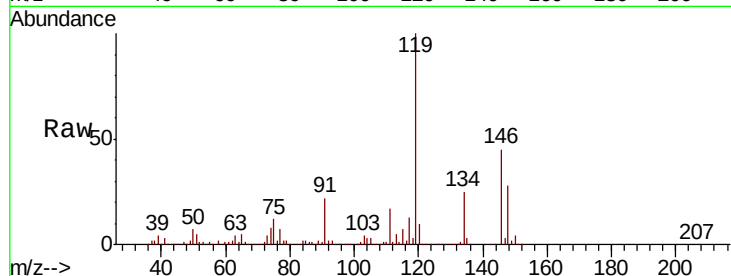
Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion:146 Resp: 438108

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	63.3	32.5	97.4



#88

1,4-Dichlorobenzene

Concen: 53.045 ug/l

RT: 13.58 min Scan# 1915

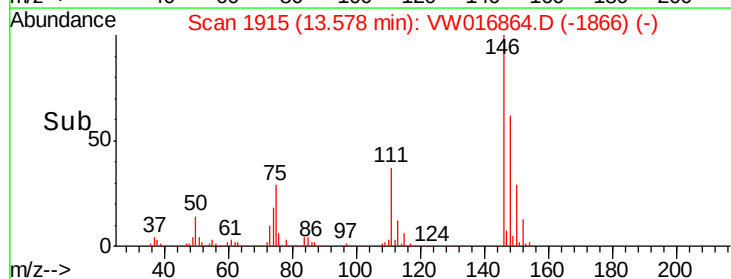
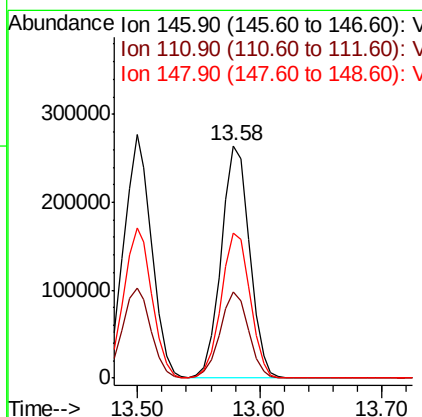
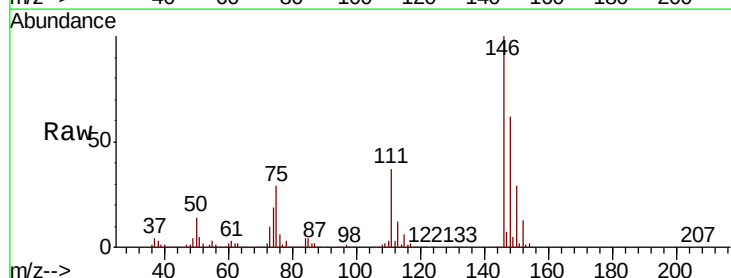
Delta R.T. 0.00 min

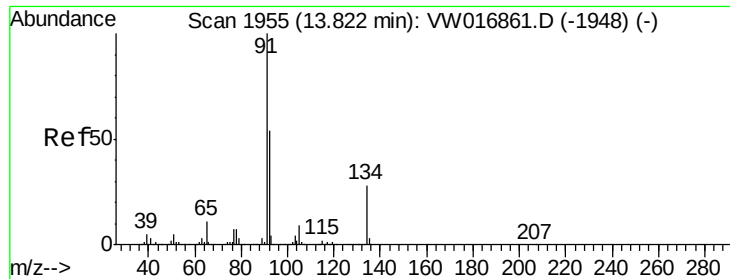
Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Tgt Ion:146 Resp: 424031

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.5	55.5
148	63.8	31.8	95.4





#89

n-Butylbenzene

Concen: 54.656 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016864.D

Acq: 09 Oct 2020 16:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW101020

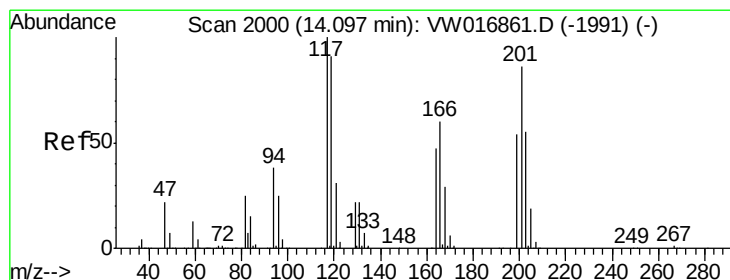
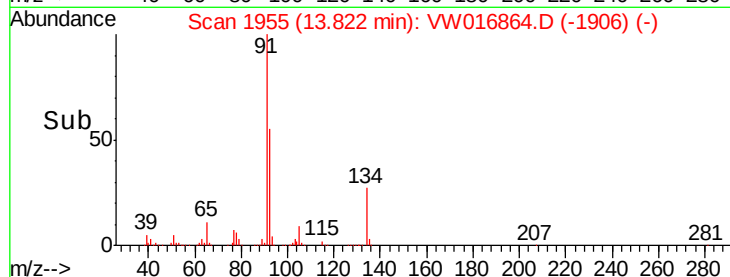
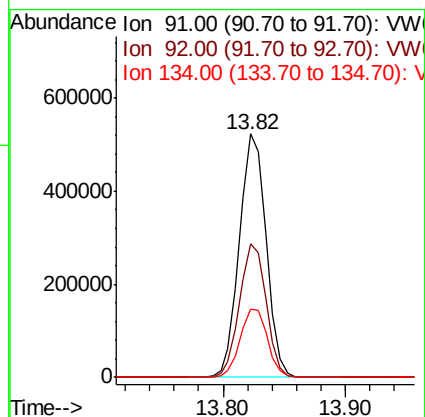
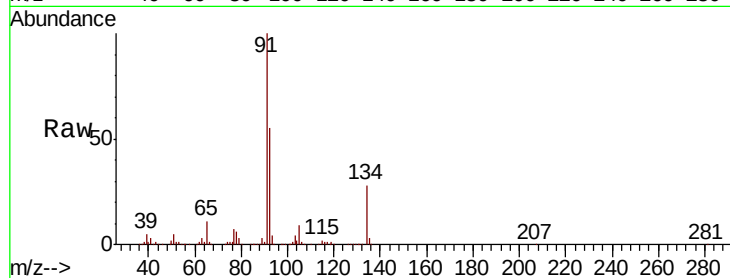
Tot Ion: 91 Resp: 788280

Ion Ratio Lower Upper

91 100

92 54.9 26.6 79.7

134 28.8 14.3 42.9



#90

Hexachloroethane

Concen: 56.043 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016864.D

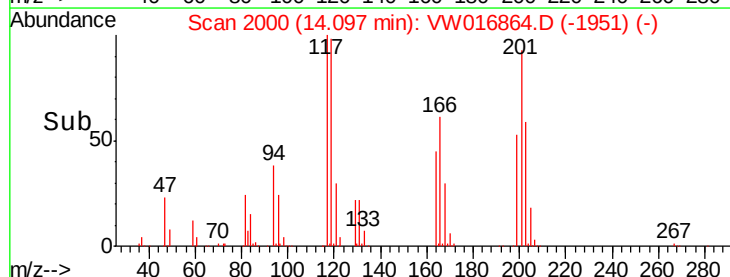
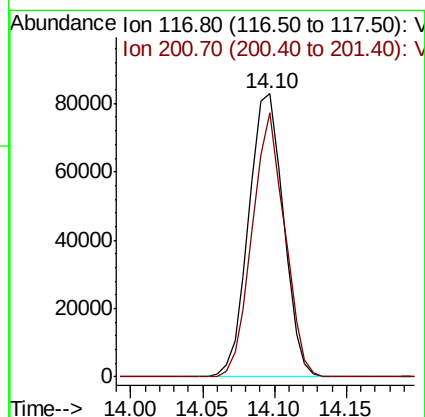
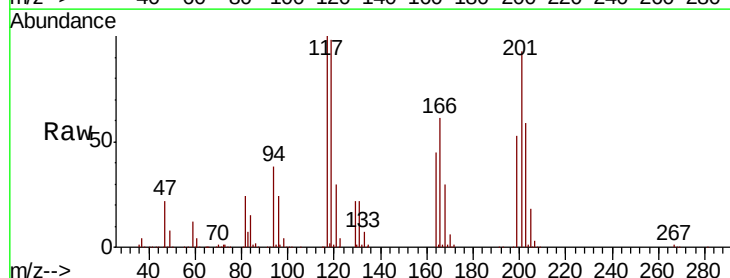
Acq: 09 Oct 2020 16:34

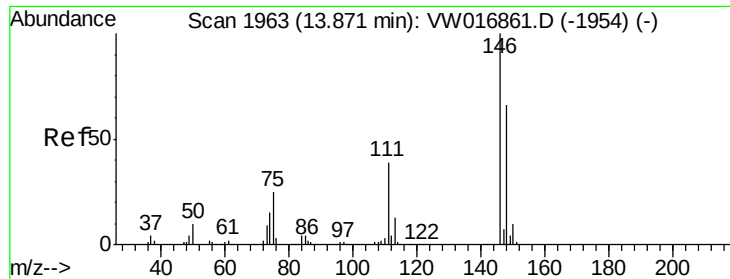
Tgt Ion: 117 Resp: 138444

Ion Ratio Lower Upper

117 100

201 87.2 41.9 125.7

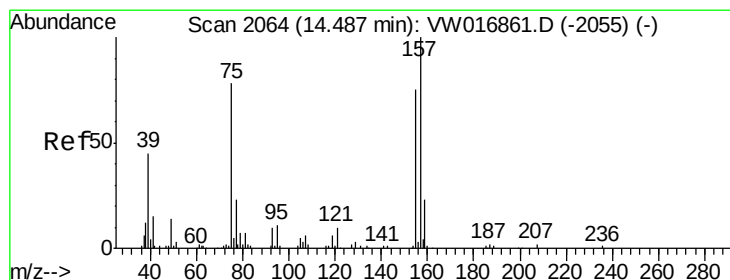
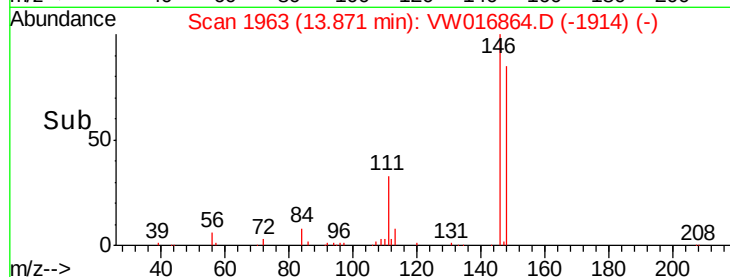
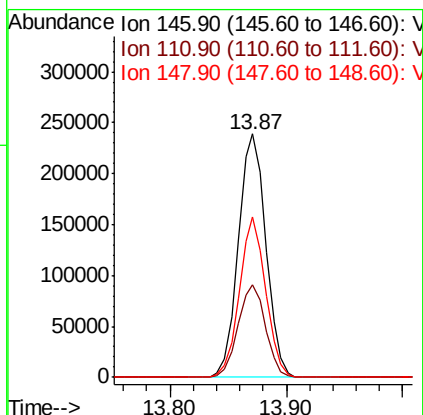
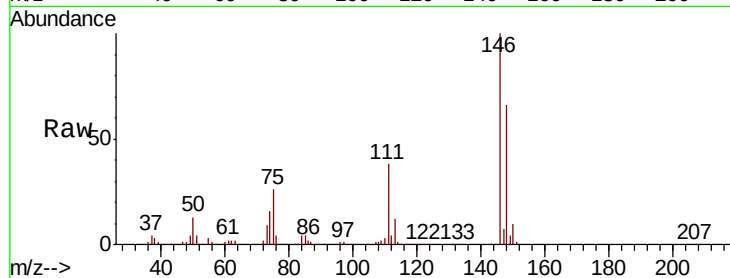




#91
 1,2-Dichlorobenzene
 Concen: 56.268 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

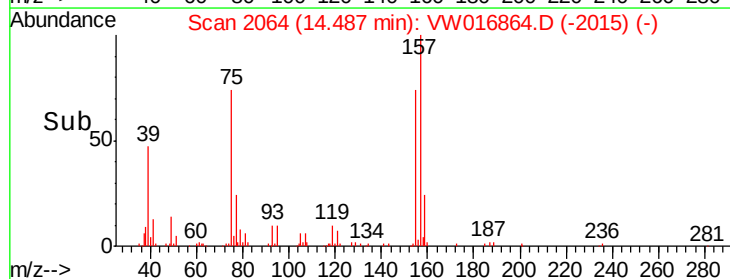
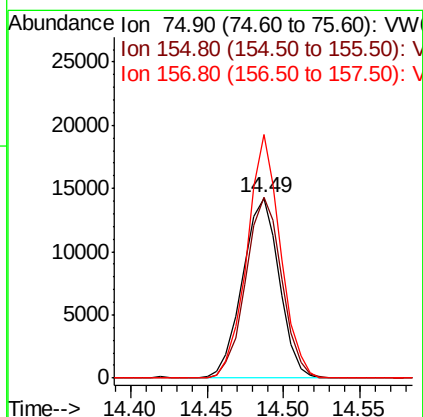
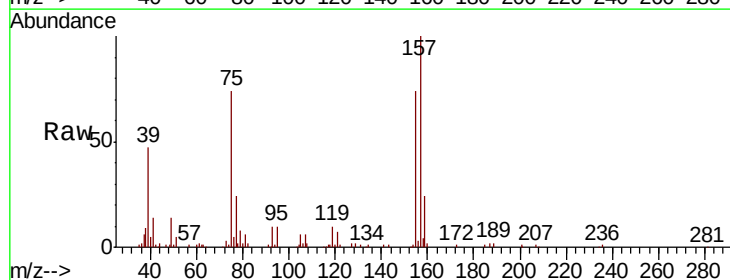
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

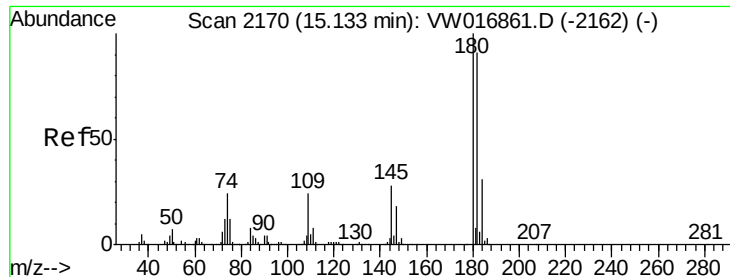
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.1	60.3
148	62.7	33.1	99.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.261 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.9	47.6	142.8
157	122.4	62.2	186.6

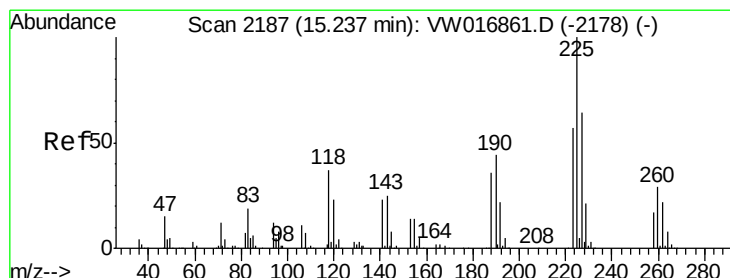
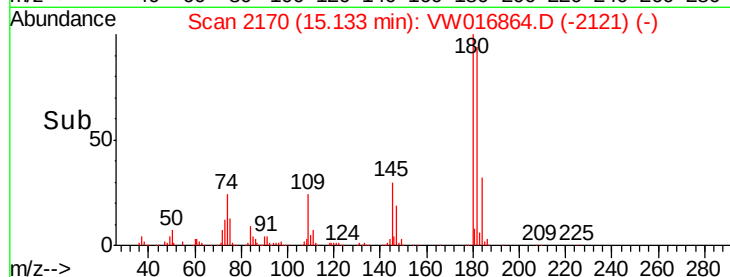
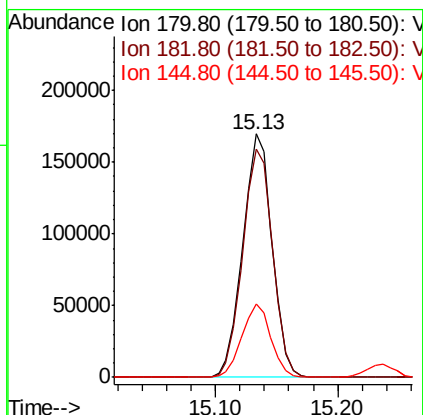
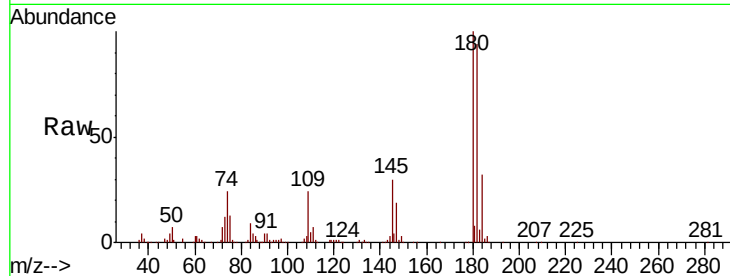




#93
 1,2,4-Trichlorobenzene
 Concen: 58.331 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

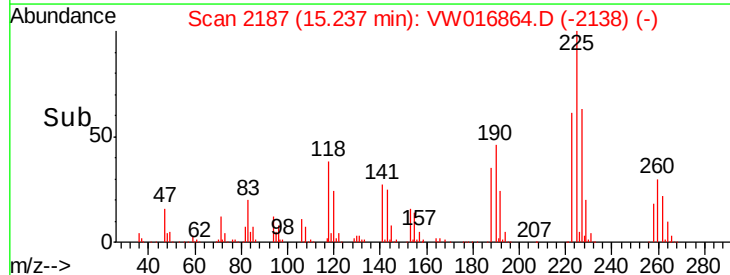
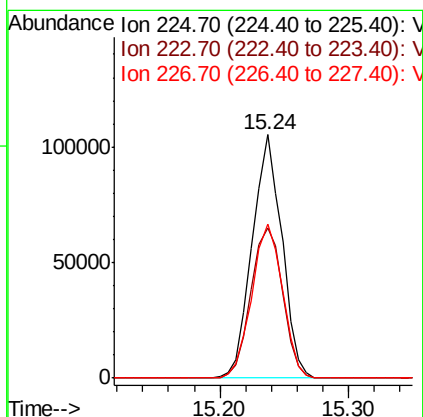
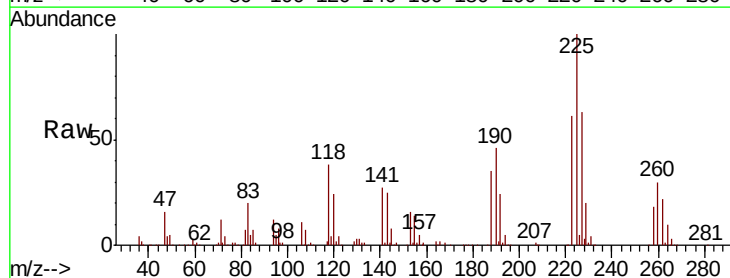
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101020

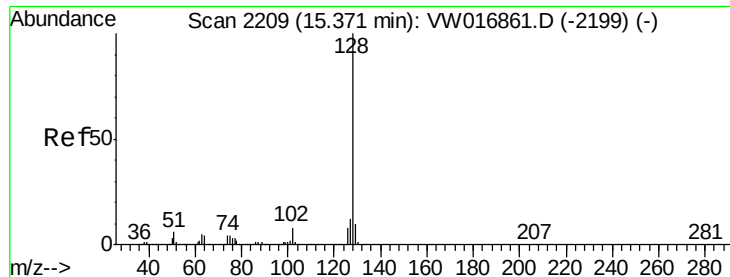
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.3	144.9
145	29.9	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 53.422 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016864.D
 Acq: 09 Oct 2020 16:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	31.9	95.7
227	65.6	33.0	99.0

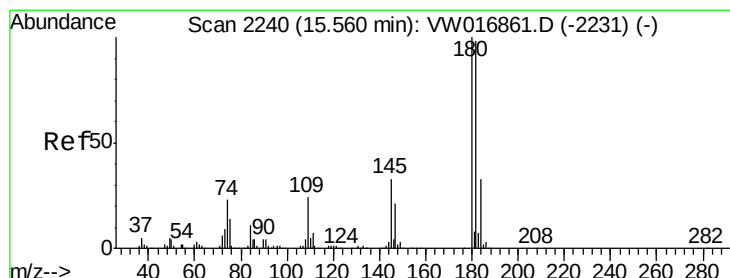
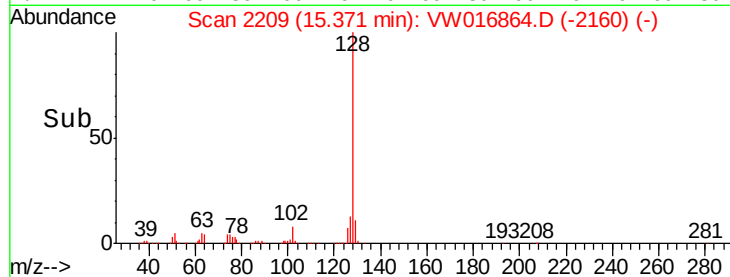
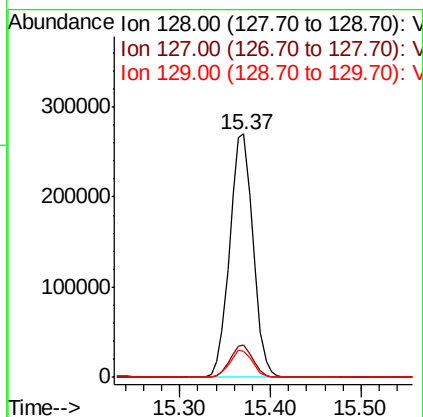
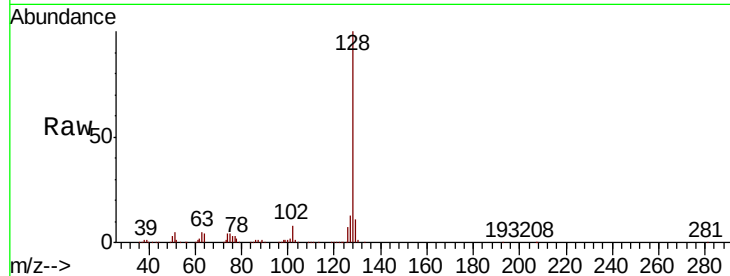




#95
Naphthalene
Concen: 62.242 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Instrument :
MSVOA_W
ClientSampleId :
ICVW101020

Tot Ion:128 Resp: 488516
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 58.300 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016864.D
Acq: 09 Oct 2020 16:34

Tgt Ion:180 Resp: 244931
Ion Ratio Lower Upper
180 100
182 96.9 49.4 148.2
145 31.2 16.3 48.9

